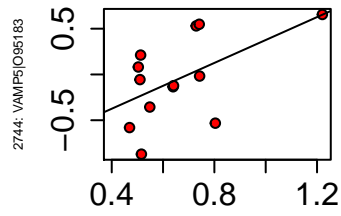
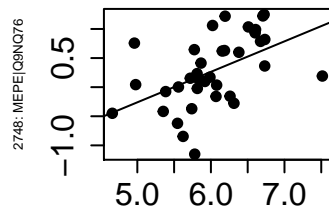


cor=0.55, p=0.051



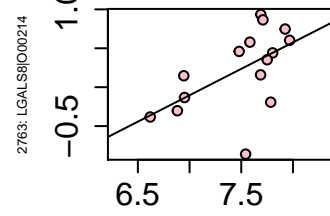
294: VAMP5|Q95183

cor=0.5, p=0.0019



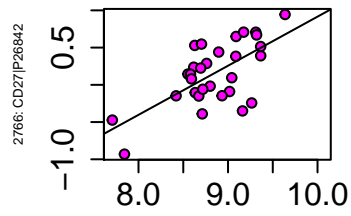
253: MEPE|Q9NQ76

cor=0.56, p=0.03



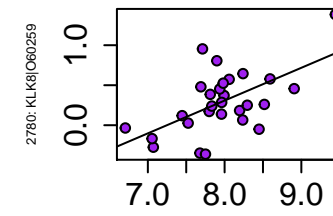
687: LGALS8|O00214

cor=0.66, p=7.2e-05



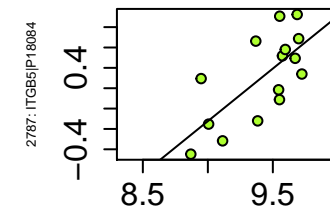
781: CD27|P26842

cor=0.58, p=0.0012



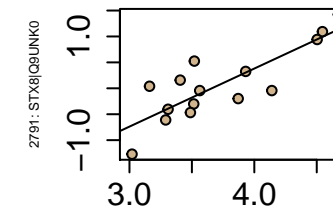
756: KLK8|O60259

cor=0.71, p=0.003



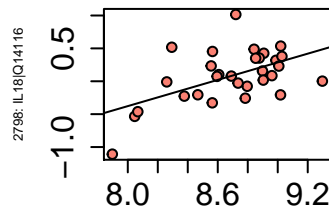
775: ITGB5|P18084

cor=0.84, p=8.9e-05



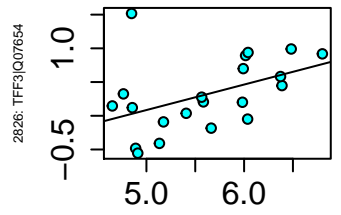
880: STX8|Q9UNK0

cor=0.55, p=0.0016



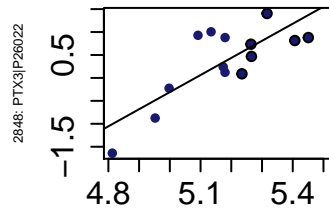
472: IL18|Q14116

cor=0.45, p=0.041



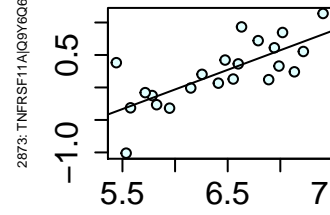
176: TFF3|Q07654

cor=0.79, p=0.00077



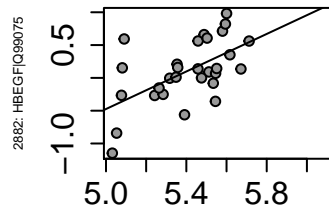
141: PTX3|P26022

cor=0.74, p=8.3e-05



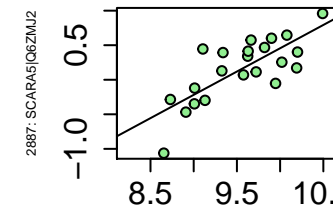
102: TNFRSF11A|Q9Y6Q6

cor=0.58, p=0.00097



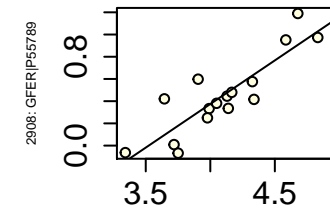
152: HBEGF|Q99075

cor=0.76, p=4.1e-05

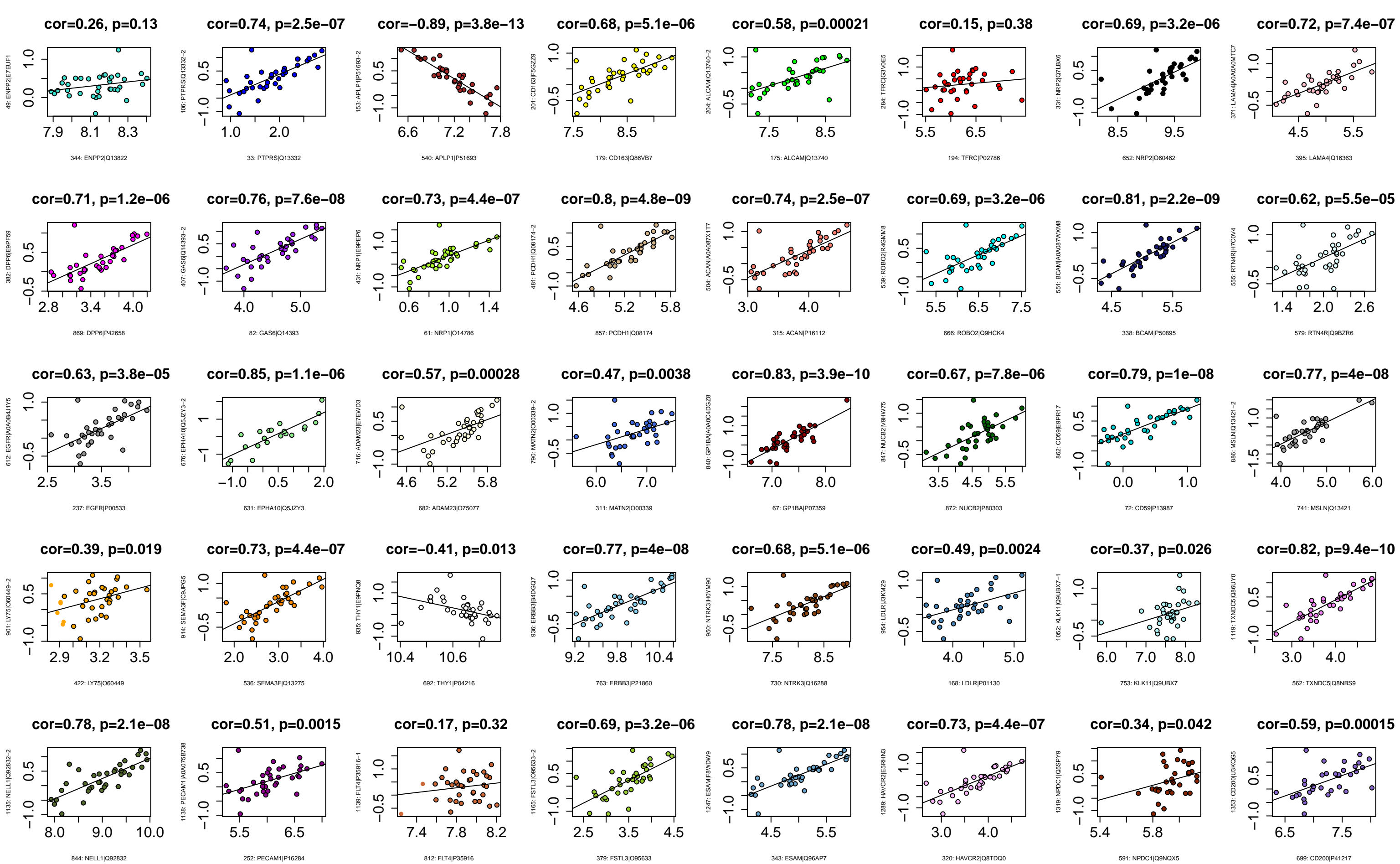


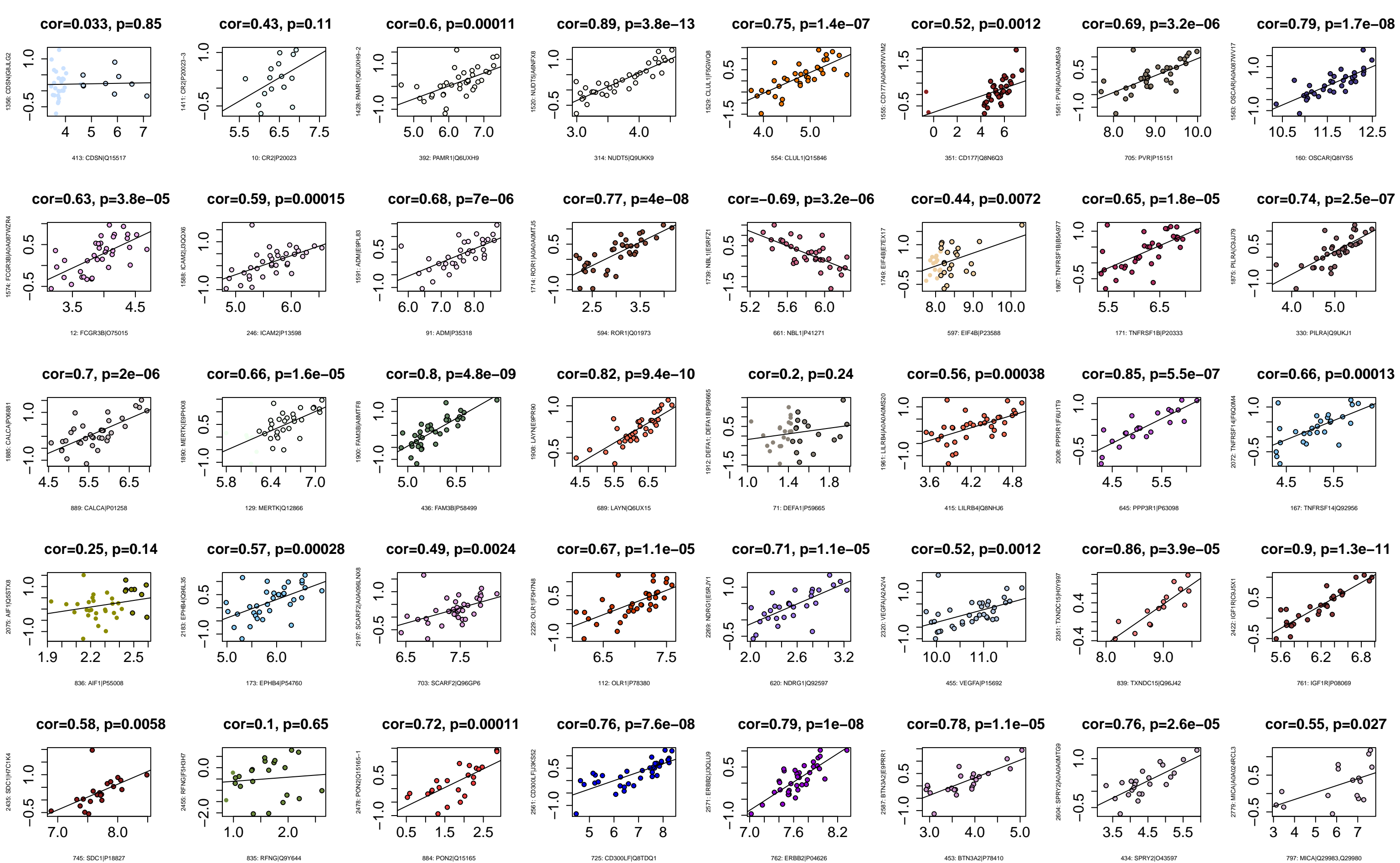
698: SCARA5|Q6ZMJ2

cor=0.87, p=1.2e-05

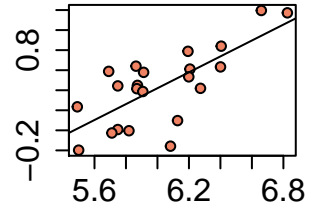


831: GFER|P55789



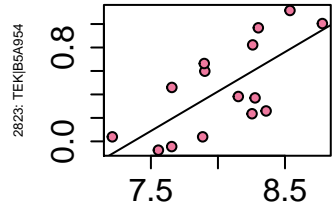


cor=0.72, p=0.00016



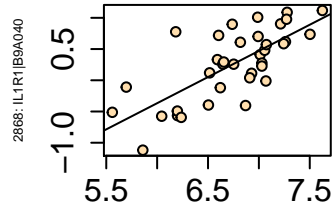
650: CD63|P08962

cor=0.71, p=0.003



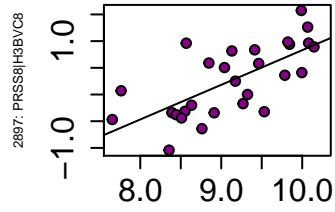
106: TEK|Q02763

cor=0.73, p=4.4e-07



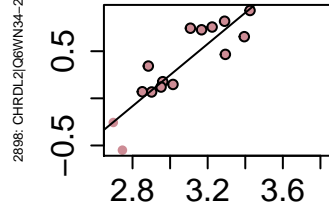
214: IL1R1|P14778

cor=0.69, p=4.9e-05

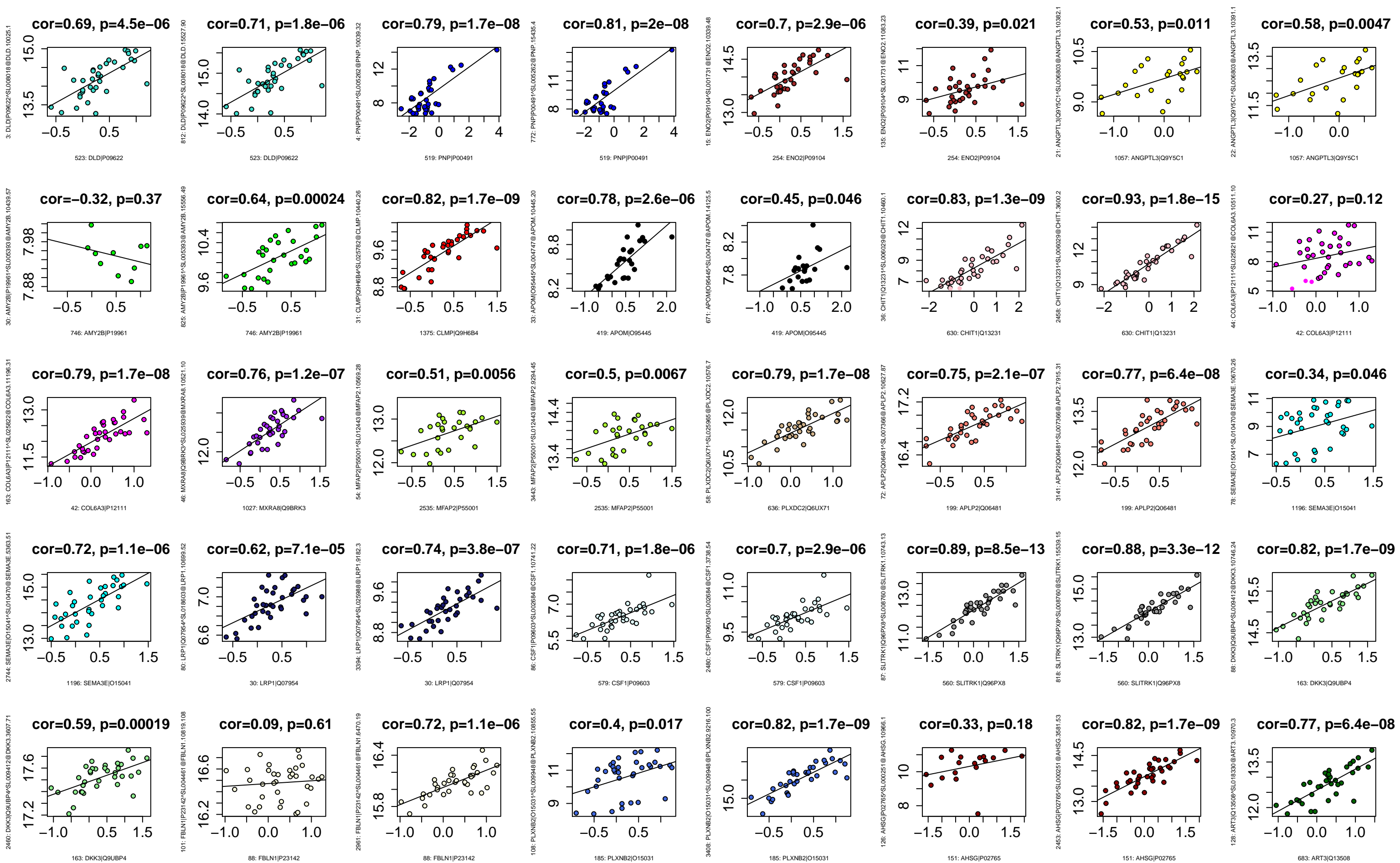


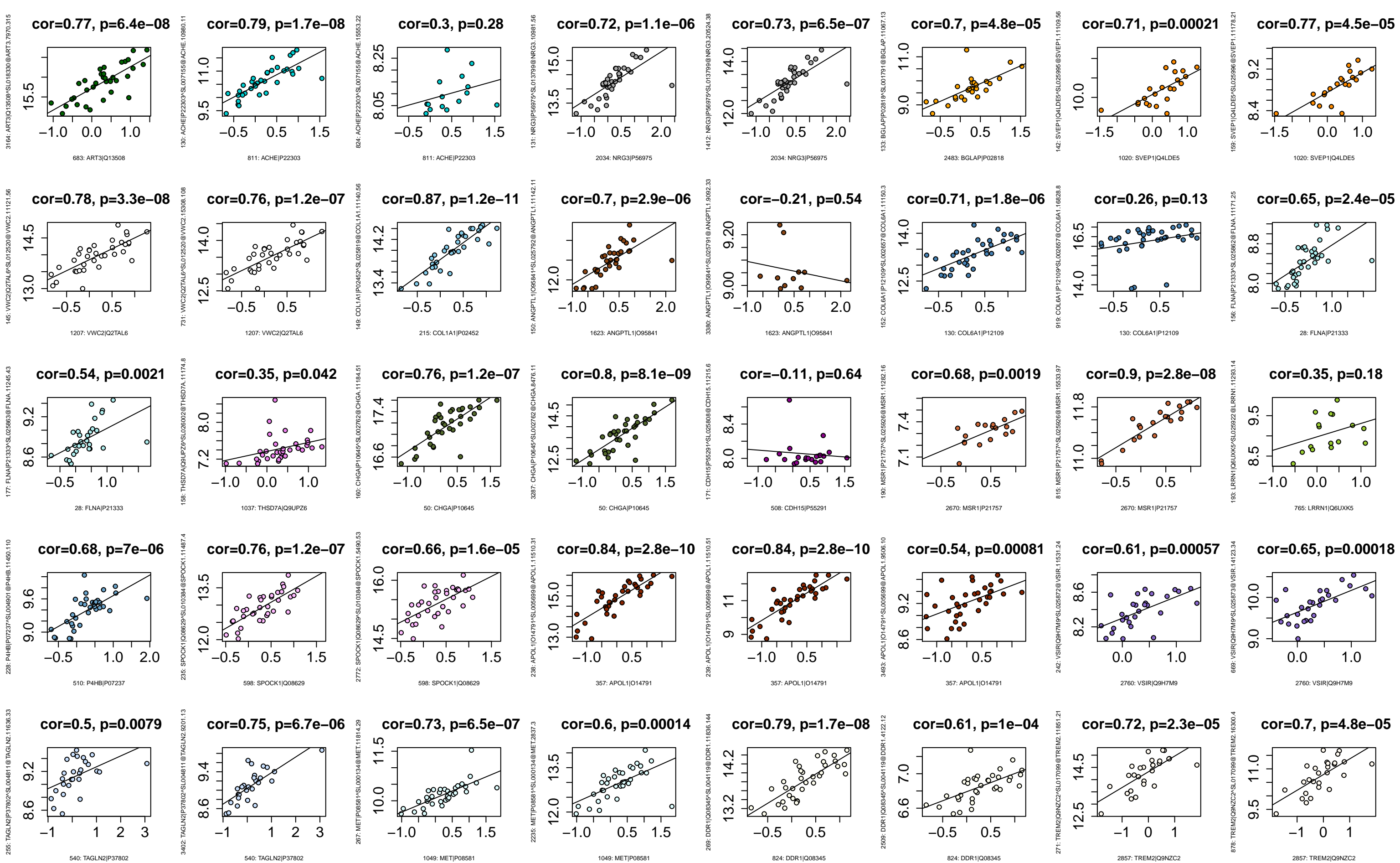
150: PRSS8|Q16651

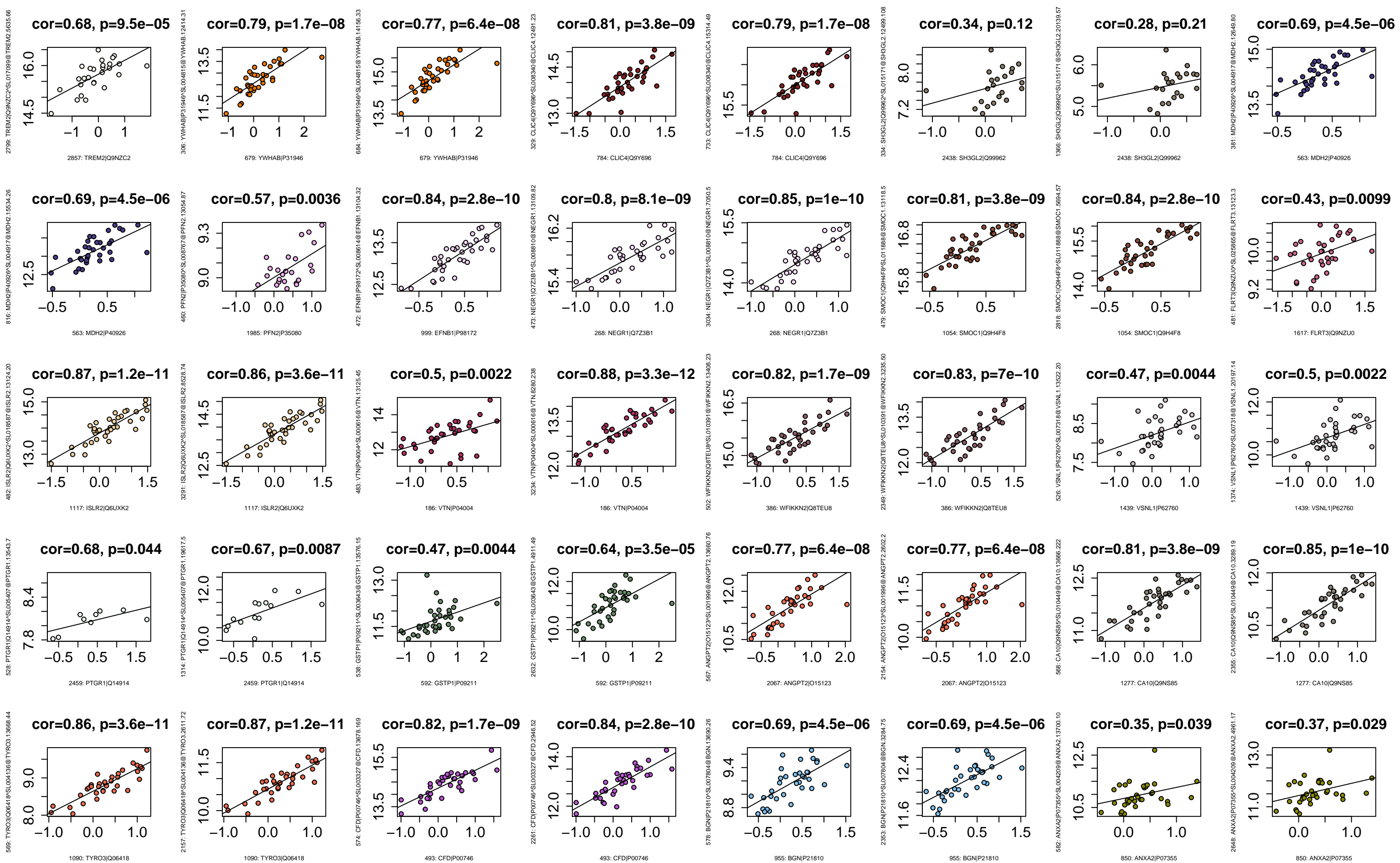
cor=0.89, p=8.8e-06

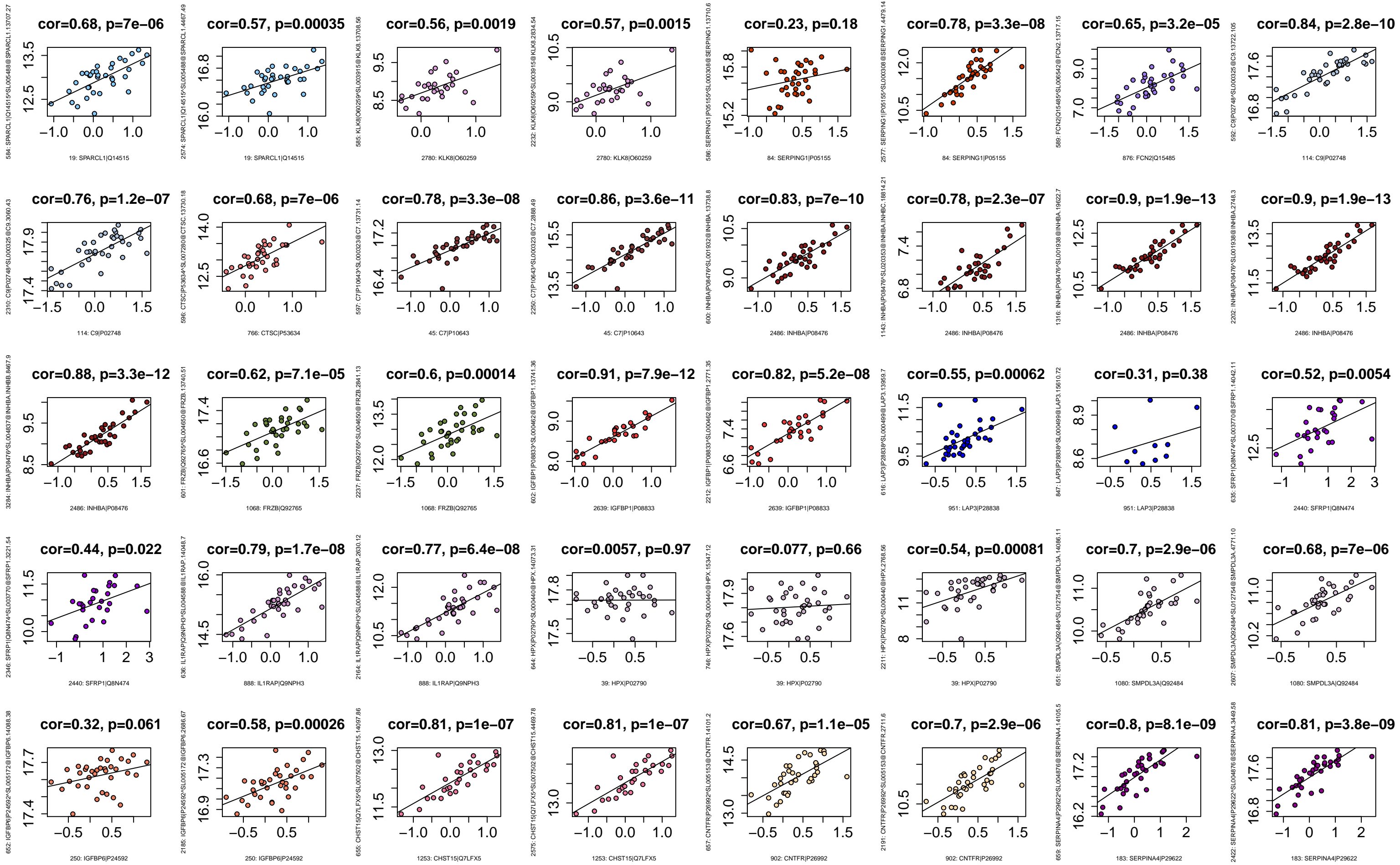


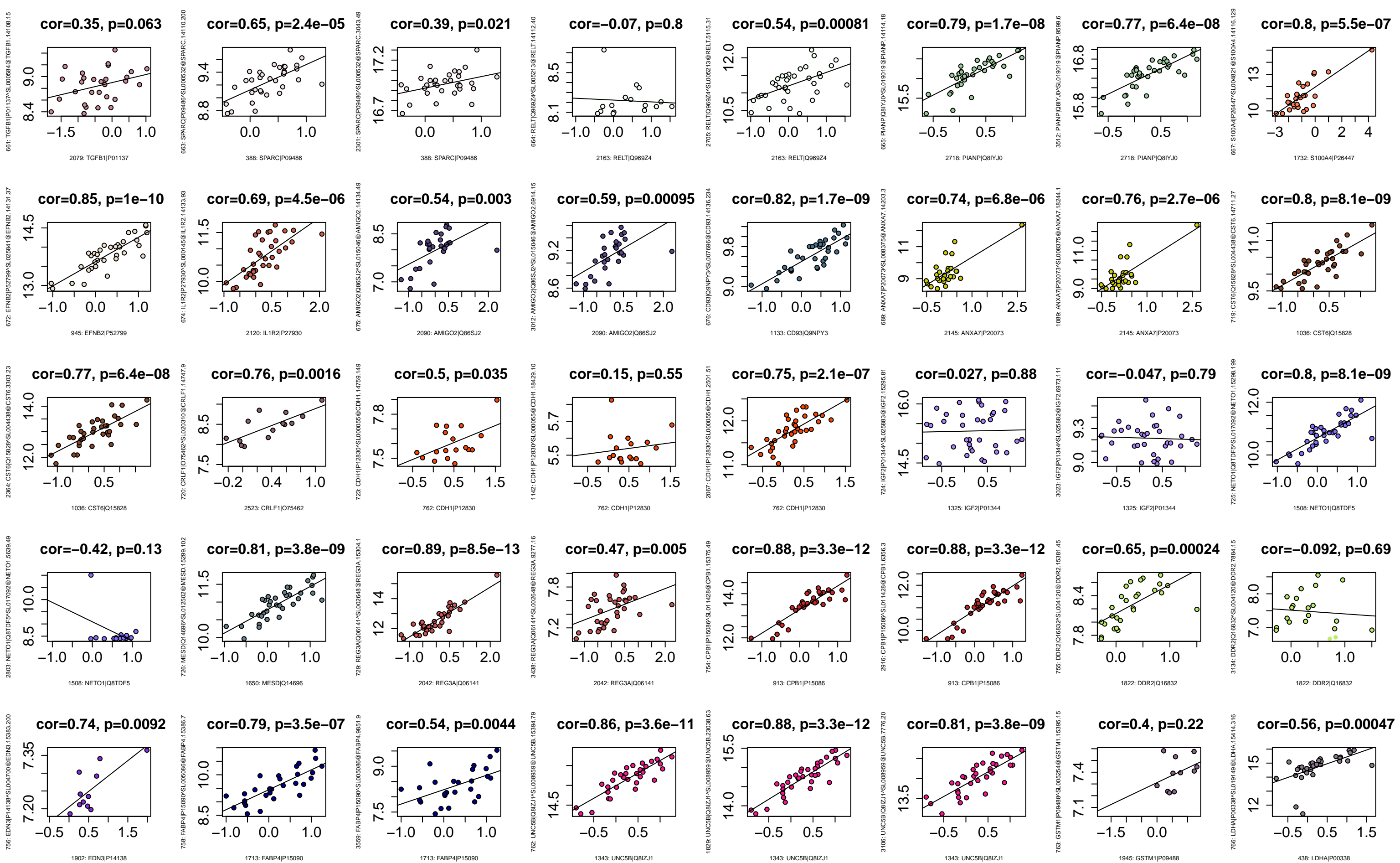
556: CHRDL2|Q6WN34

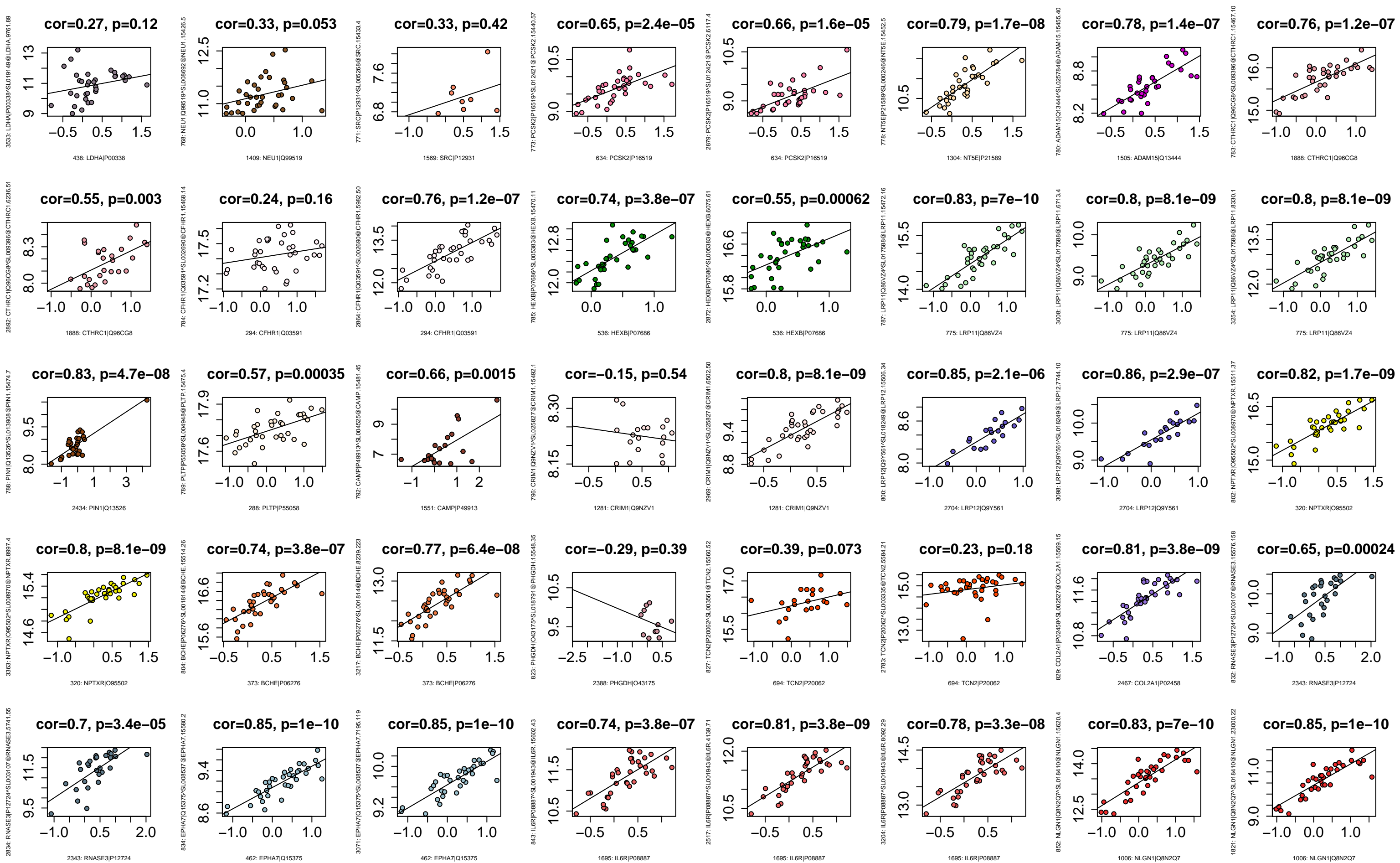


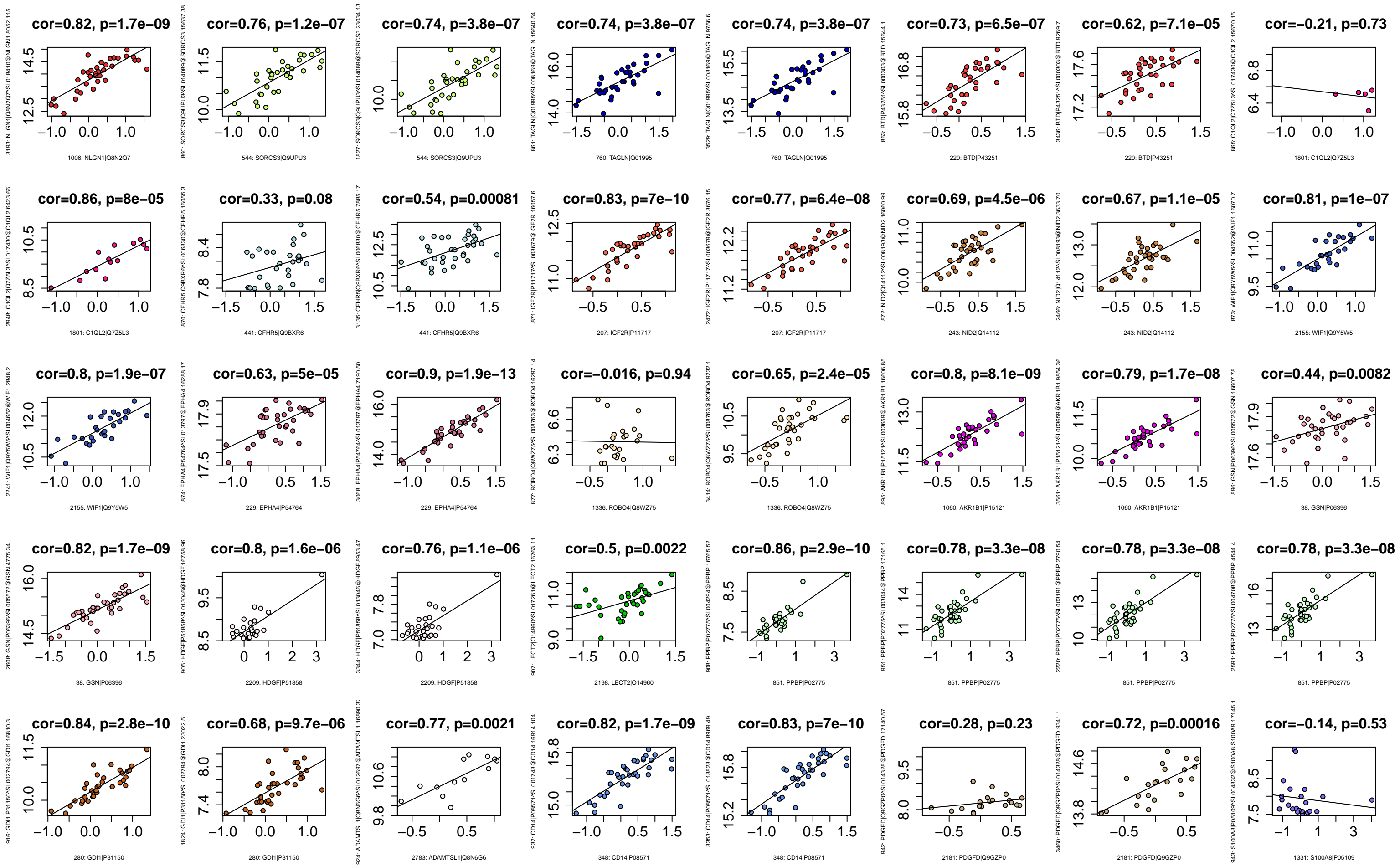


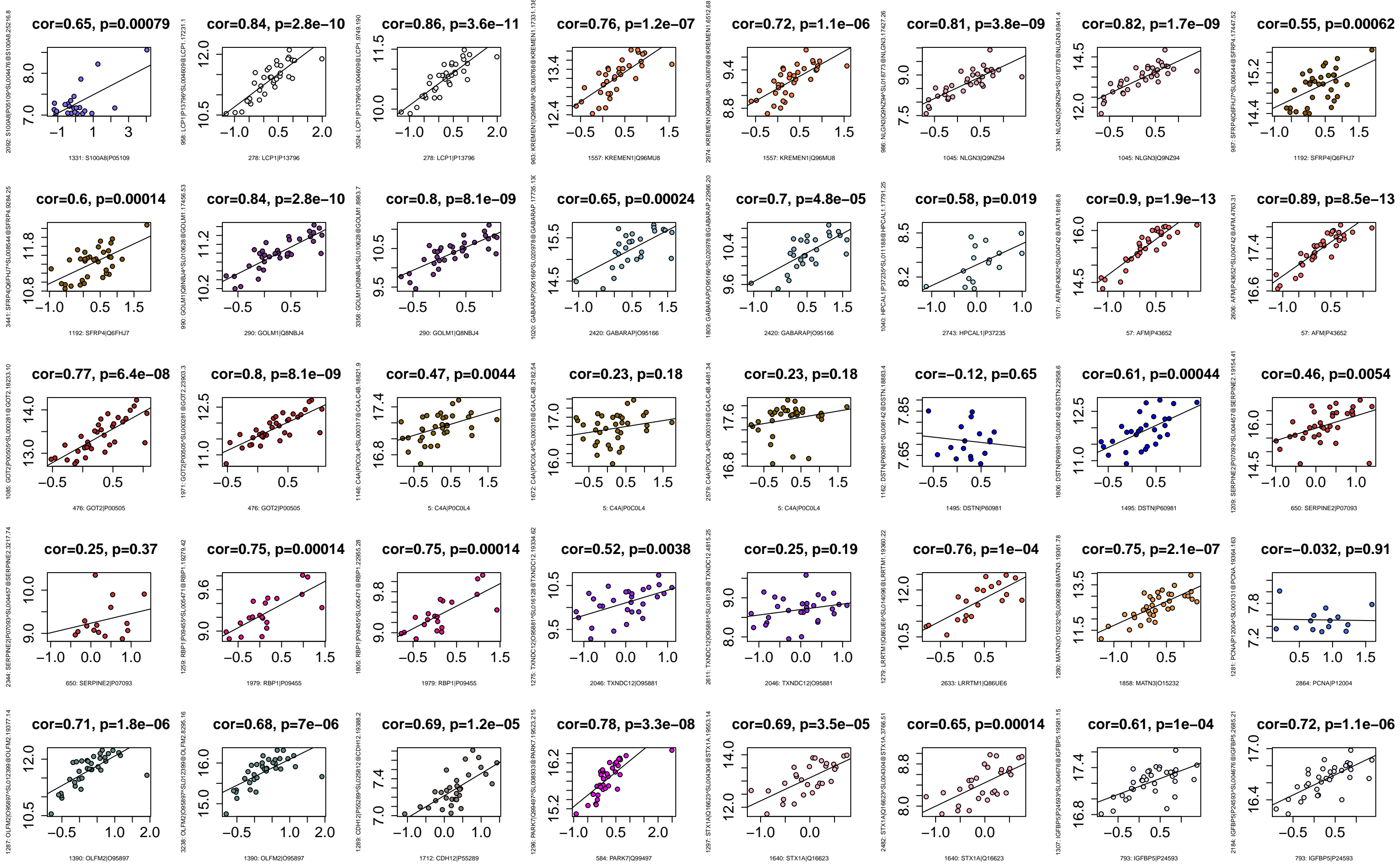


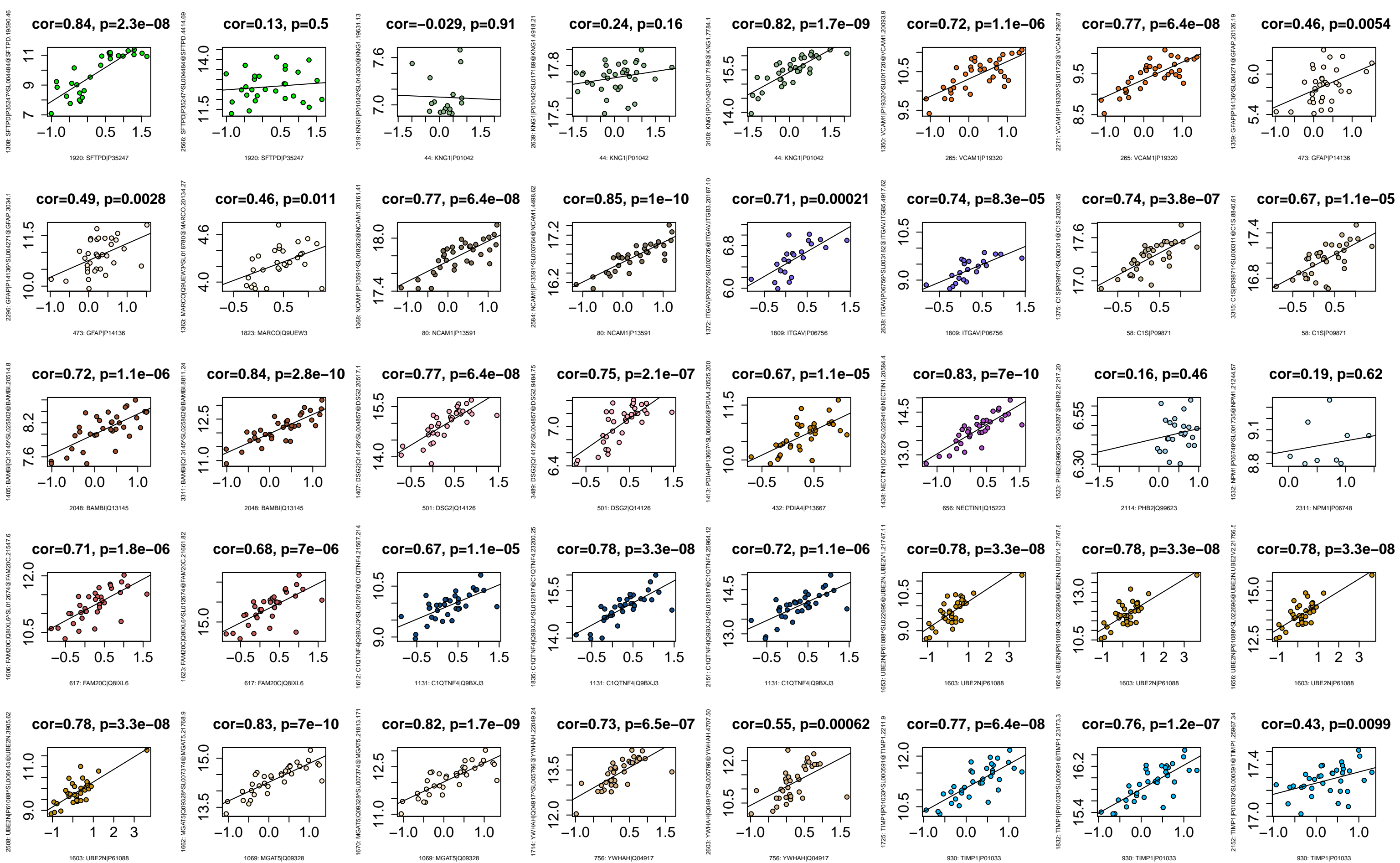


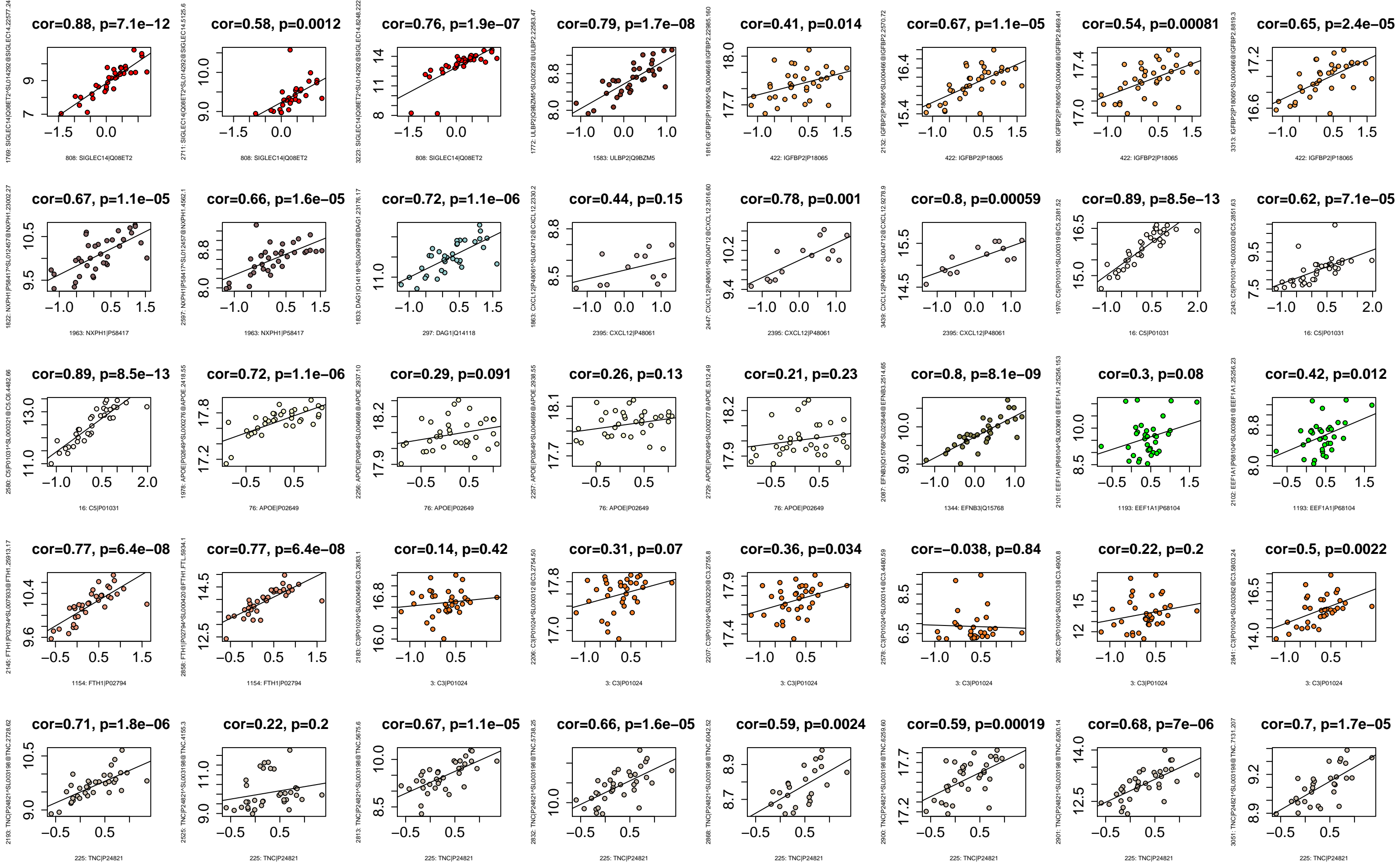


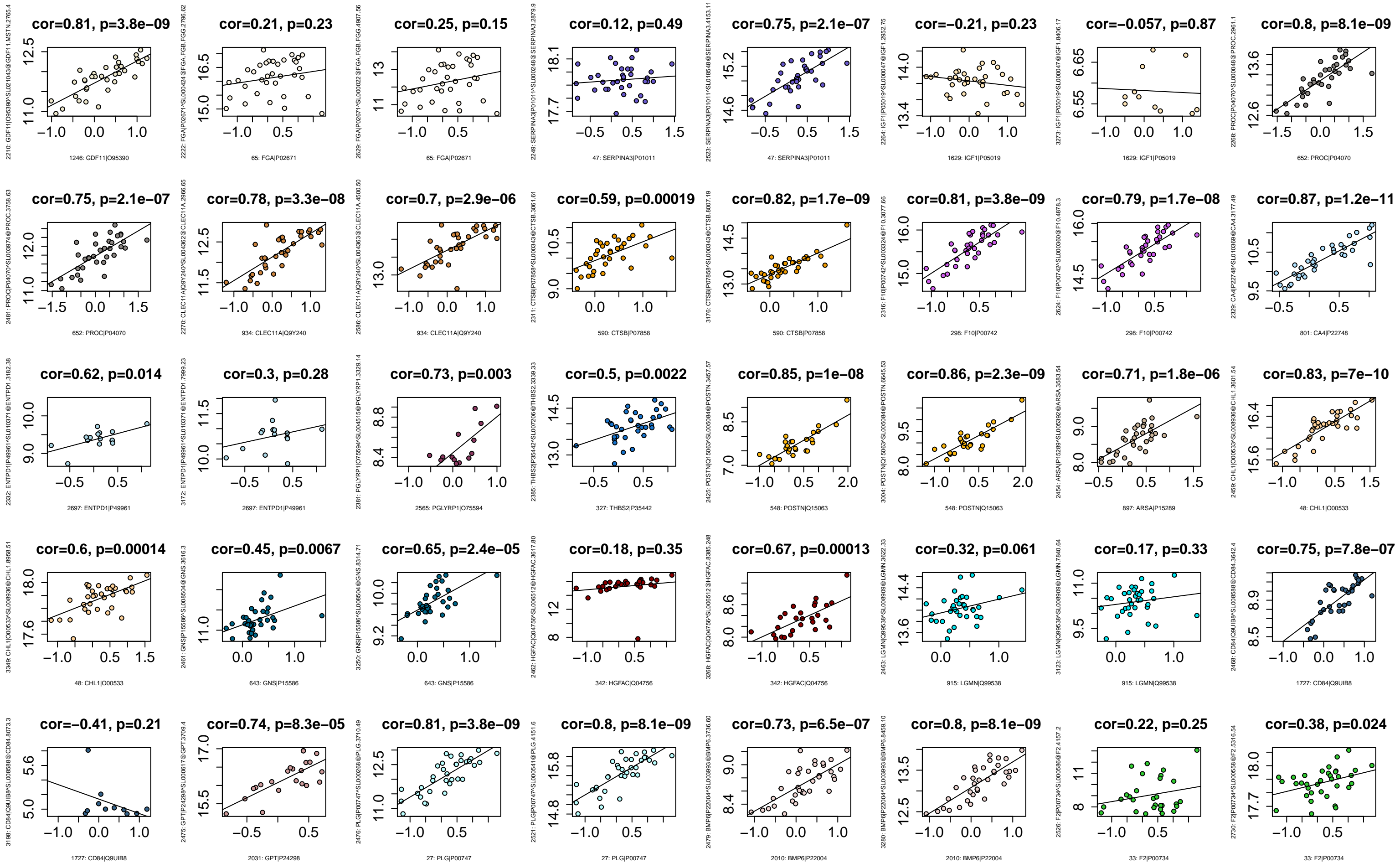


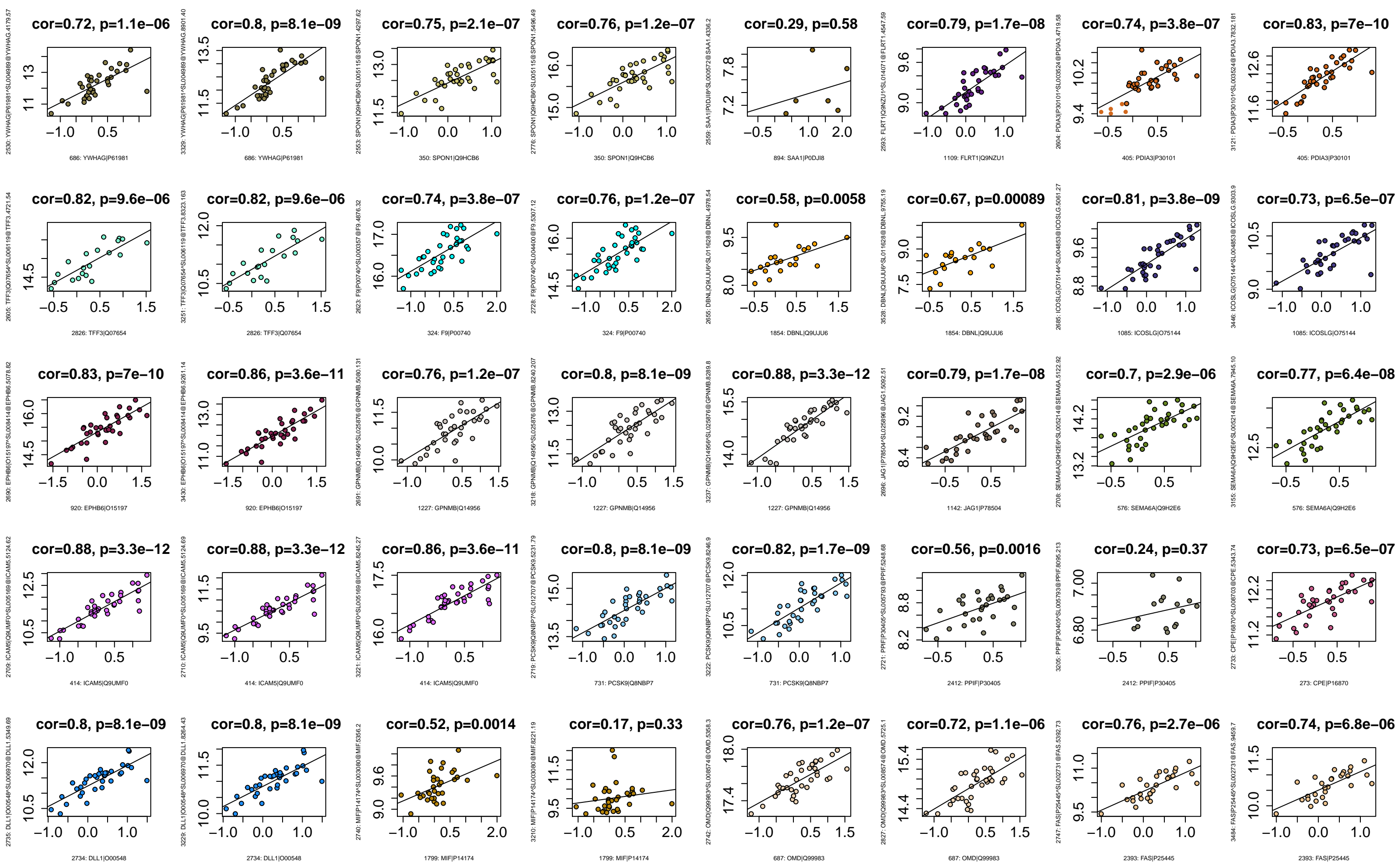


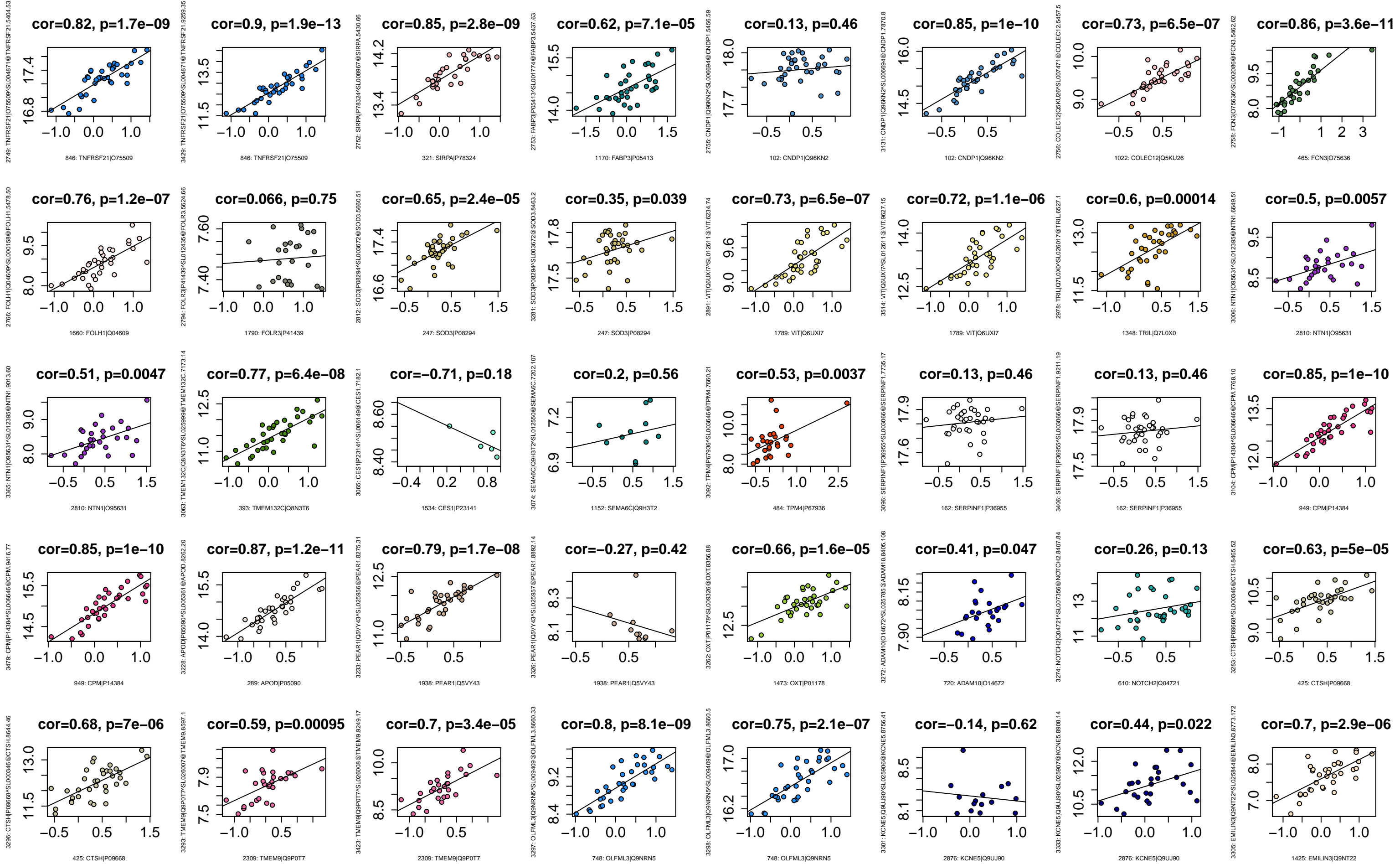


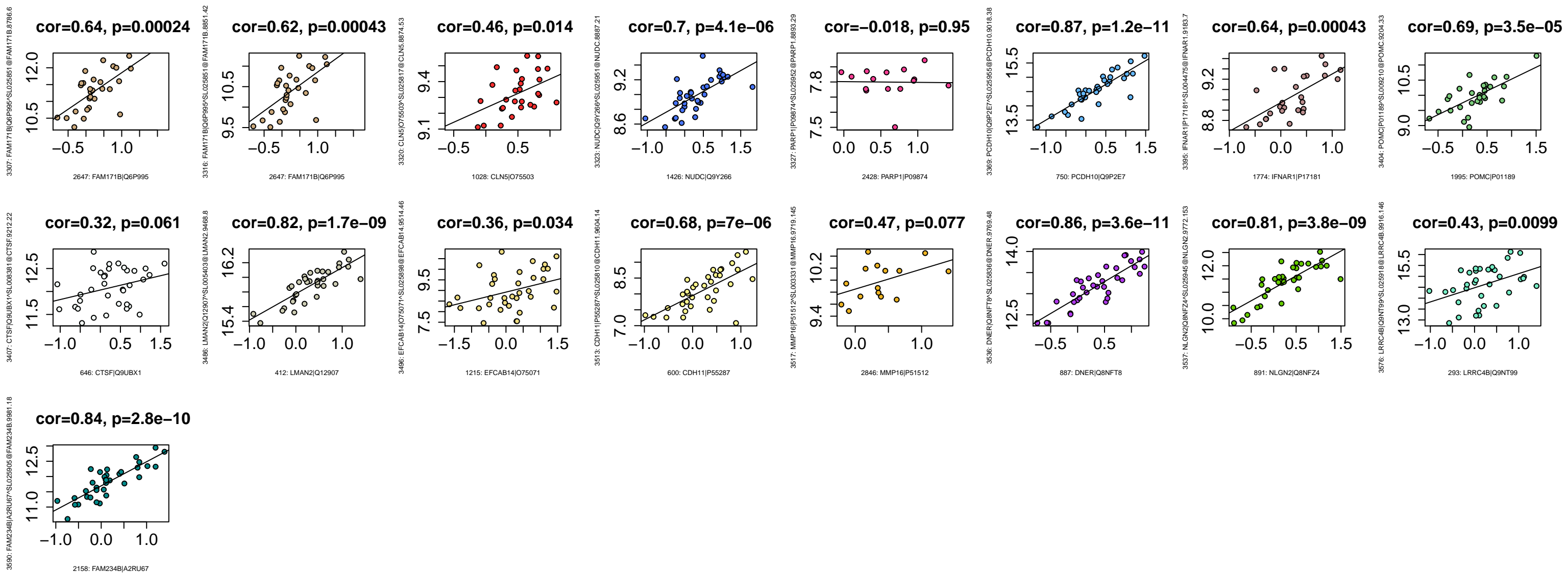


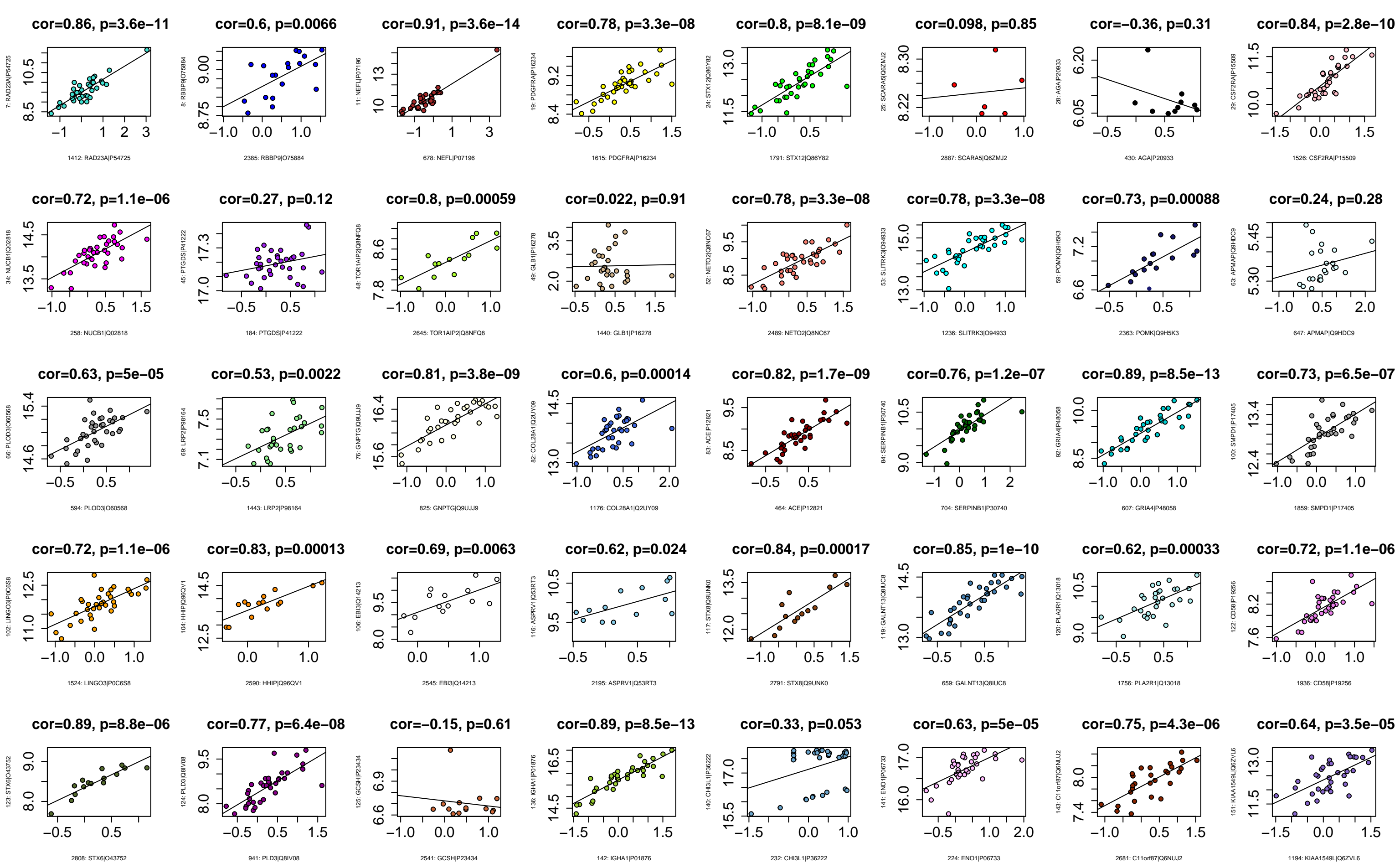


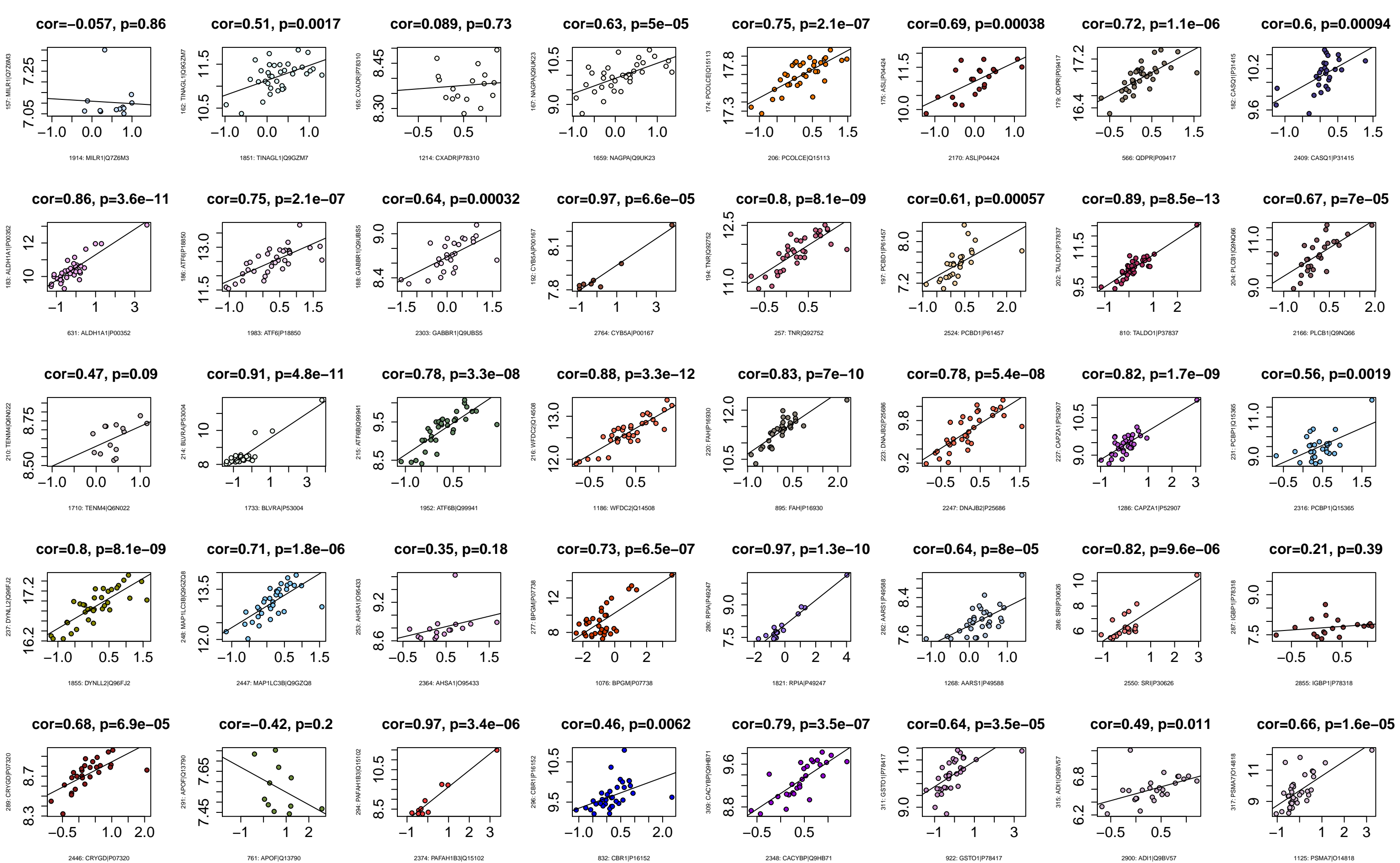


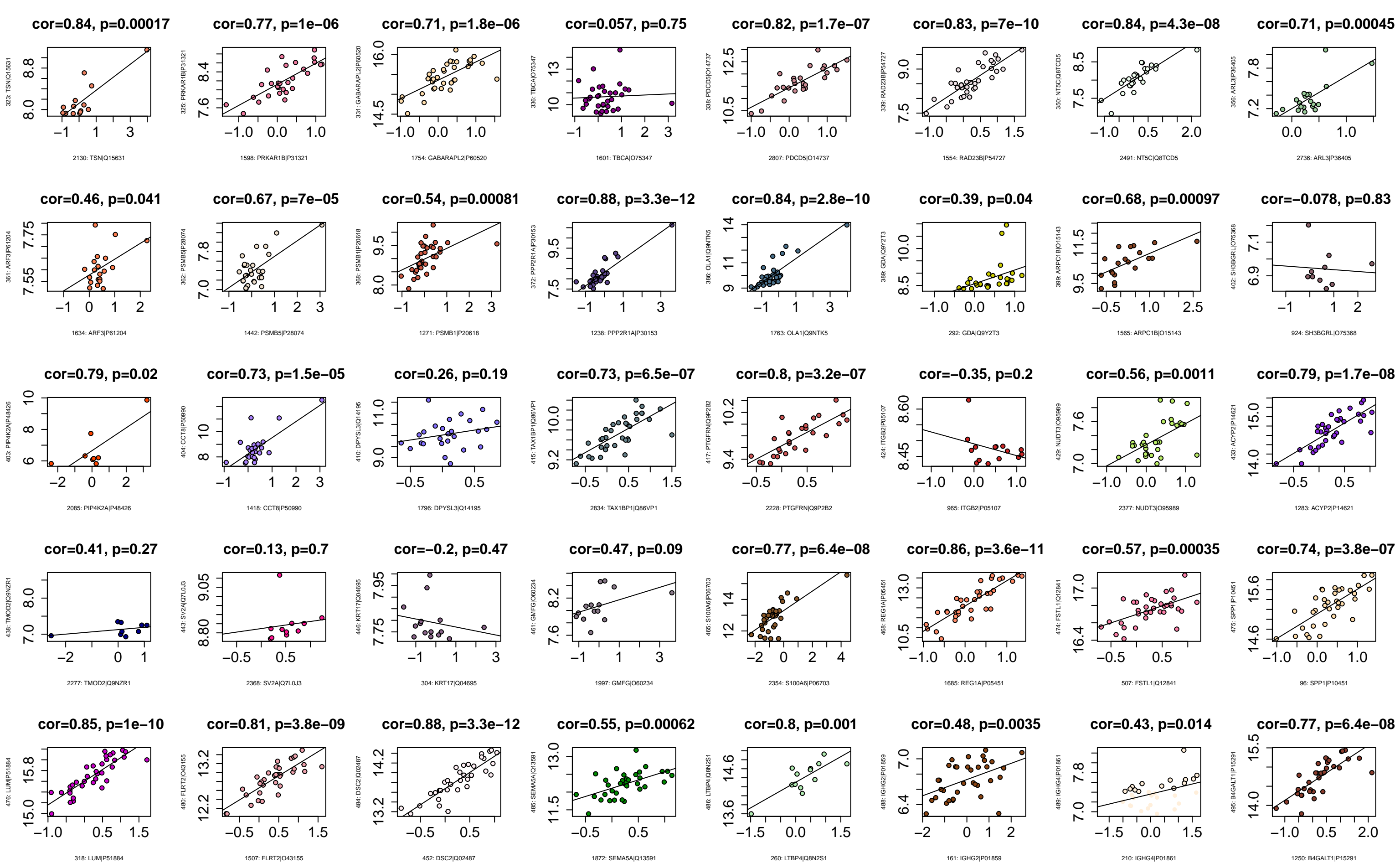


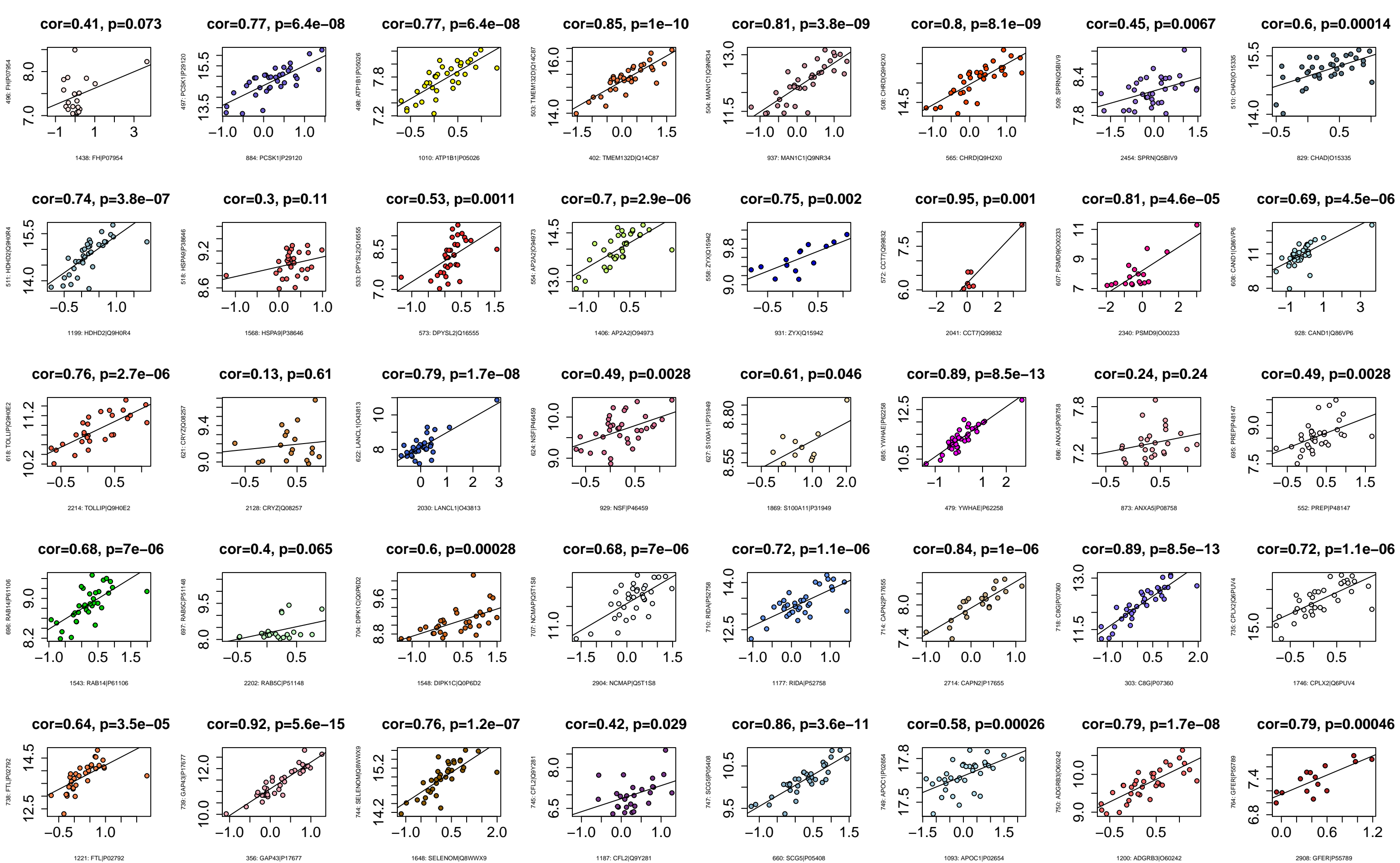


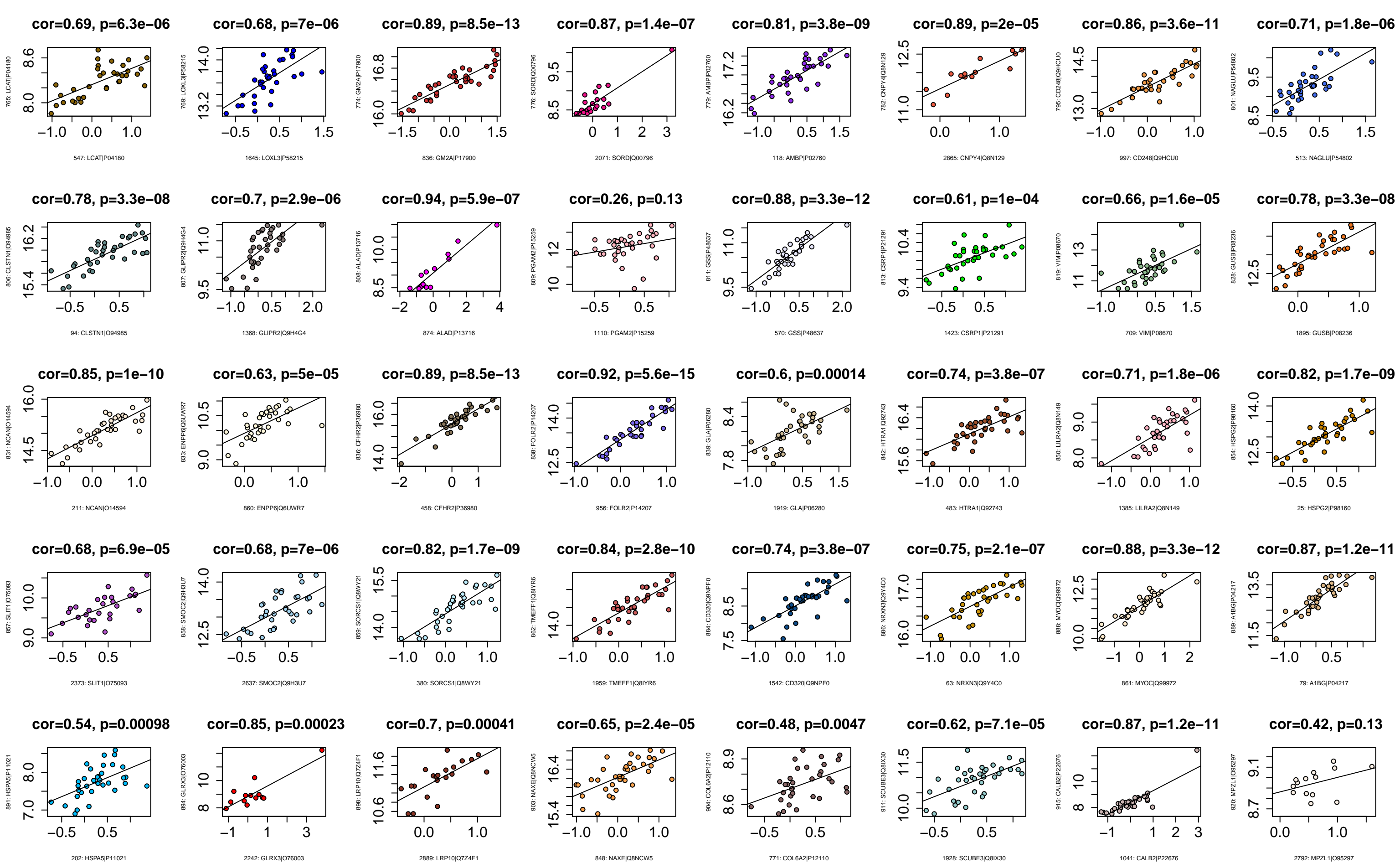


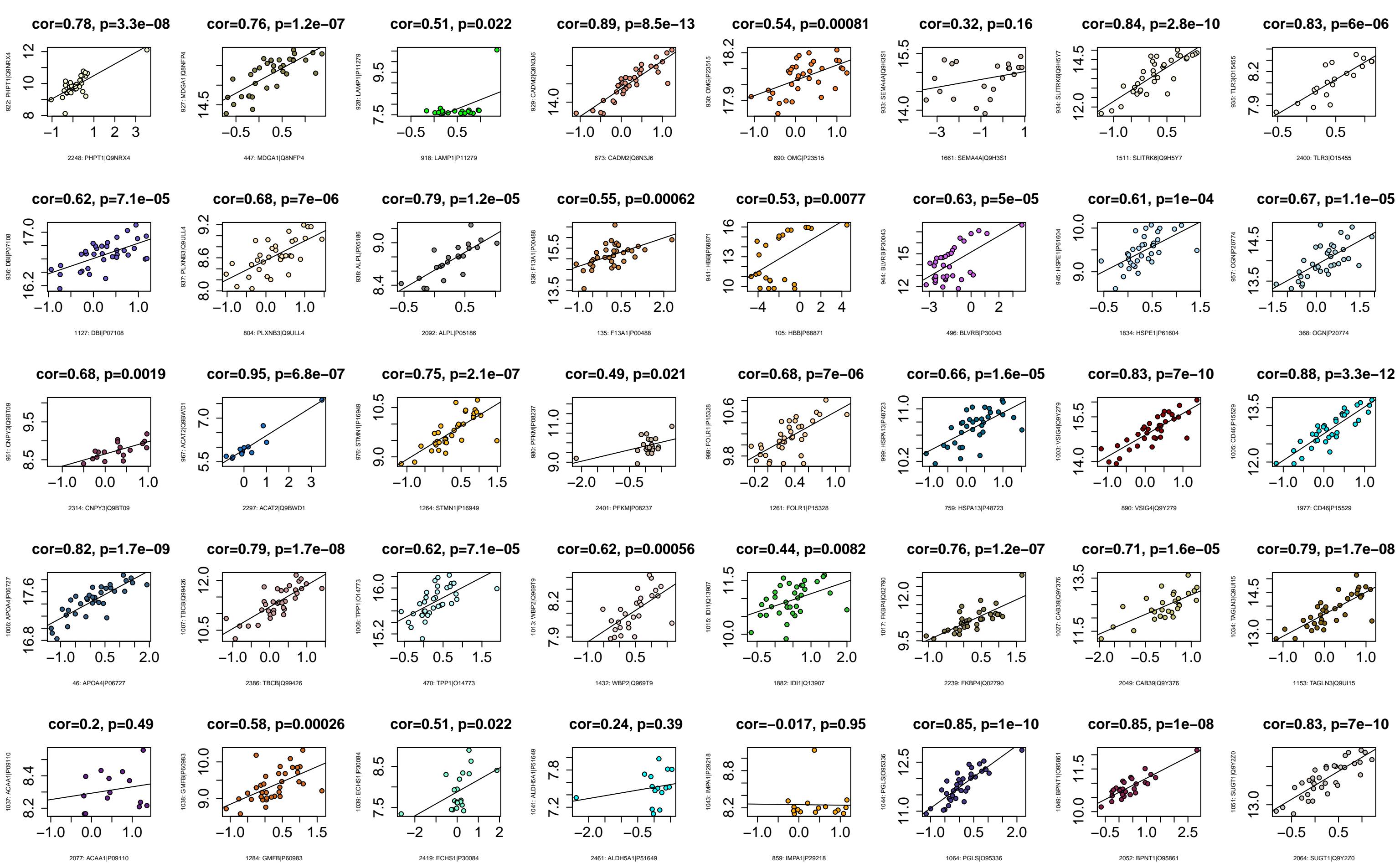


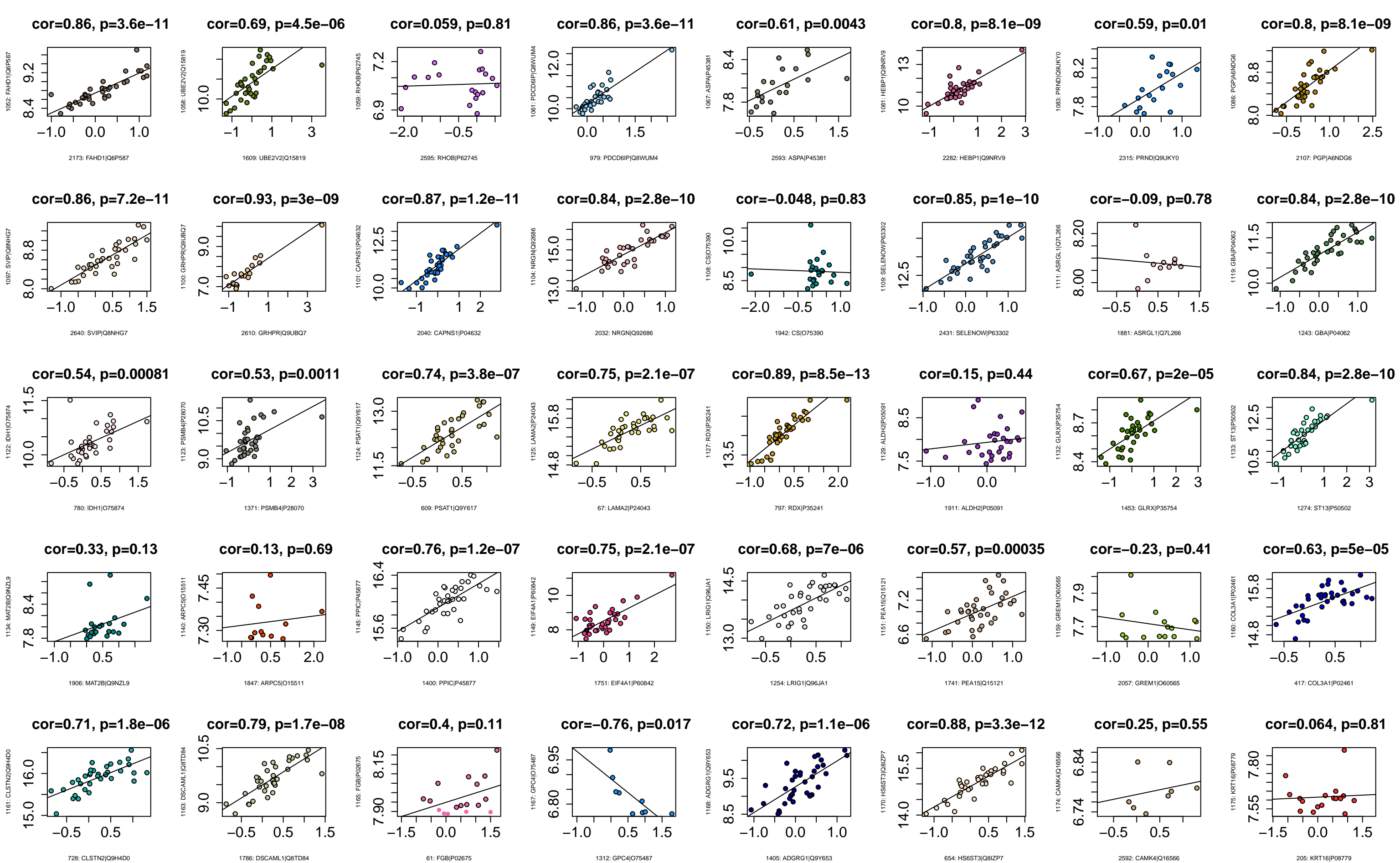


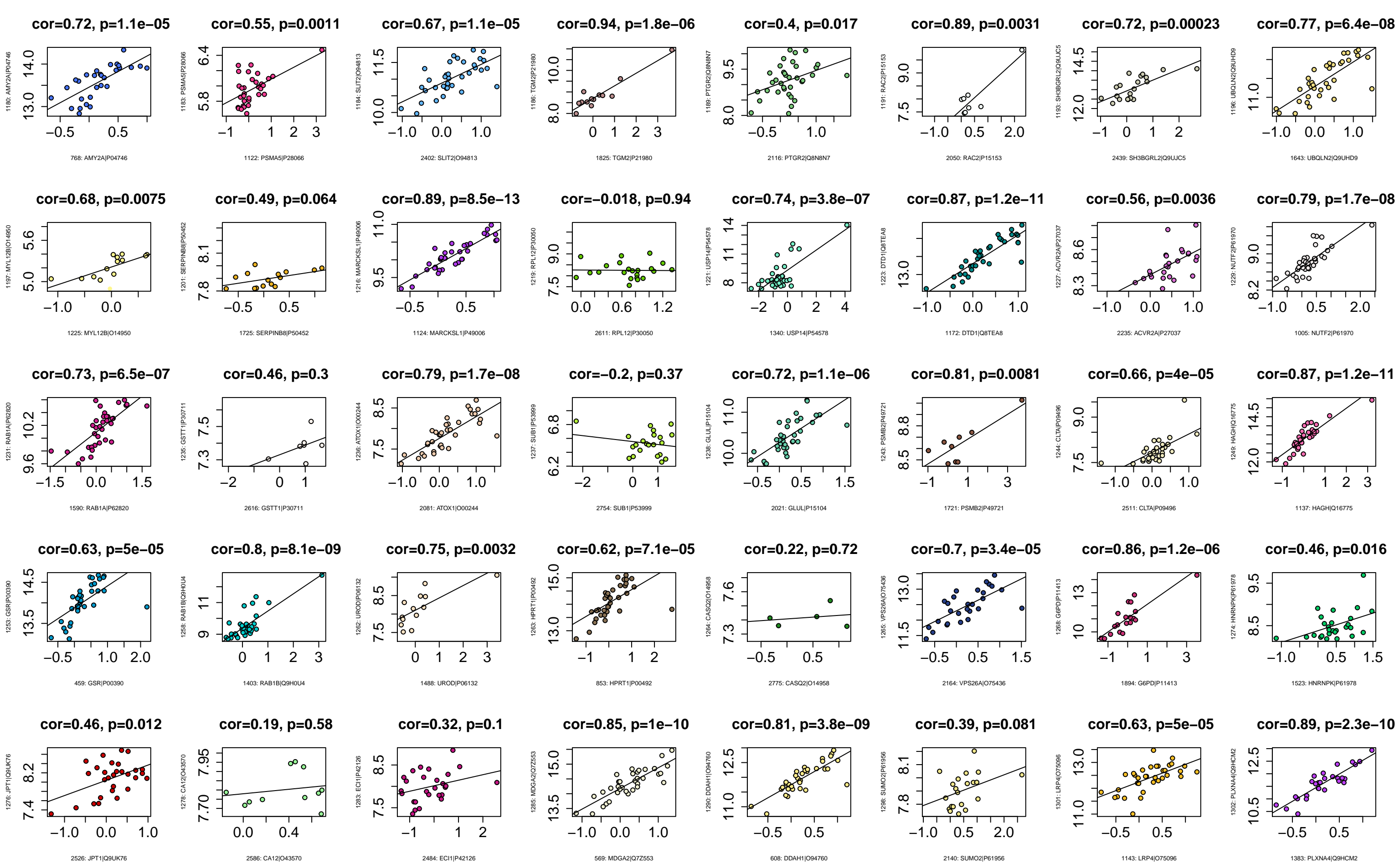


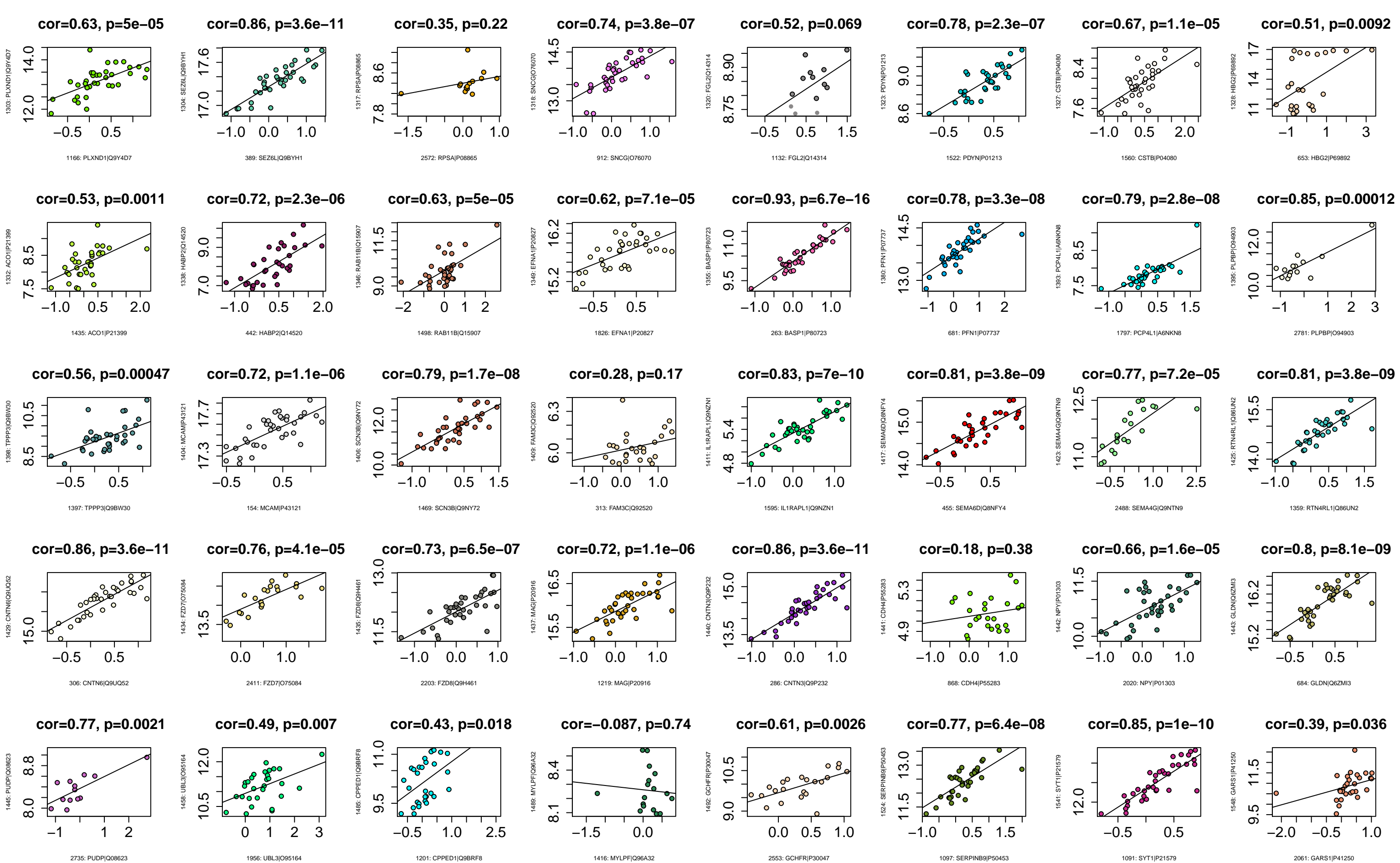


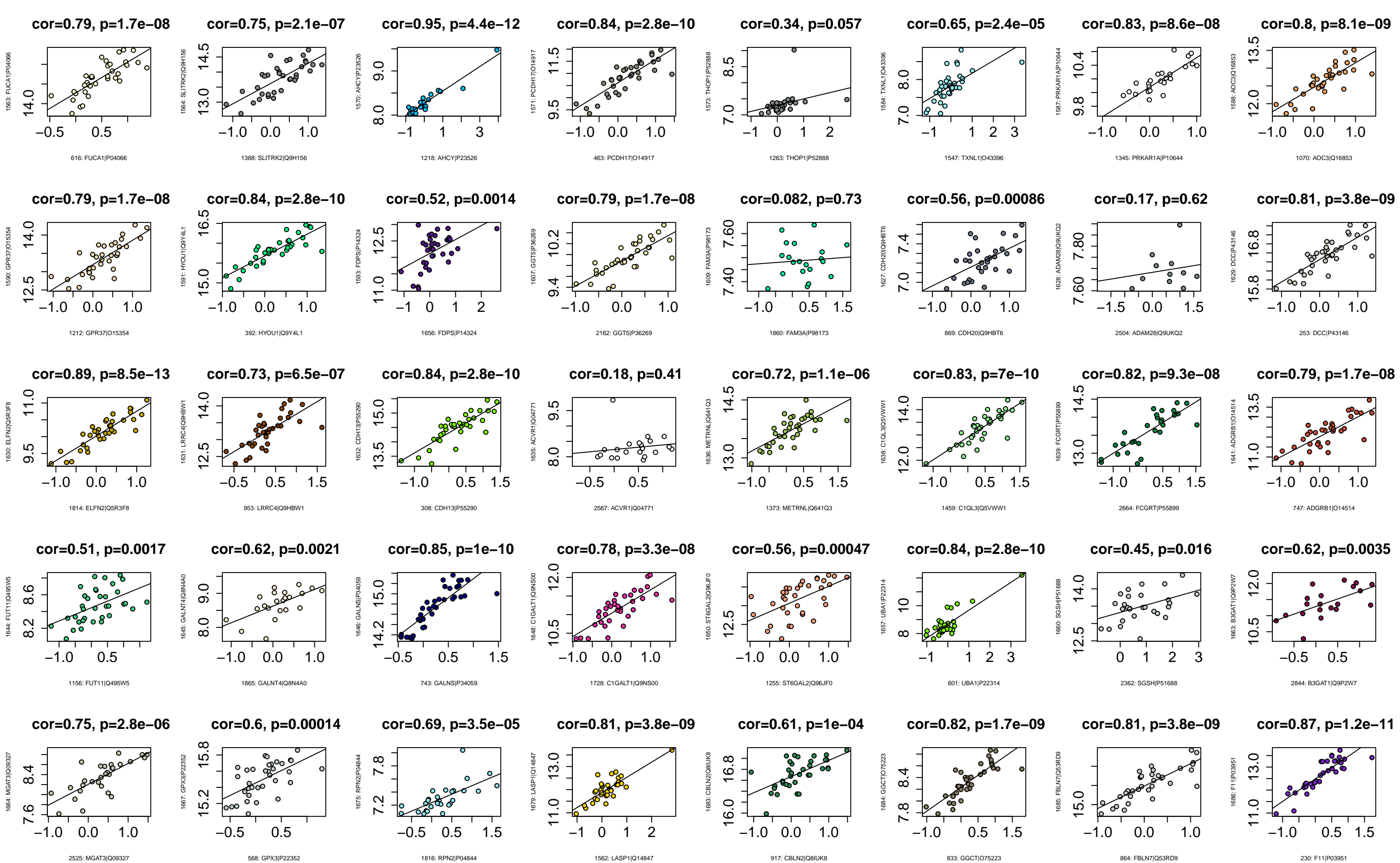


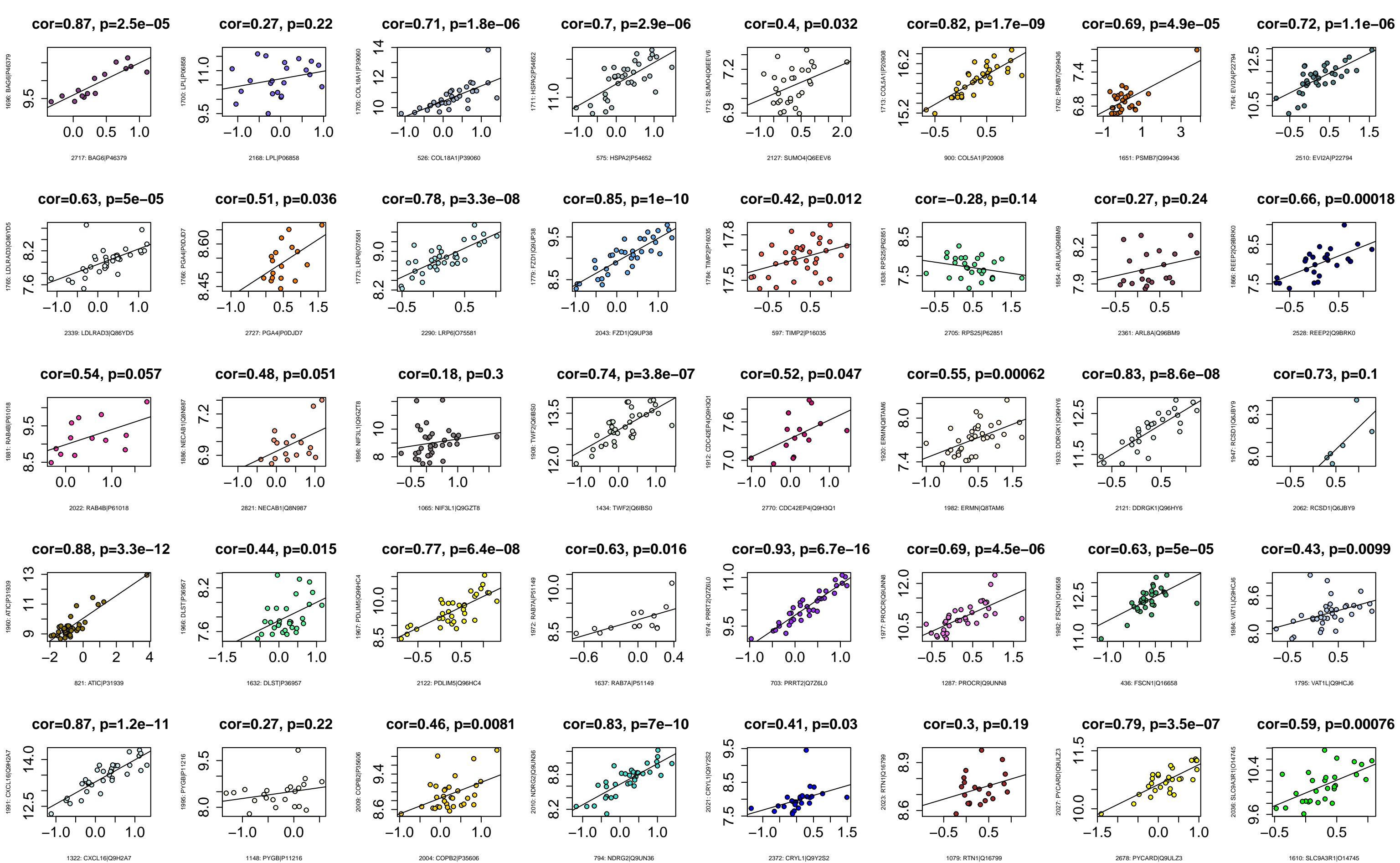


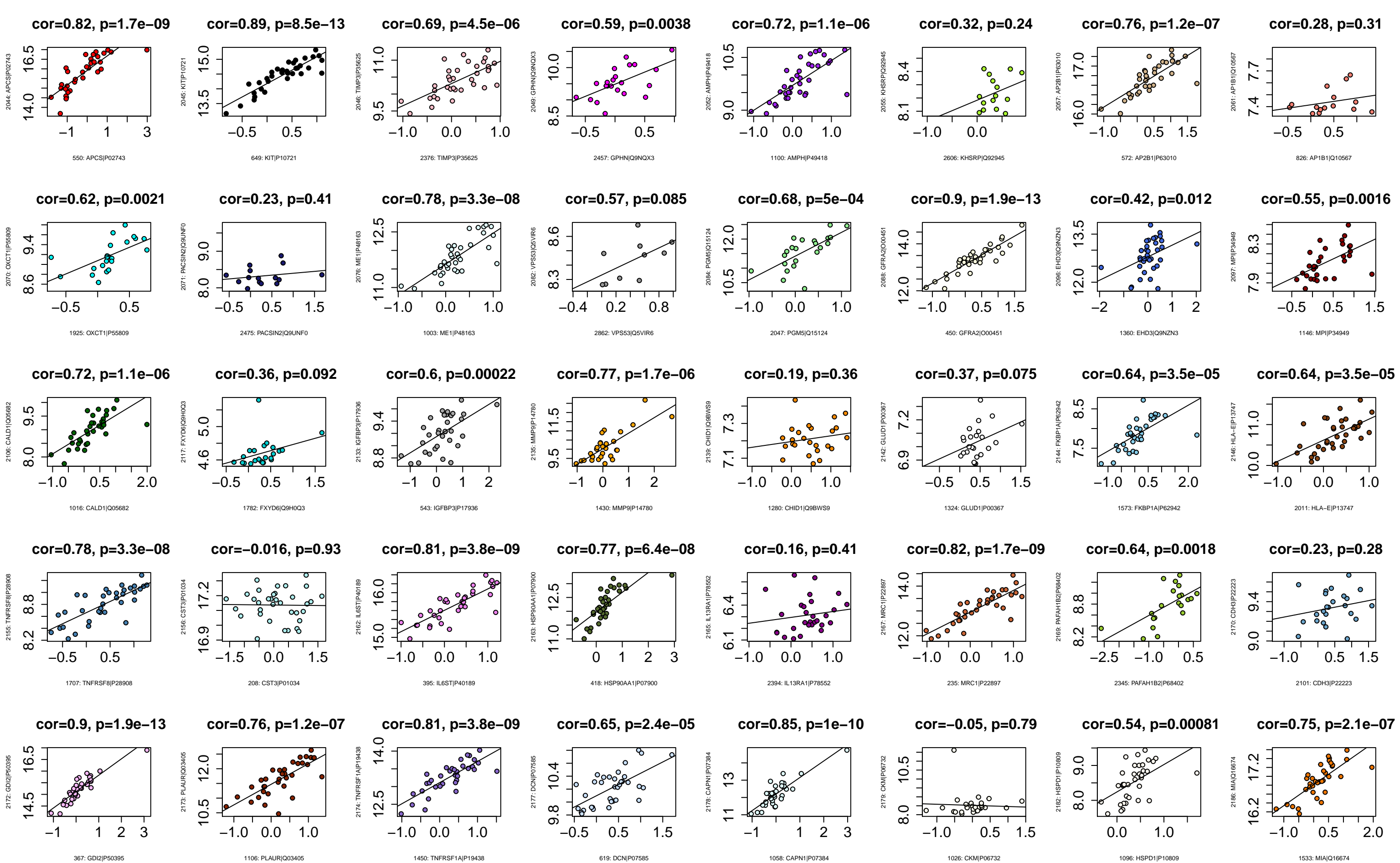


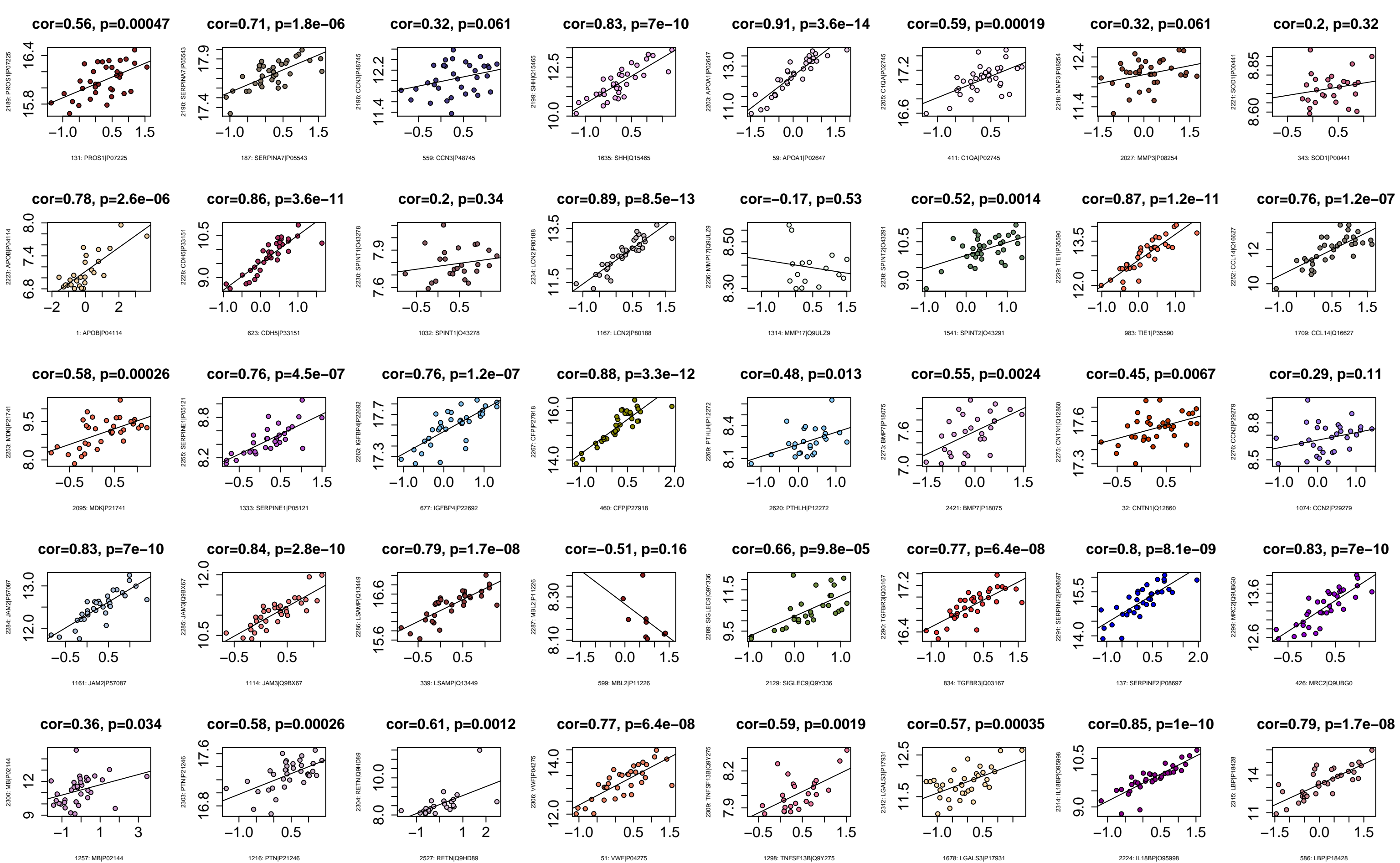


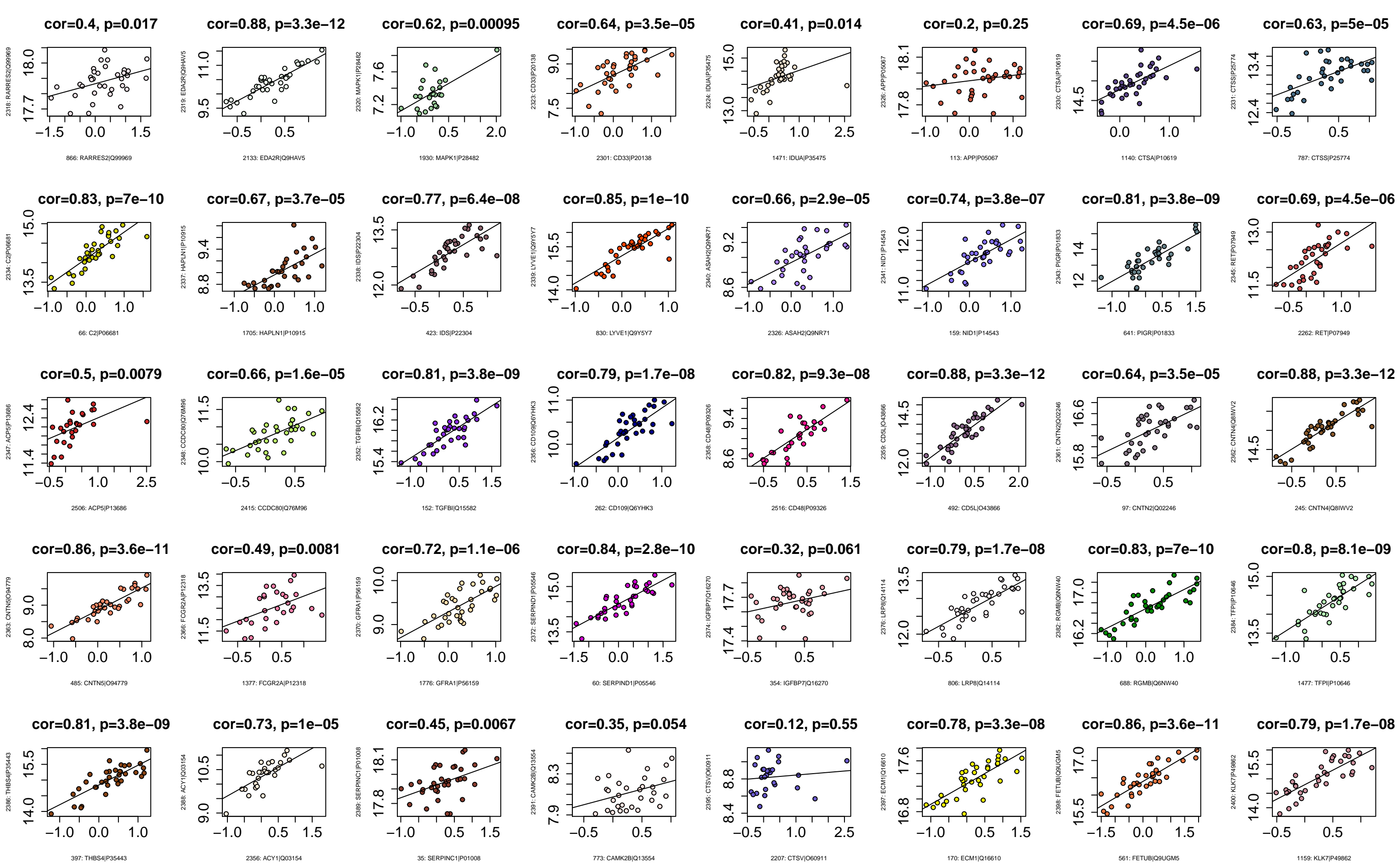


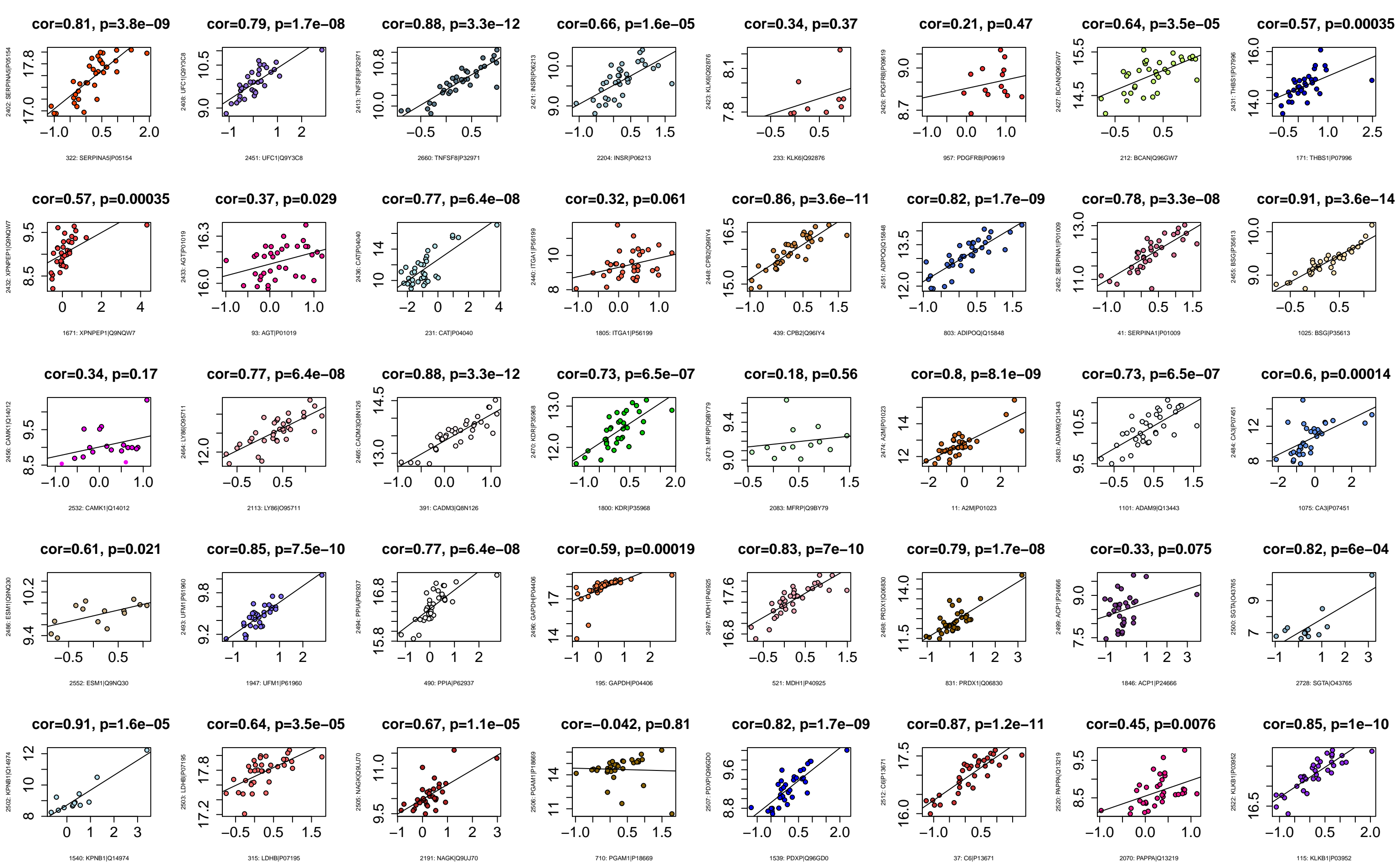


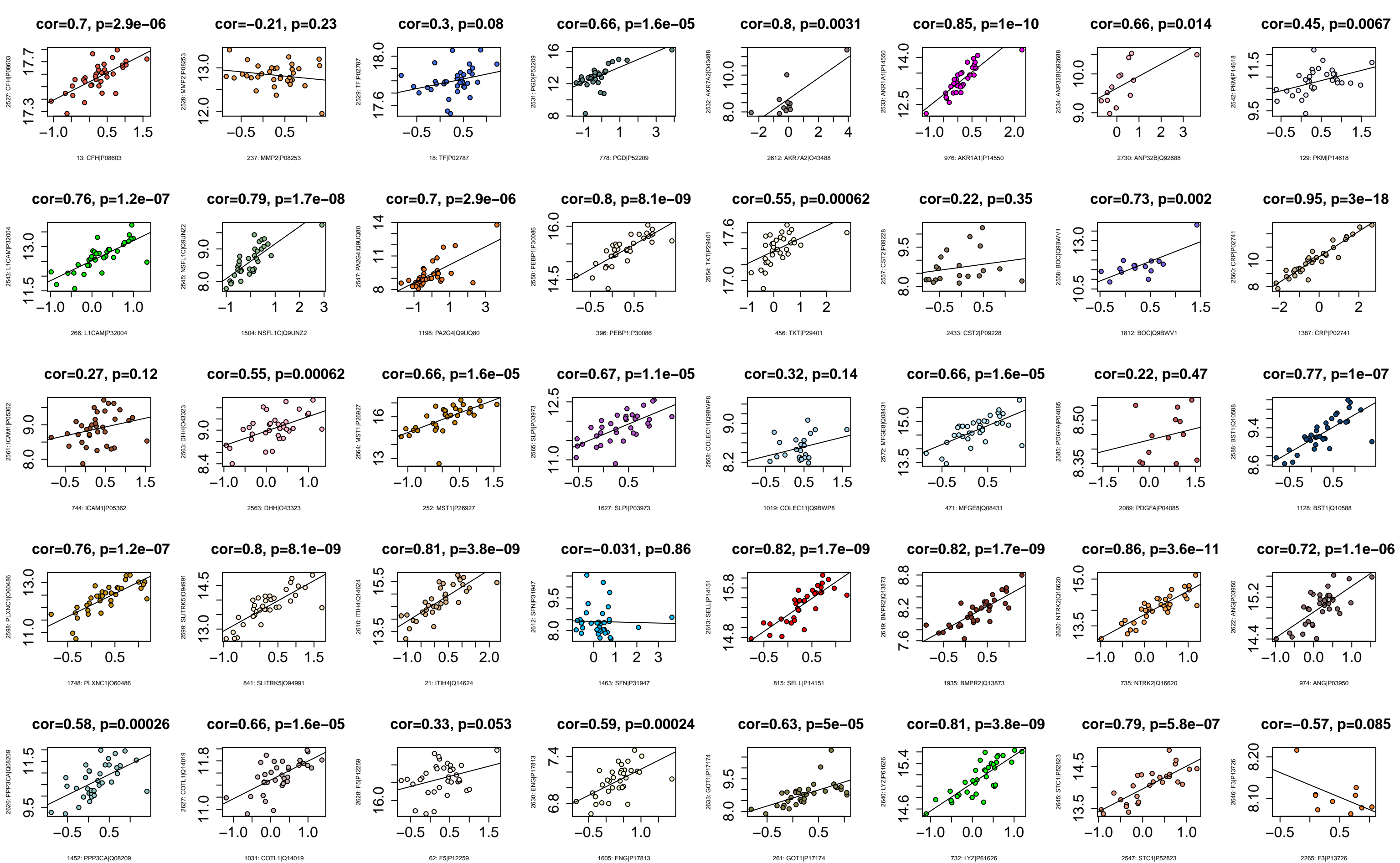


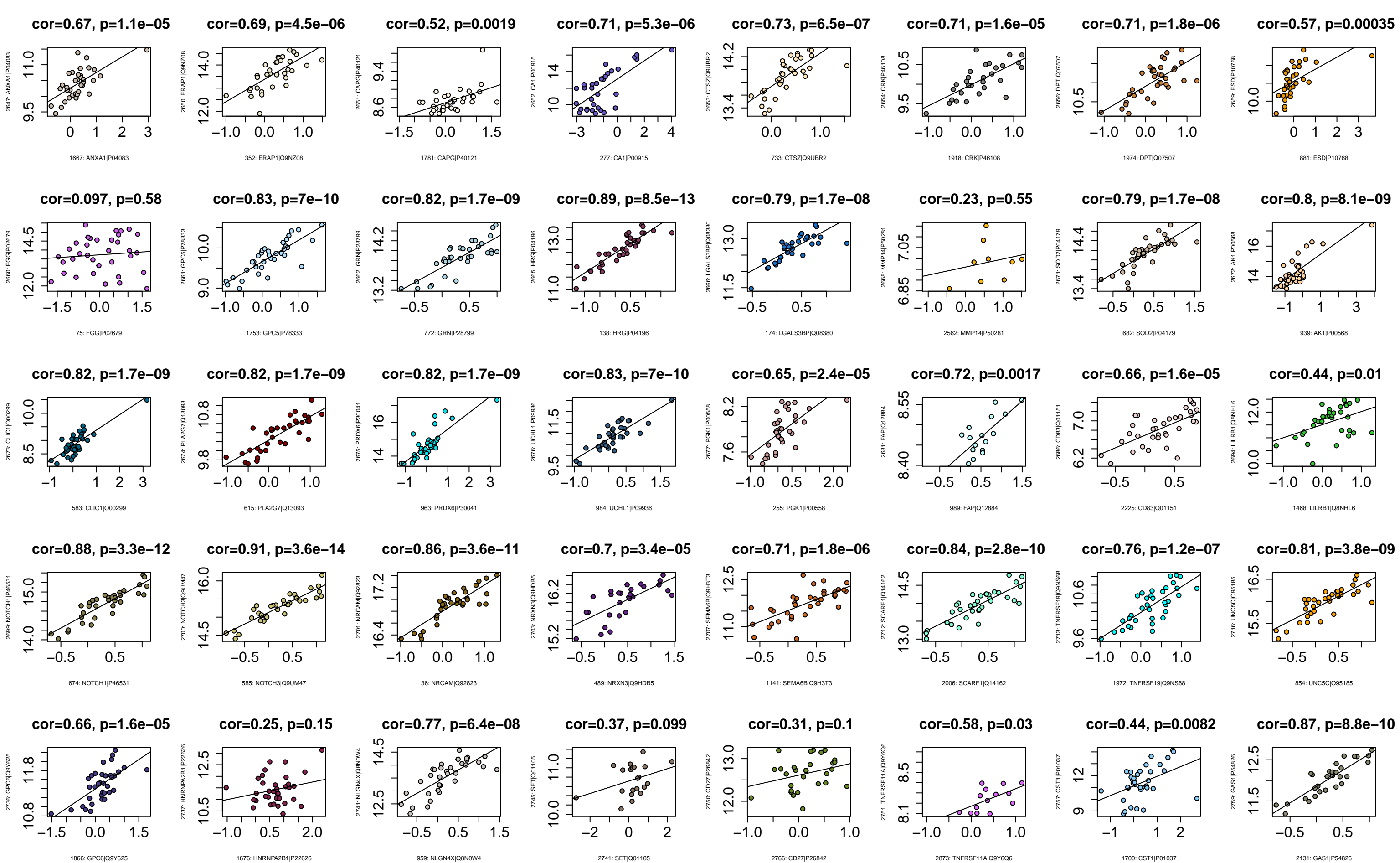


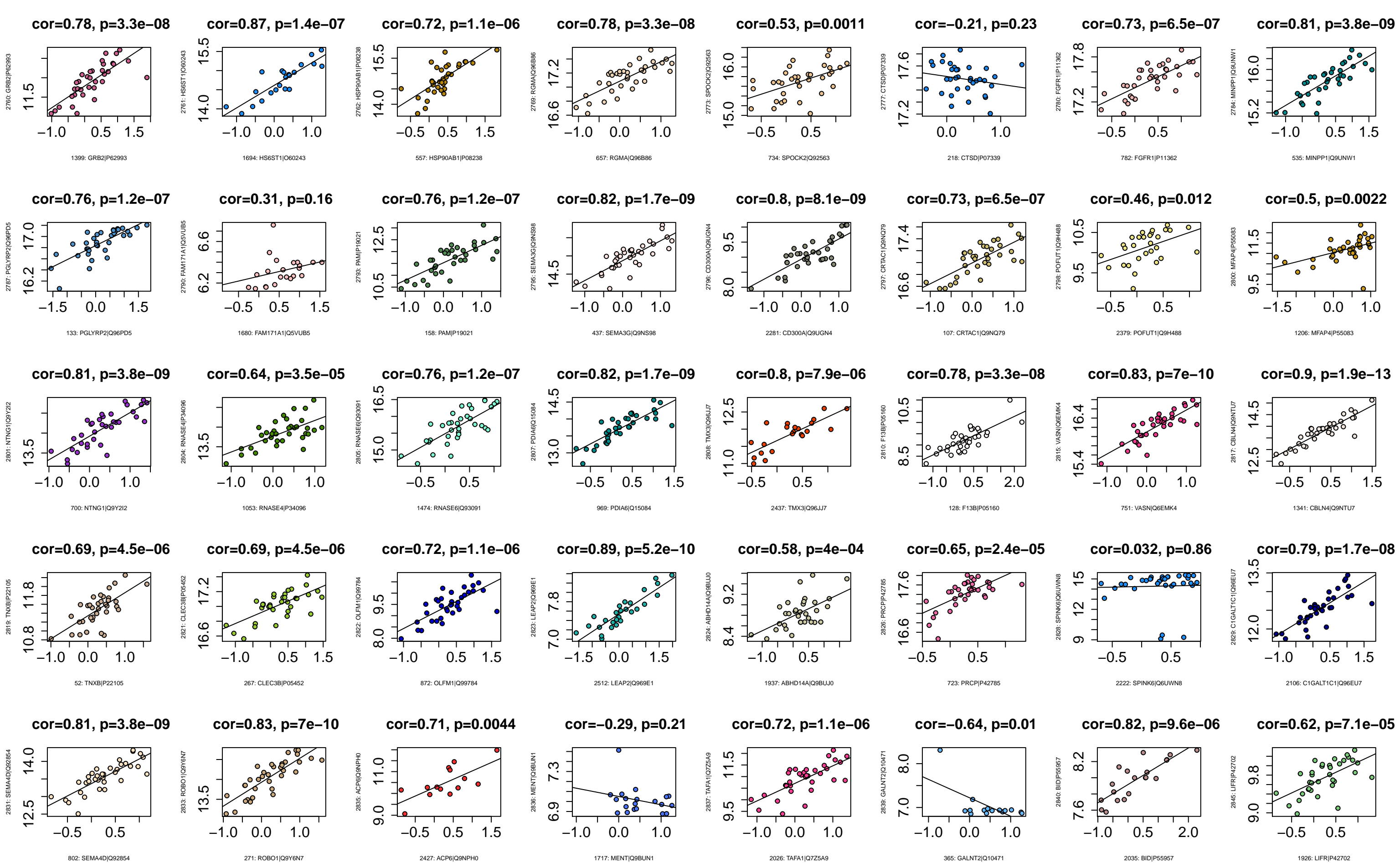


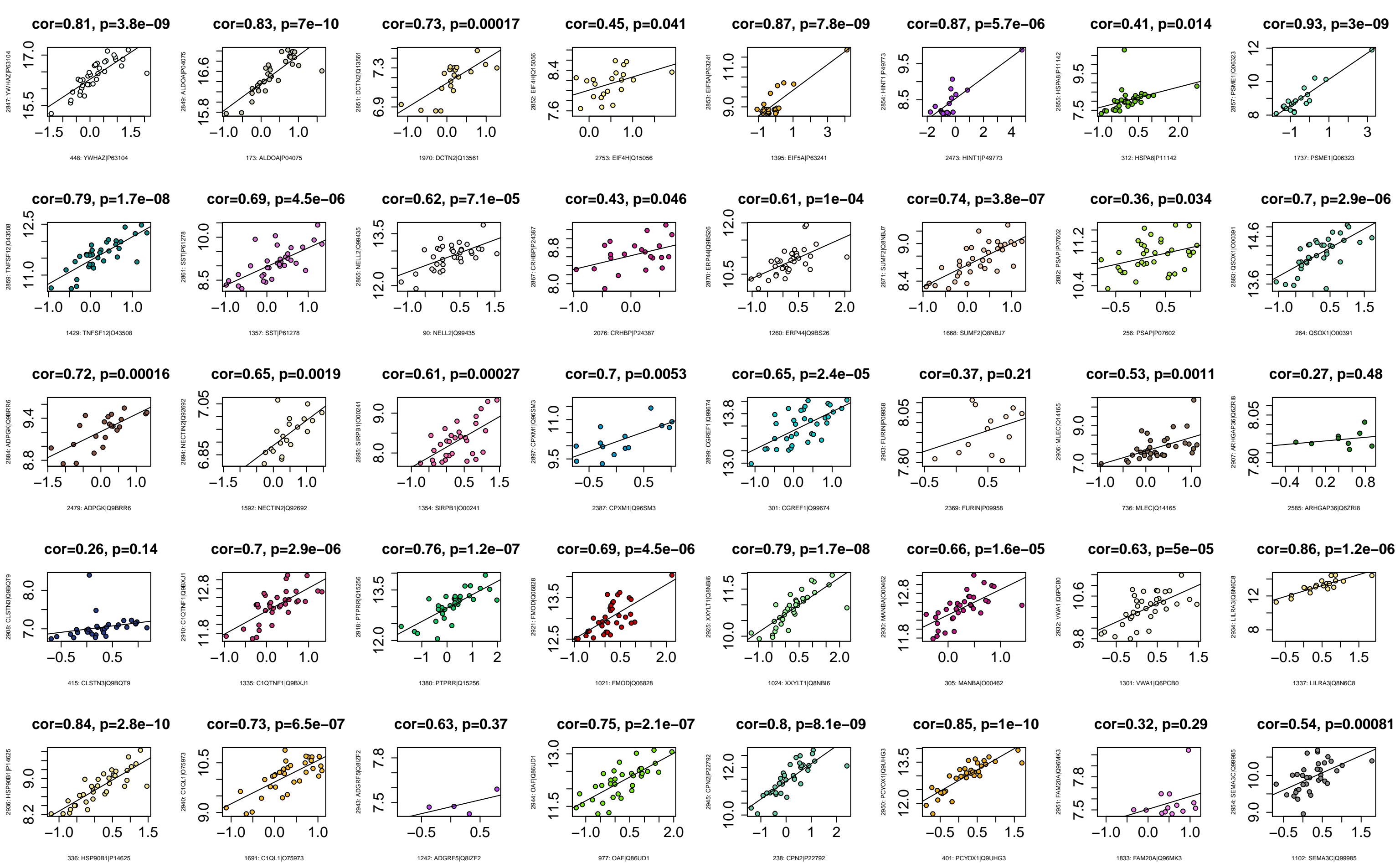


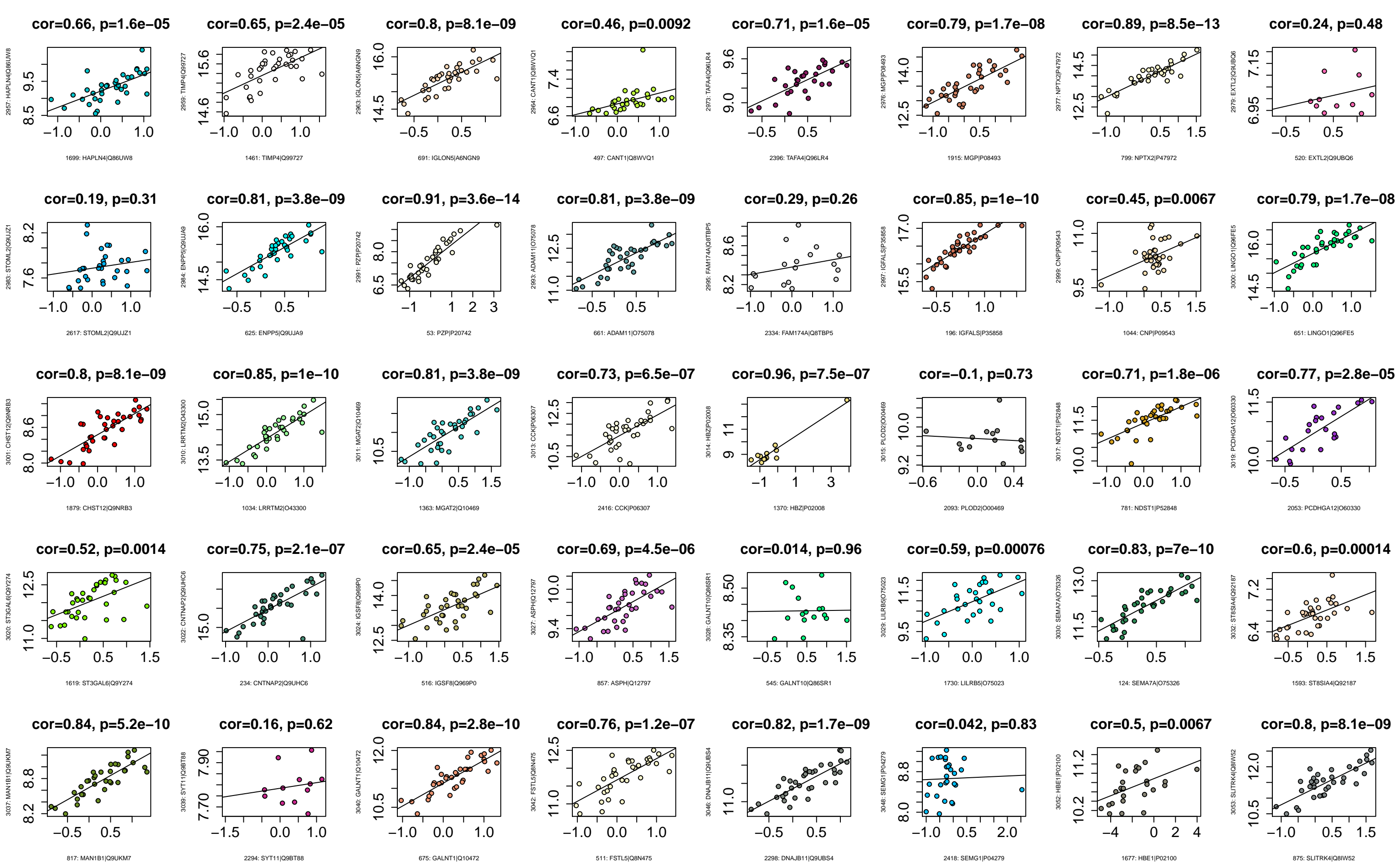


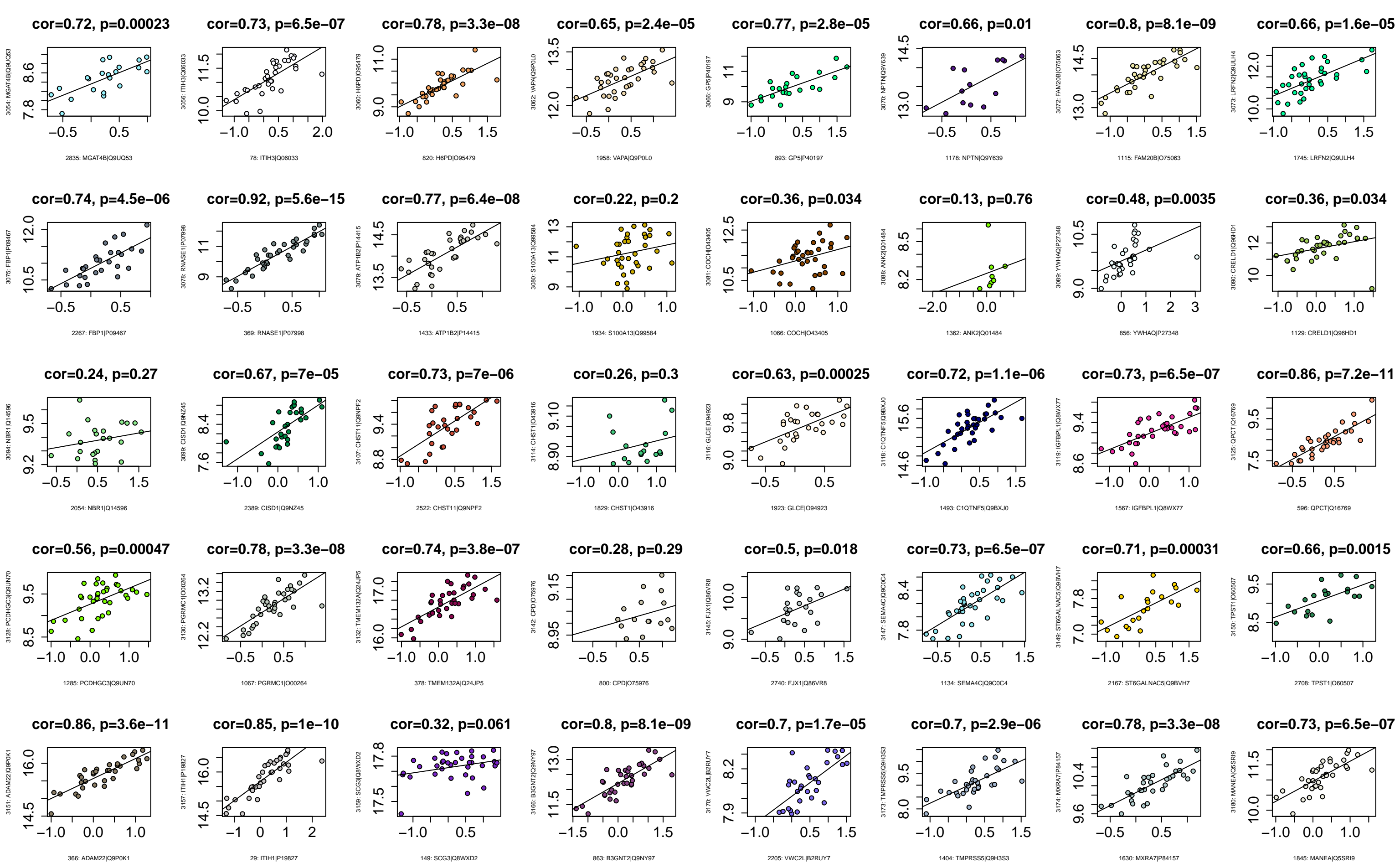


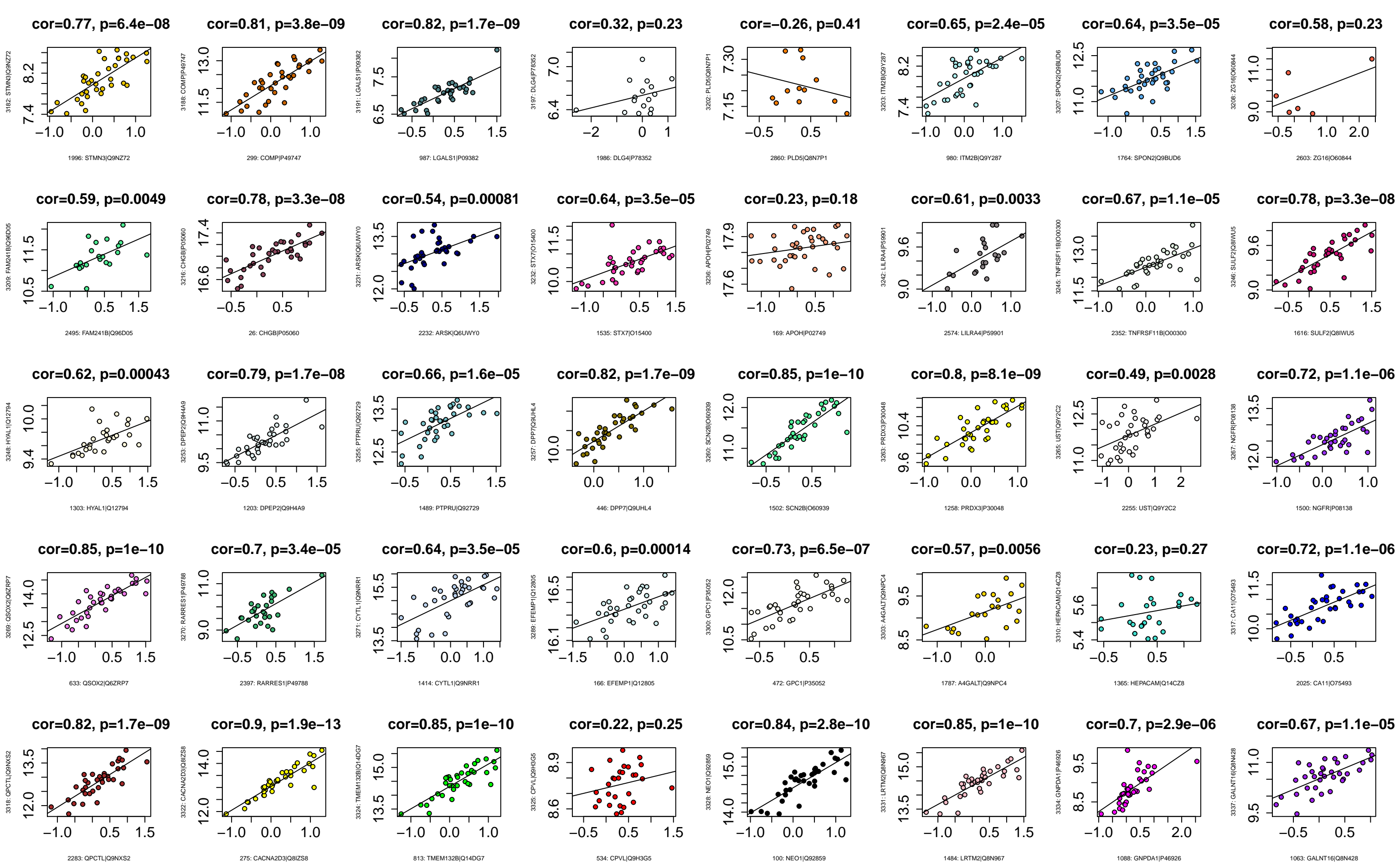


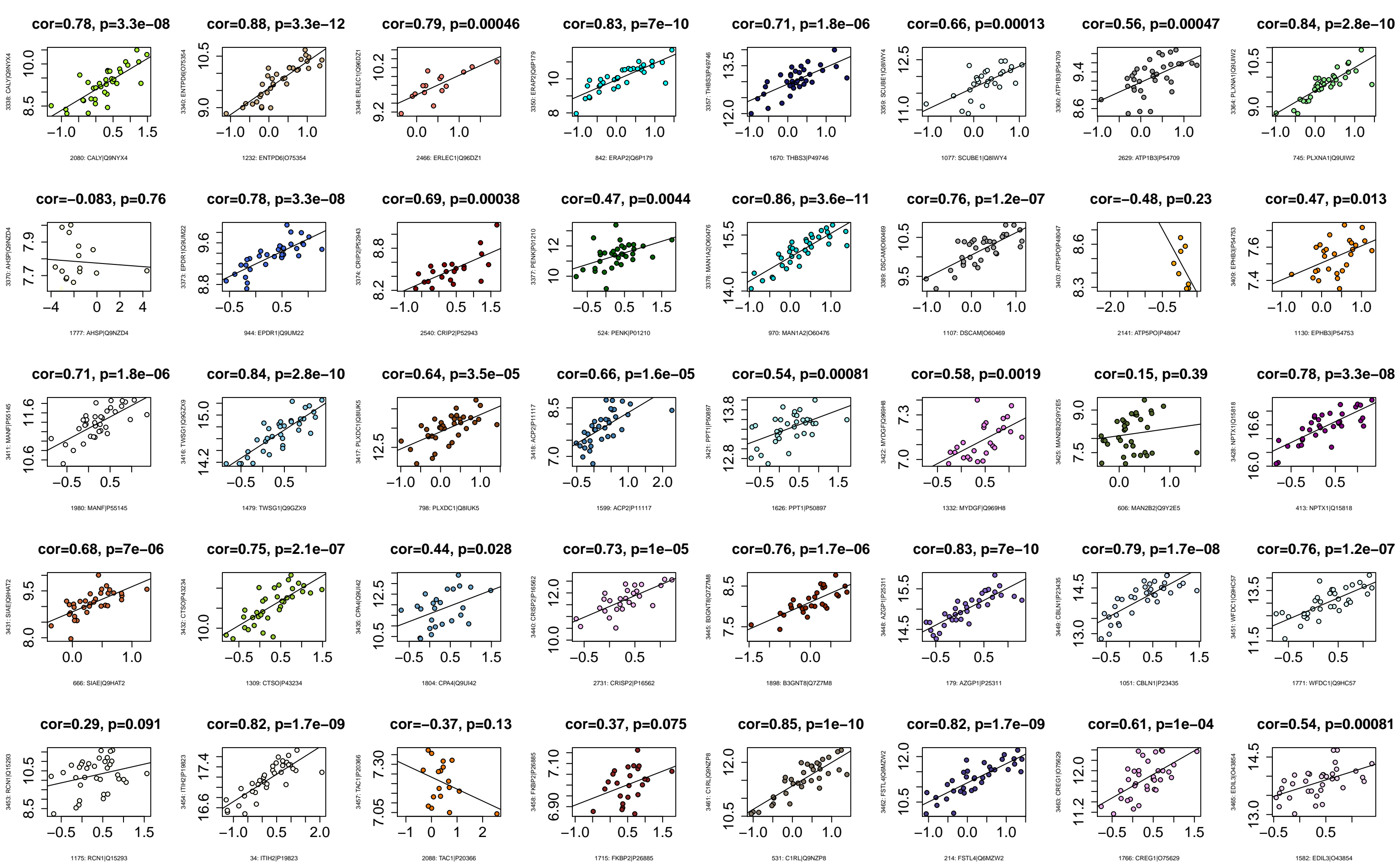


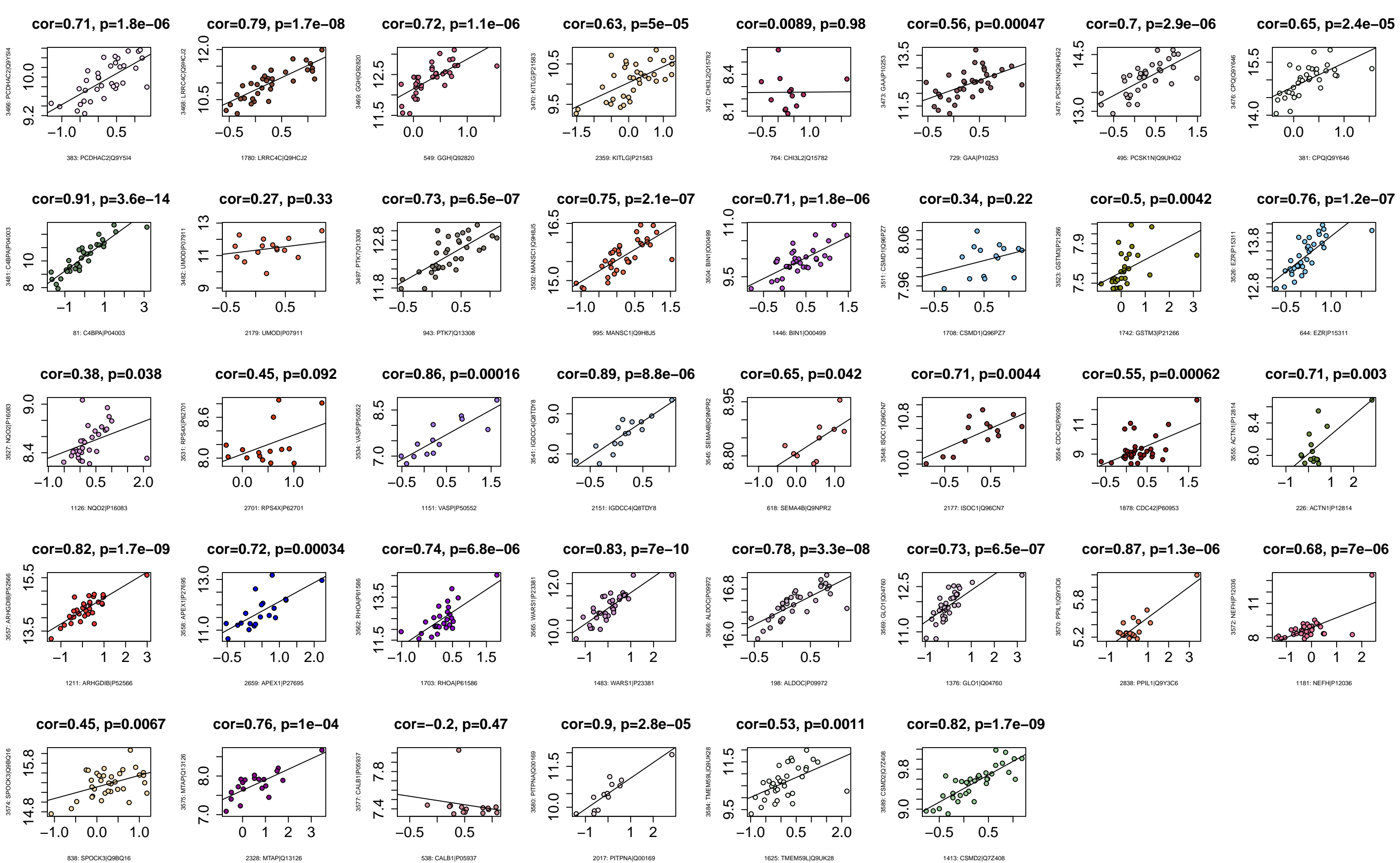


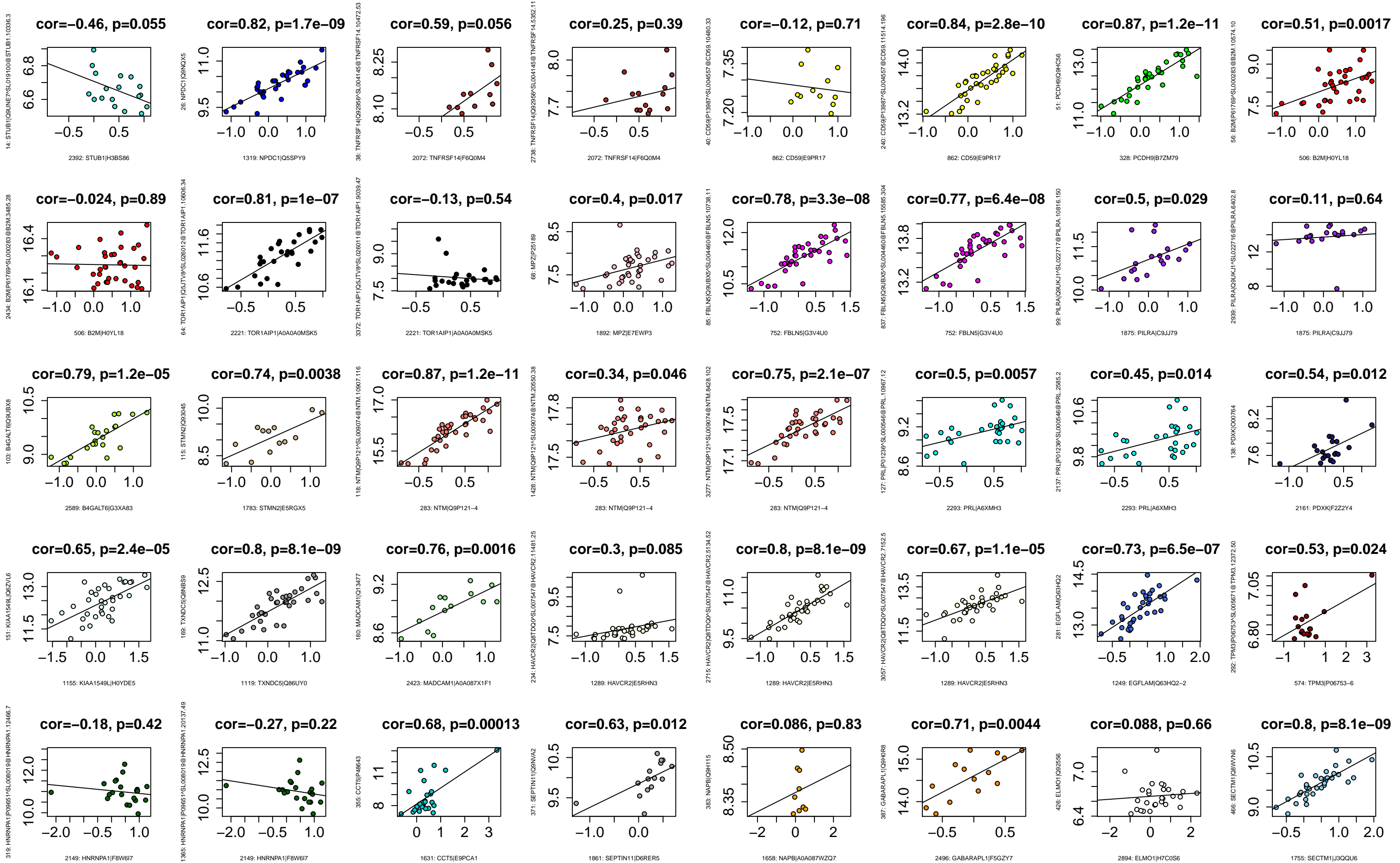


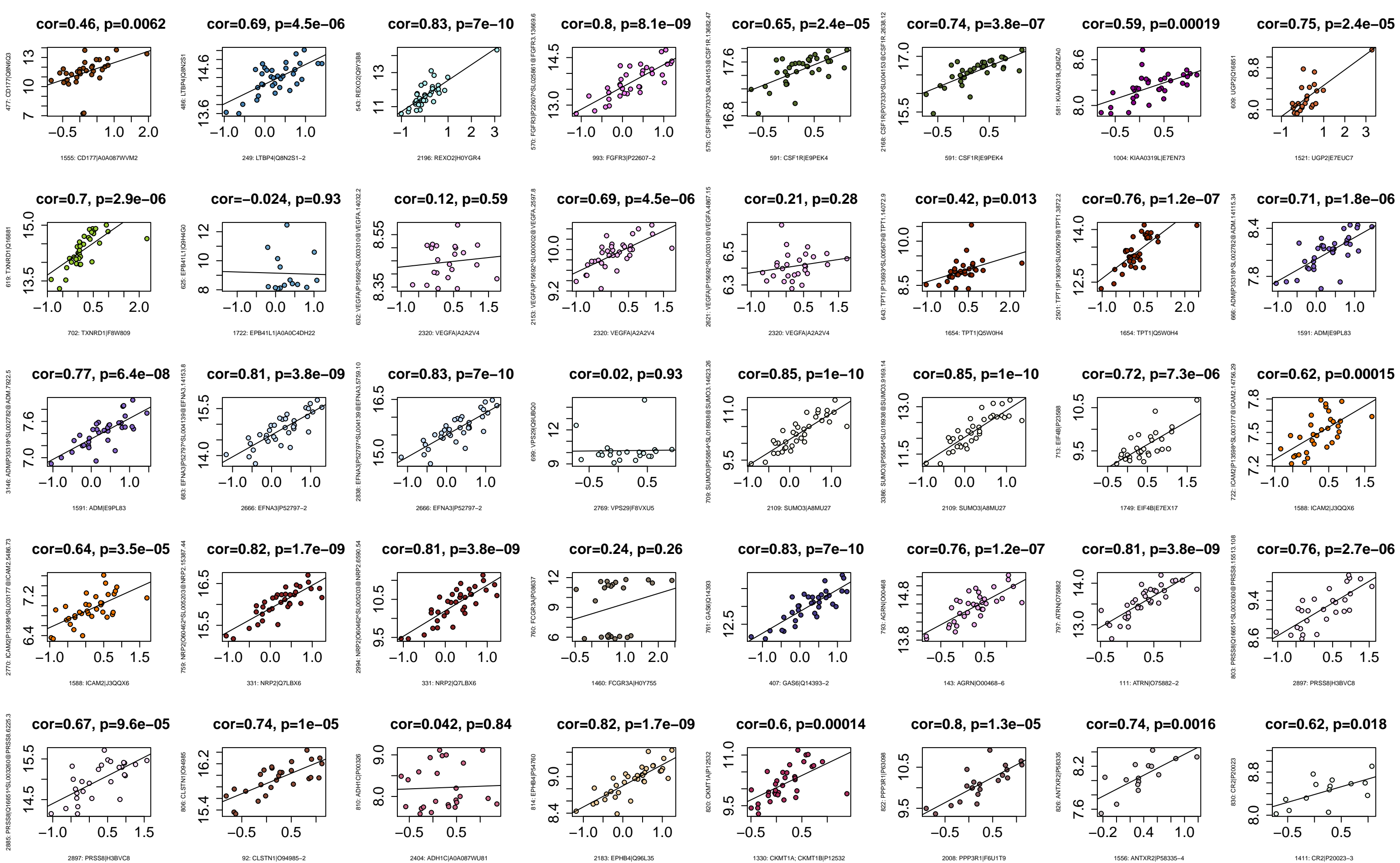


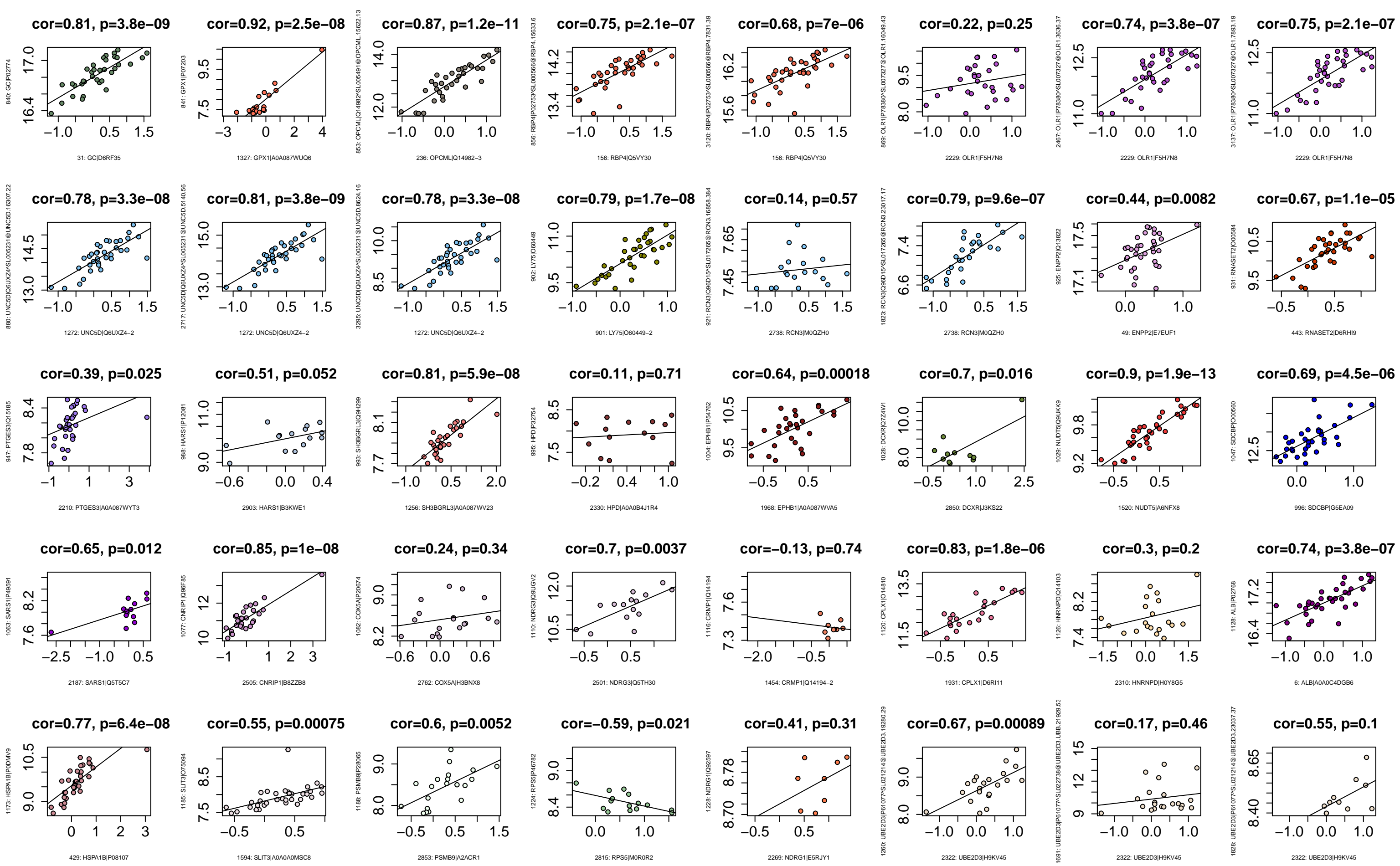


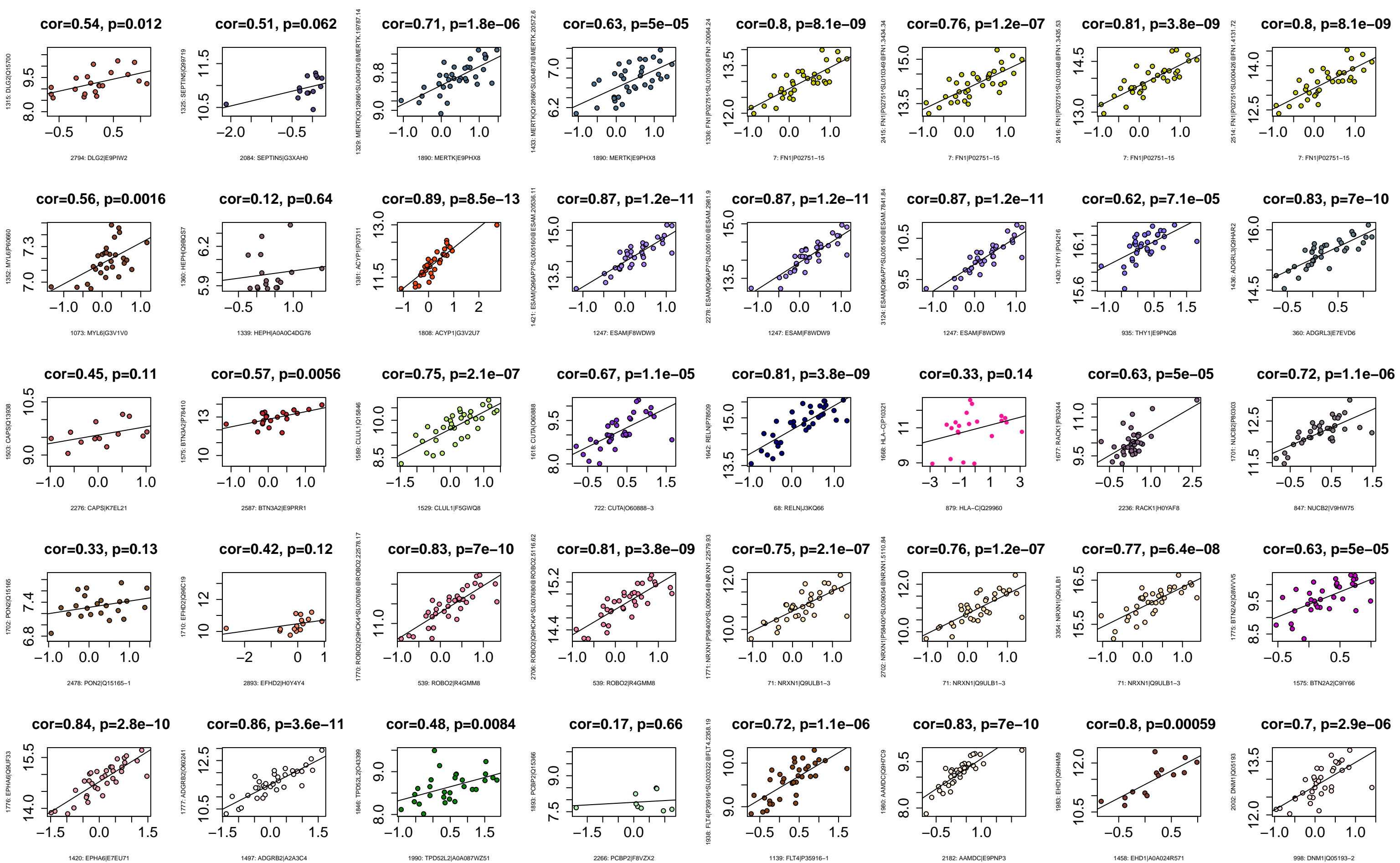


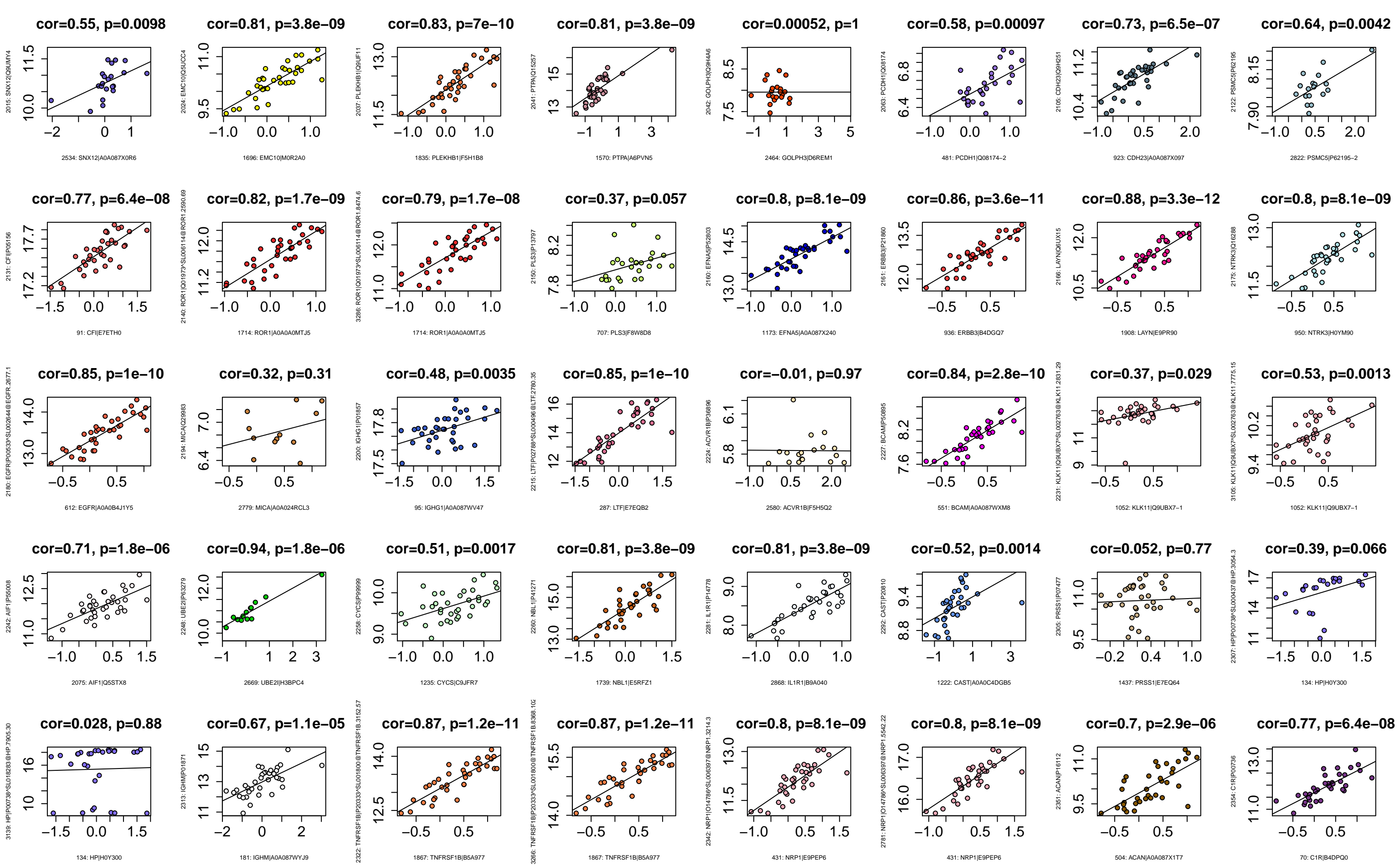


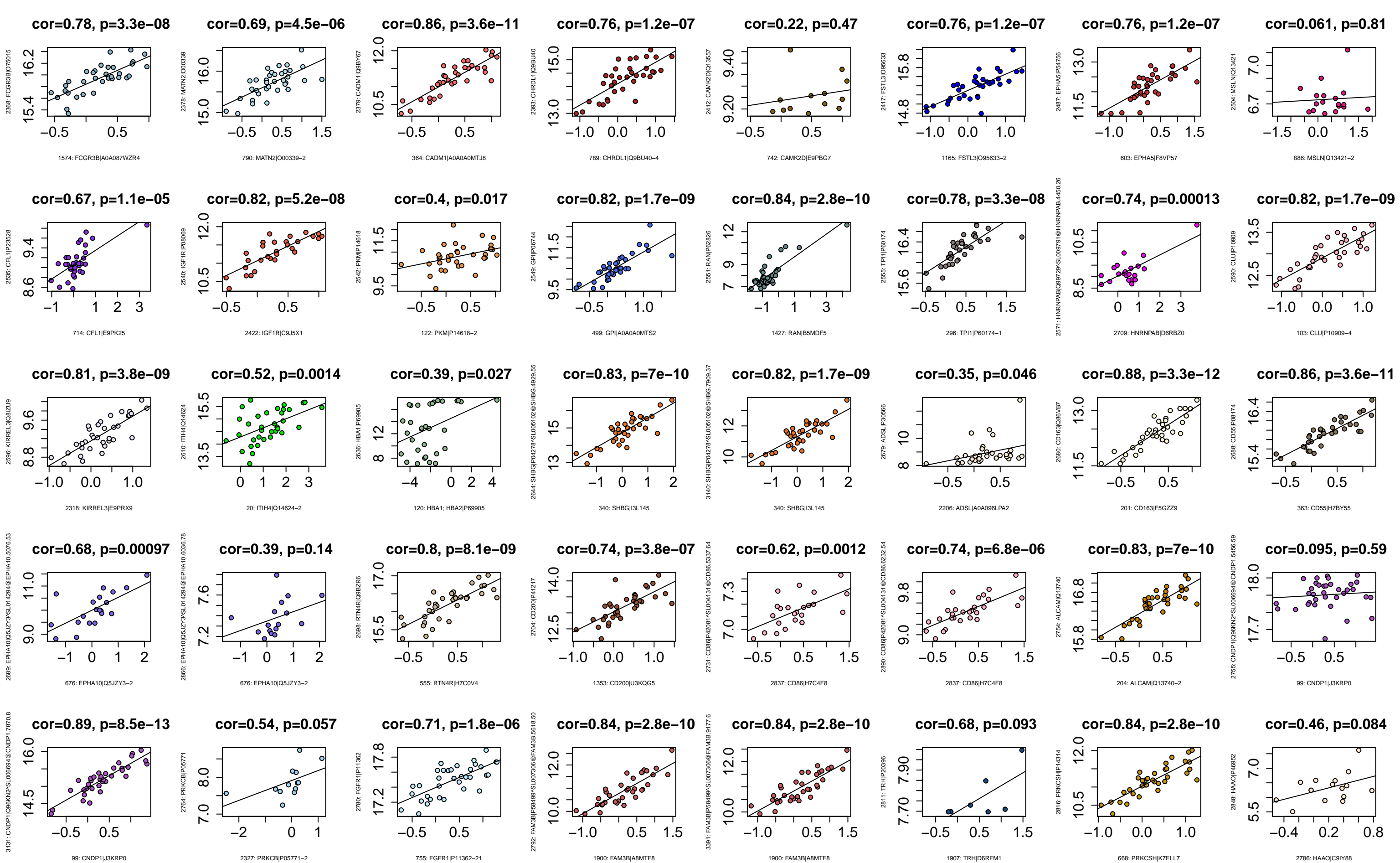


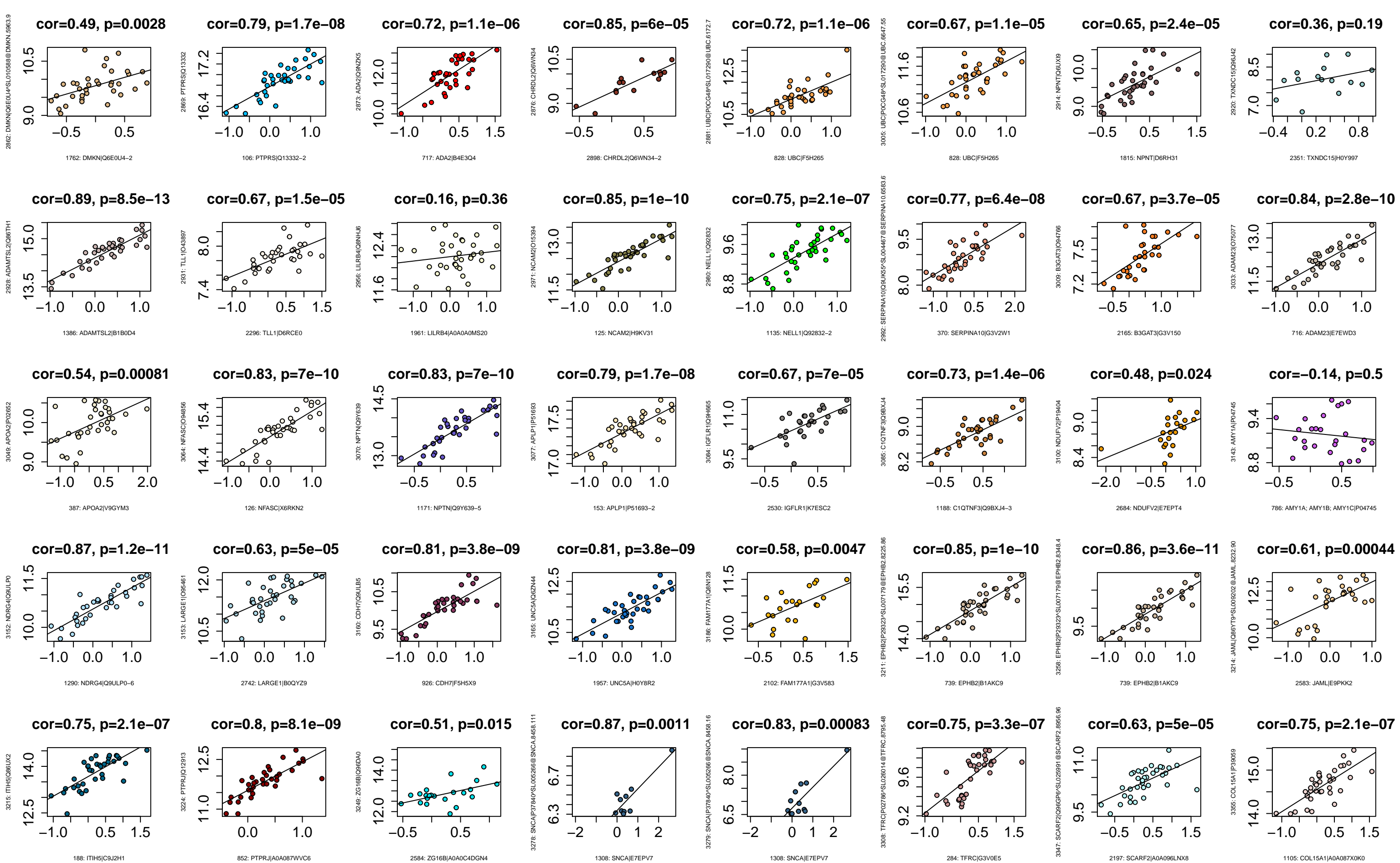






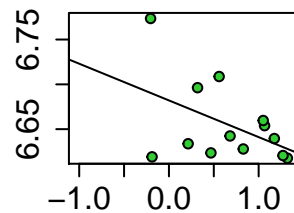






3366: TMEM25|Q68VD3

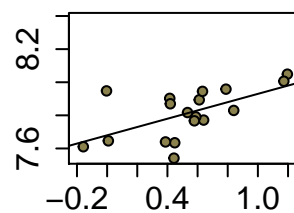
cor=-0.47, p=0.11



1785: TMEM25|E9PIE6

3397: CD63|P06962

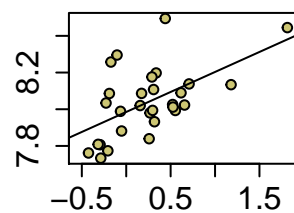
cor=0.6, p=0.0085



2816: CD63|F8VVK8

3399: LGALS7|P47929@SL005166@LGALS7.9196.8

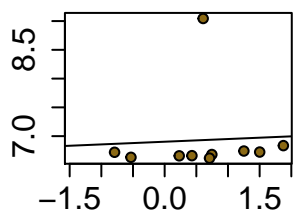
cor=0.56, p=0.0016



1693: LGALS7: LGALS7B|P47929

3424: DEFA1|P59665@SL004526@DEFA1.9250.87

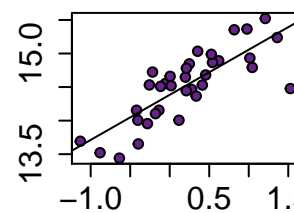
cor=0.052, p=0.89



1912: DEFA1: DEFA1B|P59665

3444: PTPRD|P23468

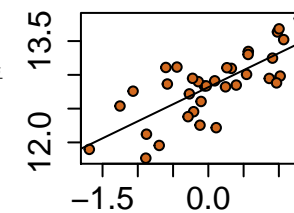
cor=0.8, p=8.1e-09



132: PTPRD|P23468-2

3464: DLK2|Q6UY11

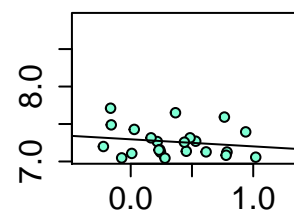
cor=0.75, p=2.1e-07



1765: DLK2|Q5T3T9

3525: YBX1|P67809

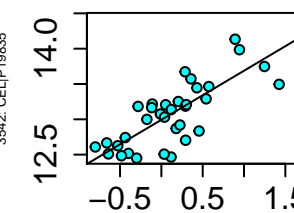
cor=-0.17, p=0.44



2144: YBX1|H0Y449

3542: CELF|P19835

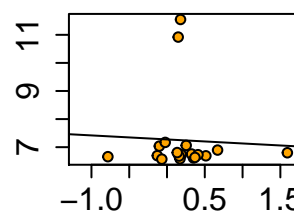
cor=0.81, p=3.8e-09



1061: CELF|X6R868

3556: ACTN2|P35609

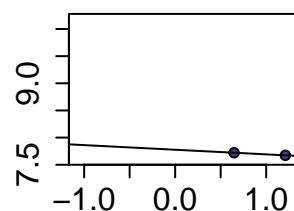
cor=-0.045, p=0.85



705: ACTN2|P35609-2

3585: PCDHB10|Q9UN67

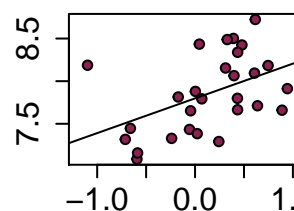
cor=-1, p=NaN



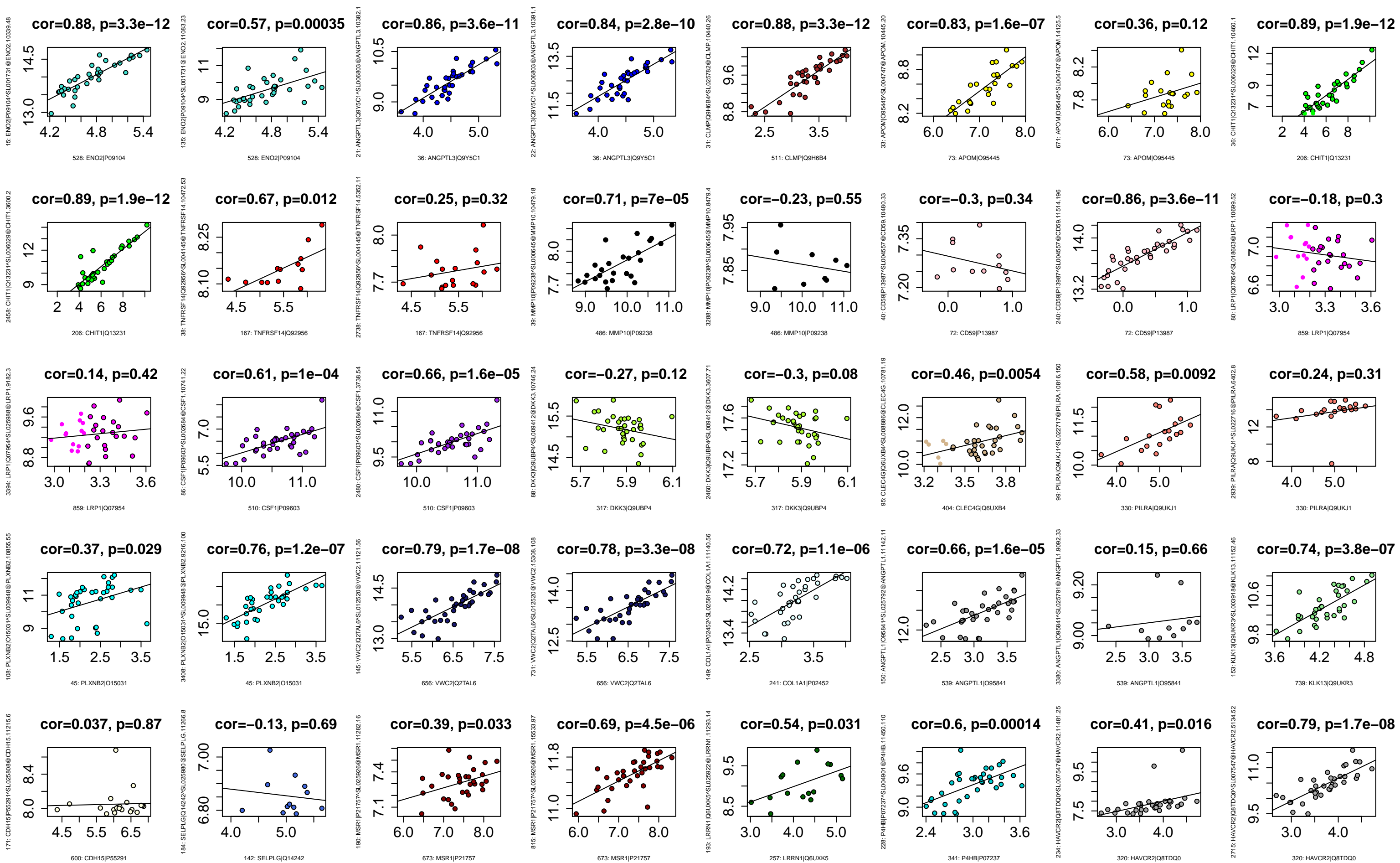
1608: PCDHB10|A0A0A0MTM6

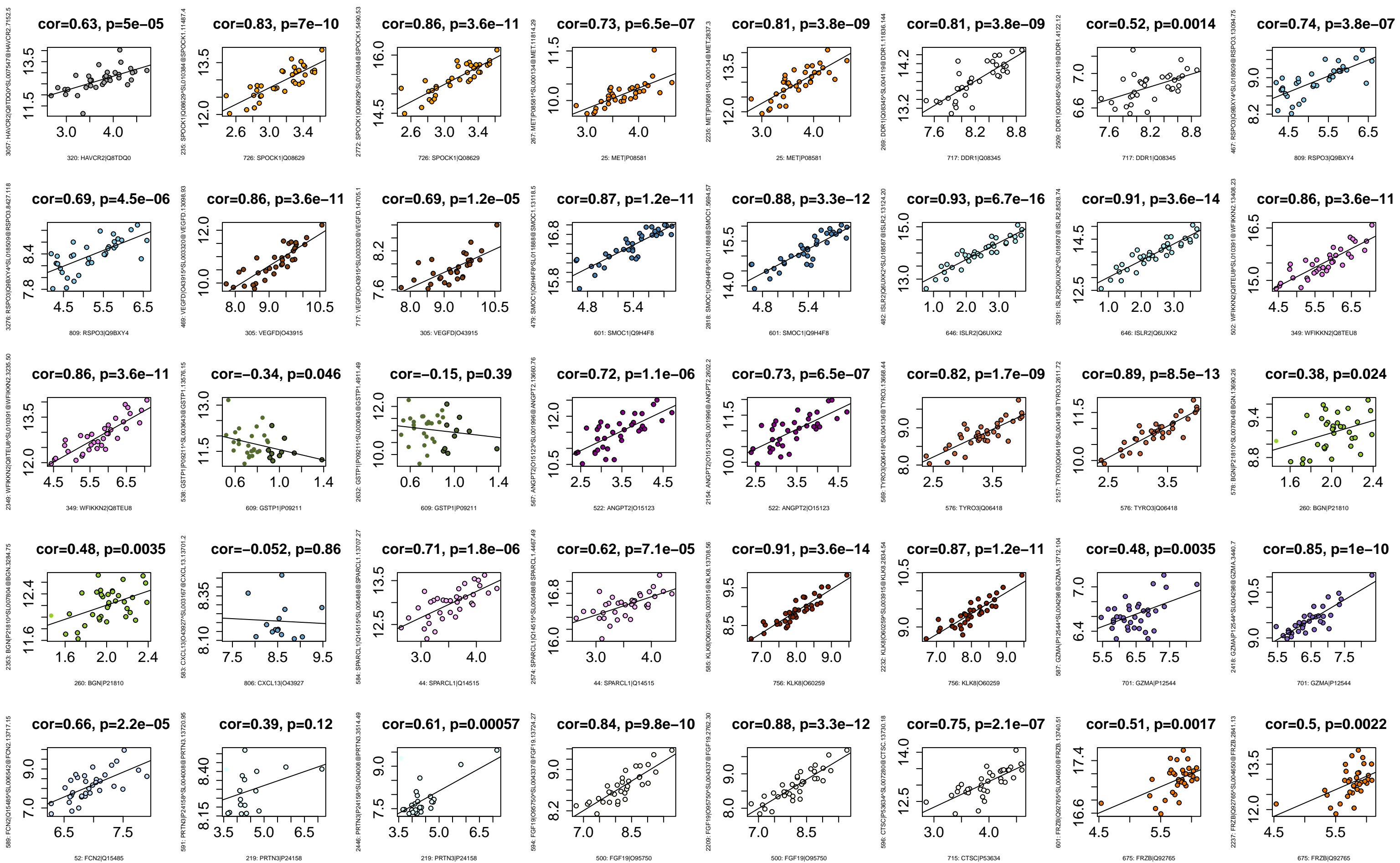
3591: NPW|Q8NT29

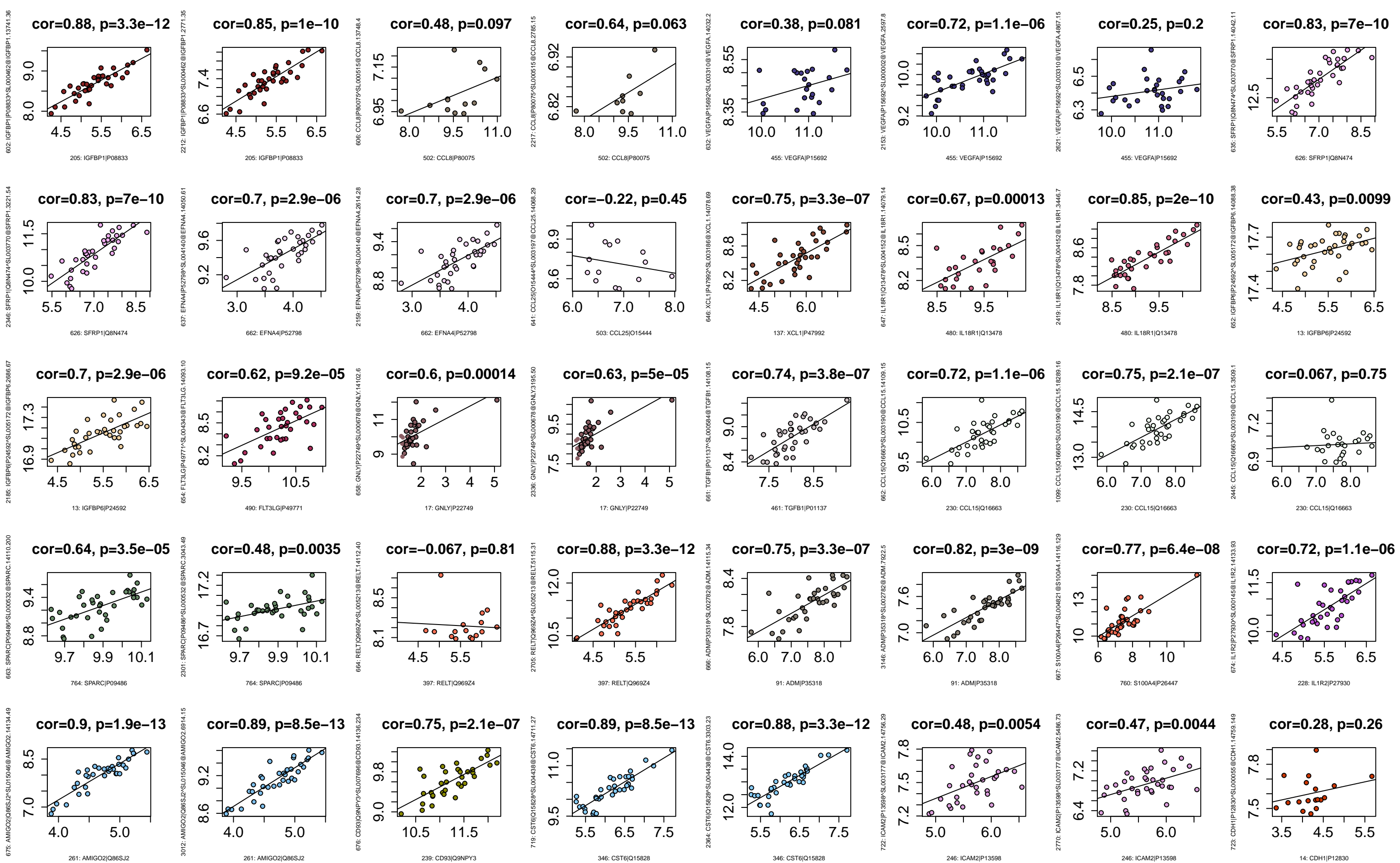
cor=0.46, p=0.014

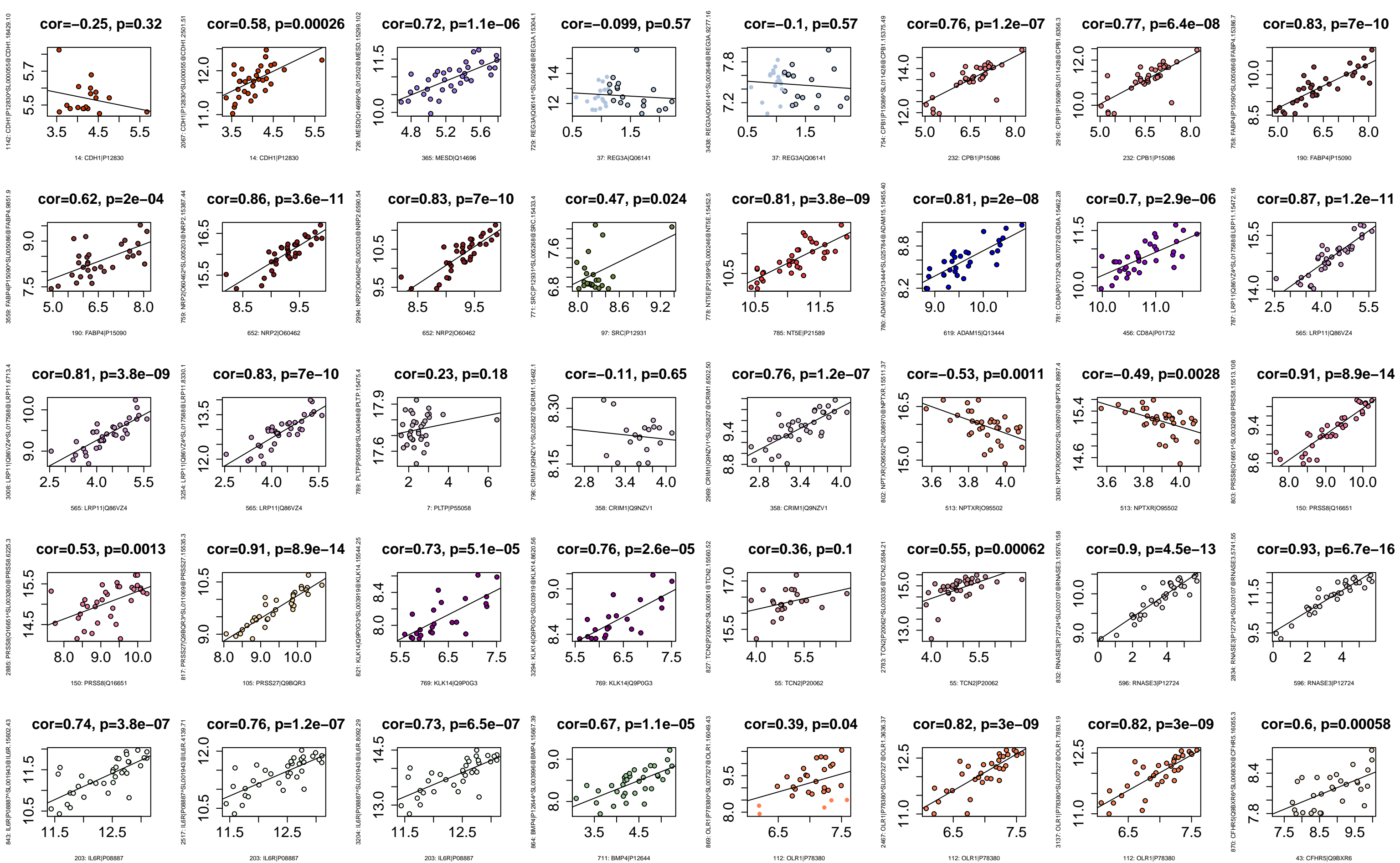


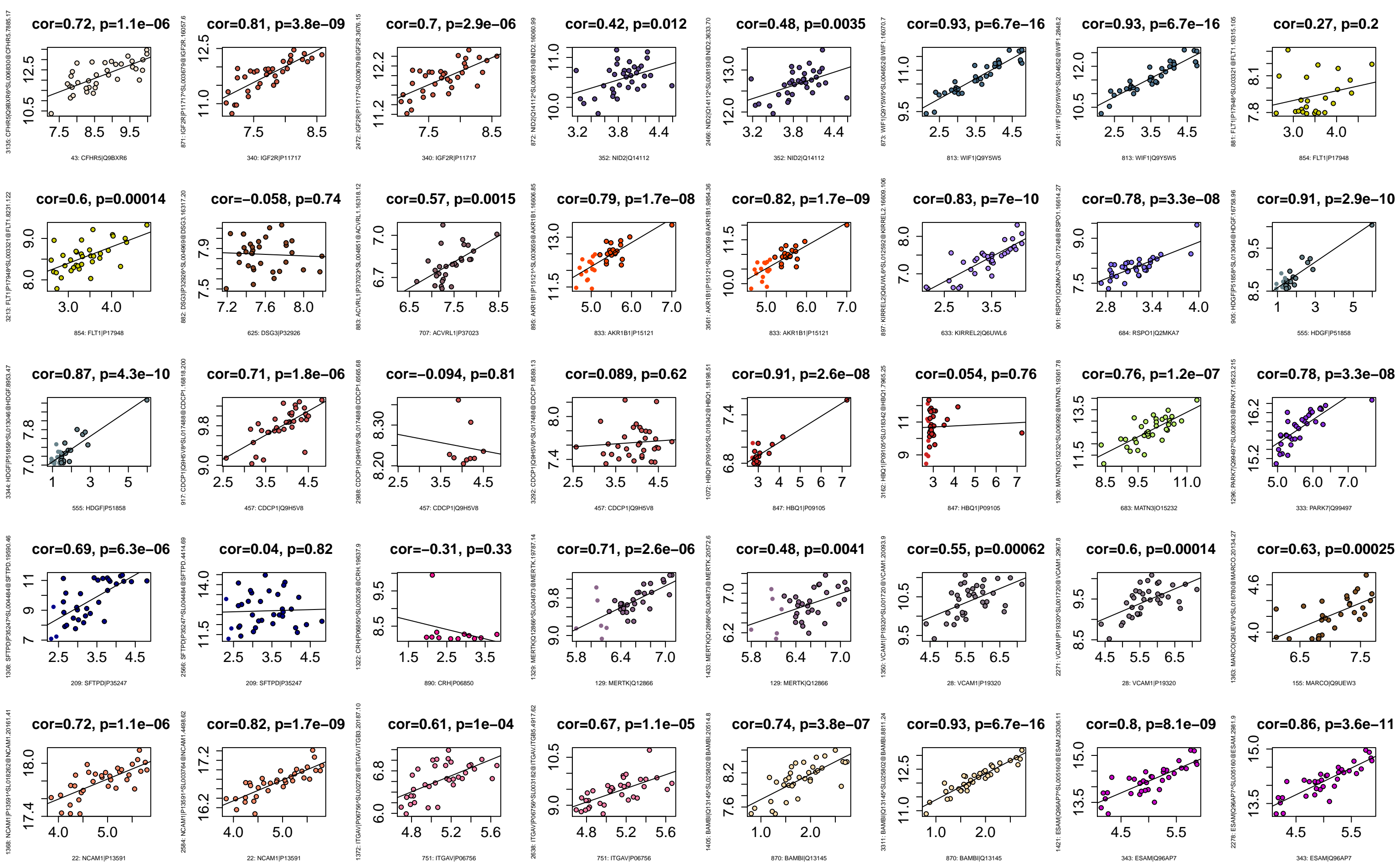
2690: NPW|H3BT17

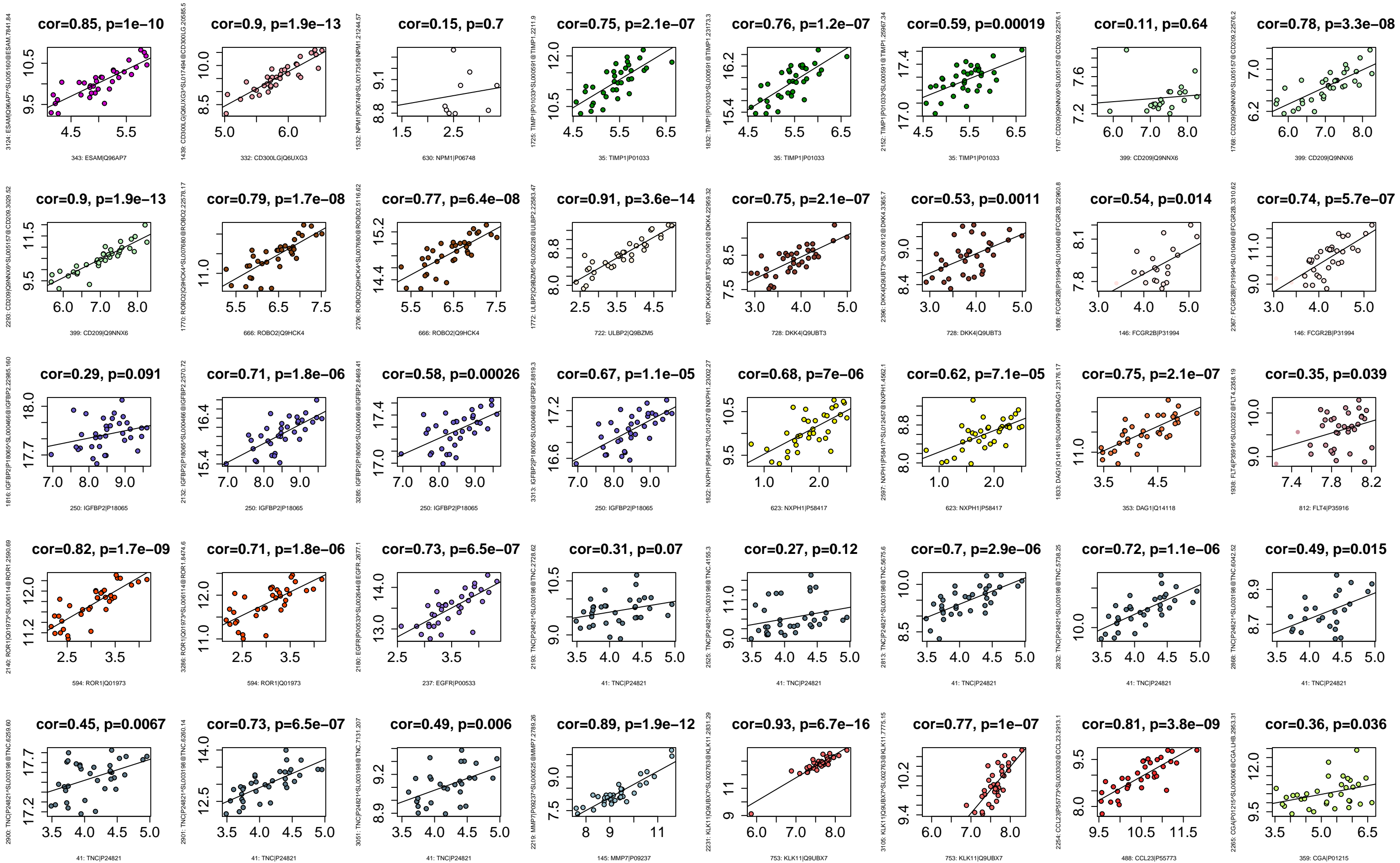


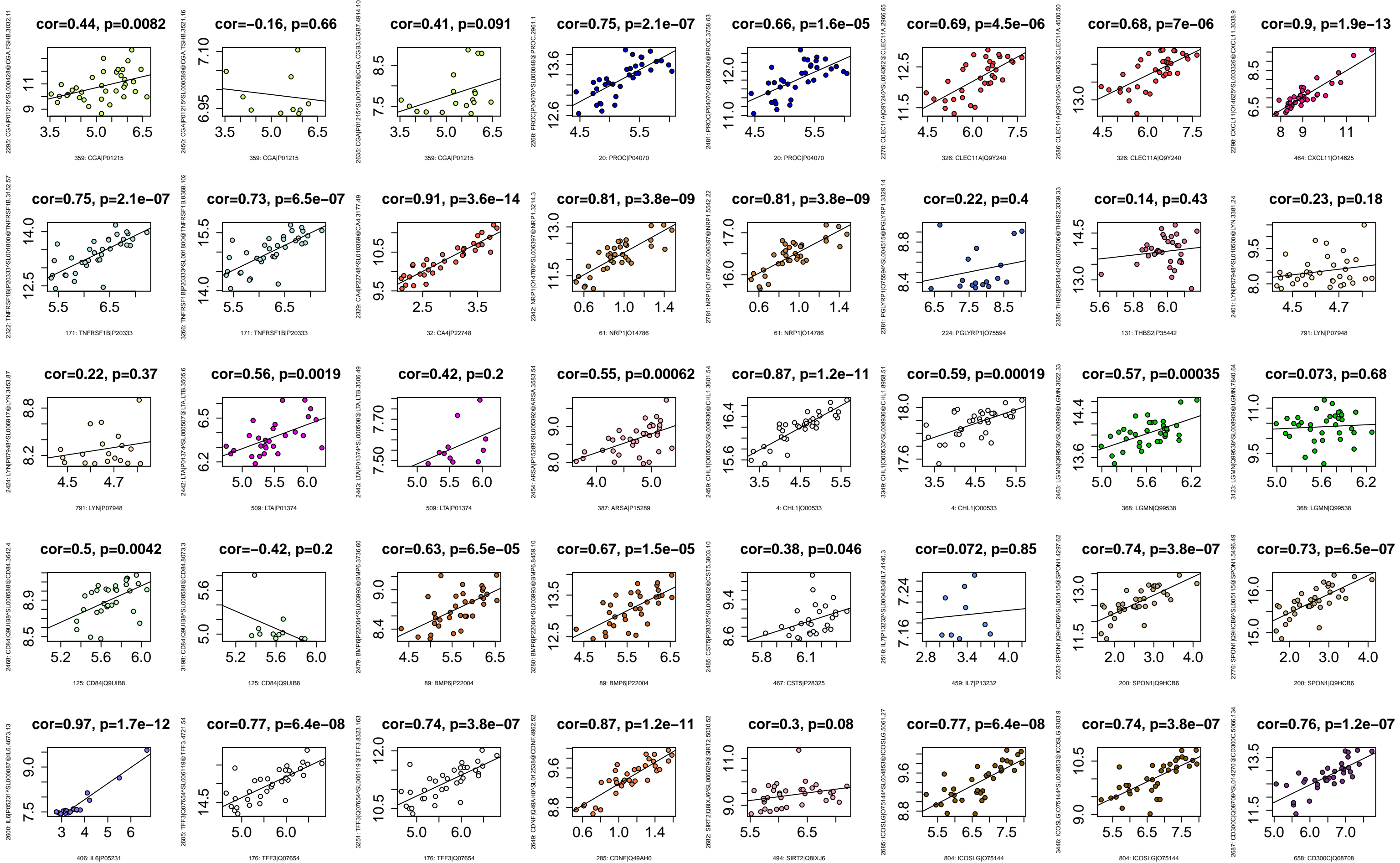


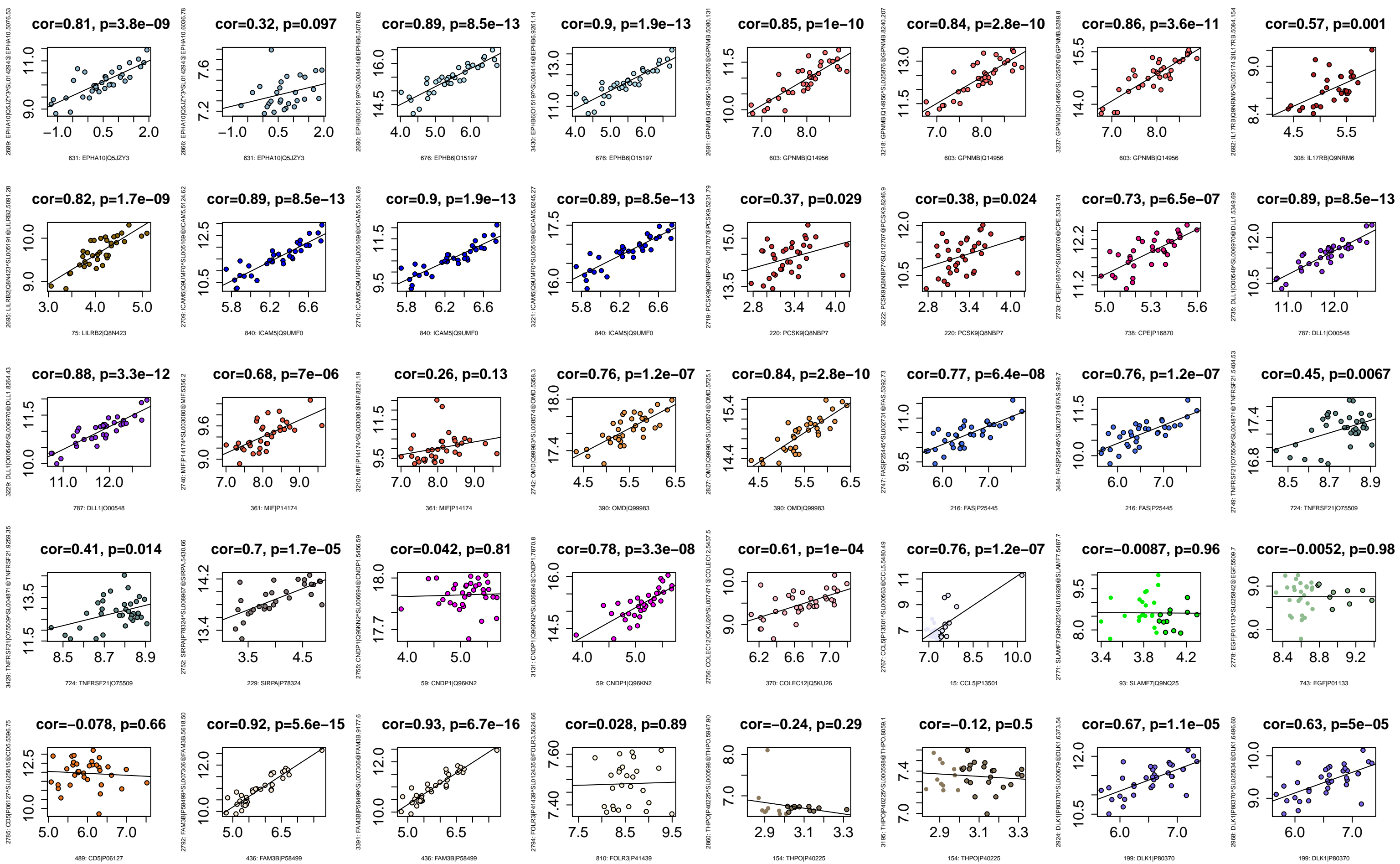


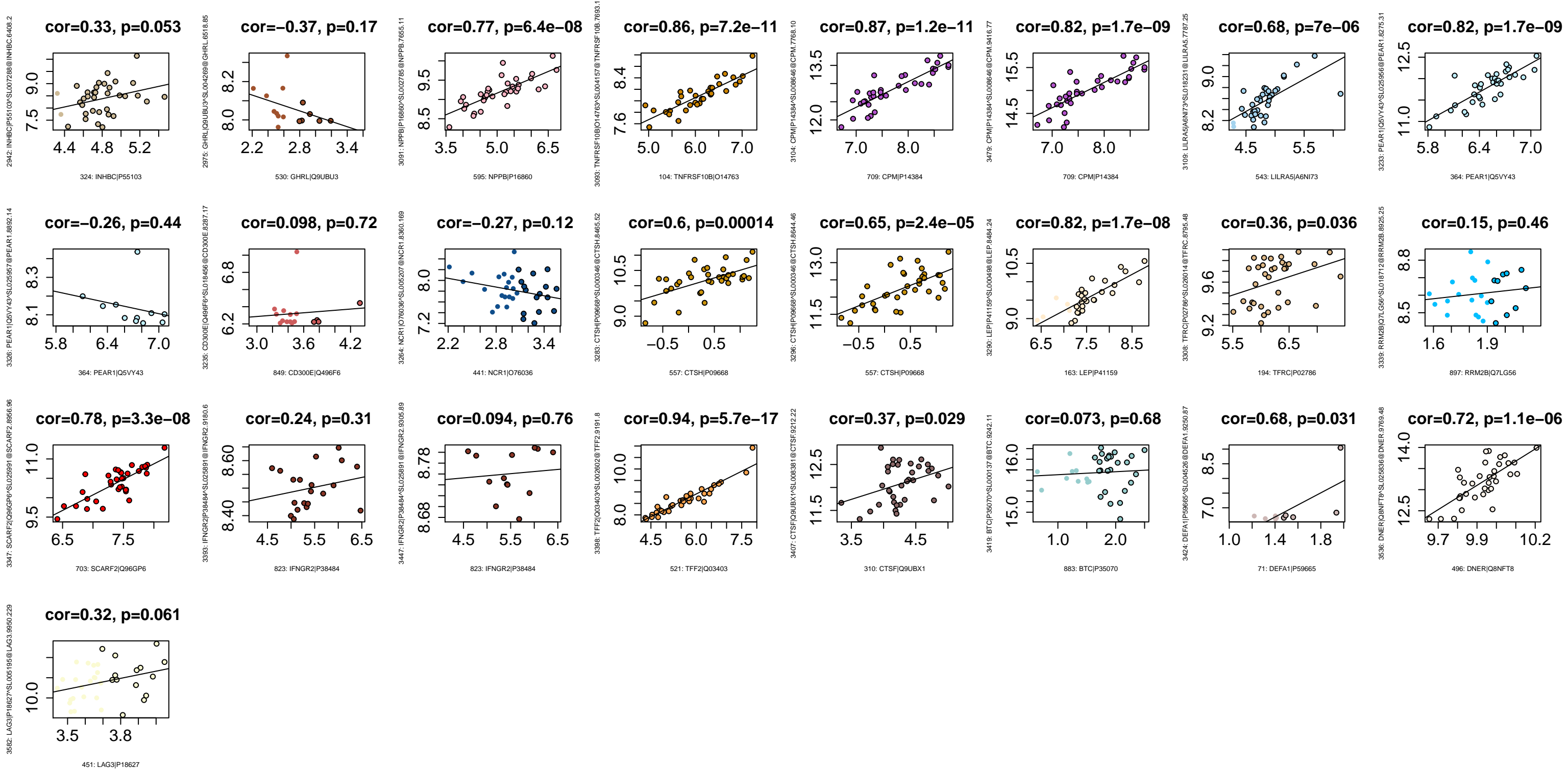


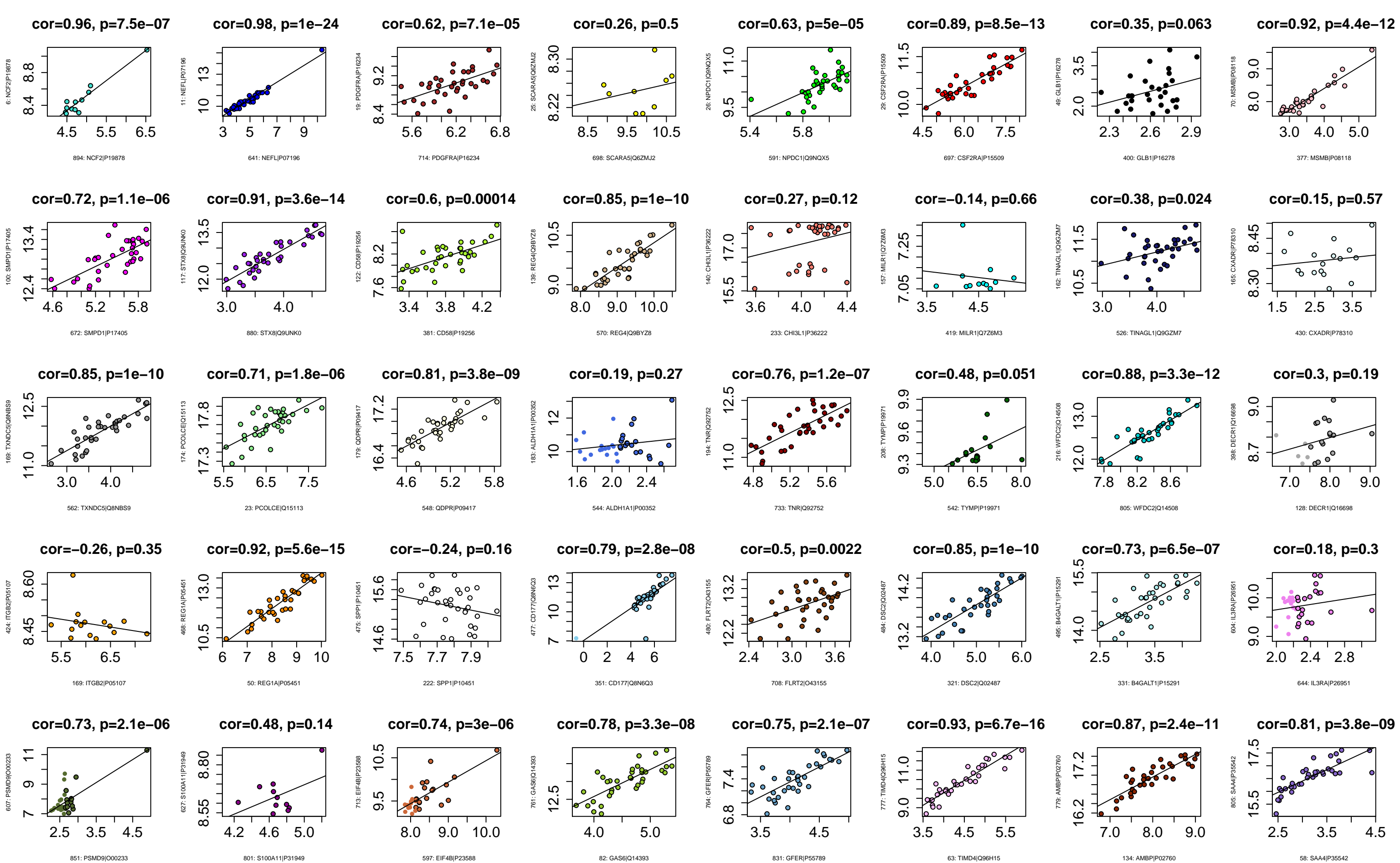


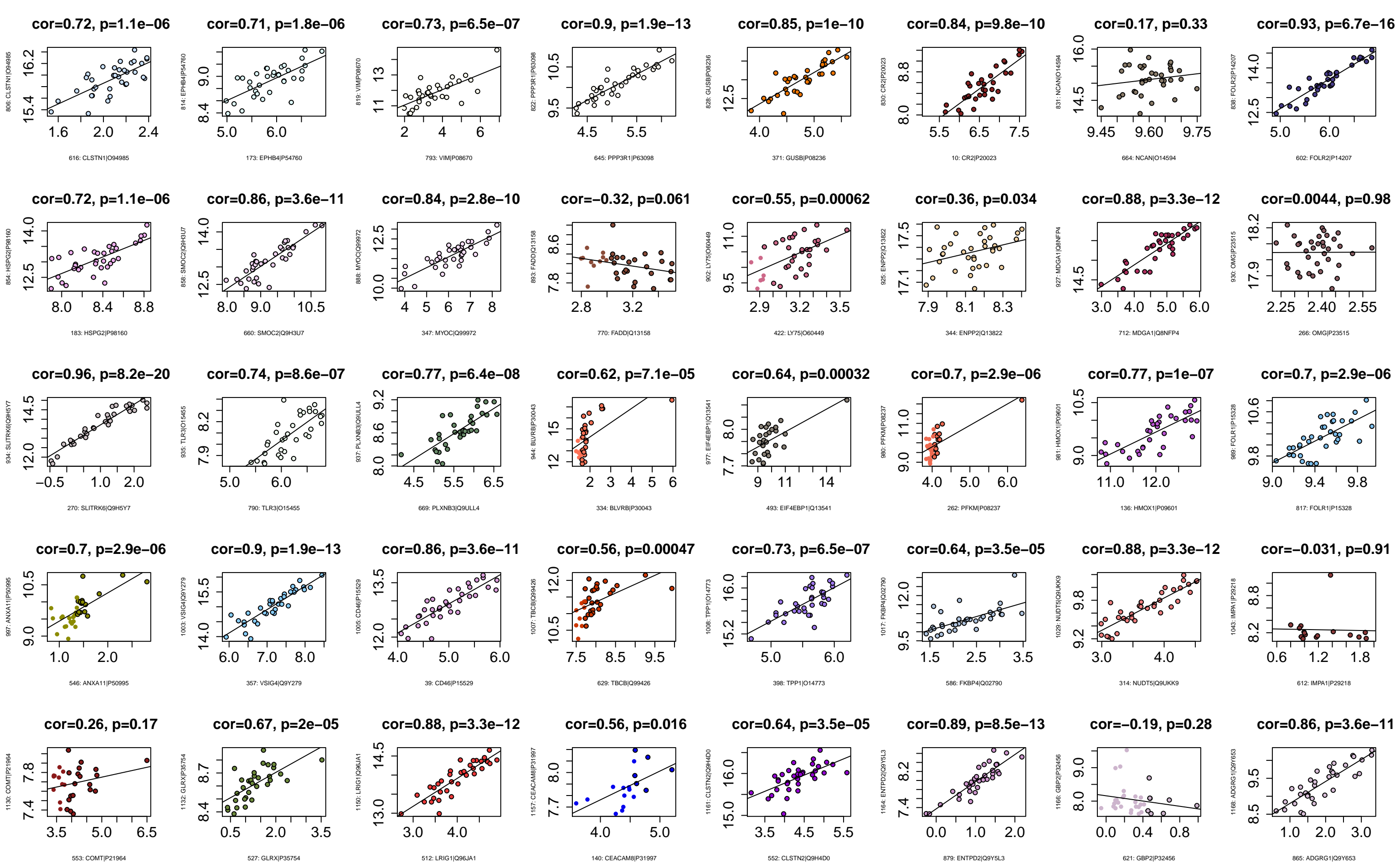


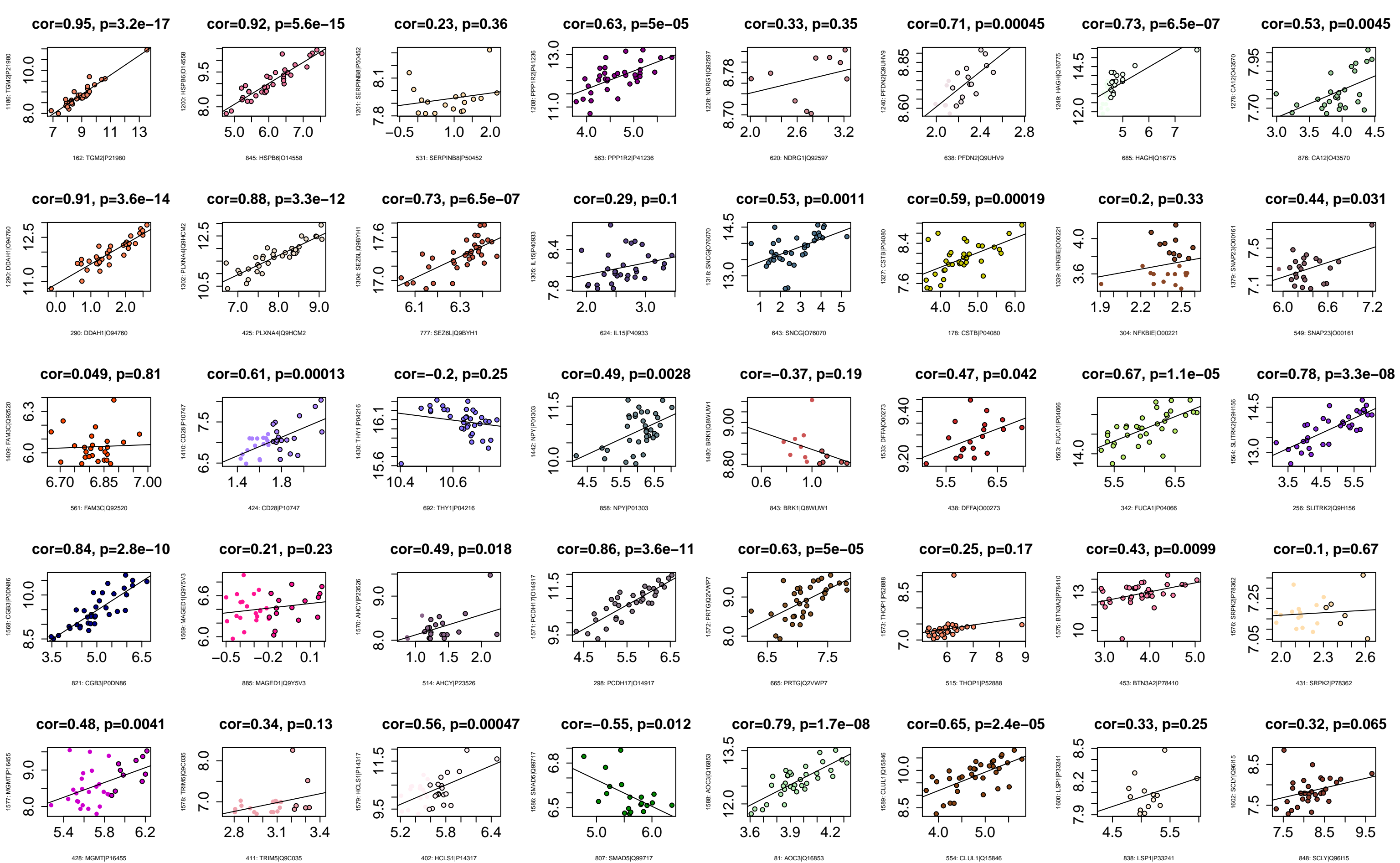


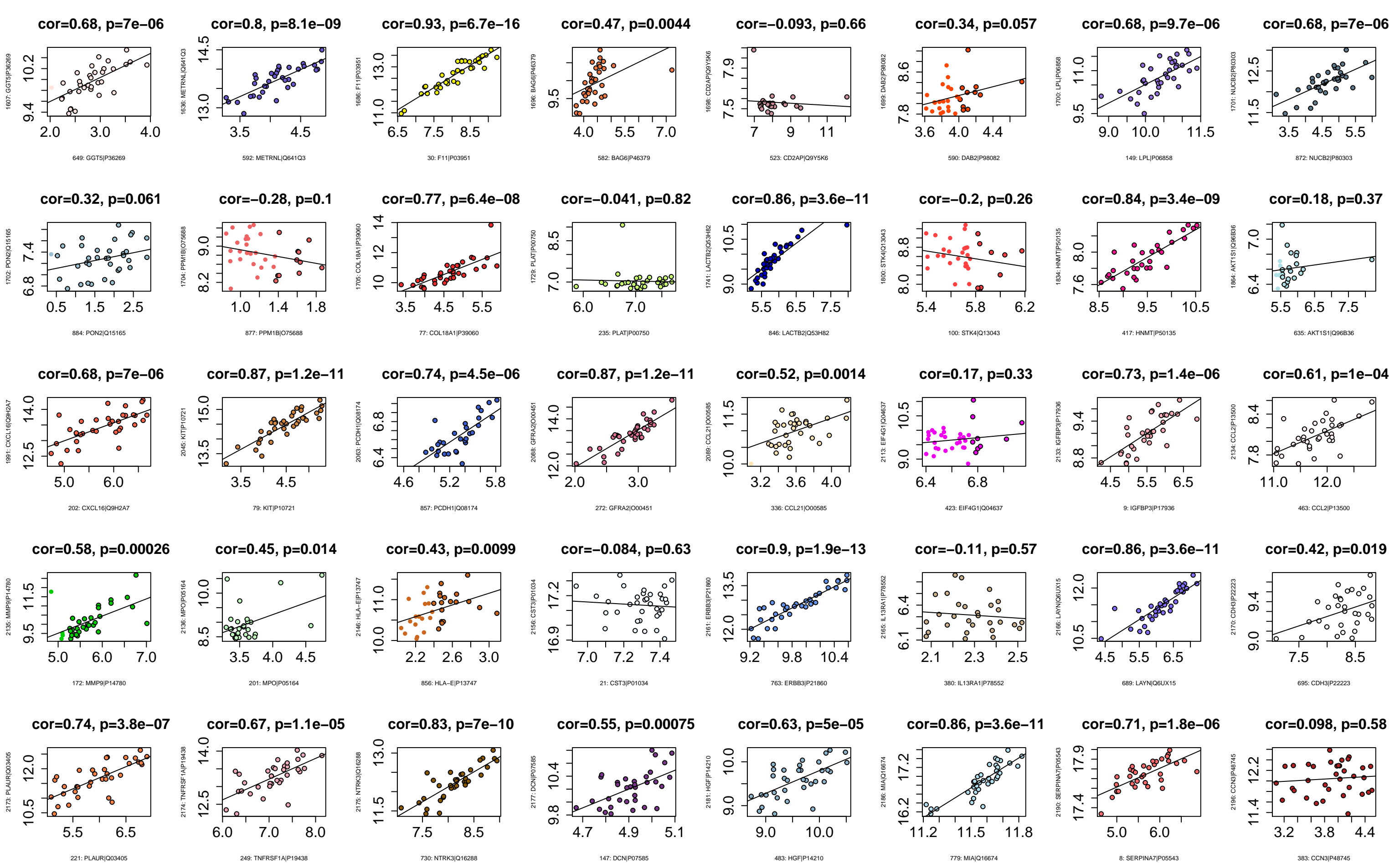


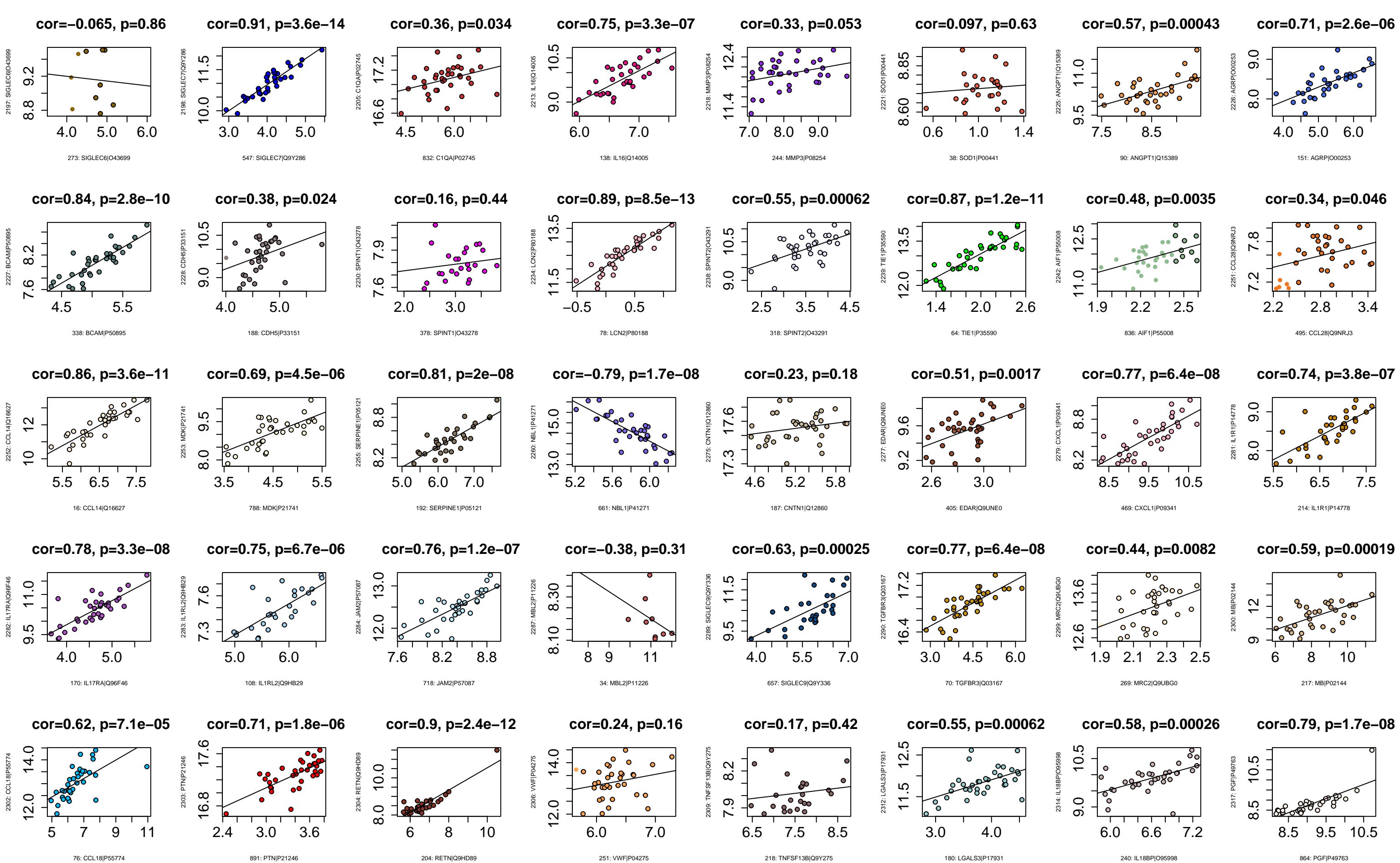


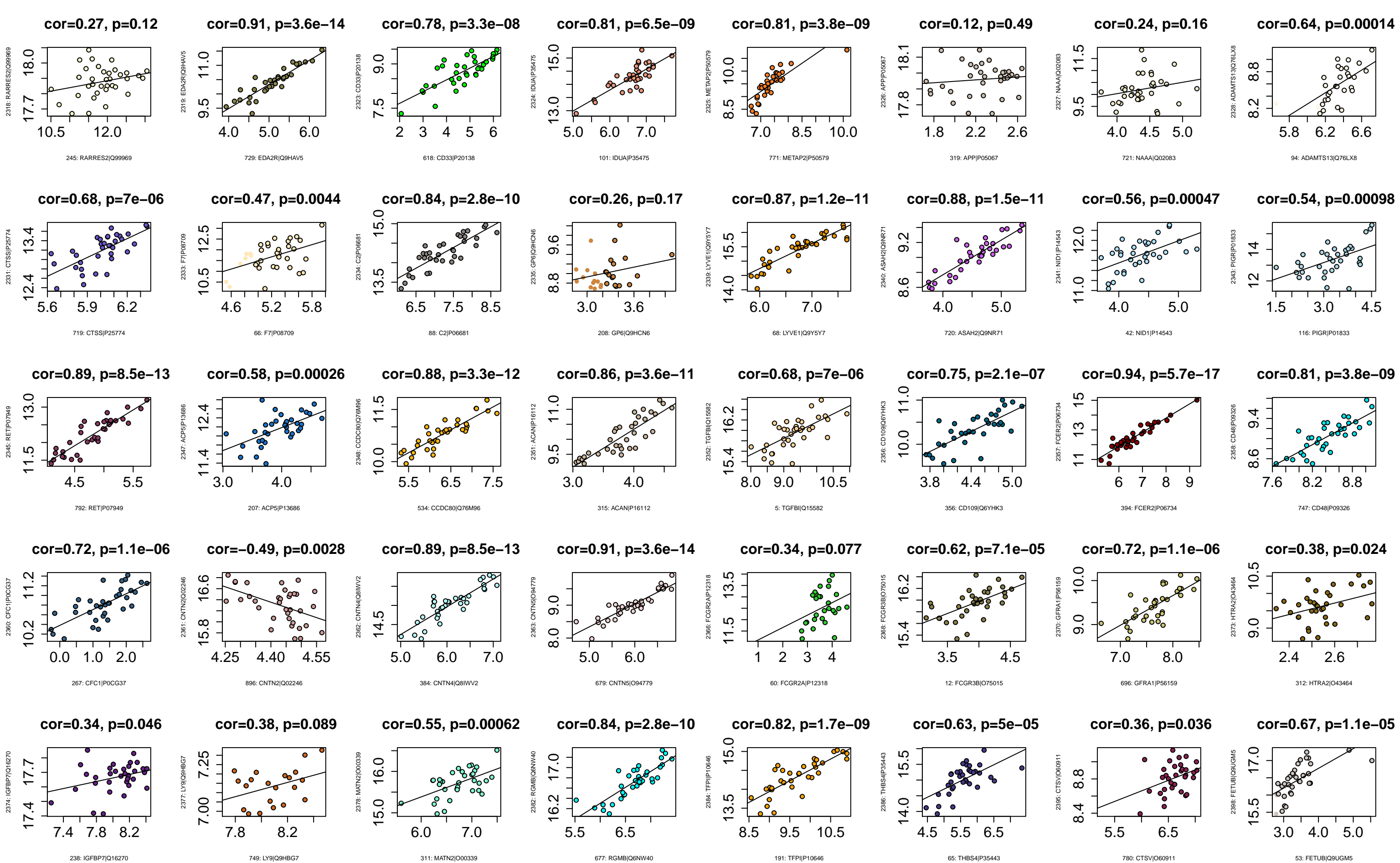


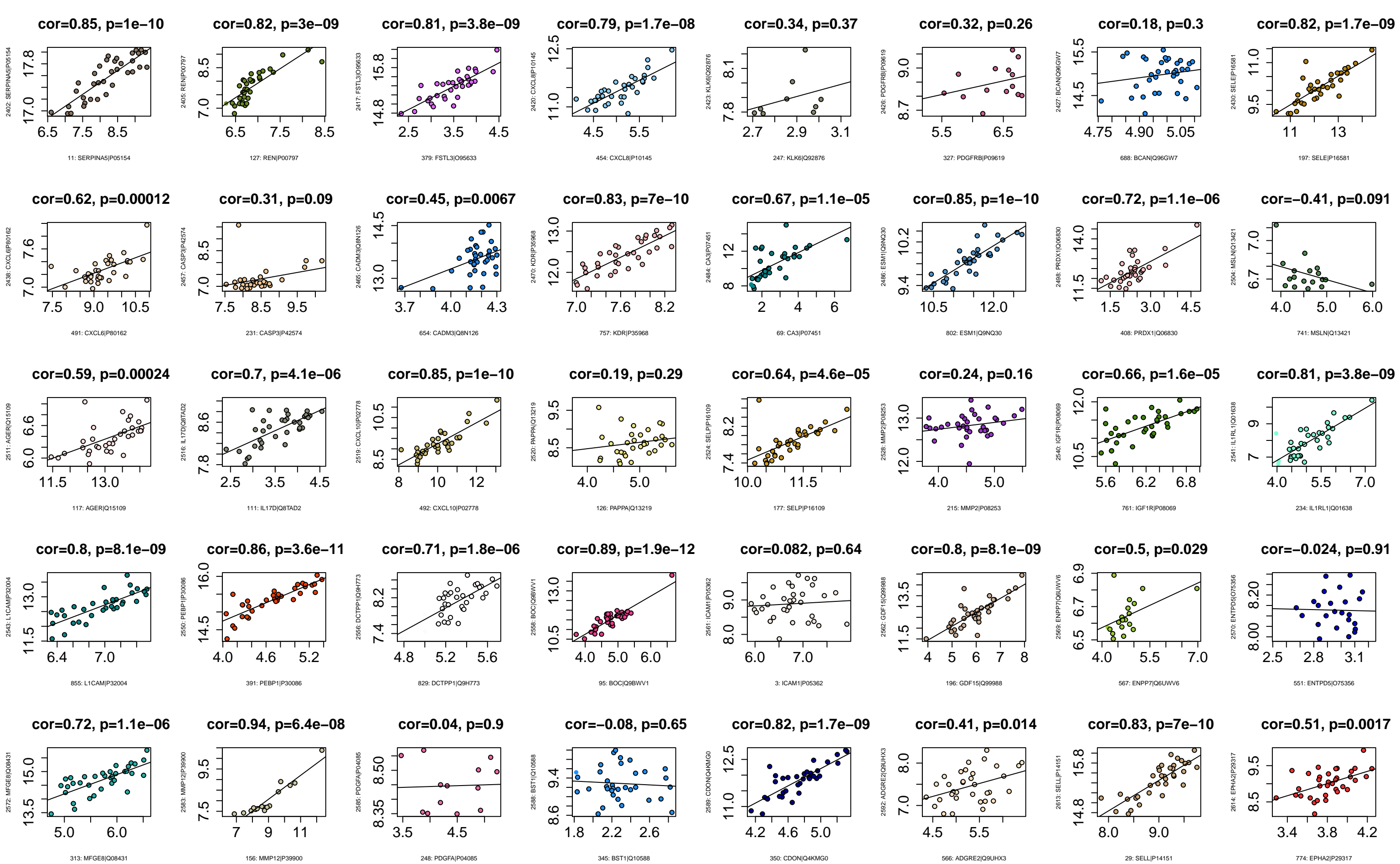


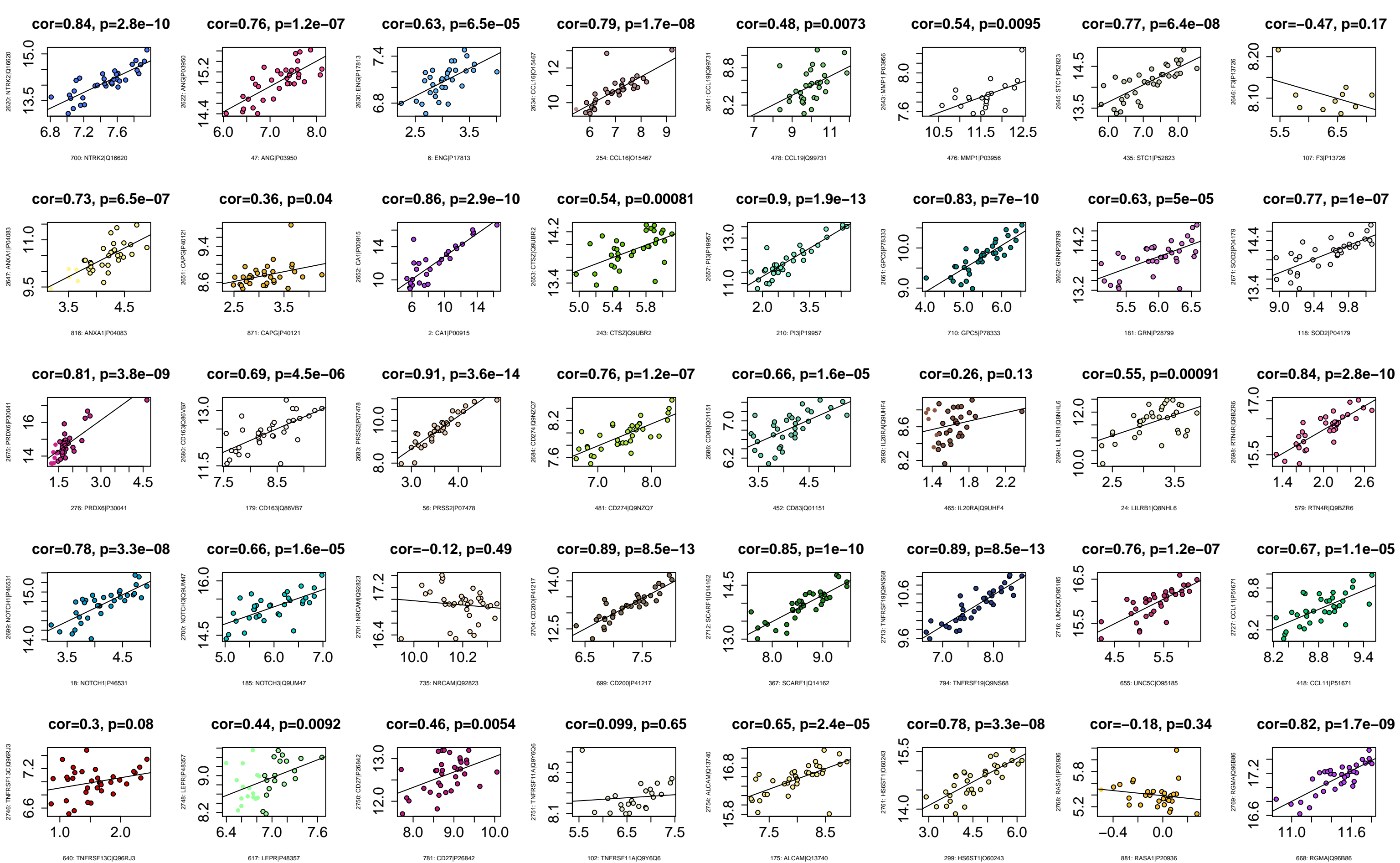


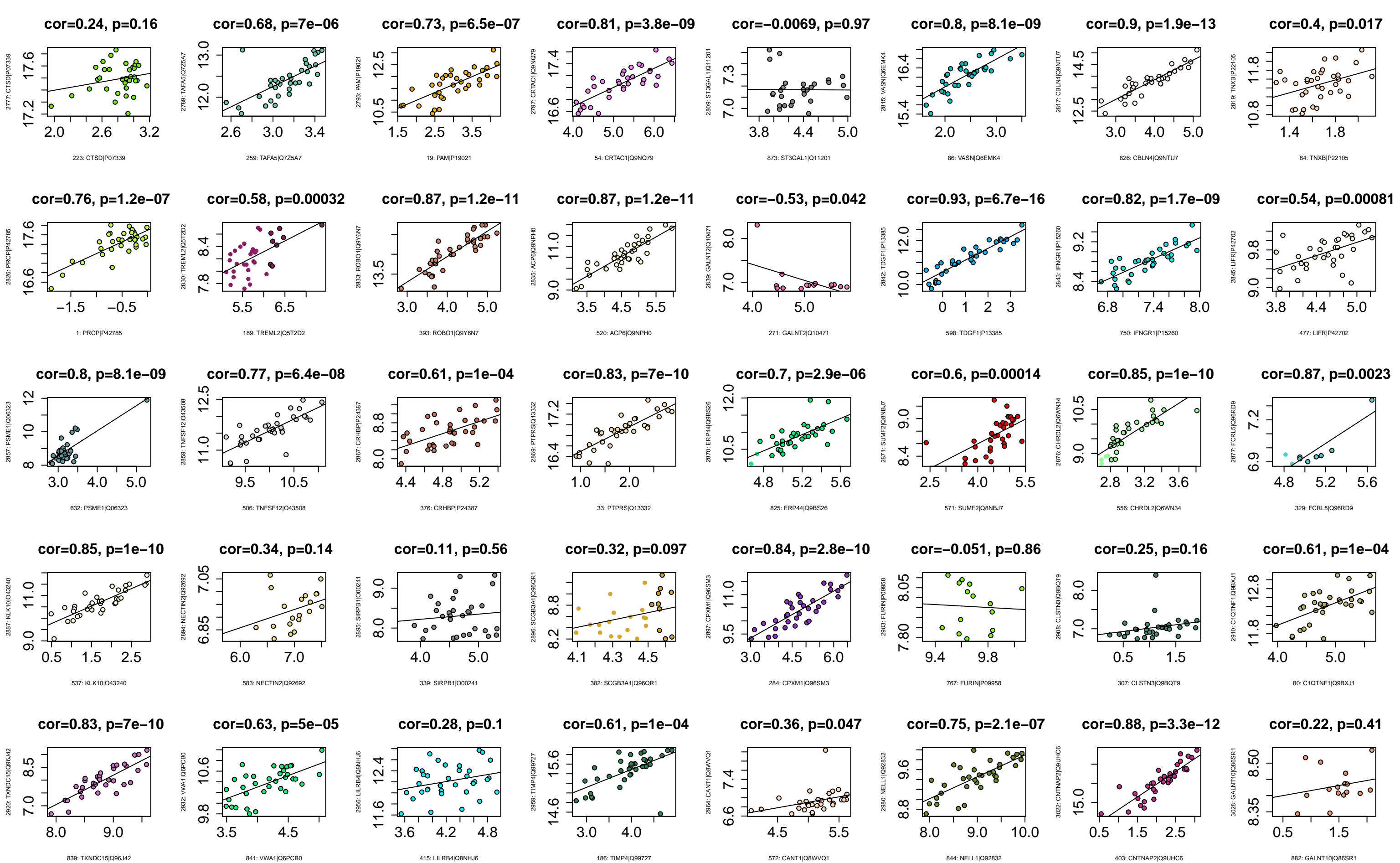


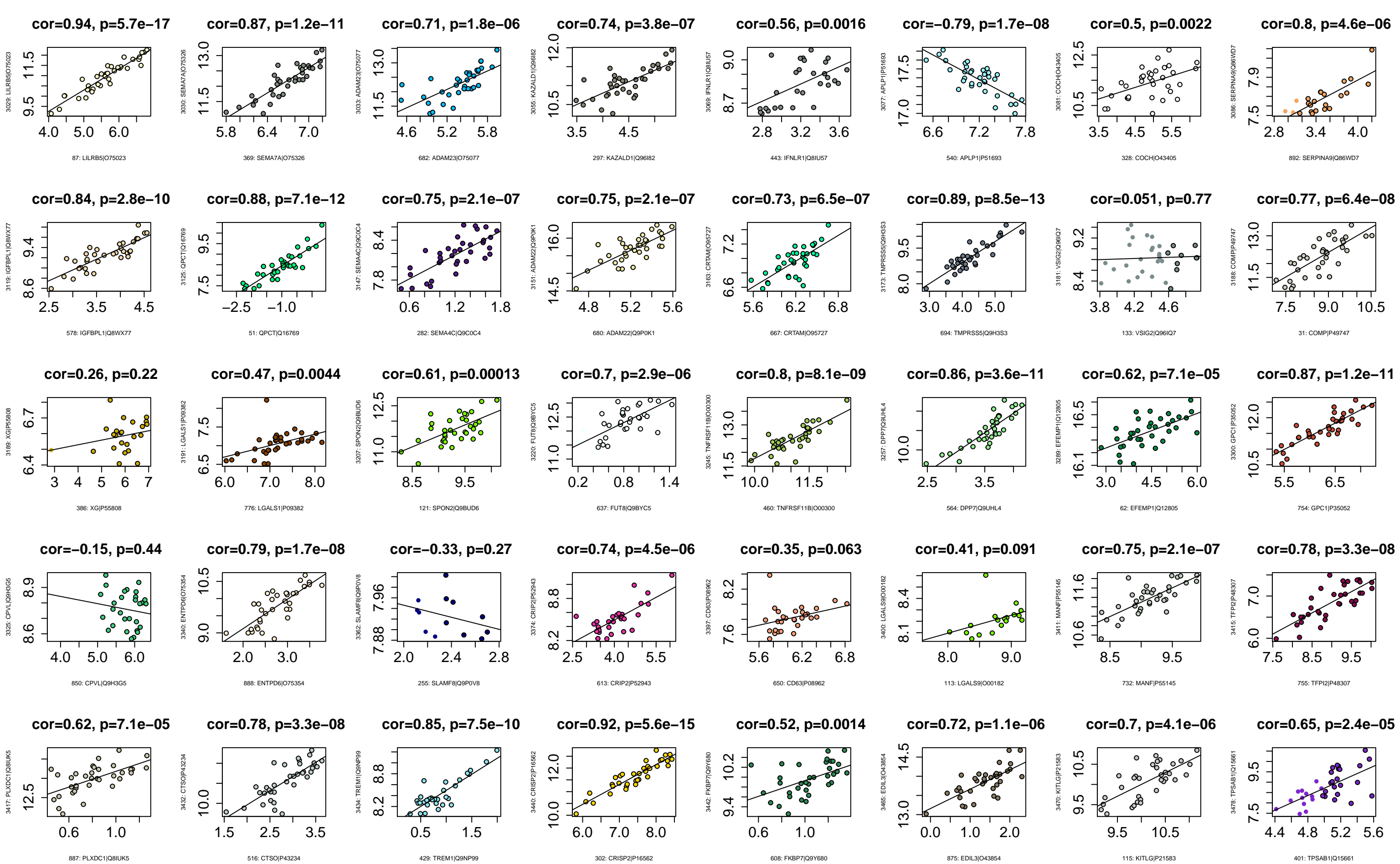


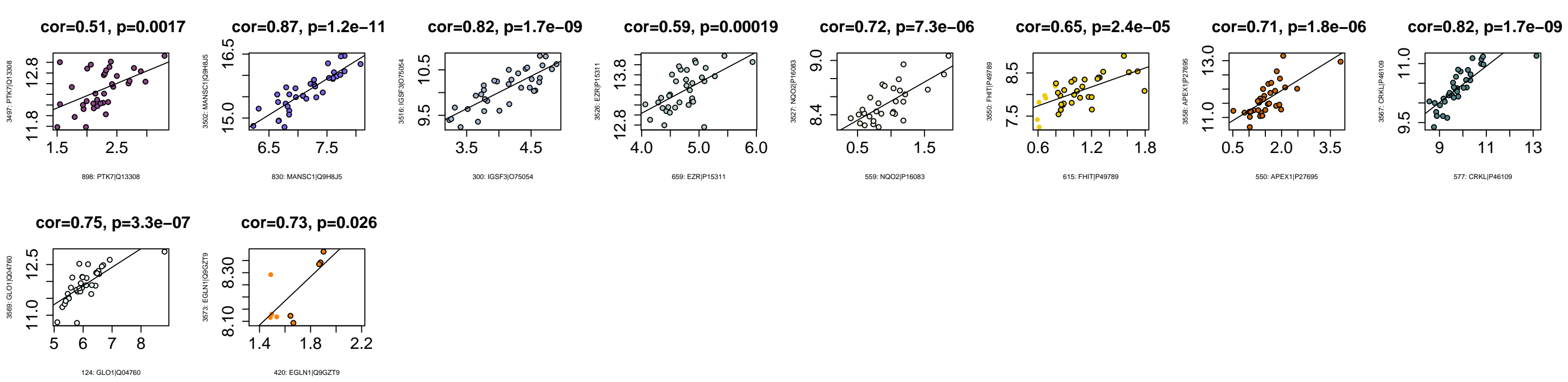






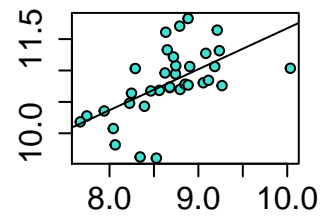






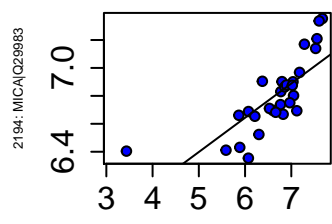
1418: IL12A|P29459,SLO21086@IL12A,EBB3,210533,39

cor=0.57, p=0.00035



727: IL12A|P29460,P29459

cor=0.77, p=1e-06

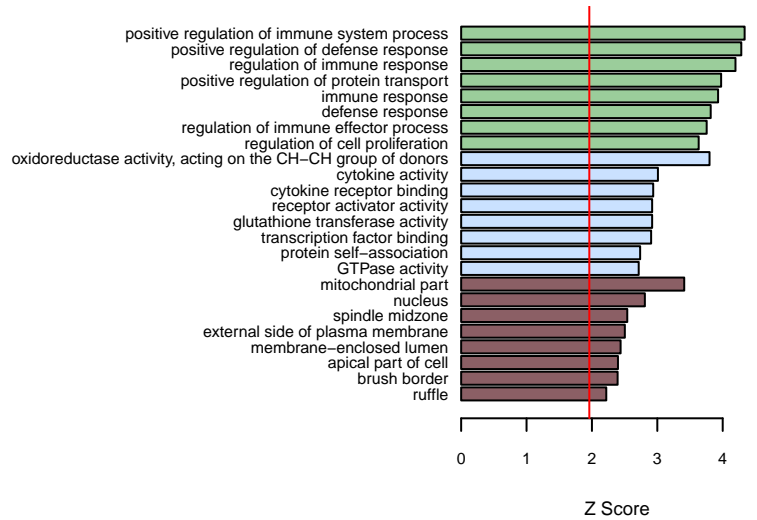


797: MICA|Q29983,Q29980

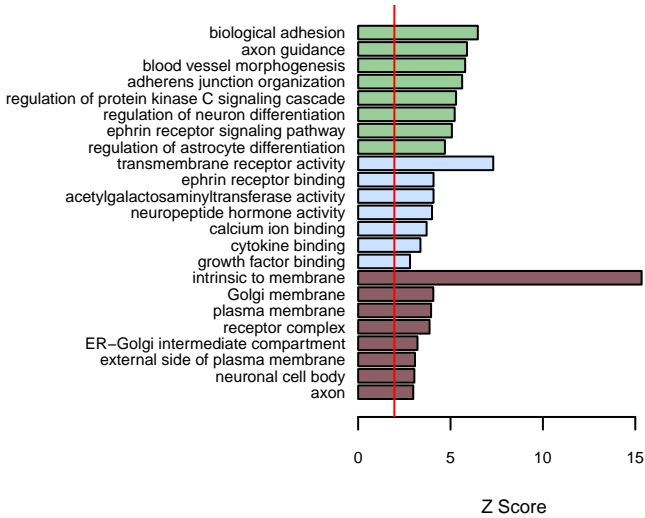
Ontology Types

- Biological Process
- Molecular Function
- Cellular Component

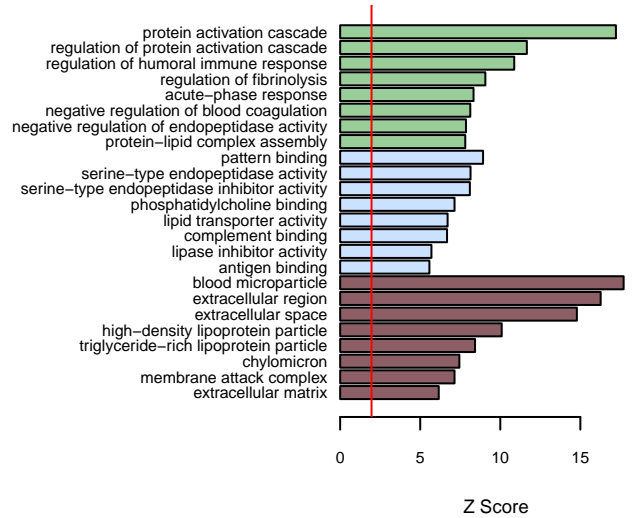
M1 turquoise



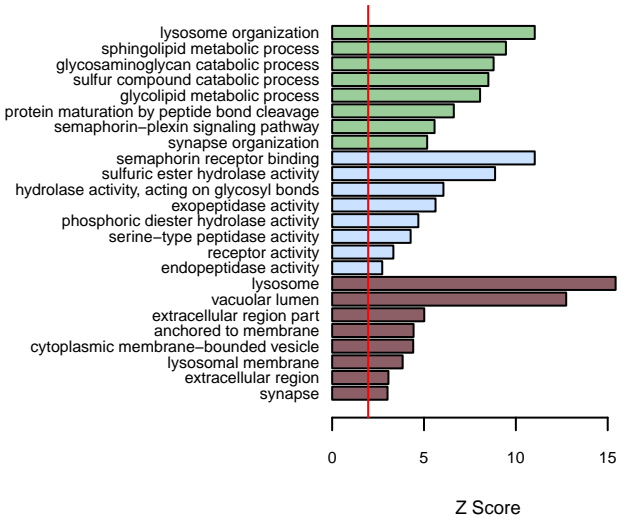
M2 blue



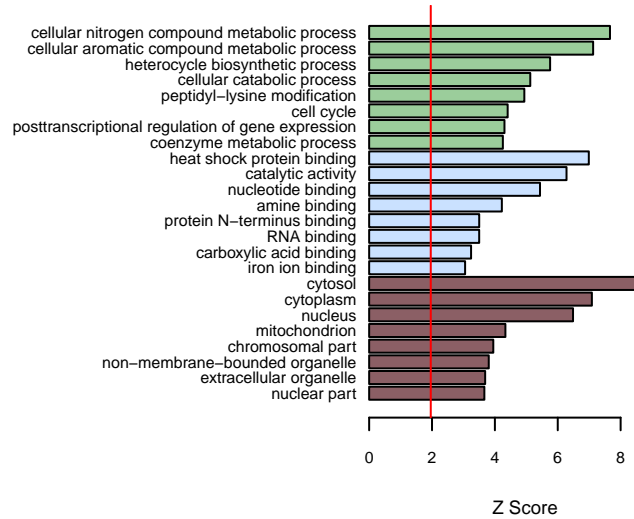
M3 brown

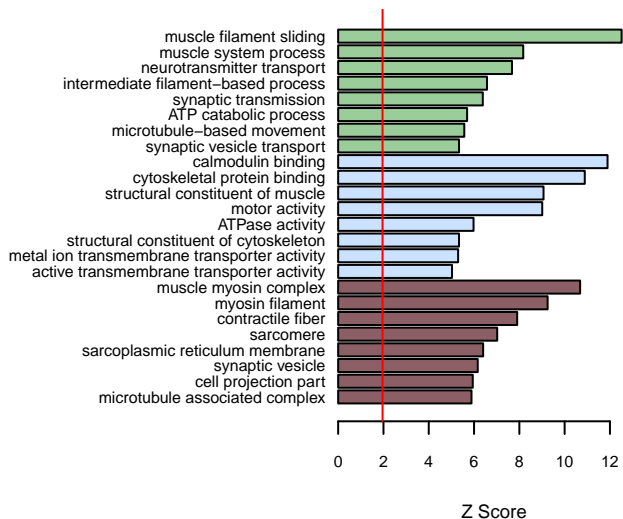
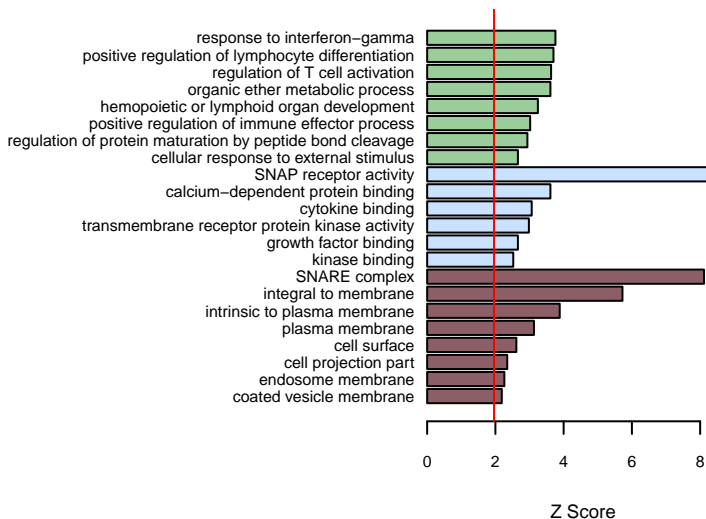
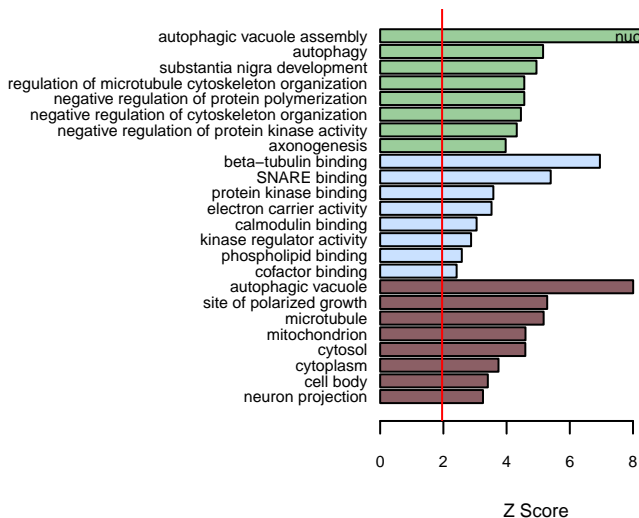
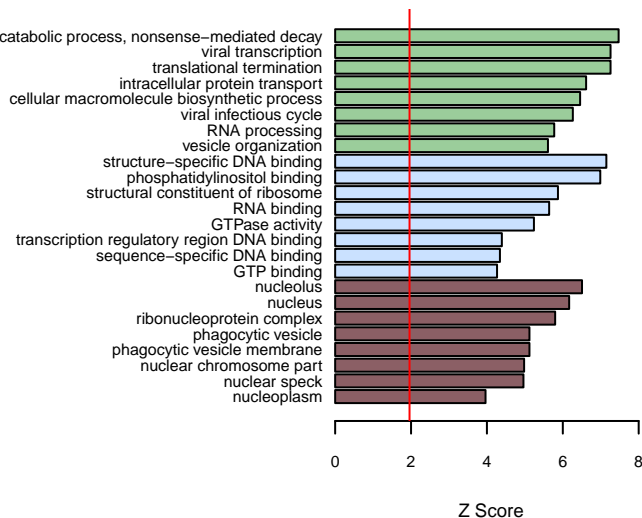
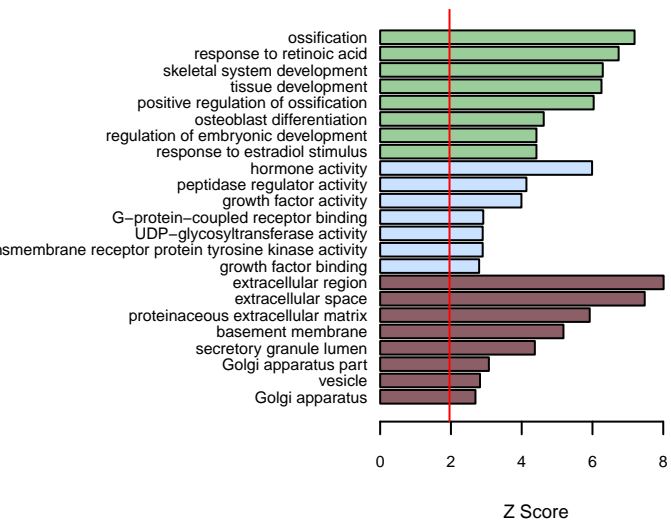
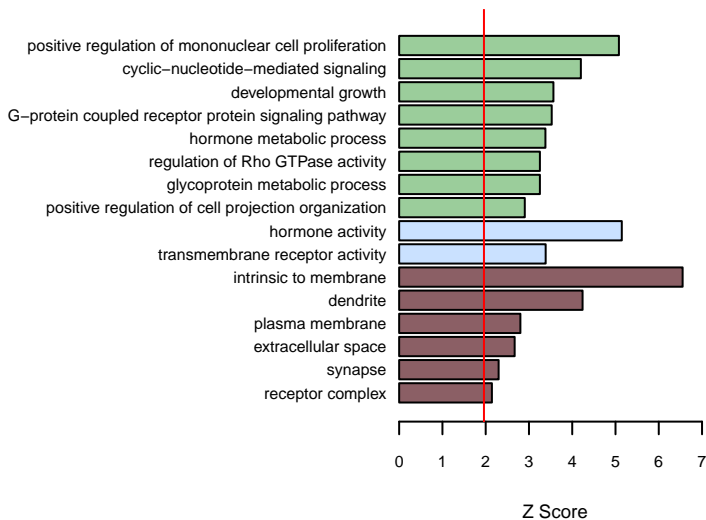


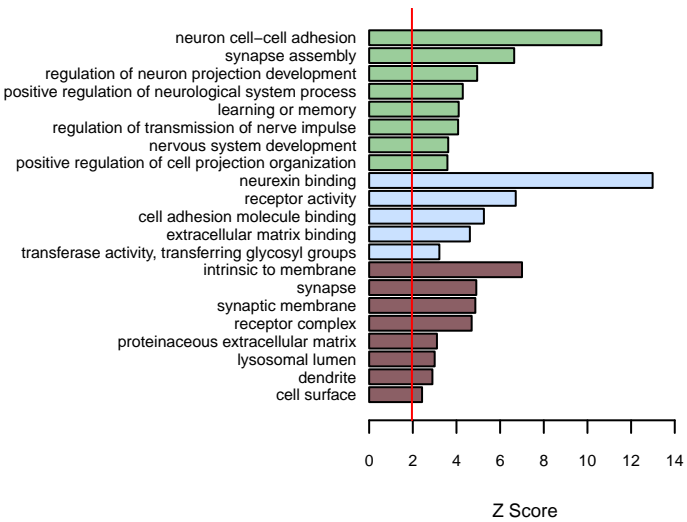
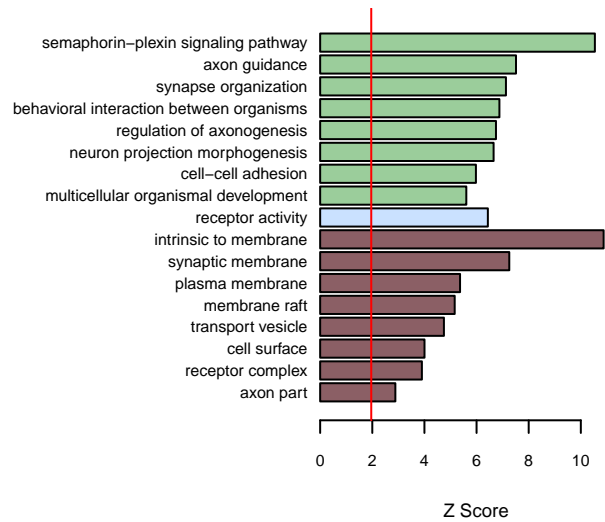
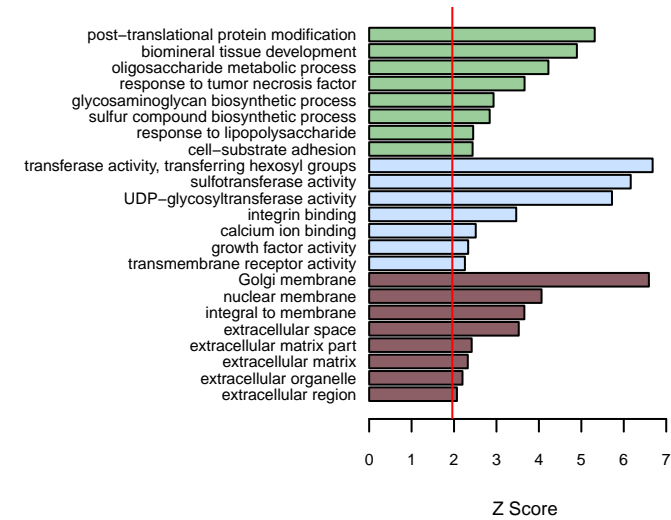
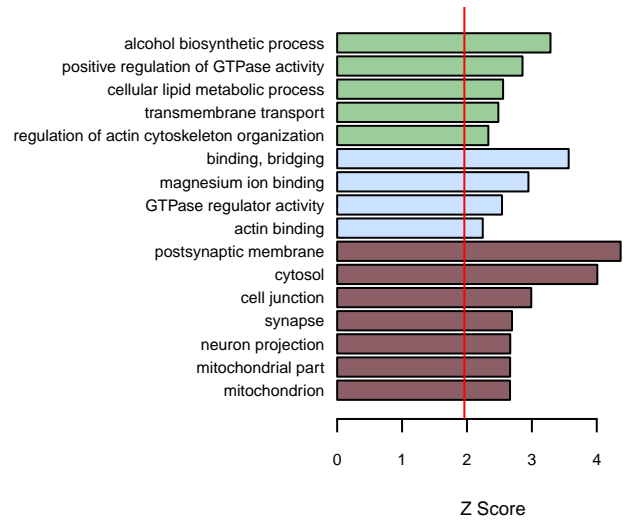
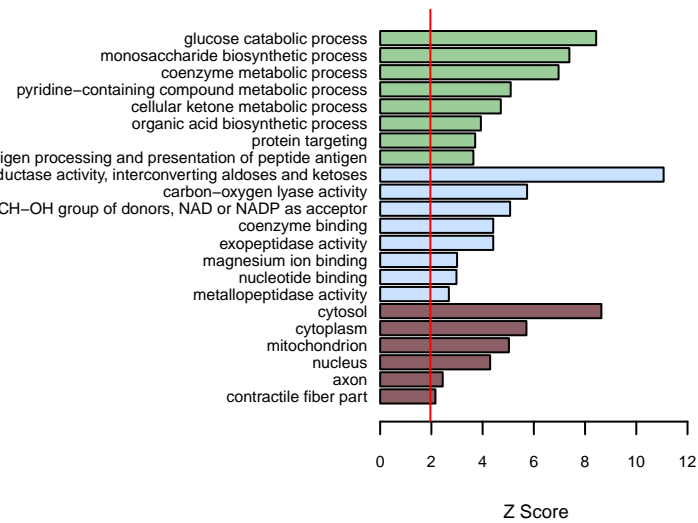
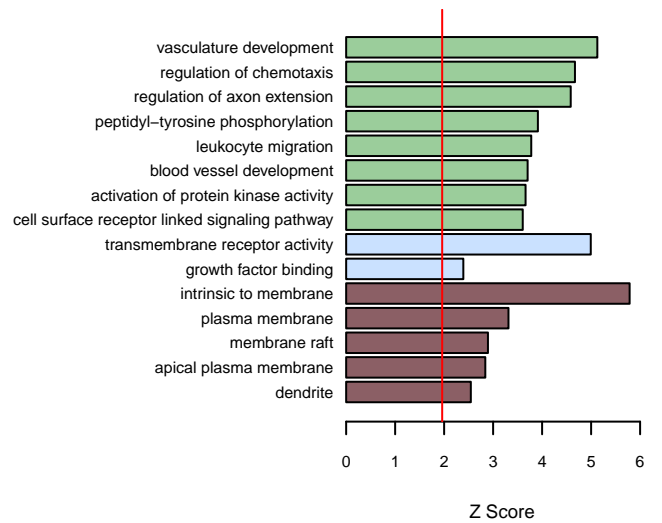
M4 yellow

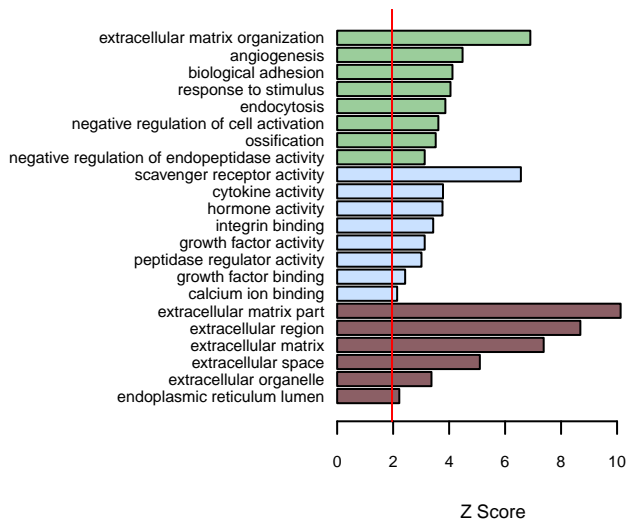
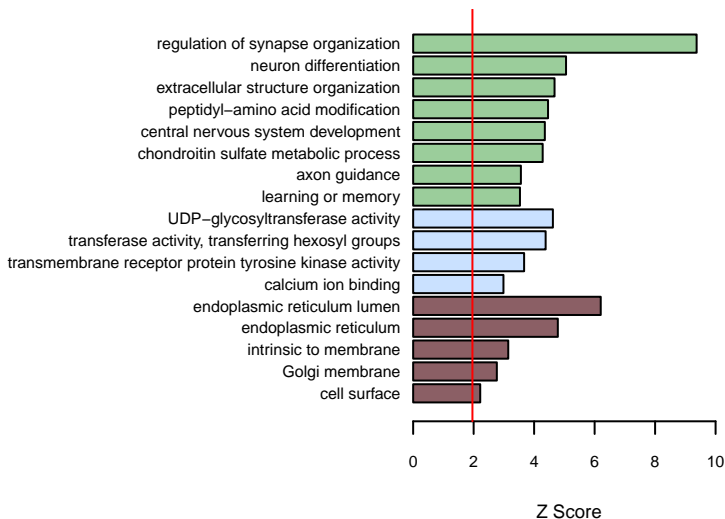
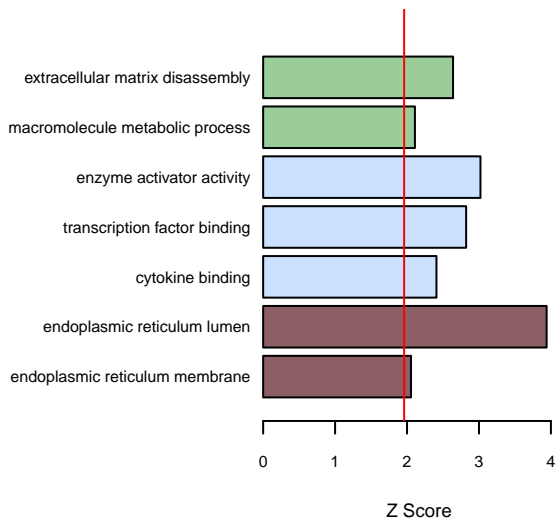
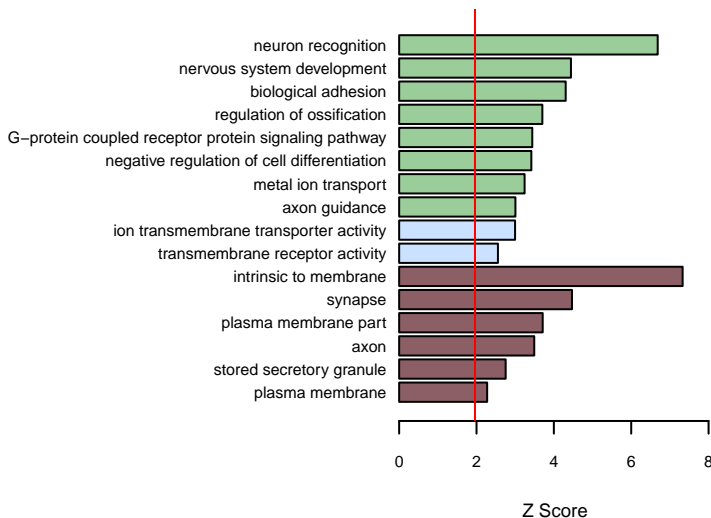
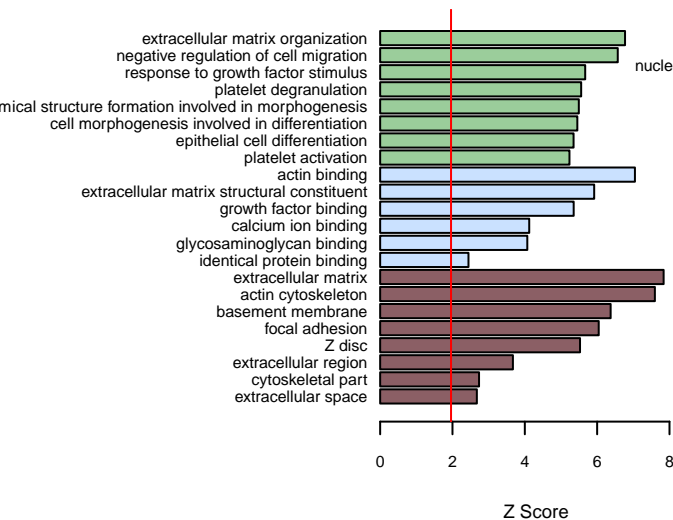
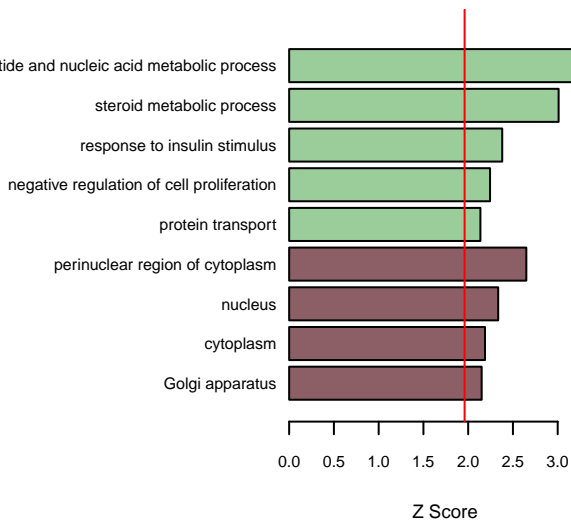


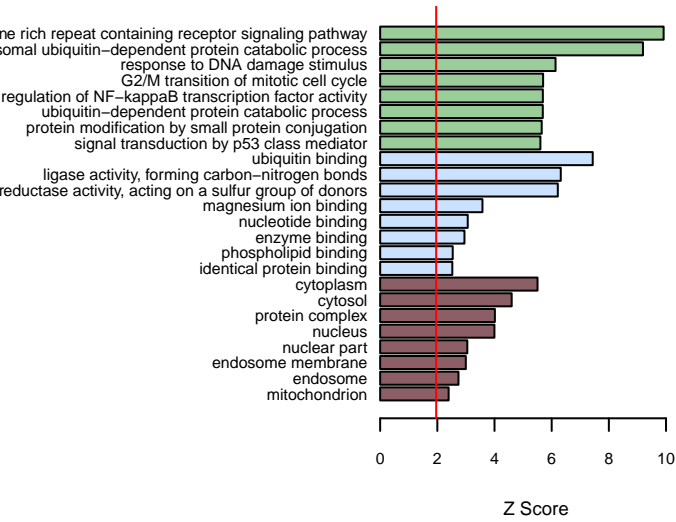
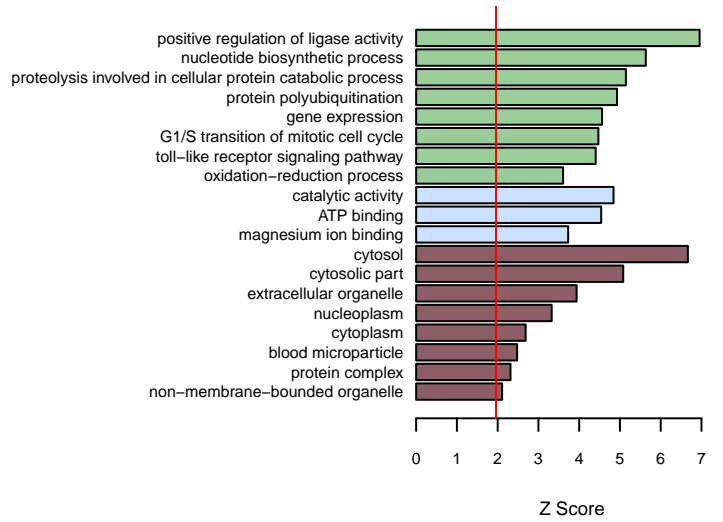
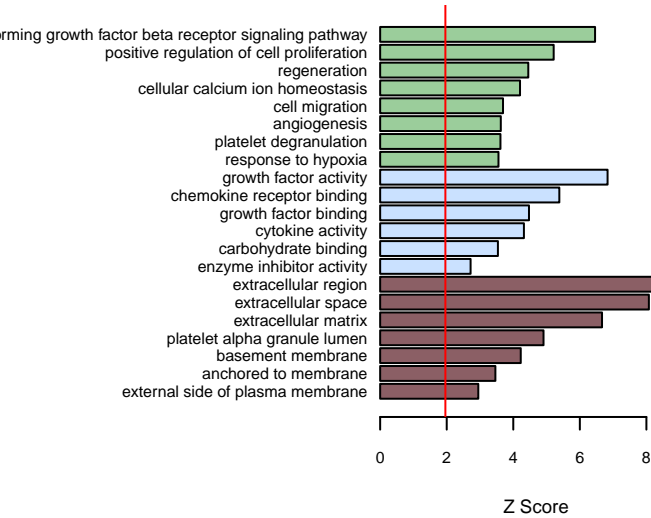
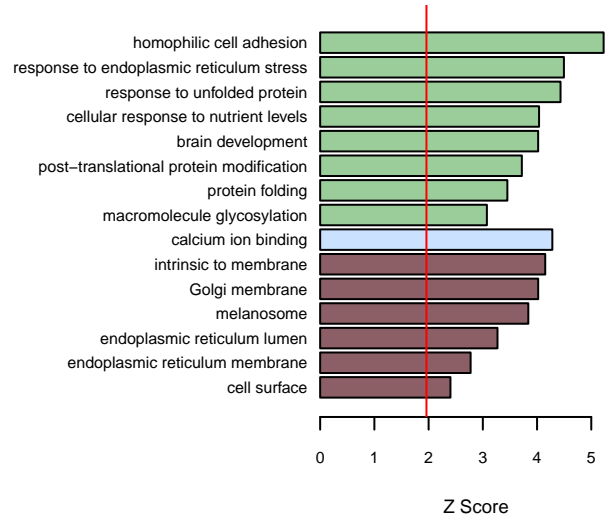
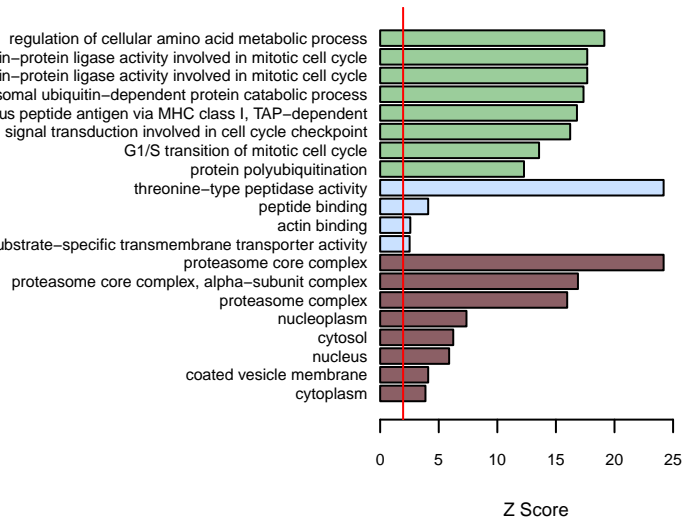
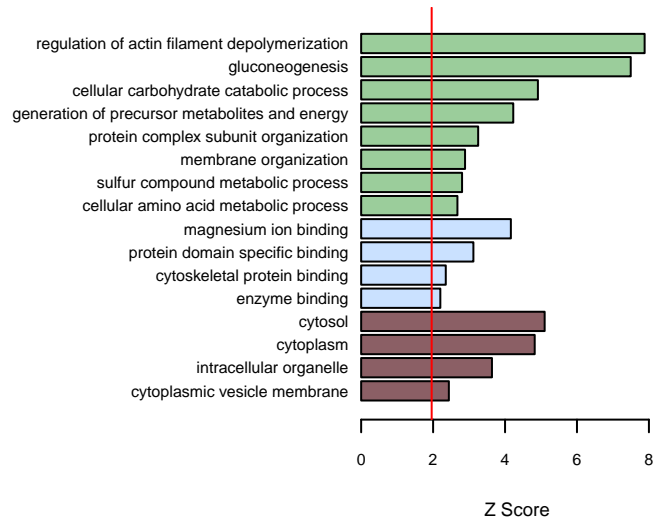
M5 green

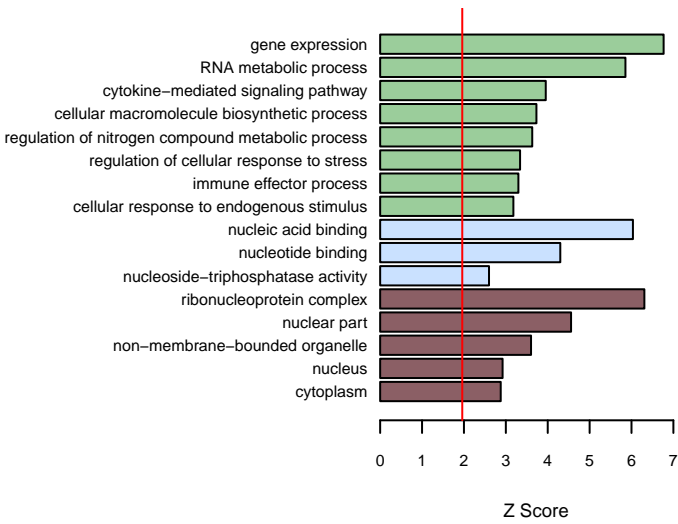
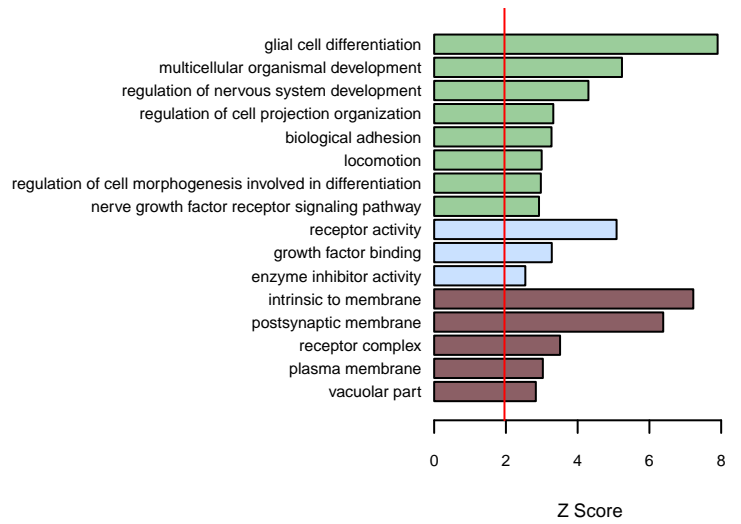
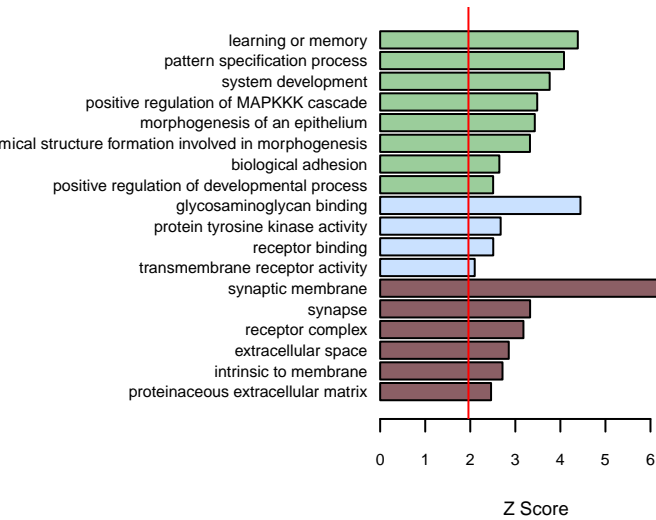
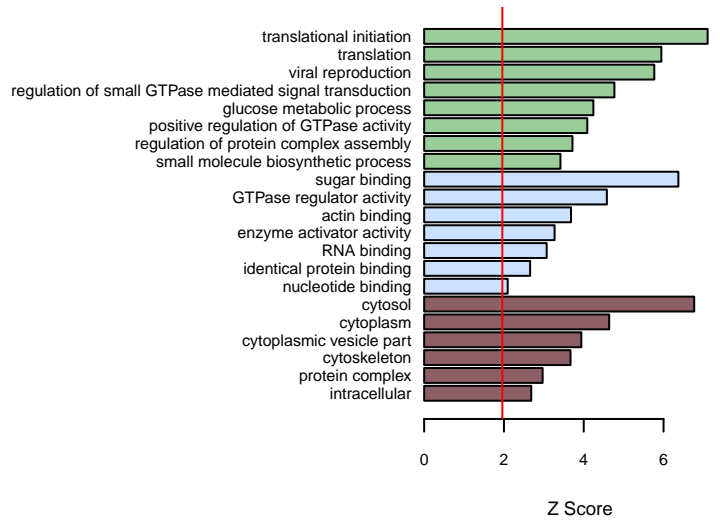
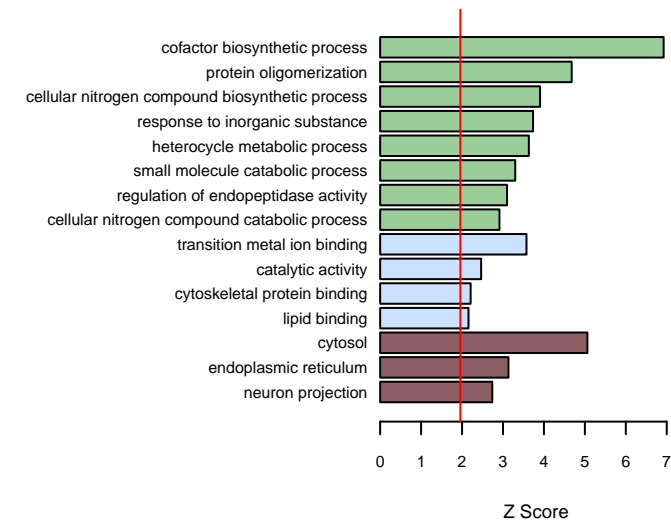
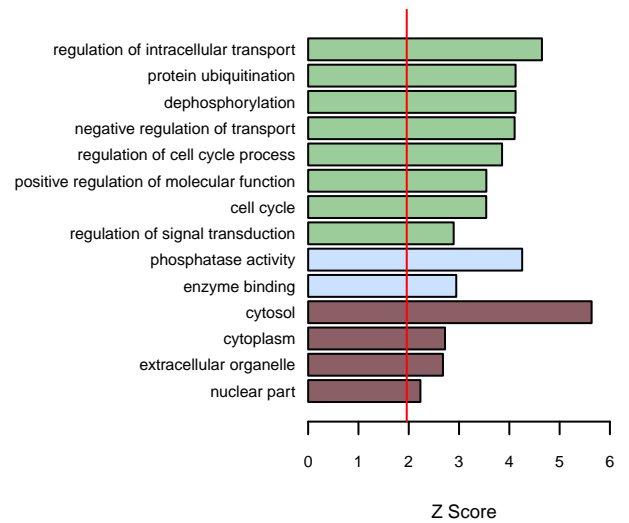


M6 red**M7 black****M8 pink****M9 magenta****M10 purple****M11 greenyellow**

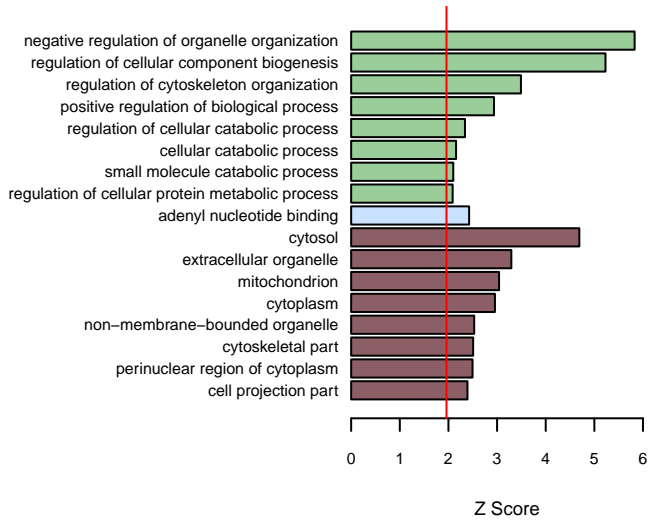
M12 tan**M13 salmon****M14 cyan****M15 midnightblue****M16 lightcyan****M17 grey60**

M18 lightgreen**M19 lightyellow****M20 royalblue****M21 darkred****M22 darkgreen****M23 darkturquoise**

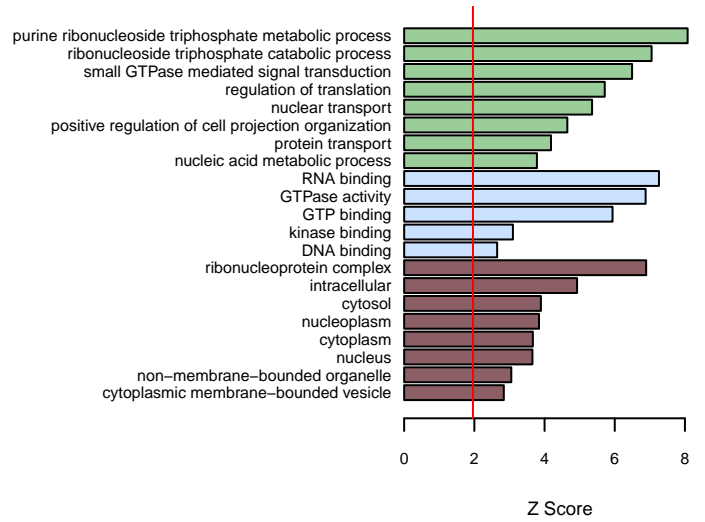
M24 darkgrey**M25 orange****M26 darkorange****M27 white****M28 skyblue****M29 saddlebrown**

M30 steelblue**M31 paleturquoise****M32 violet****M33 darkolivegreen****M34 darkmagenta****M35 sienna3**

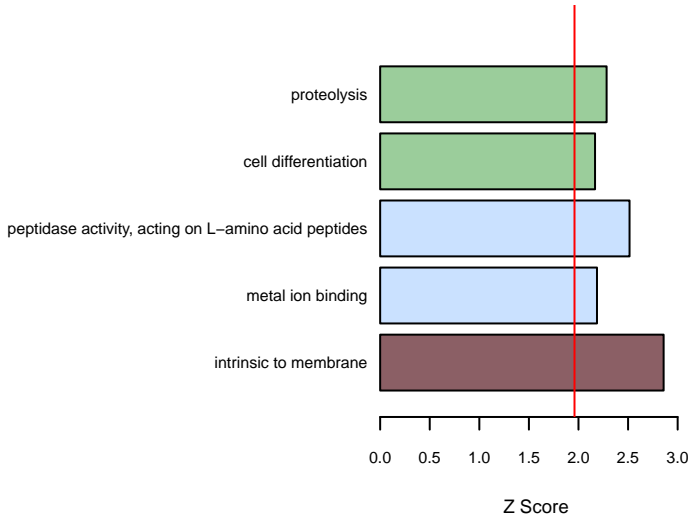
M36 yellowgreen

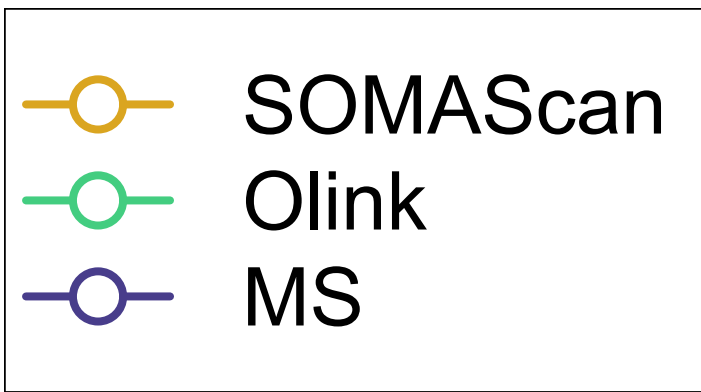


M37 skyblue3

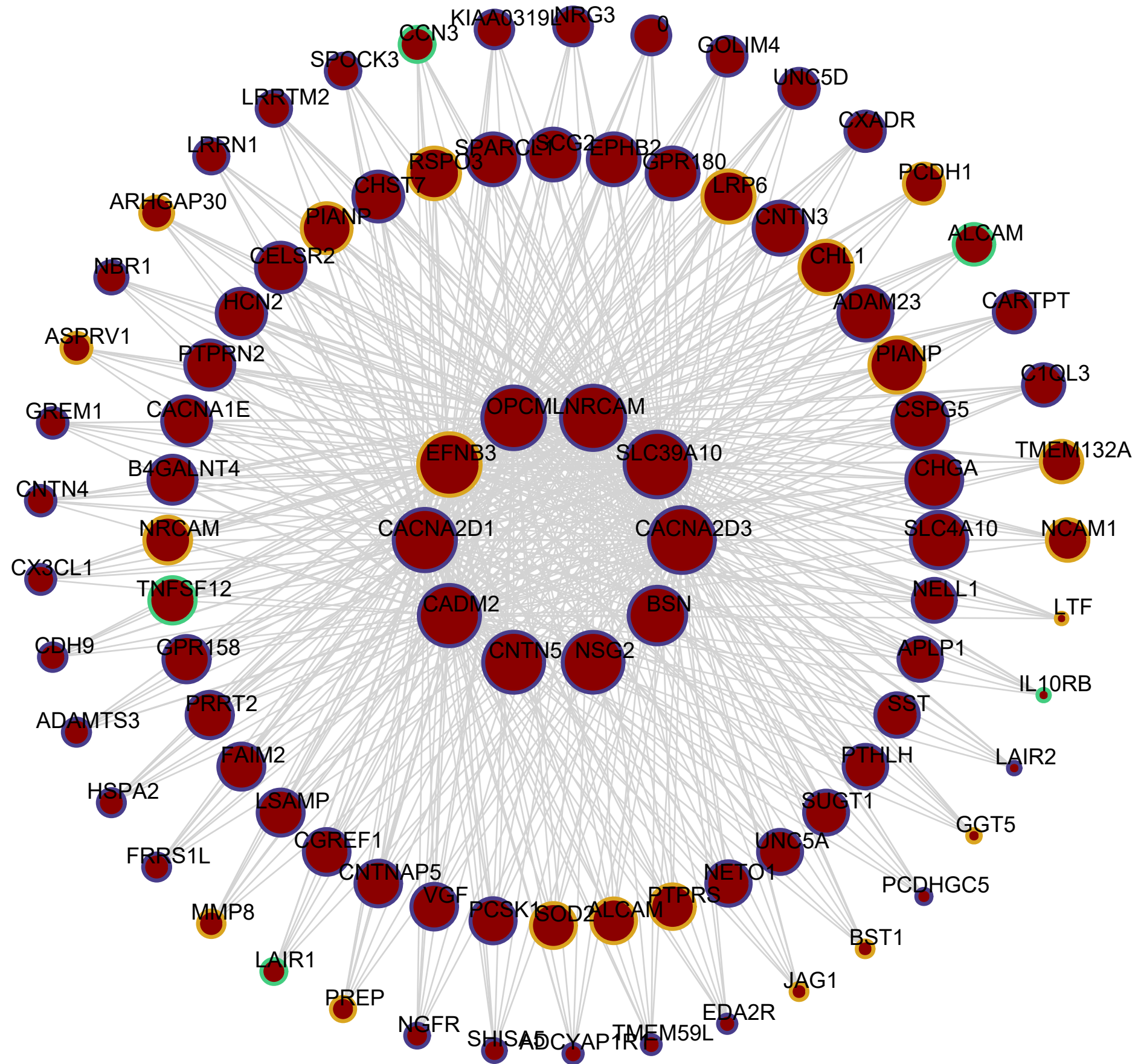


M38 plum1

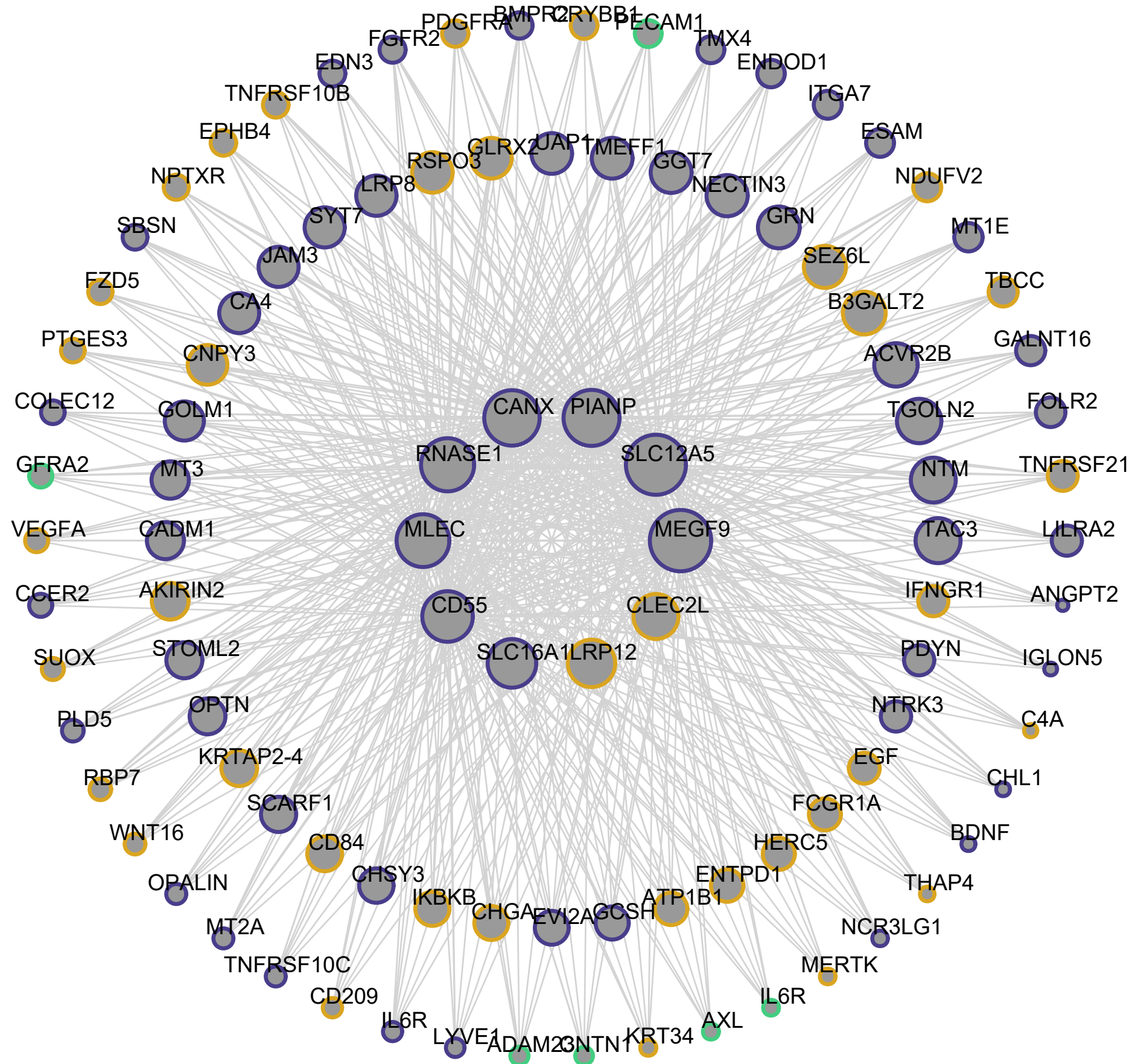




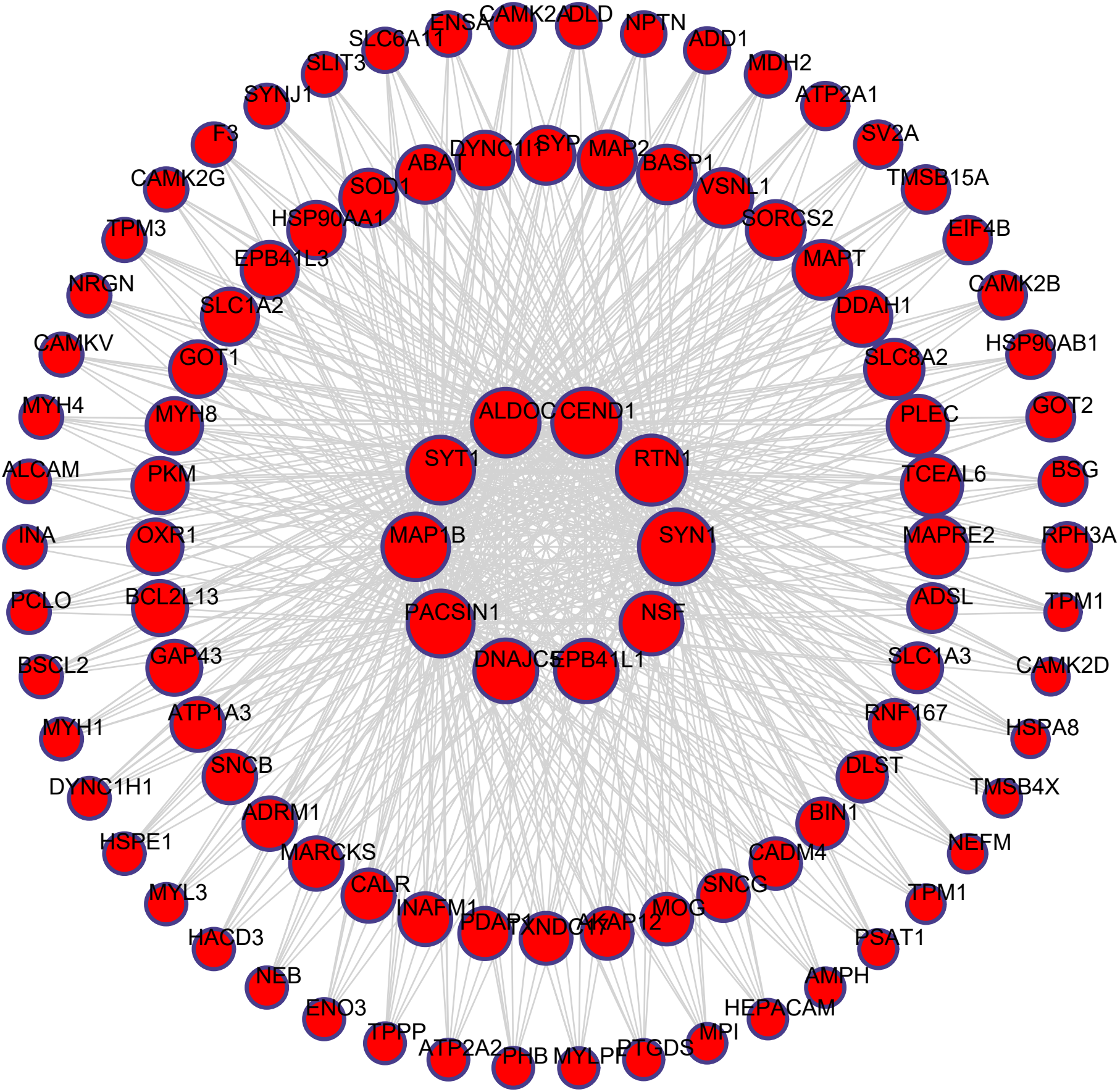
M21 darkred module: Neuron Recognition



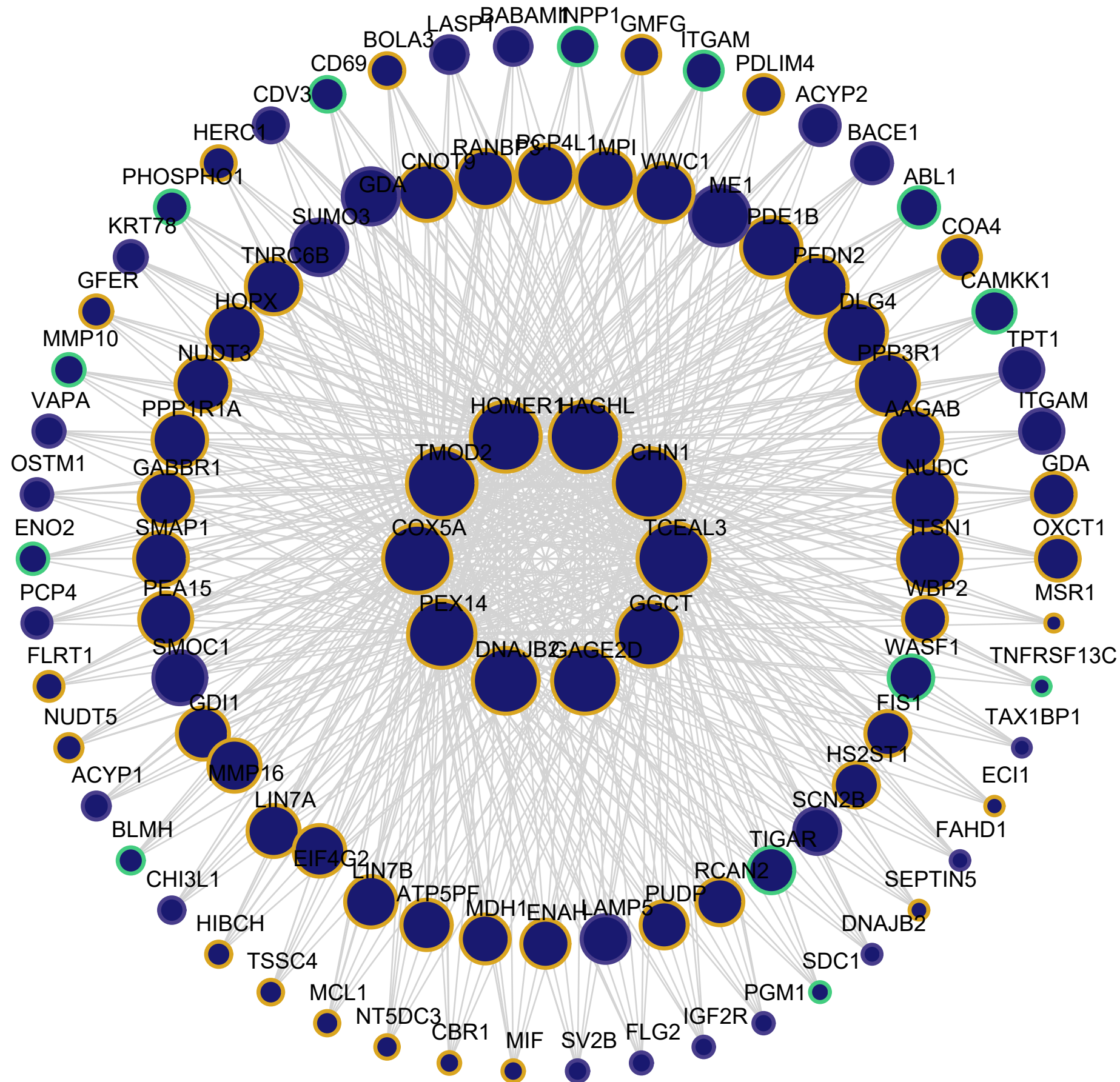
M17 grey60 module: Ambiguous



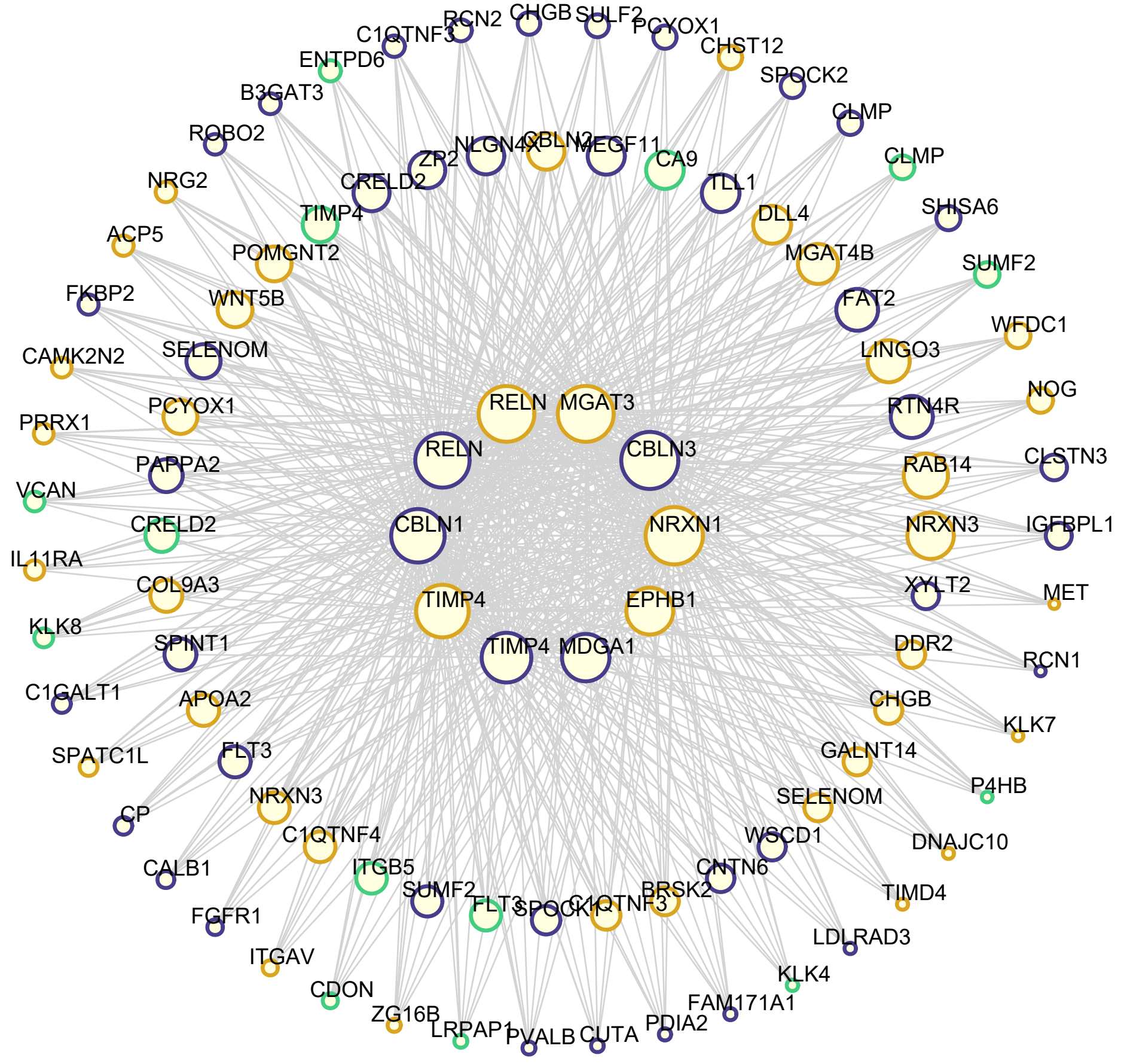
M6 red module: Muscle/Neurotransmitter Transport



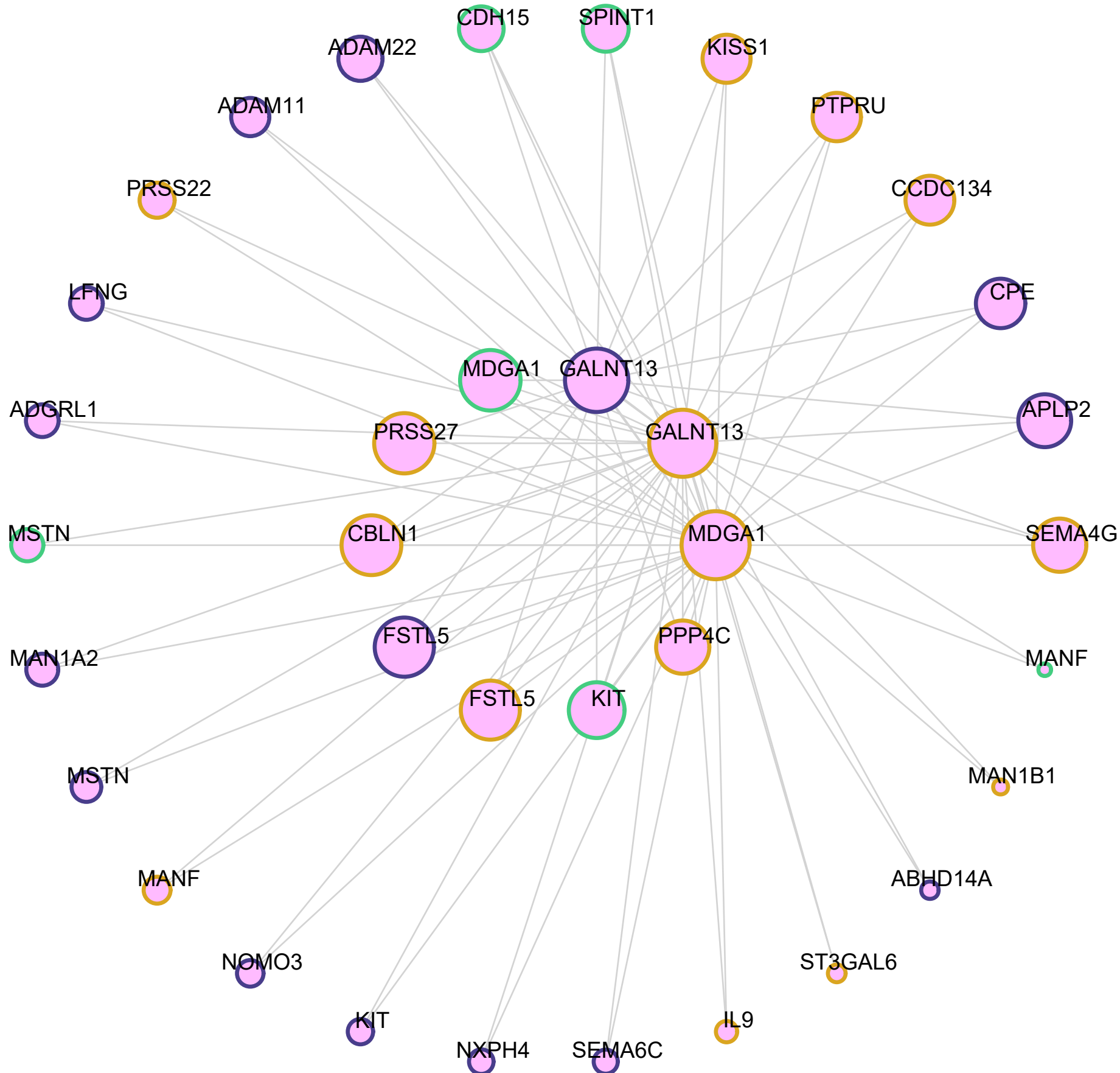
M15 midnightblue module: Post-Synaptic Membrane



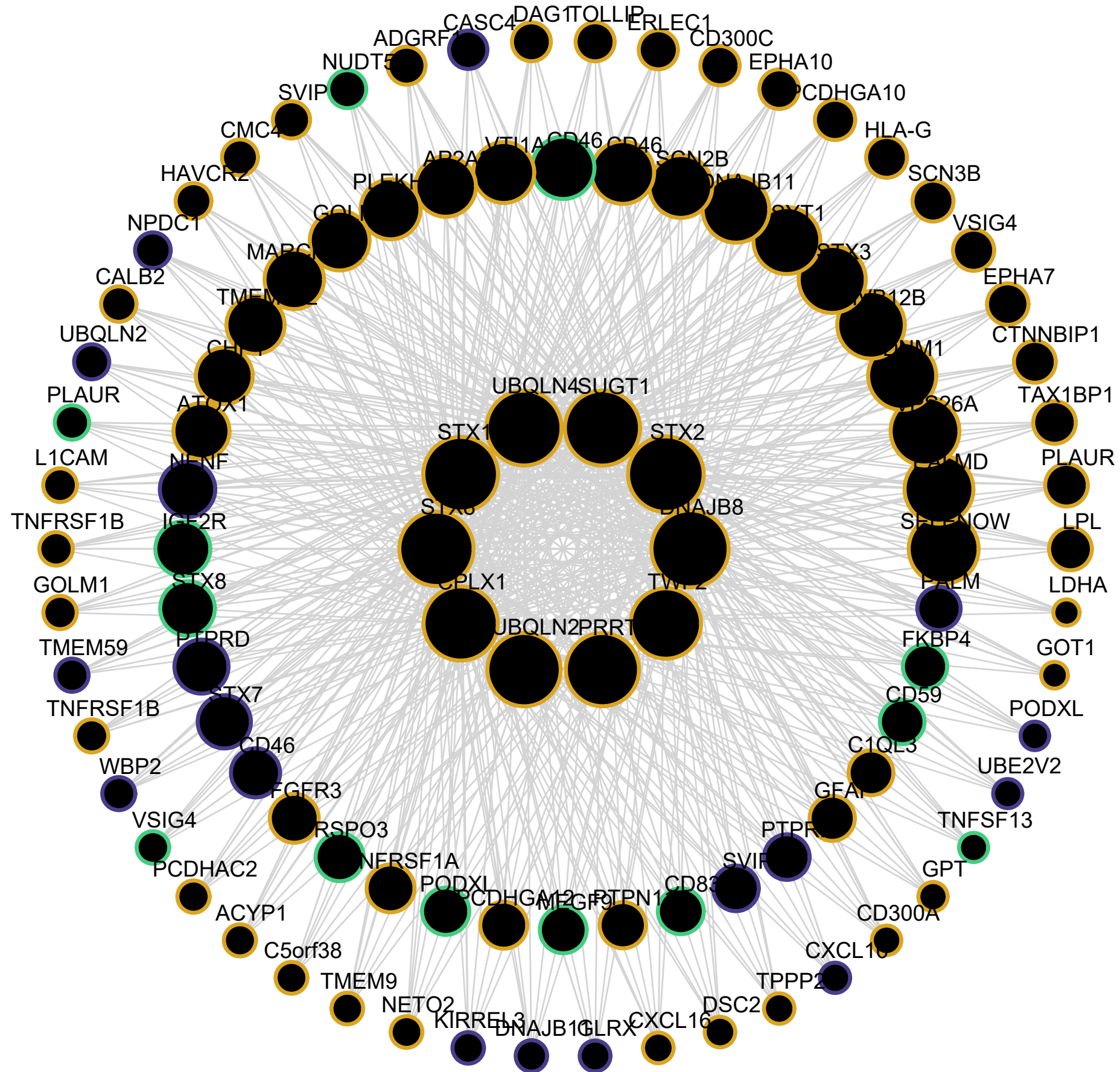
M19 lightyellow module: Synapse Organization



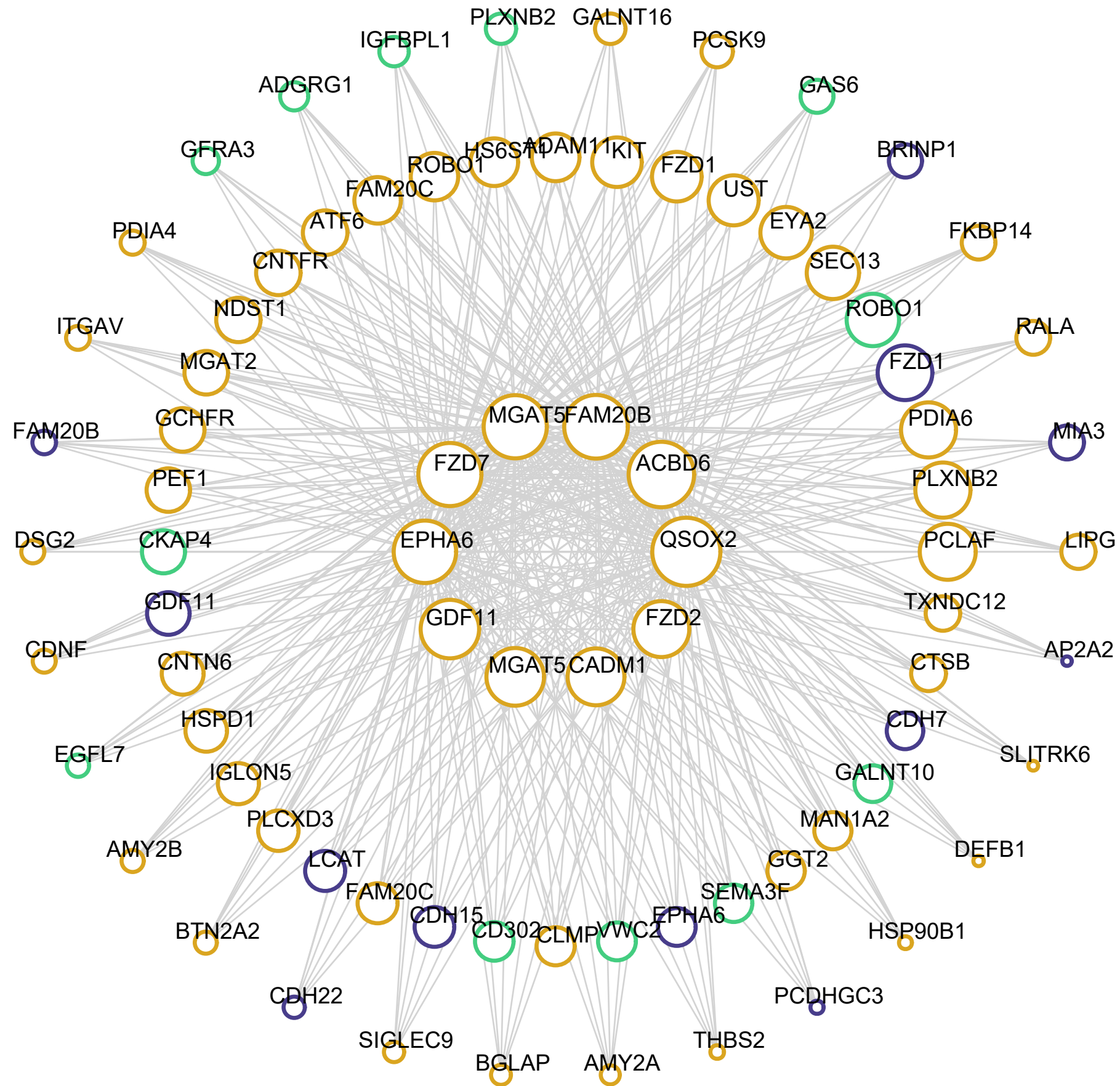
M38 plum1 module: Ambiguous



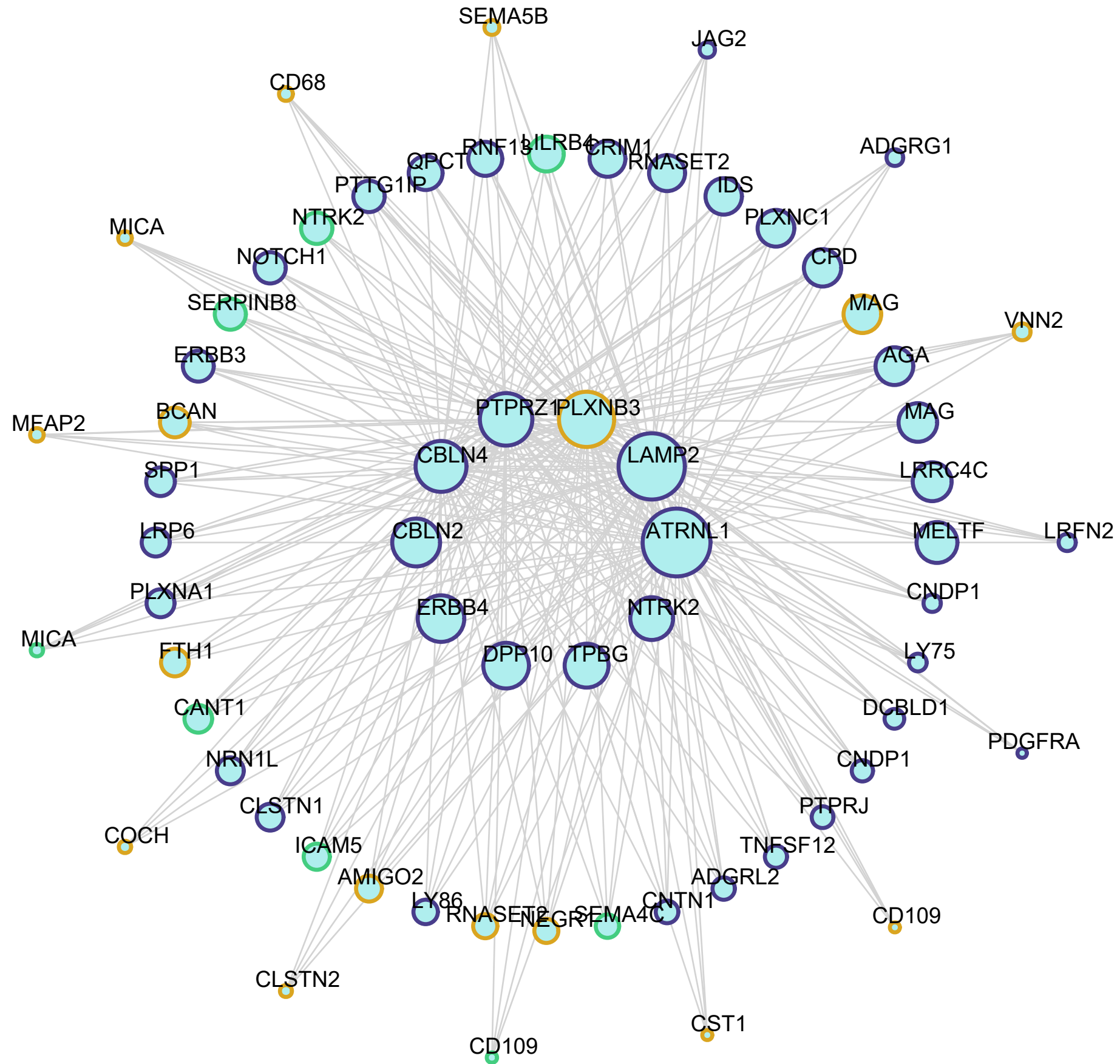
M7 black module: SNAP Receptor/SNARE Complex



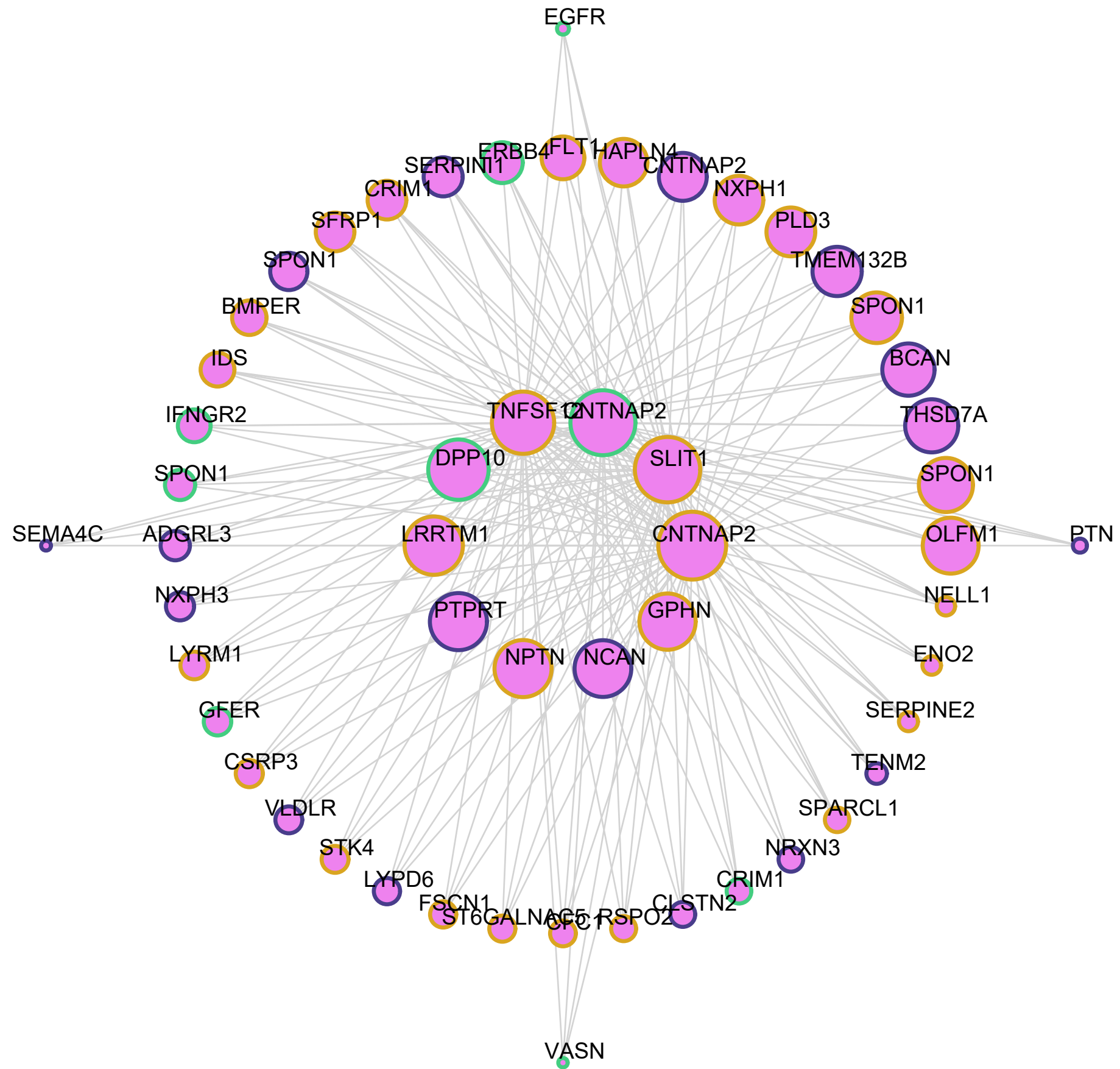
M27 white module: Ambiguous



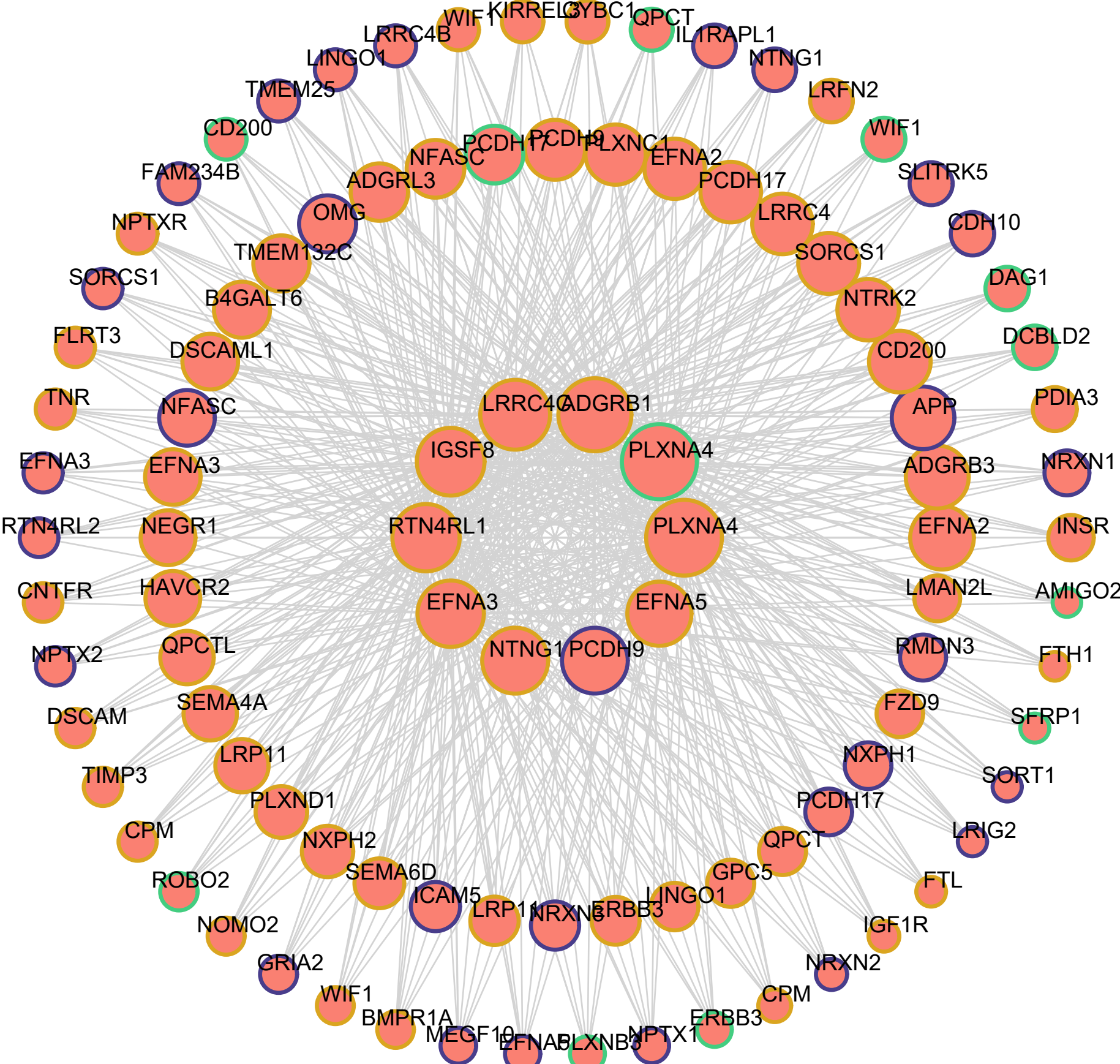
M31 paleturquoise module: Glial Cell Differentiation



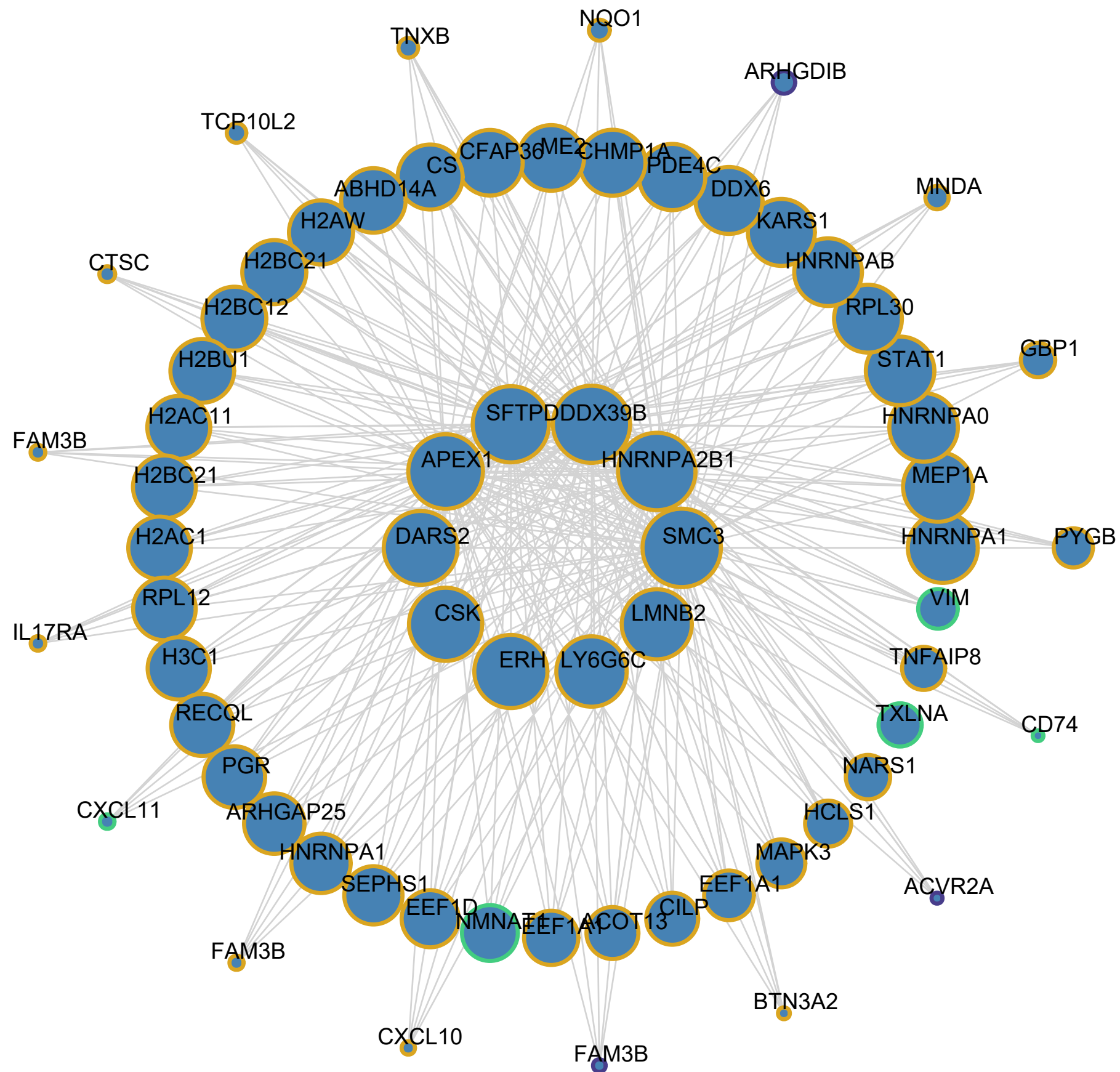
M32 violet module: Synaptic Membrane/Matrisome



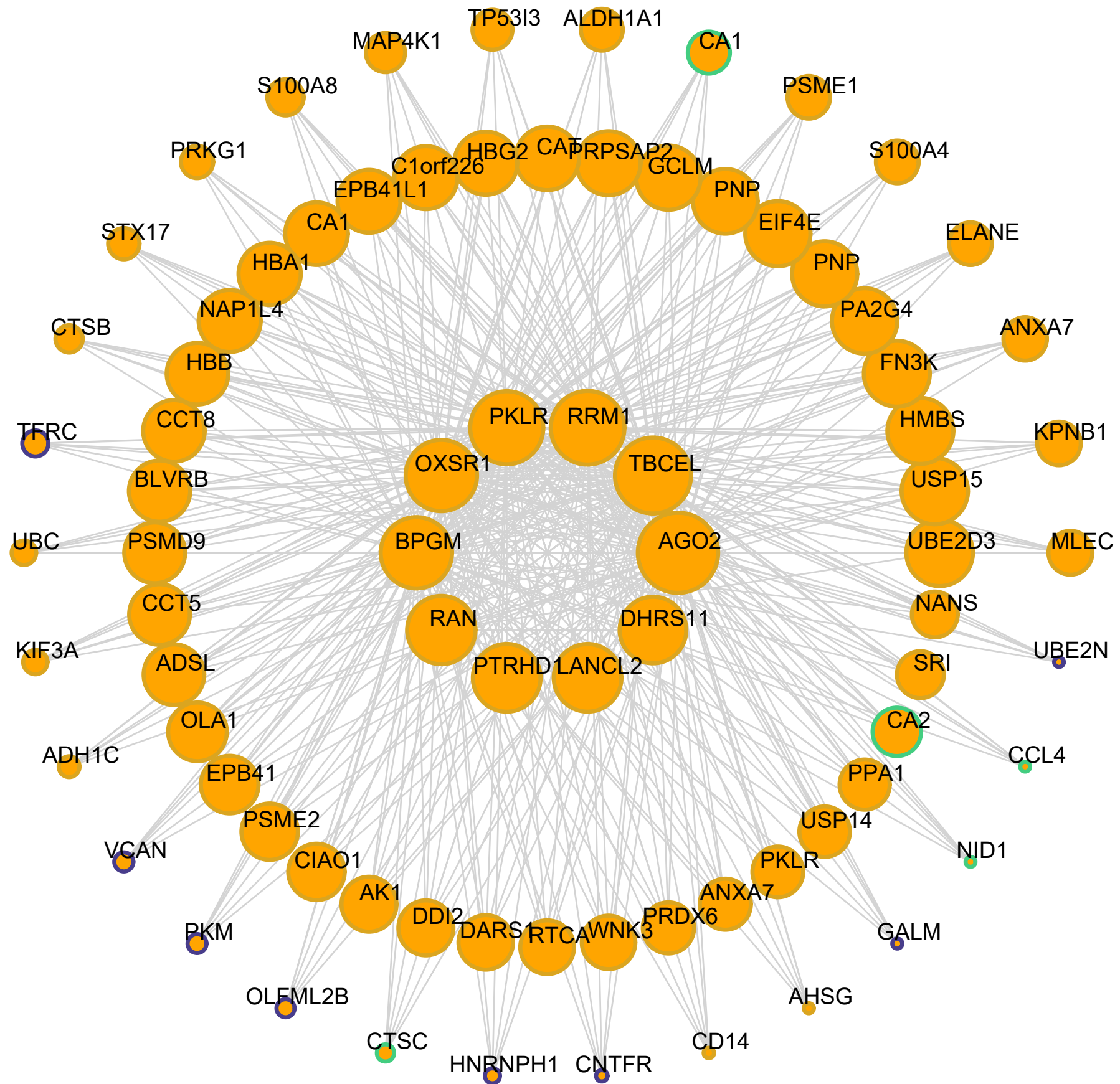
M13 salmon module: Semaphorin-Plexin/Axon Guidance



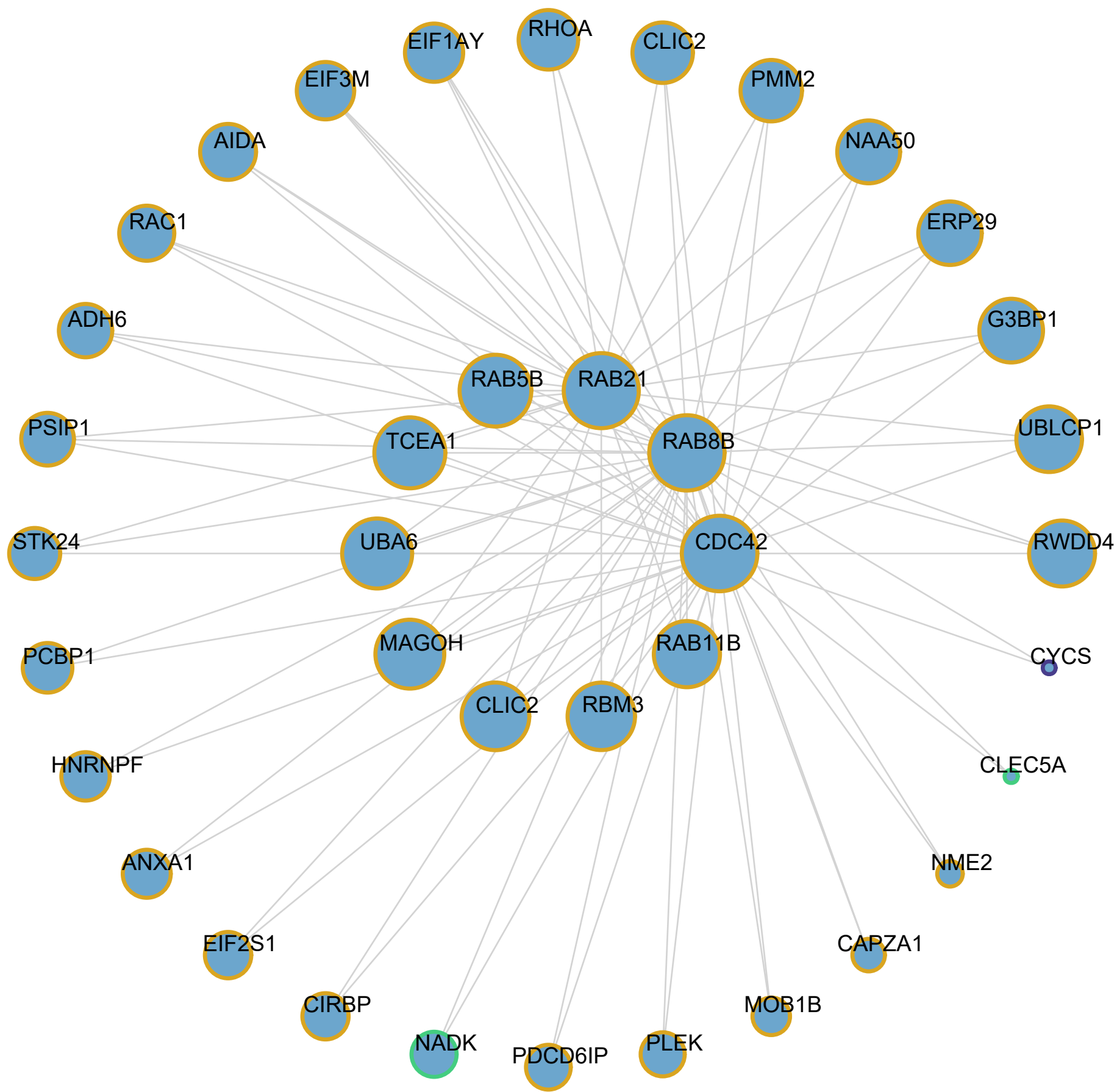
M30 steelblue module: Ribonucleoprotein Complex



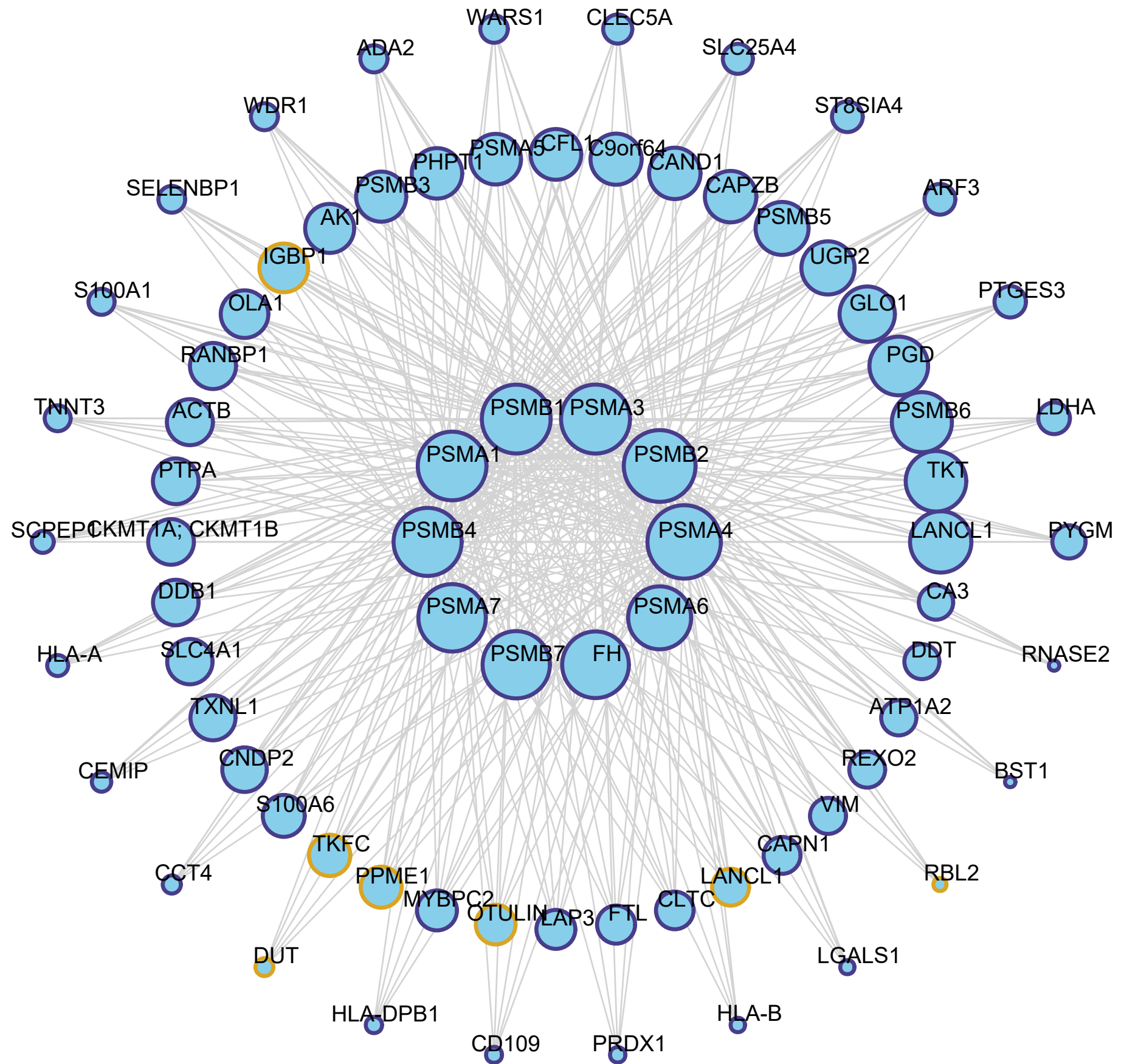
M25 orange module: Ambiguous



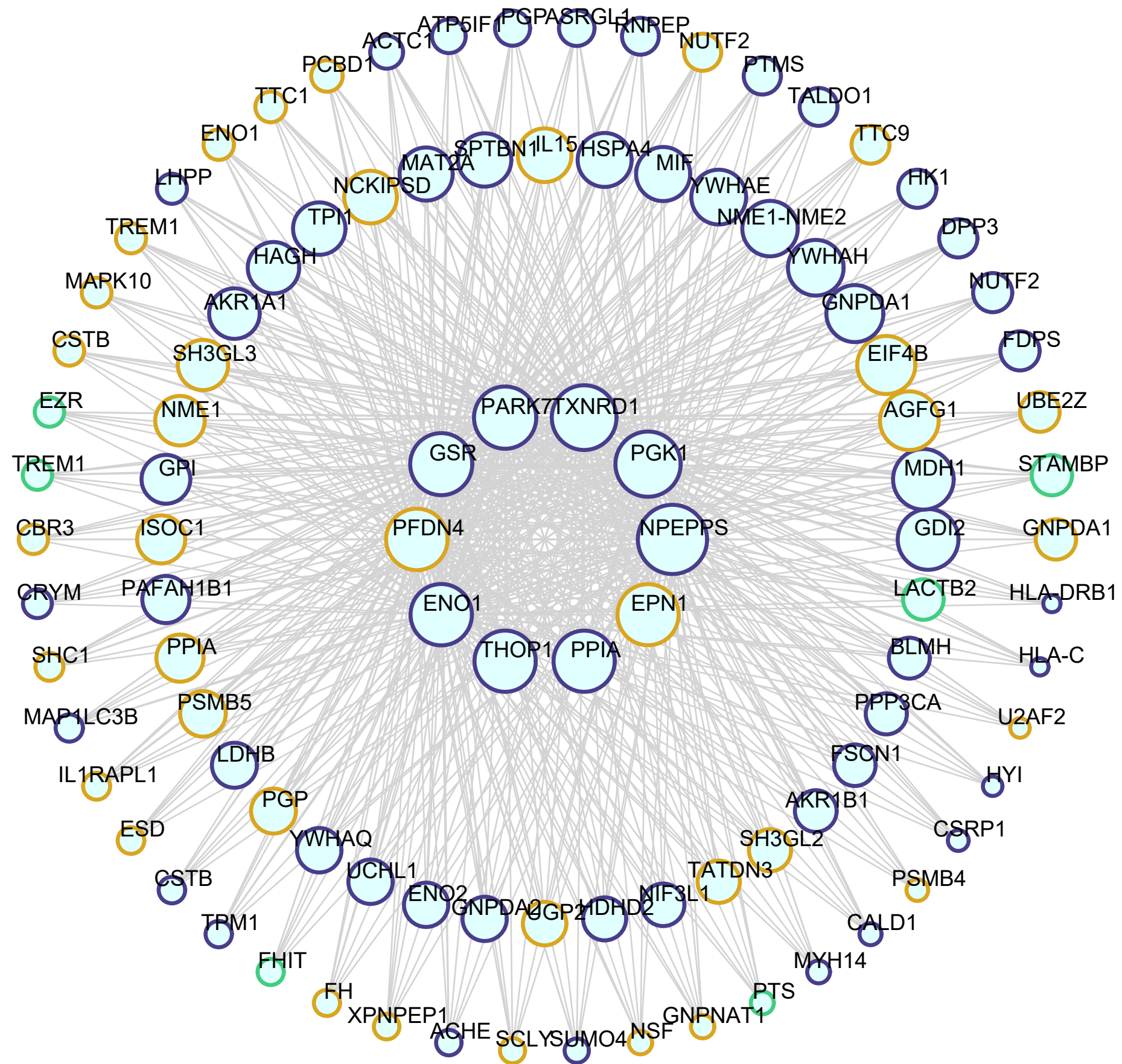
M37 skyblue3 module: RNA Binding/Metabolism



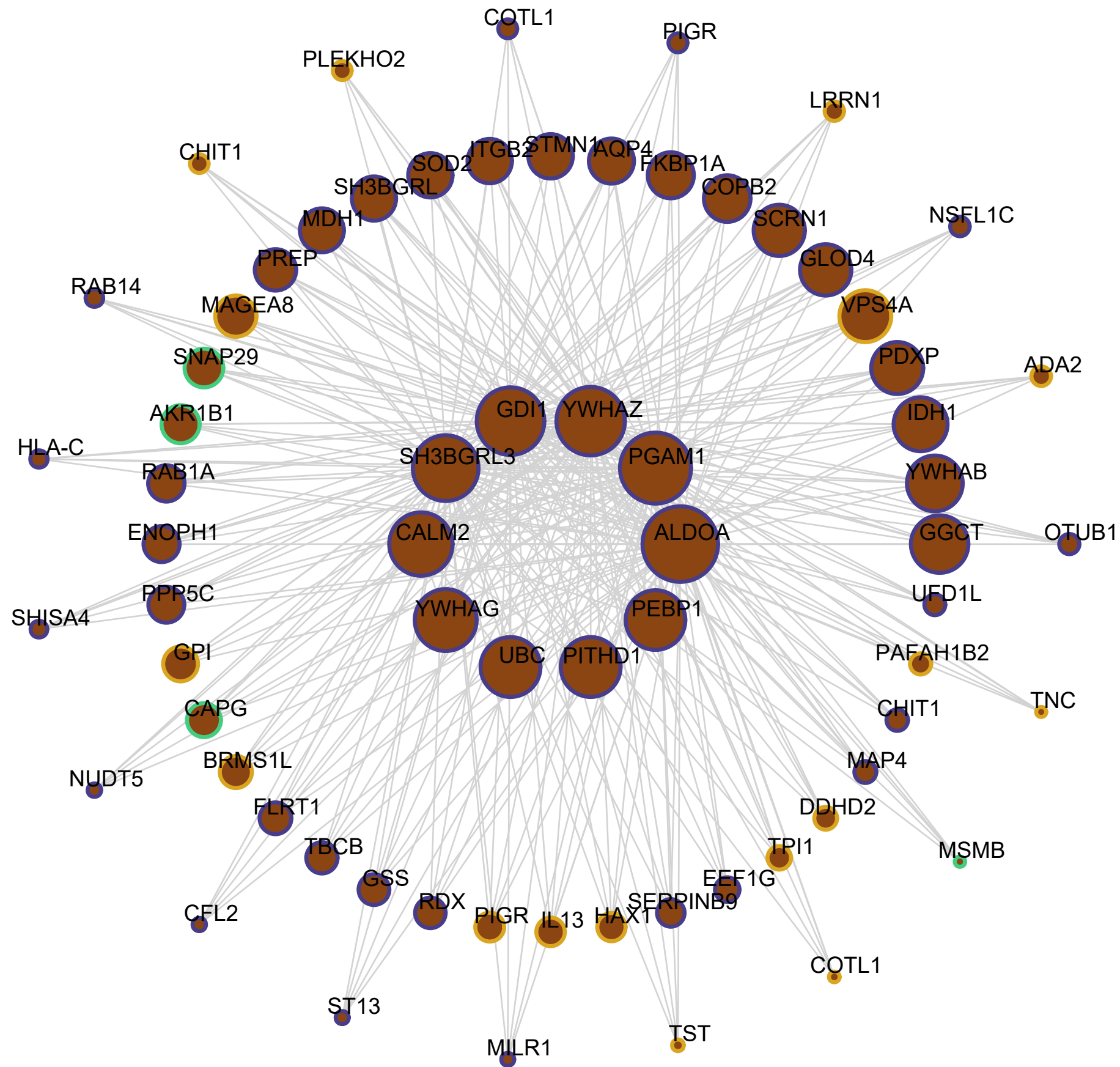
M28 skyblue module: Proteasome



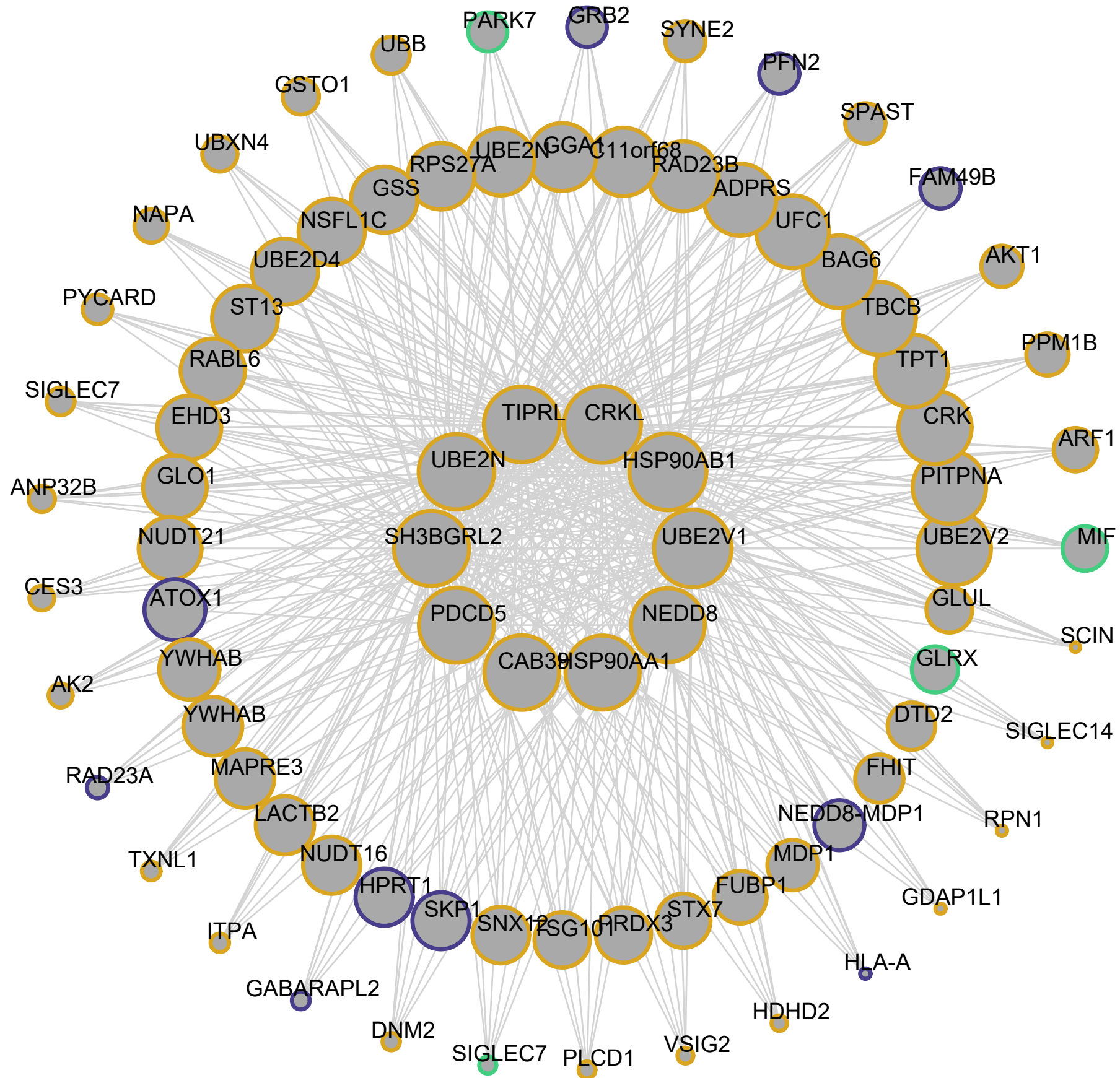
M16 lightcyan module: Sugar Metabolism



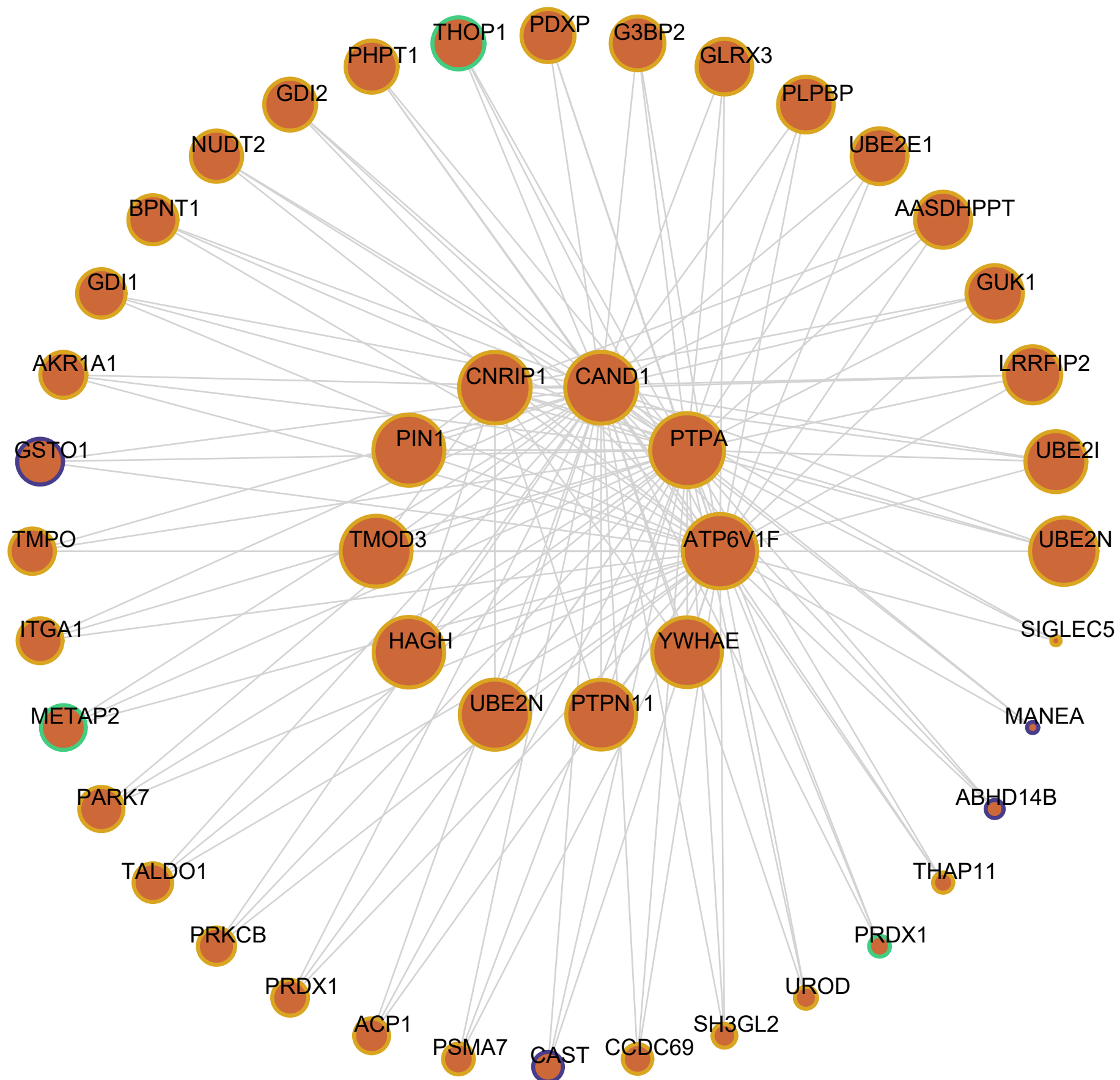
M29 saddlebrown module: Sugar Metabolism/Actin Depolymerization



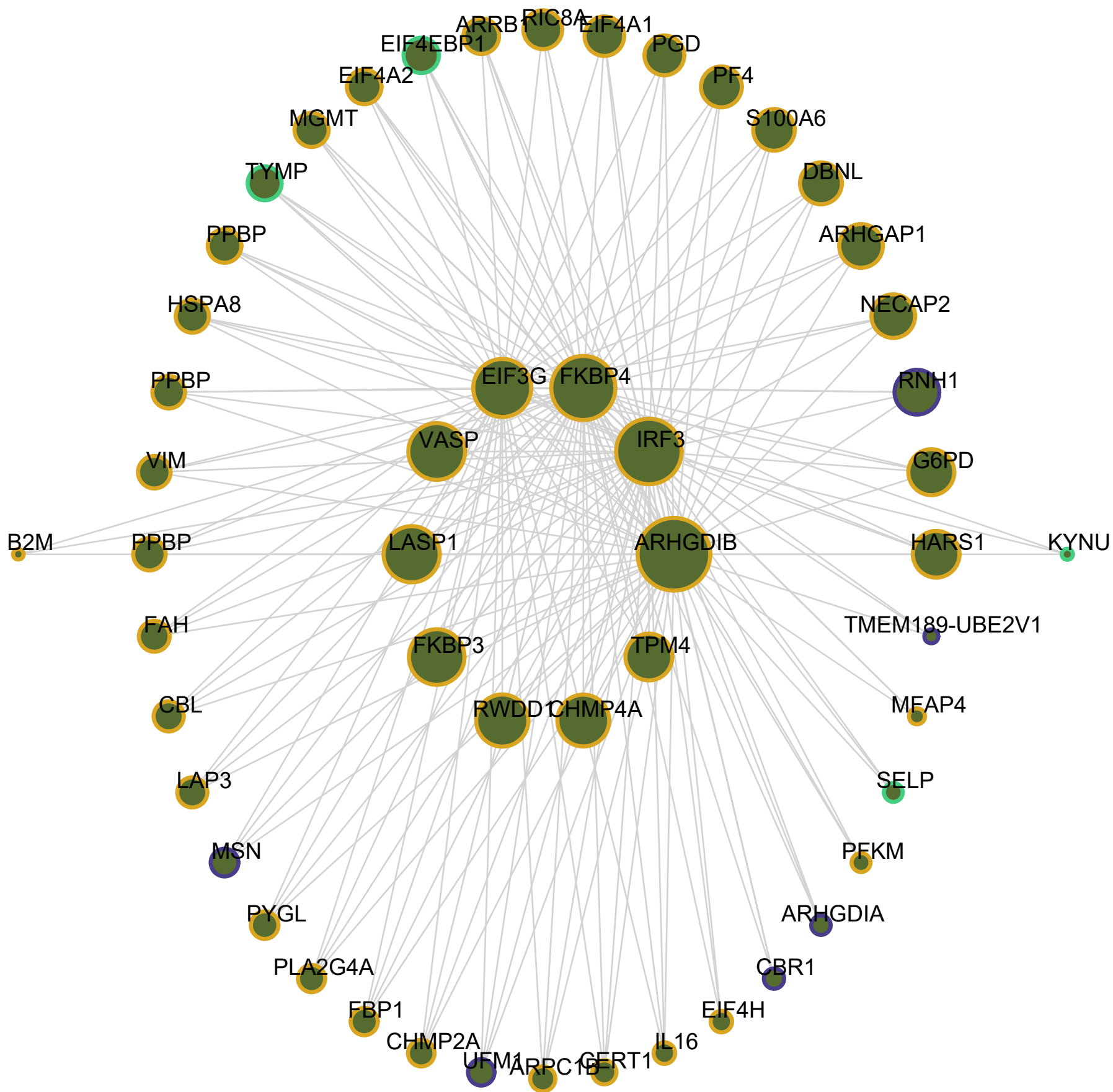
M24 darkgrey module: Ubiquitination



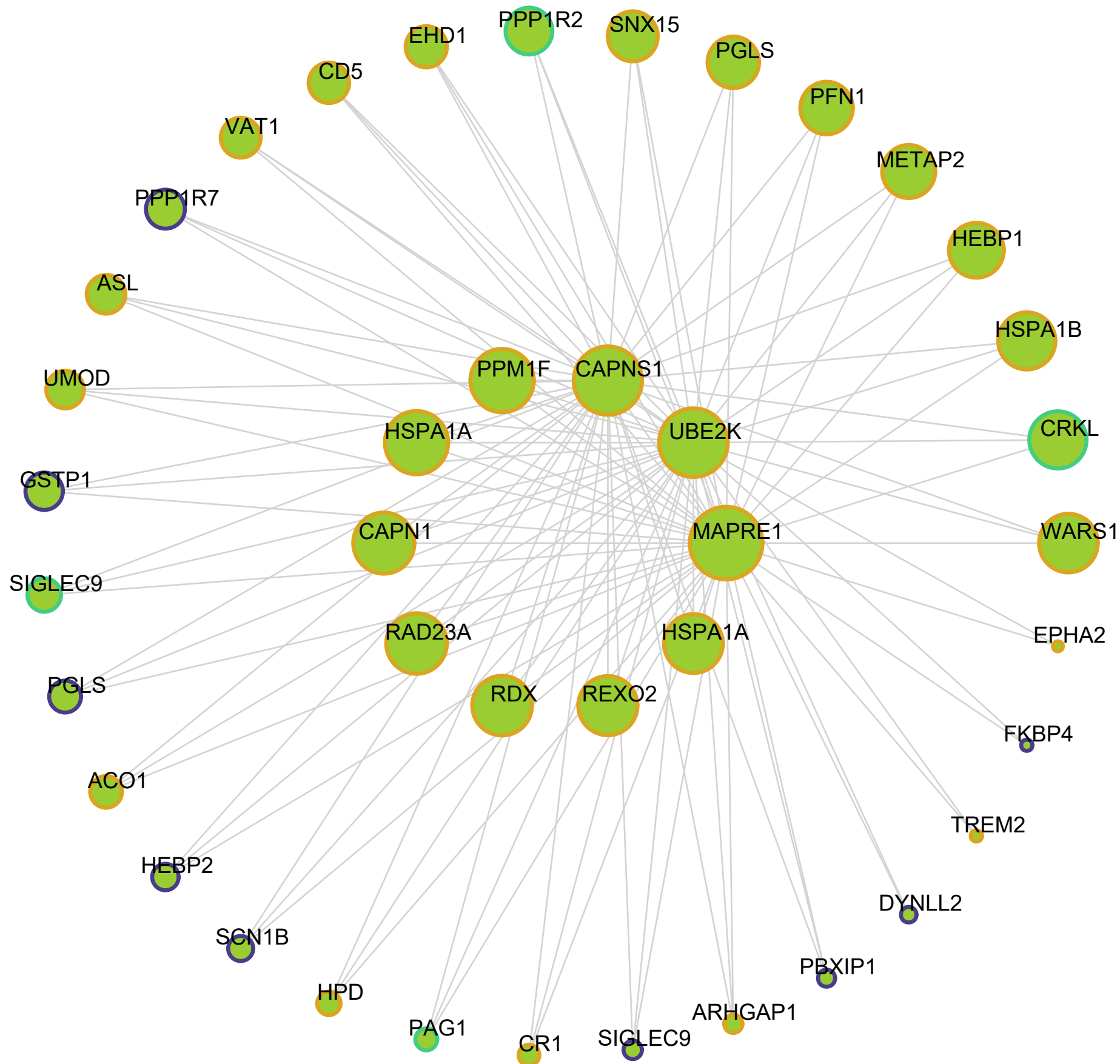
M35 sienna3 module: Ambiguous



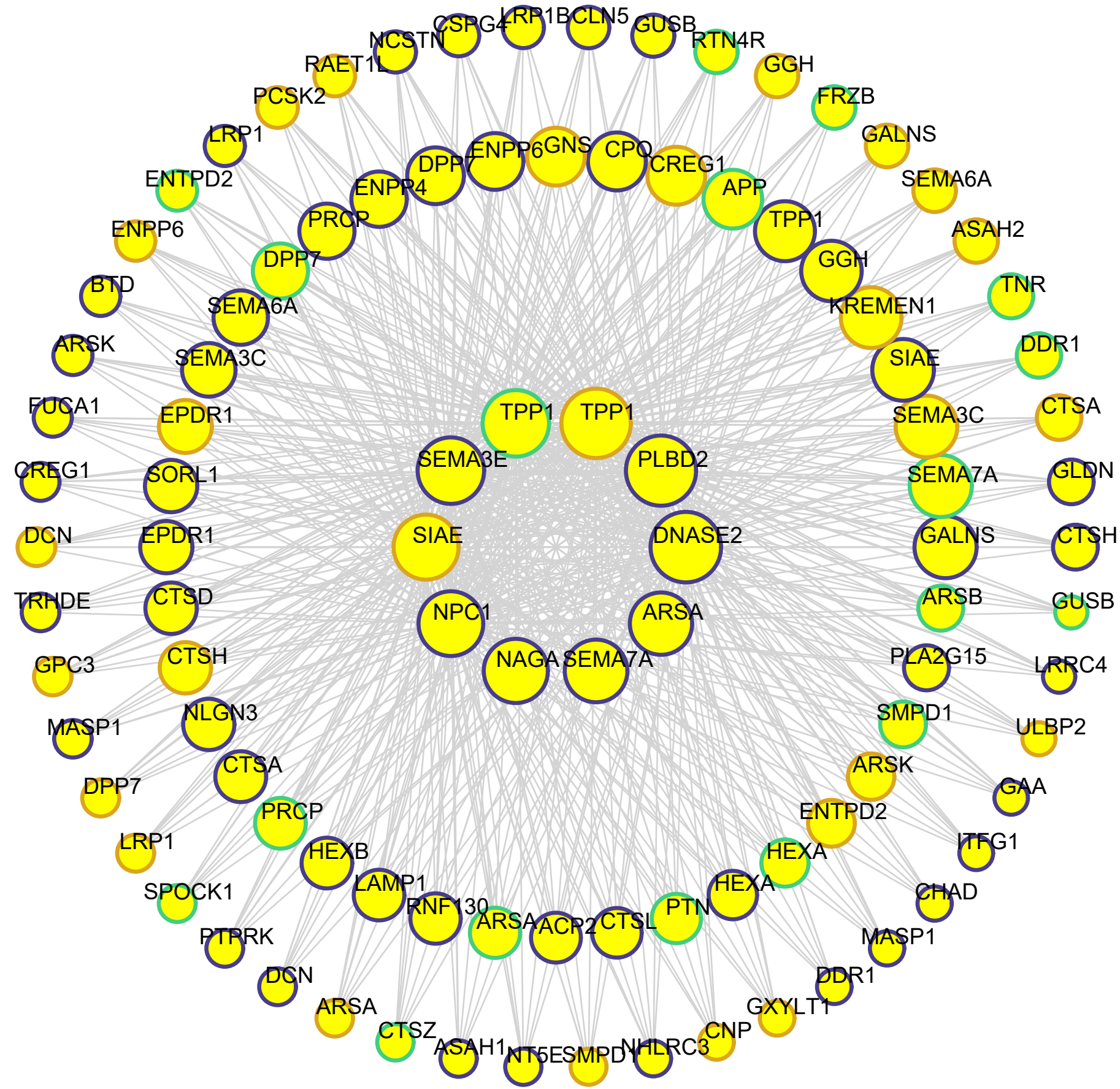
M33 darkolivegreen module: Translation/Sugar Binding



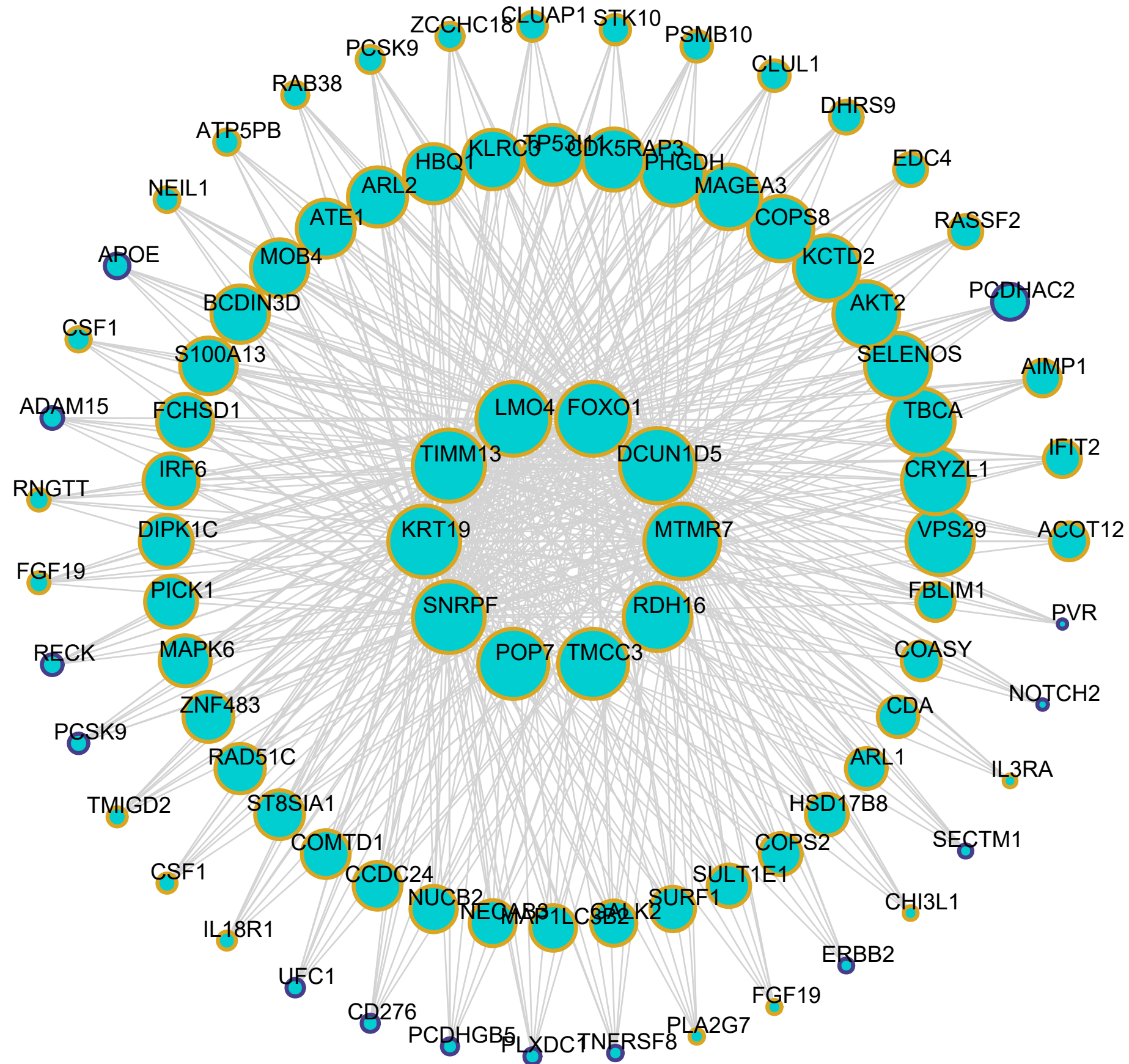
M36 yellowgreen module: Organelle Organization/Biogenesis



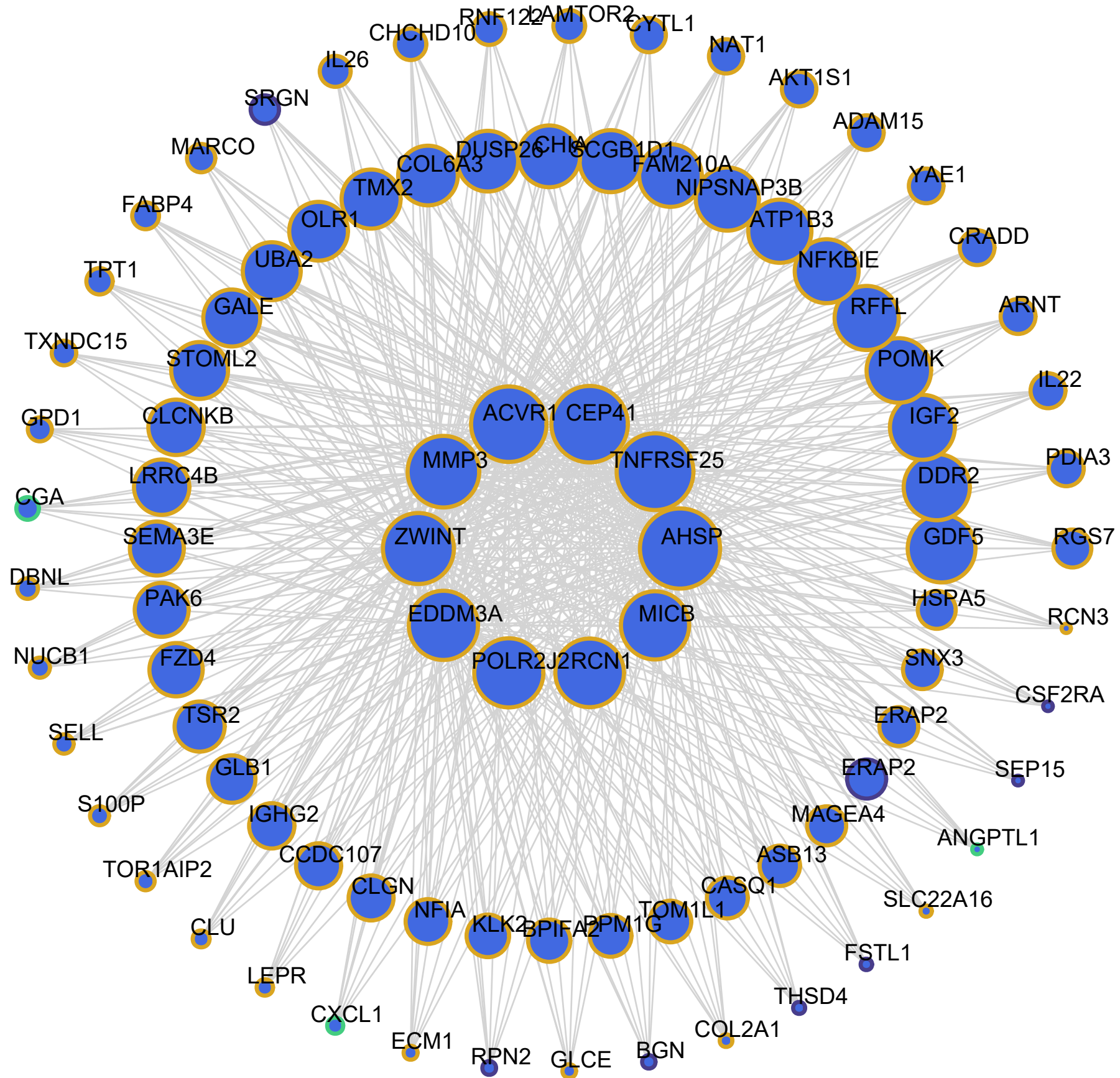
M4 yellow module: Lysosome



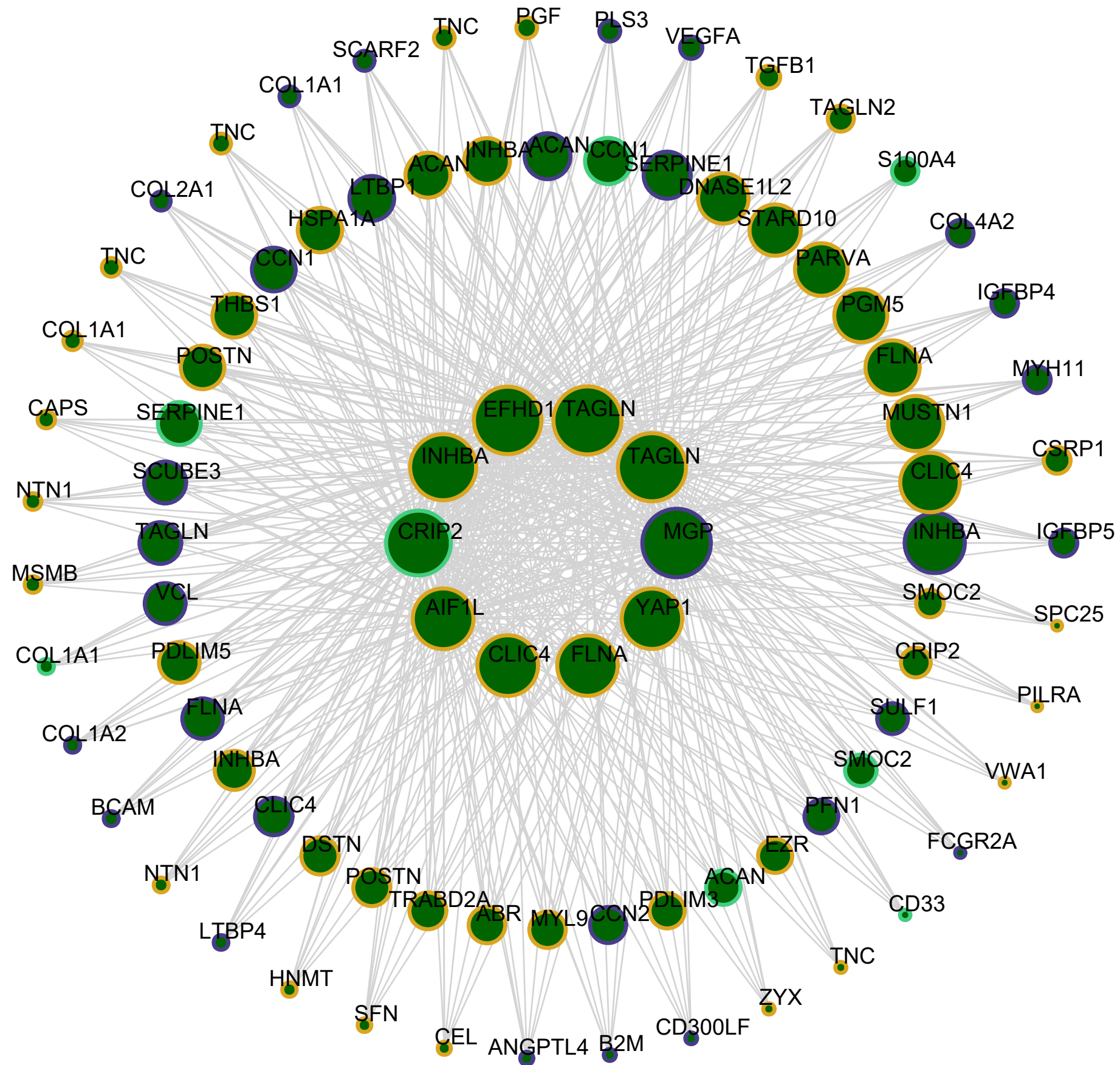
M23 darkturquoise module: Nucleic Acid/Steroid Metabolism



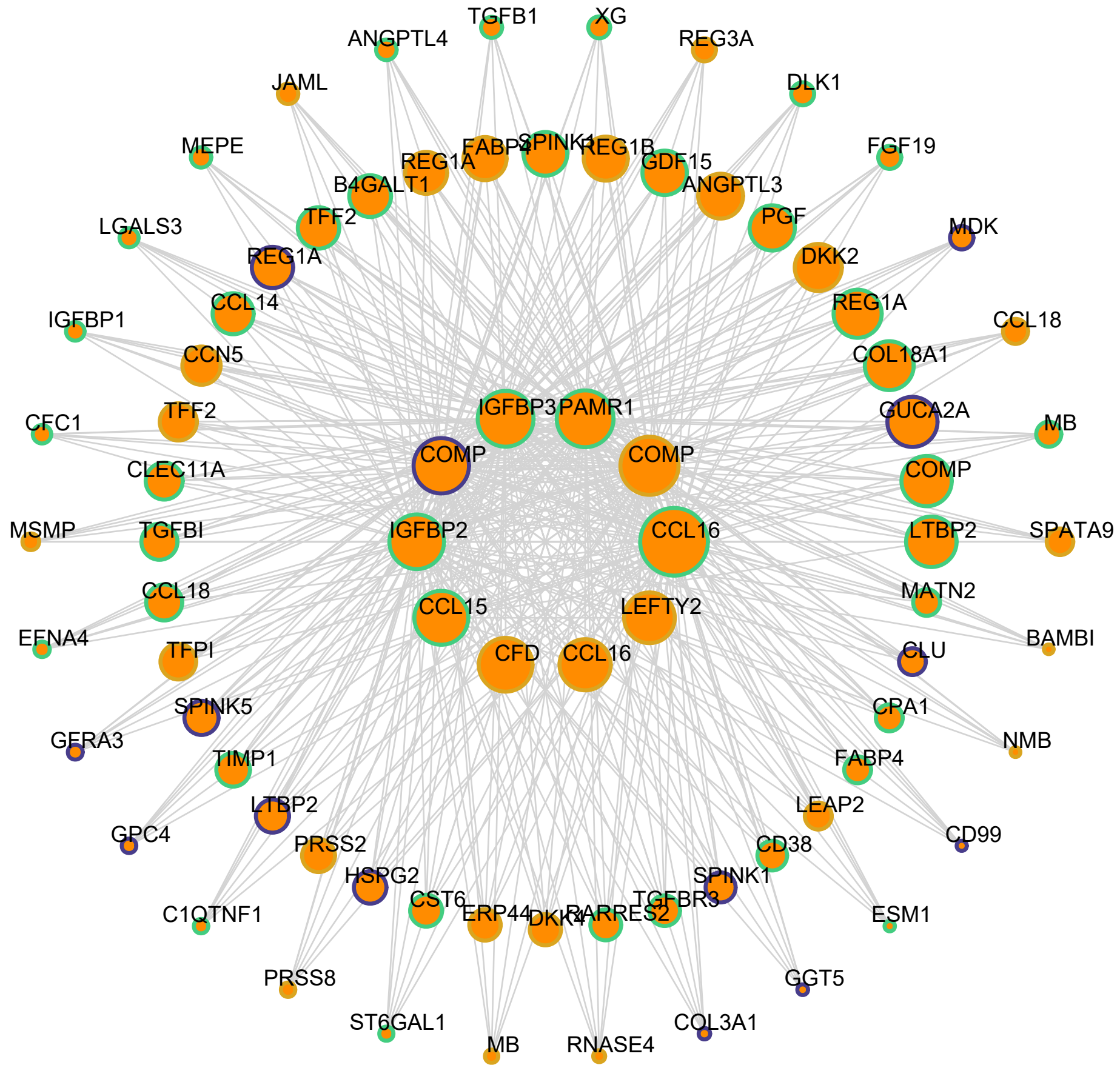
M20 royalblue module: Ambiguous



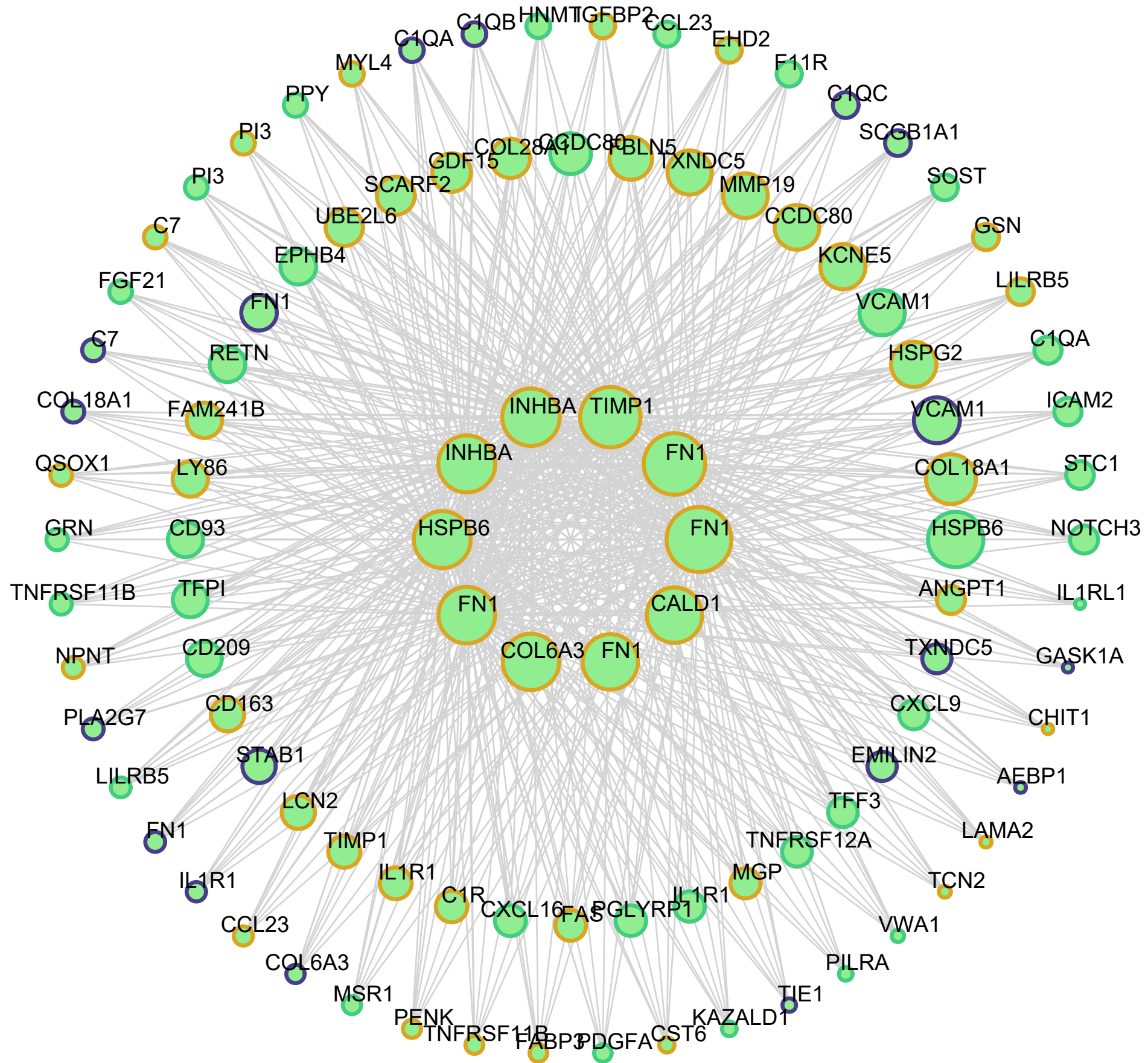
M22 darkgreen module: ECM/Actin Binding



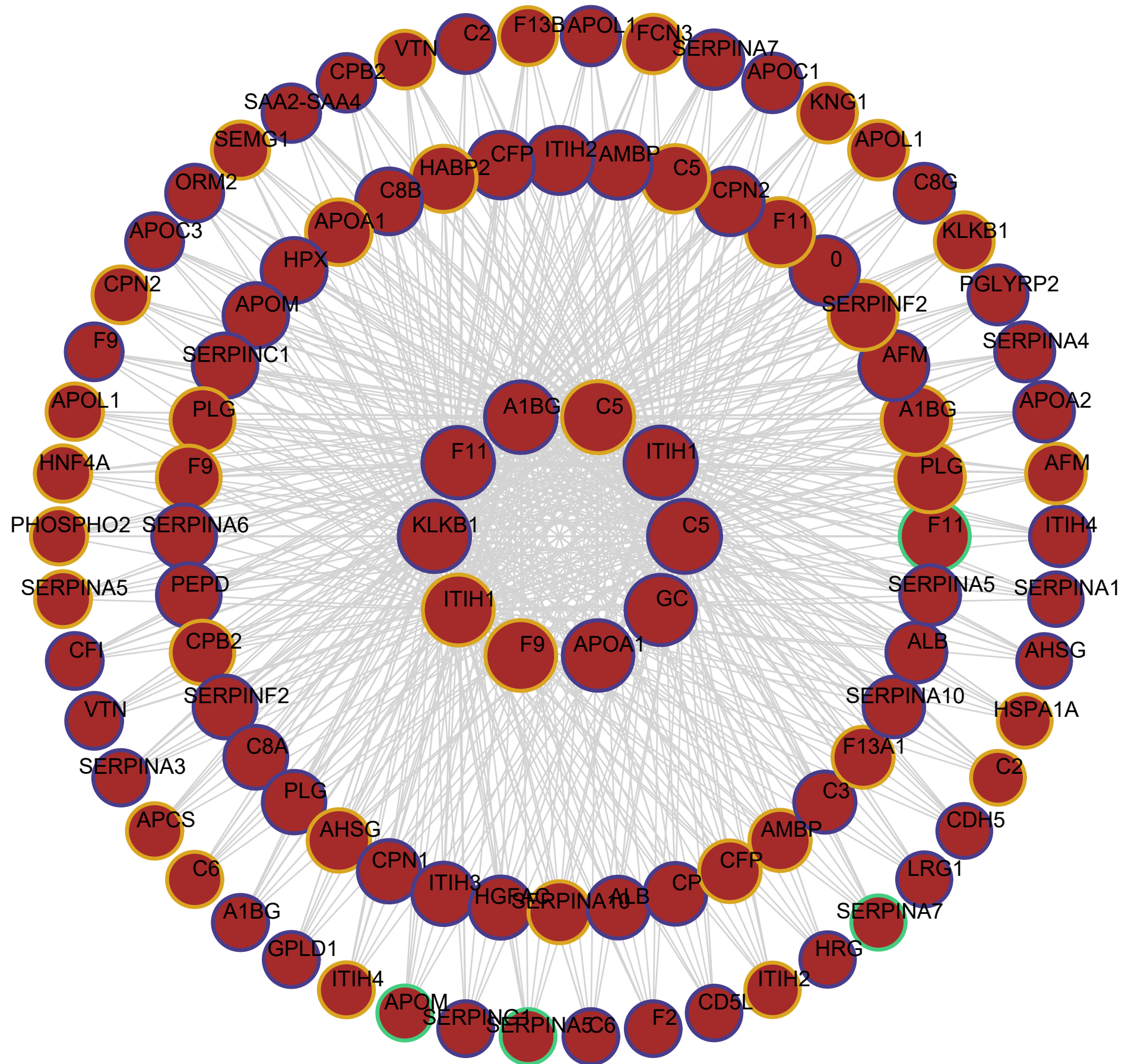
M26 darkorange module: TGF-? Signaling

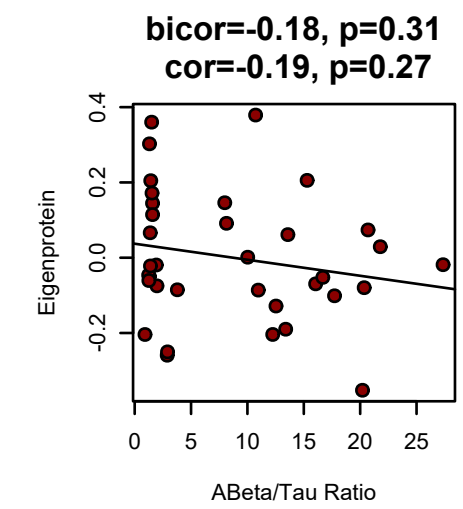
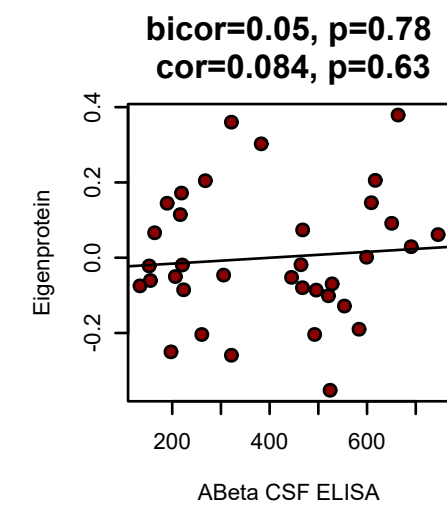
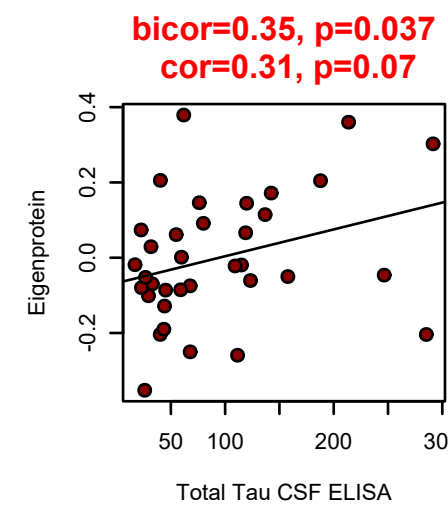
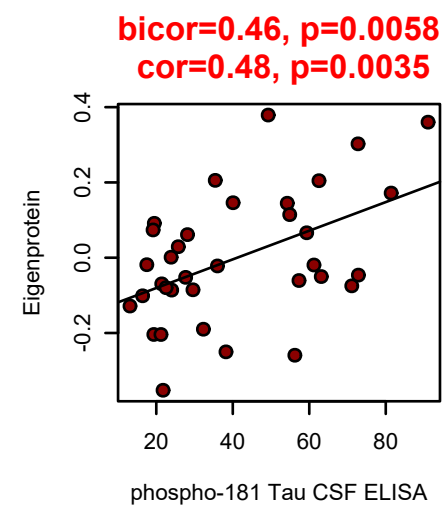
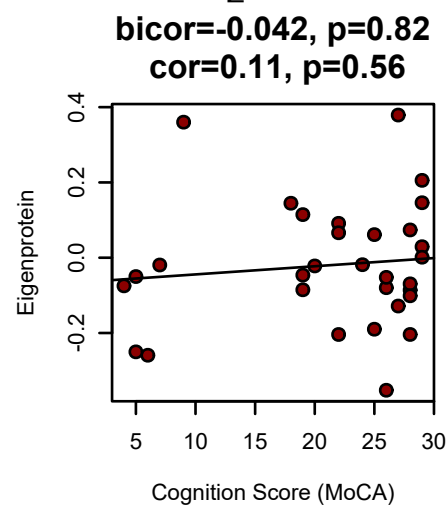
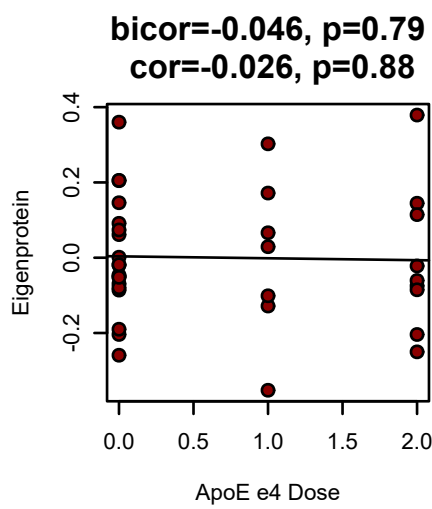
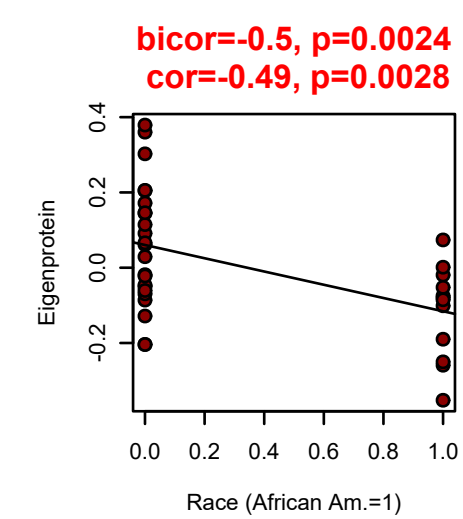
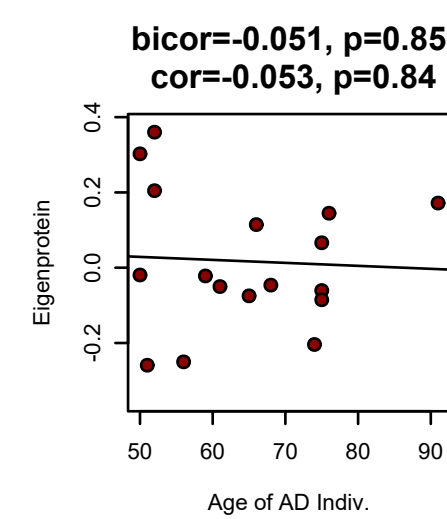
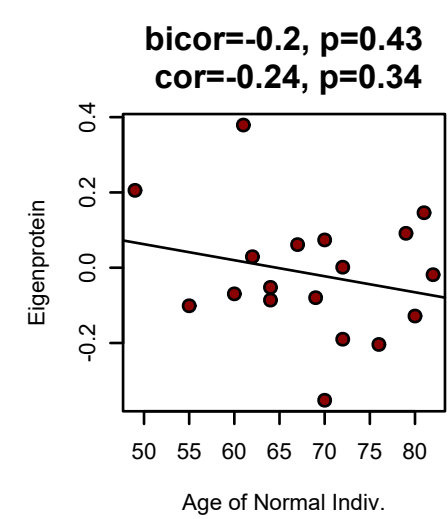
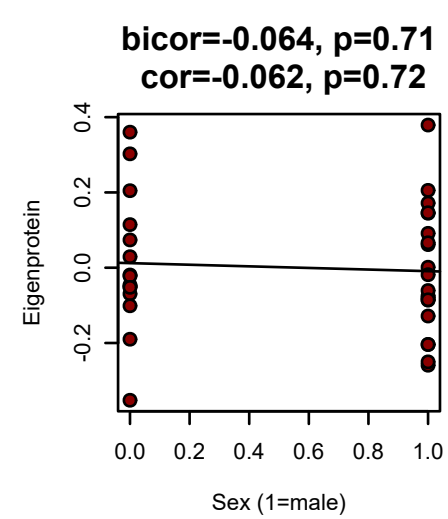
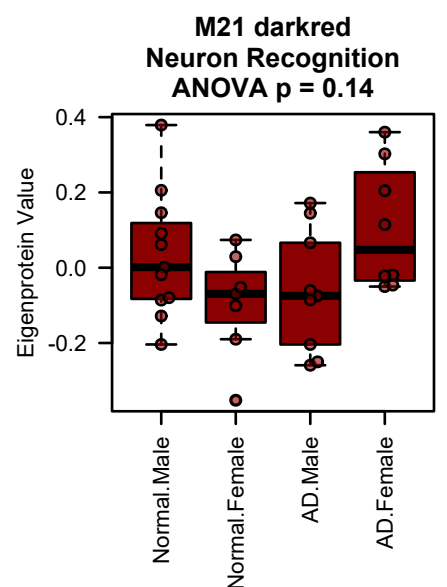
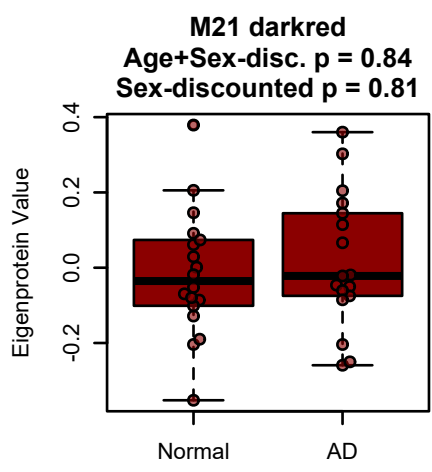
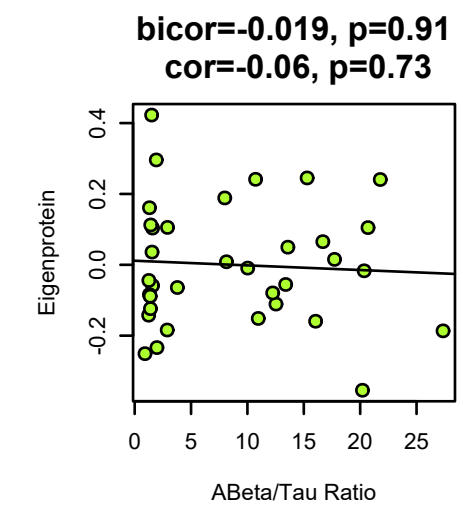
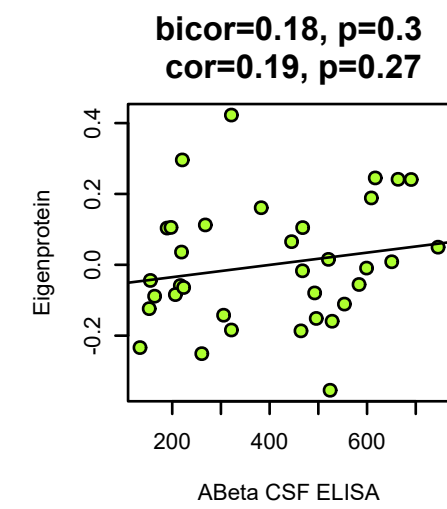
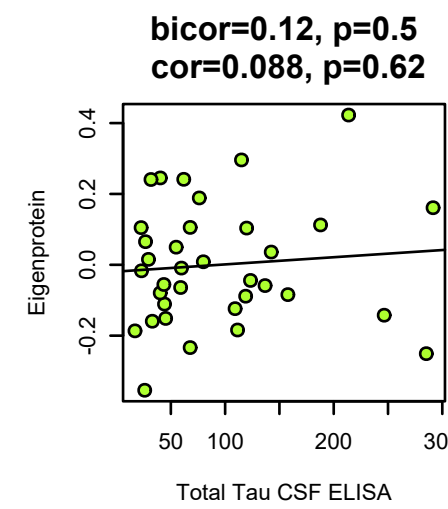
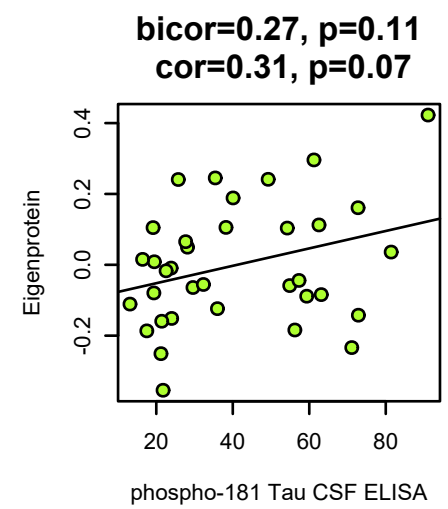
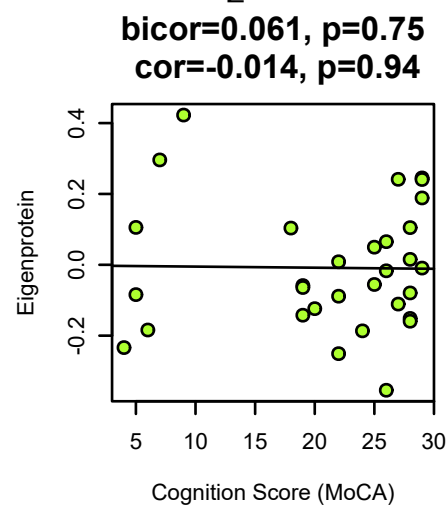
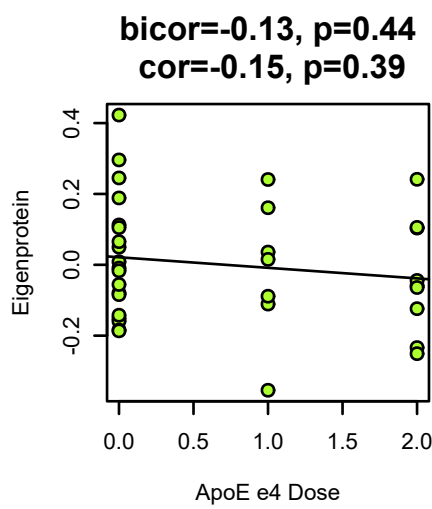
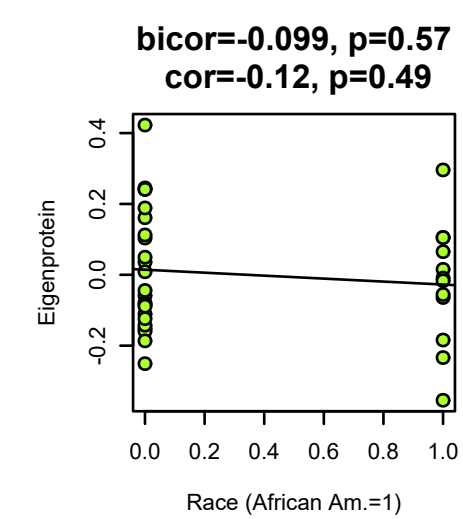
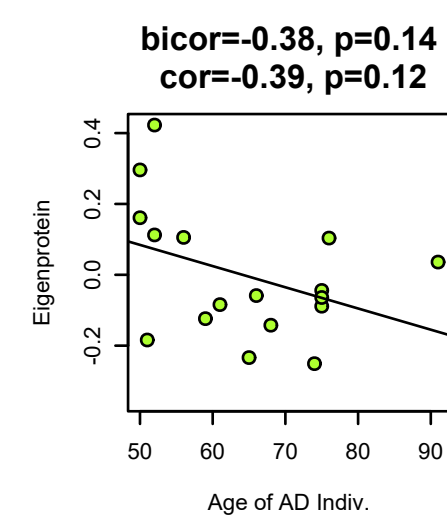
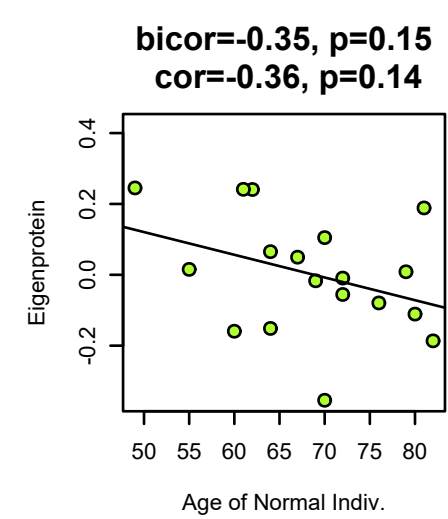
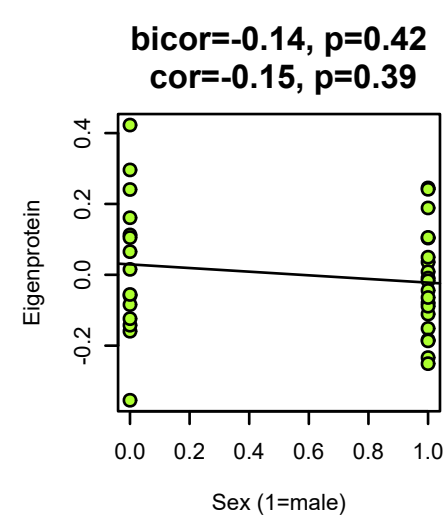
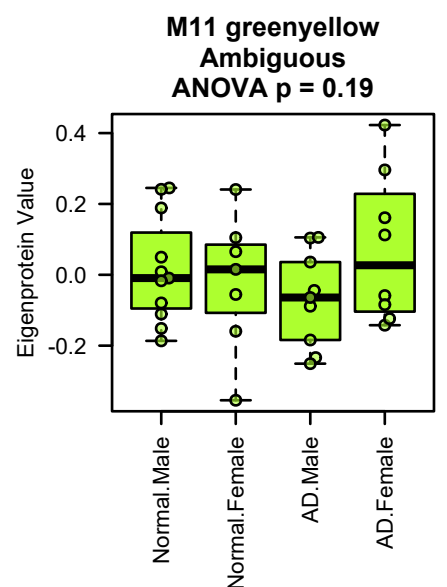
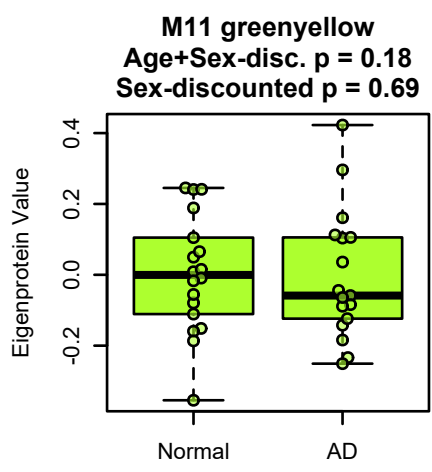


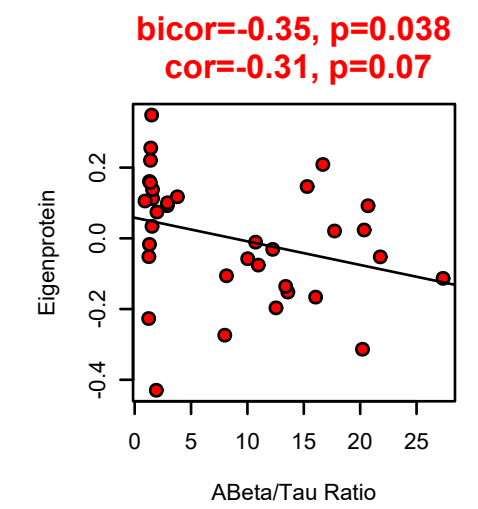
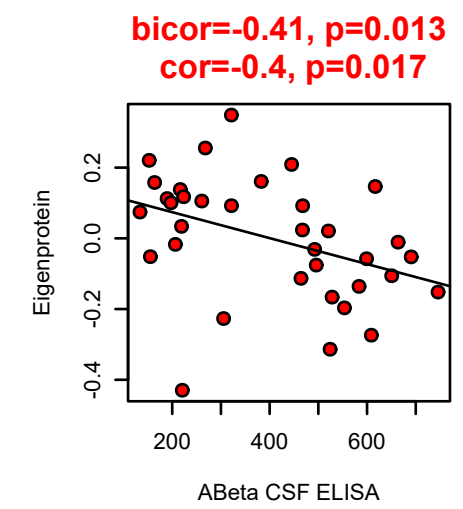
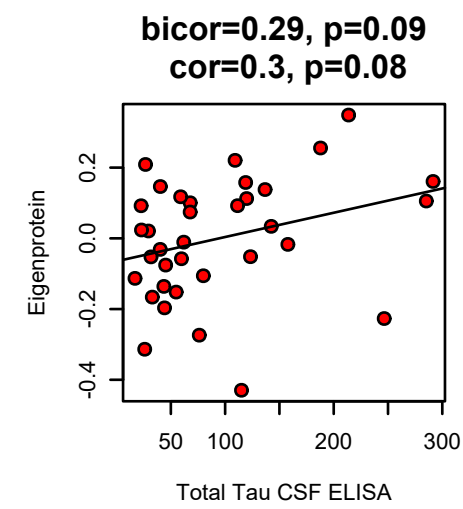
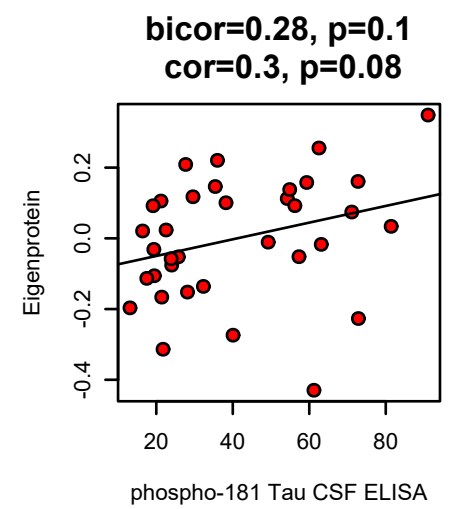
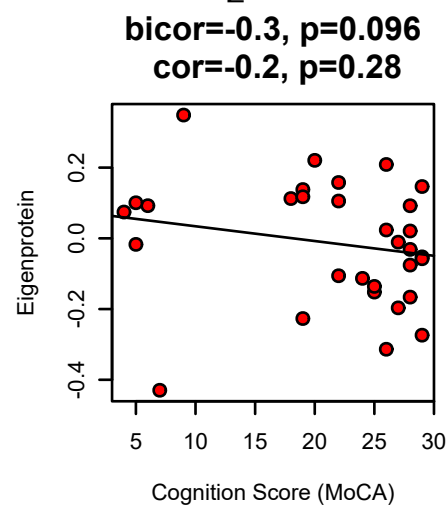
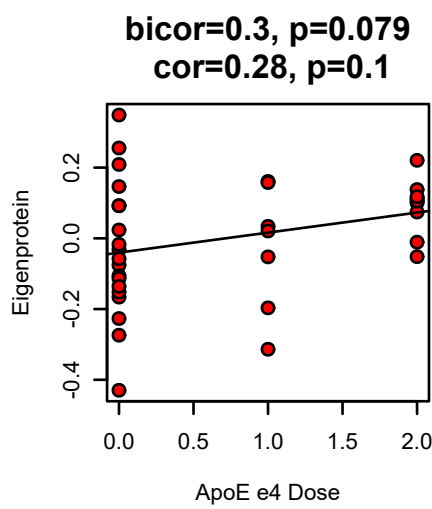
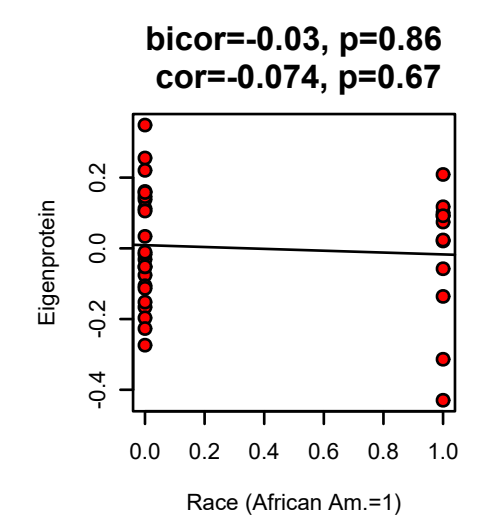
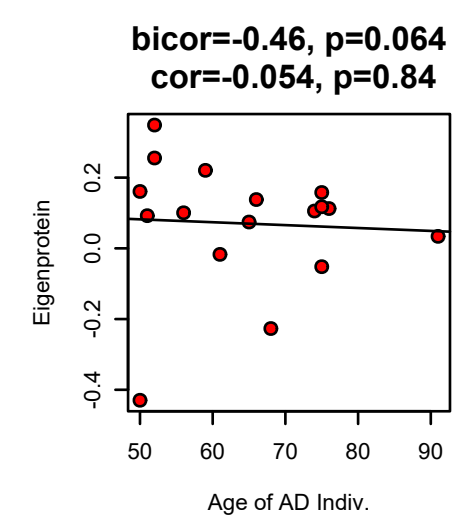
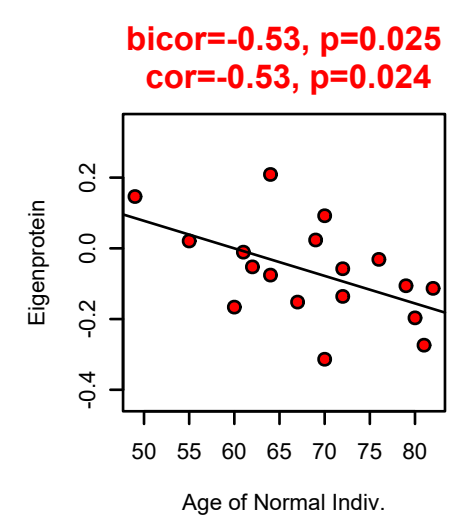
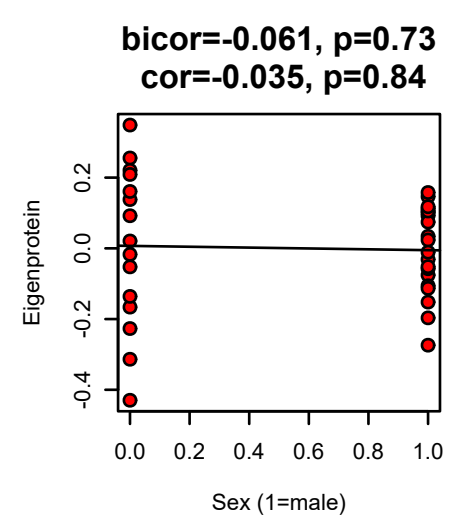
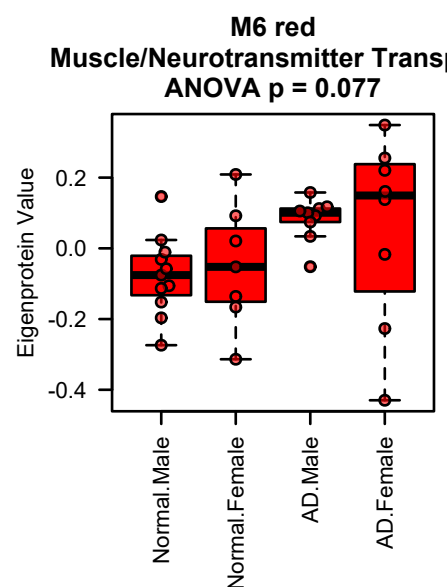
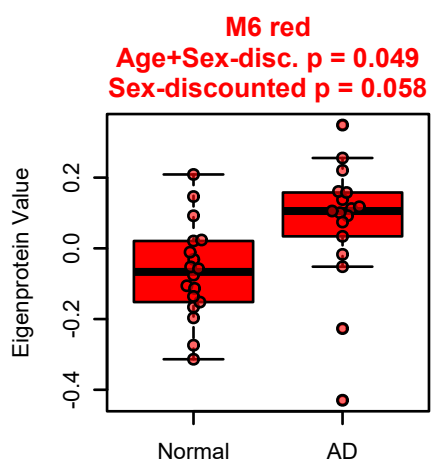
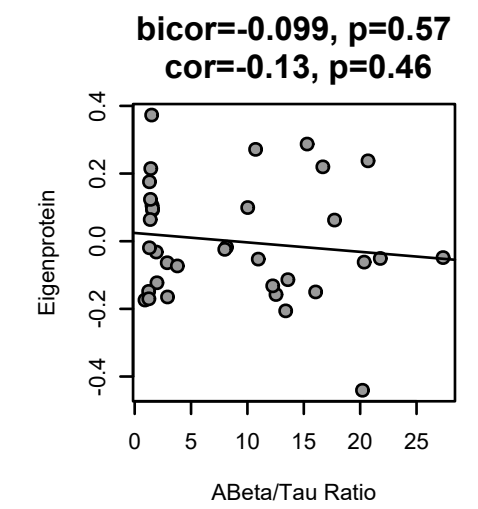
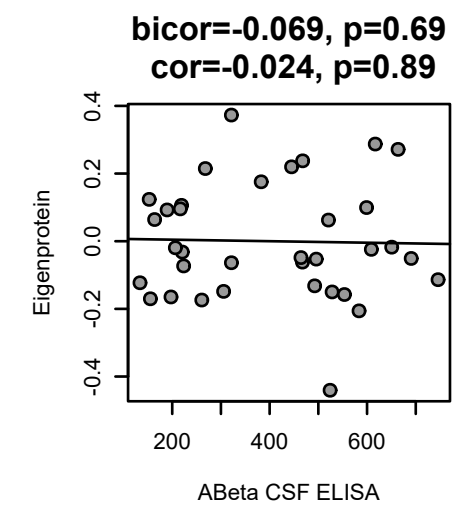
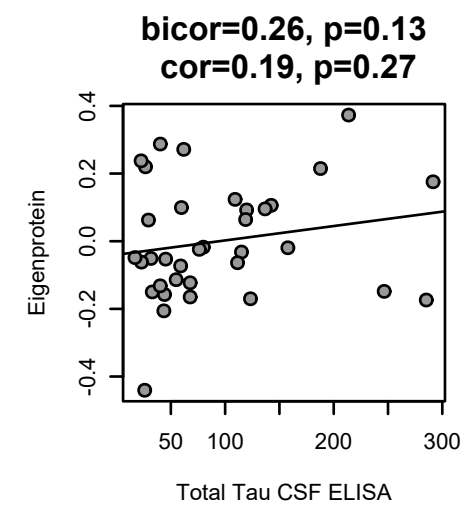
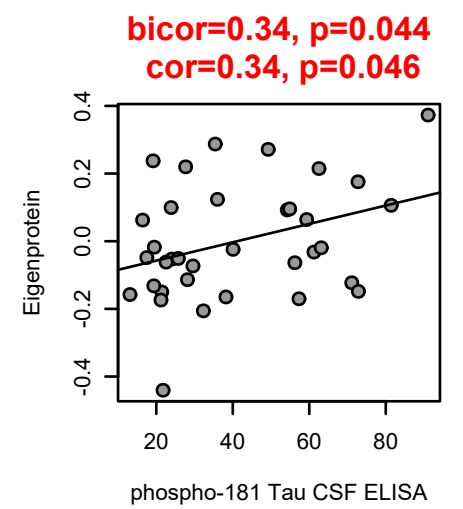
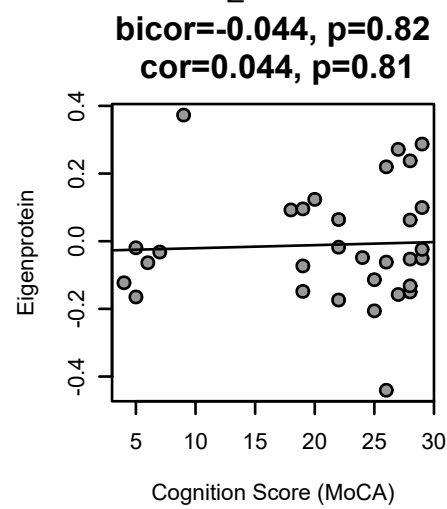
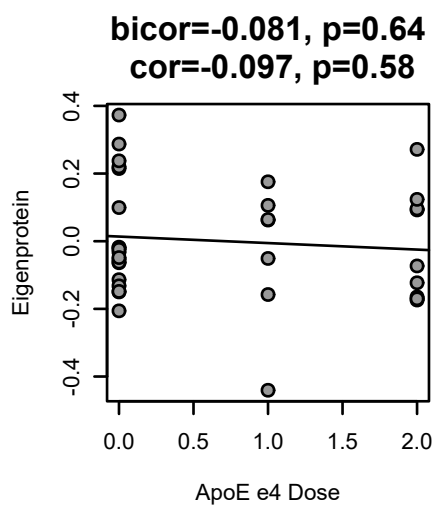
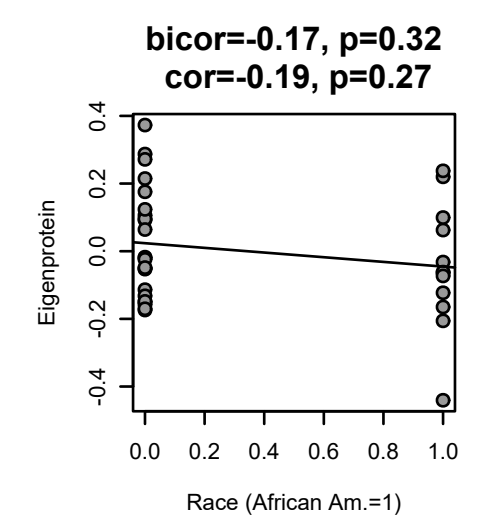
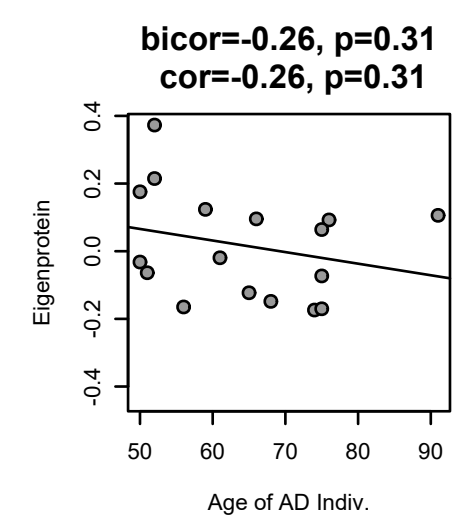
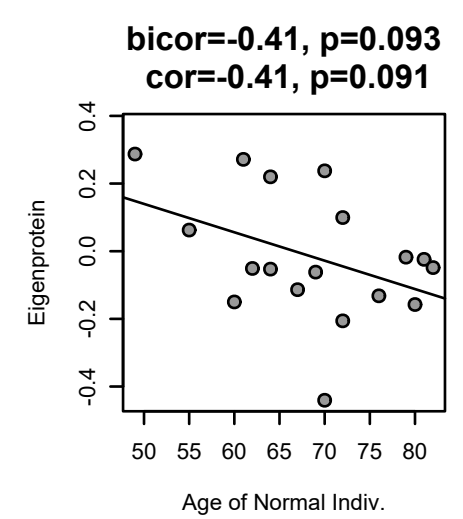
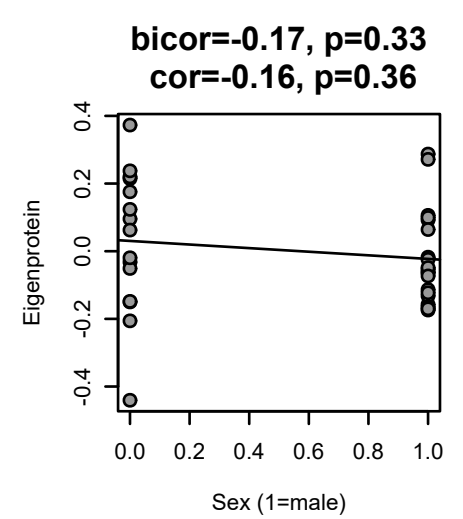
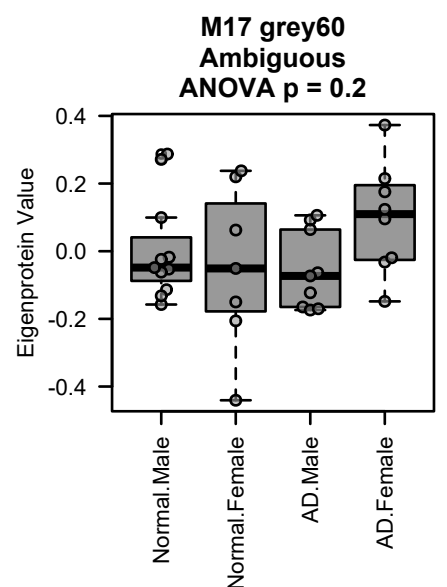
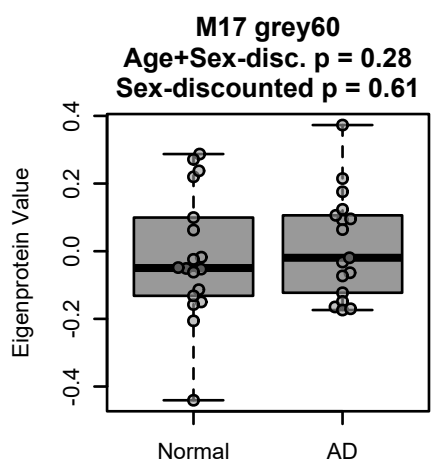
M18 lightgreen module: ECM Organization/Scavenger Receptor



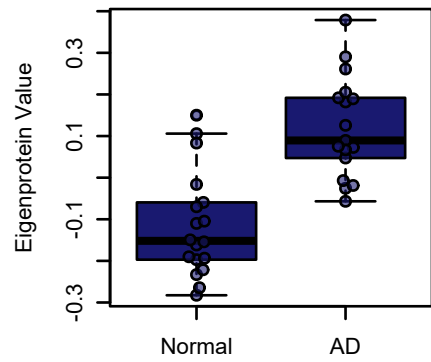
M3 brown module: Complement/Protein Activation Cascade



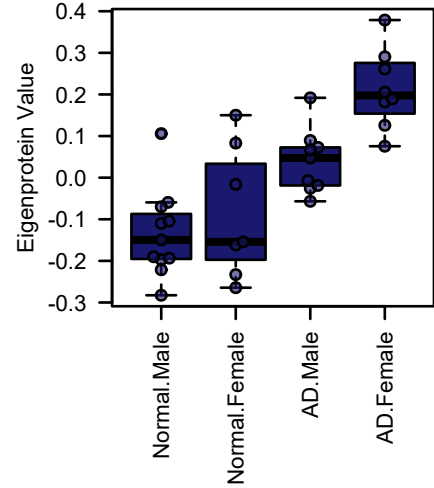




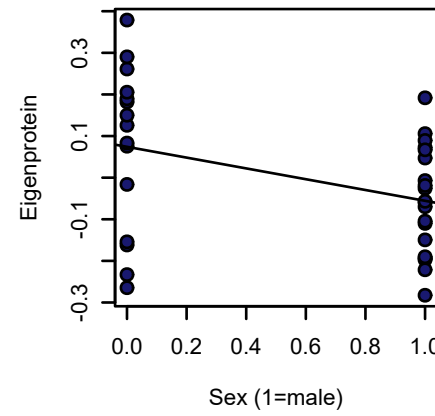
M15 midnightblue
Age+Sex-disc. $p = 5.6e-08$
Sex-discounted $p = 5.5e-07$



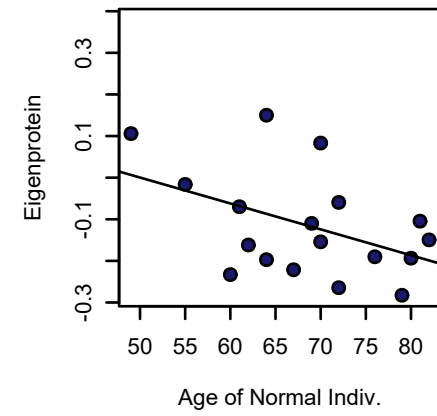
M15 midnightblue
Post-Synaptic Membrane
ANOVA $p = 1.4e-07$



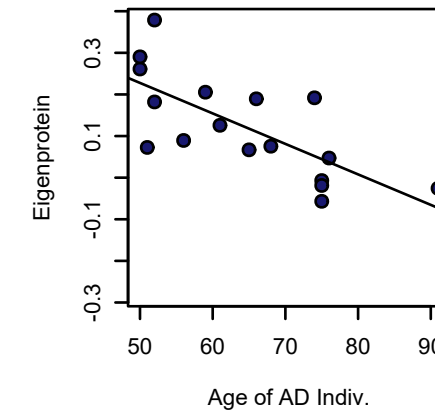
bicor=-0.37, p=0.027
cor=-0.38, p=0.024



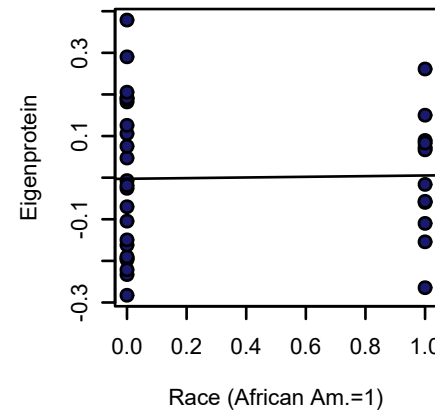
bicor=-0.44, p=0.071
cor=-0.45, p=0.061



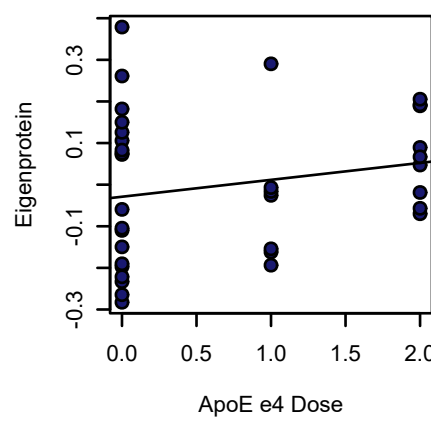
bicor=-0.72, p=0.001
cor=-0.72, p=0.0011



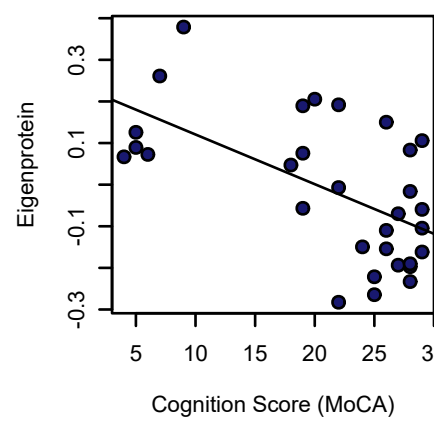
bicor=0.032, p=0.85
cor=0.022, p=0.9



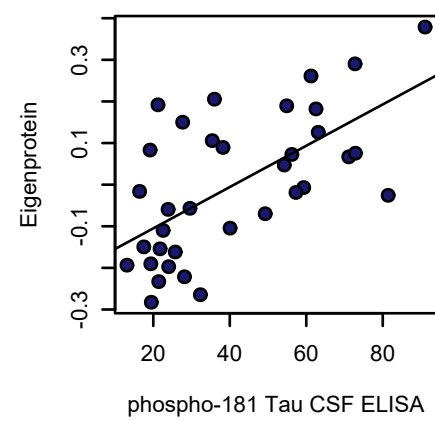
bicor=0.21, p=0.22
cor=0.2, p=0.25



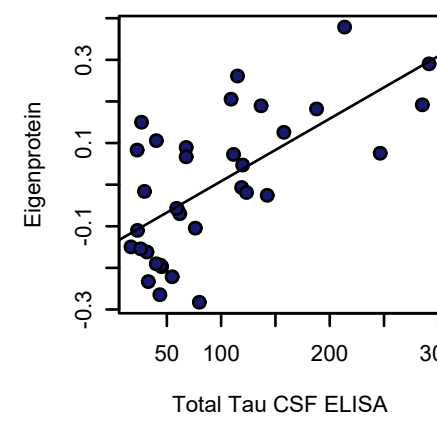
bicor=-0.56, p=0.00099
cor=-0.58, p=0.00063



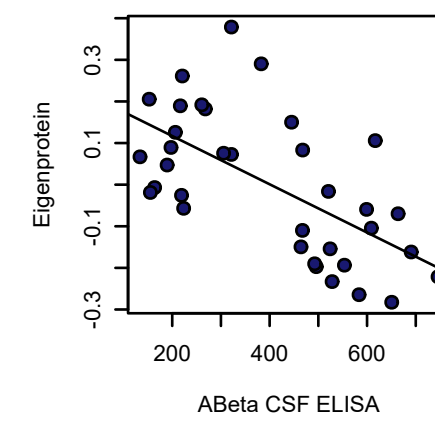
bicor=0.62, p=7.6e-05
cor=0.63, p=5e-05



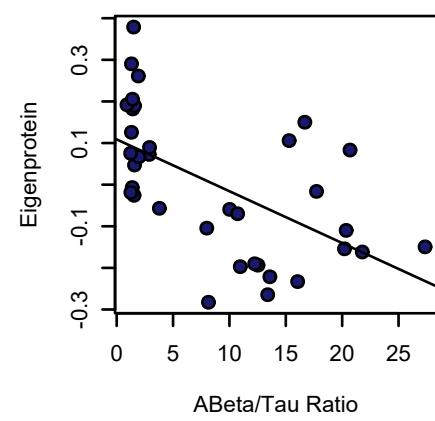
bicor=0.66, p=1.9e-05
cor=0.66, p=1.6e-05



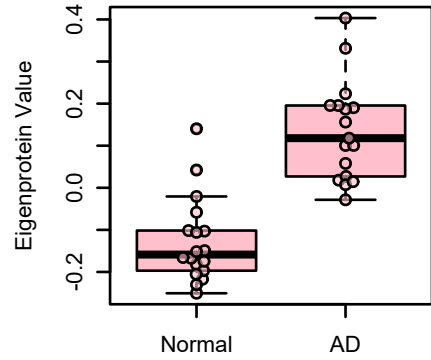
bicor=-0.64, p=2.9e-05
cor=-0.63, p=5e-05



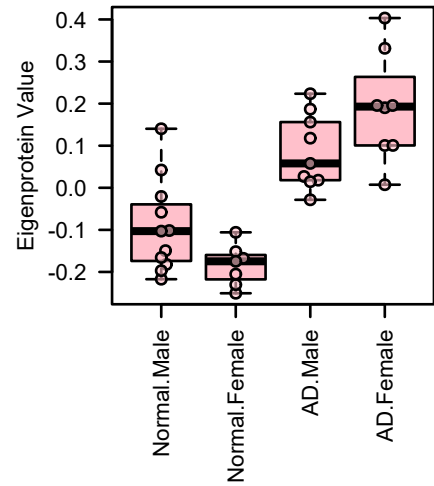
bicor=-0.58, p=0.00027
cor=-0.57, p=0.00035



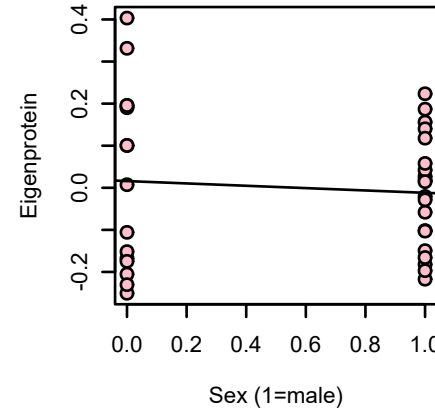
M8 pink
Age+Sex-disc. $p = 2e-06$
Sex-discounted $p = 3.6e-07$



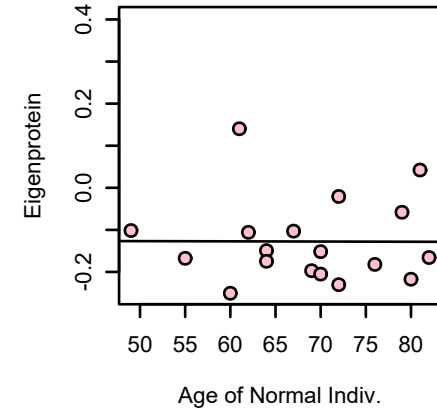
M8 pink
Autophagy
ANOVA $p = 3.1e-07$



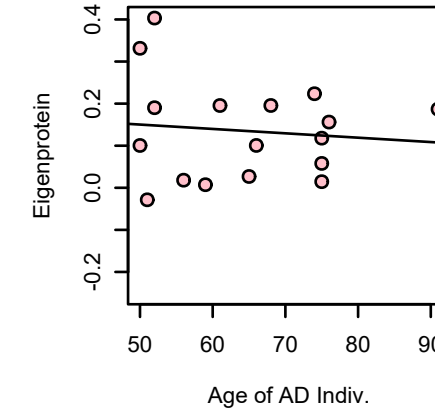
bicor=-0.072, p=0.68
cor=-0.082, p=0.64



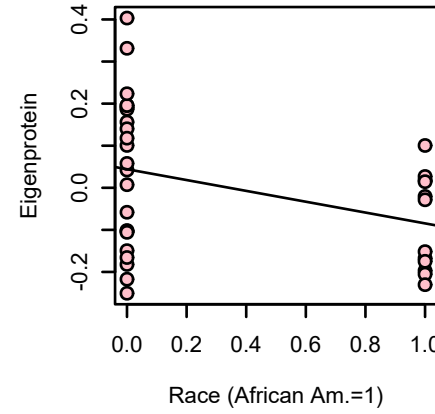
bicor=0.02, p=0.94
cor=-0.0046, p=0.99



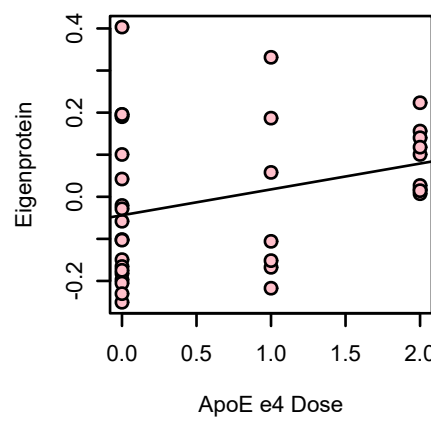
bicor=-0.067, p=0.8
cor=-0.11, p=0.67



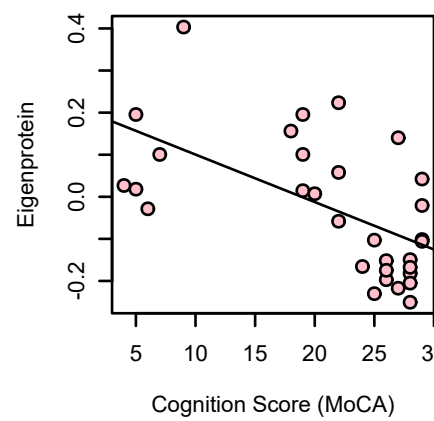
bicor=-0.36, p=0.033
cor=-0.36, p=0.034



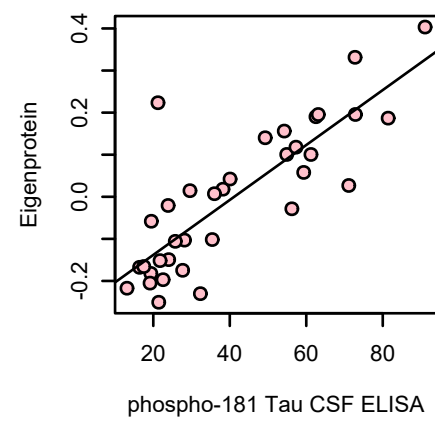
bicor=0.32, p=0.058
cor=0.31, p=0.07



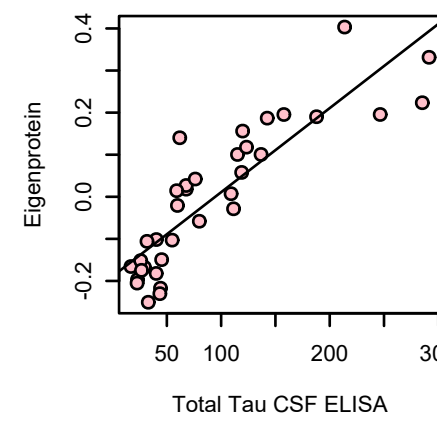
bicor=-0.67, p=4.2e-05
cor=-0.58, p=0.00063



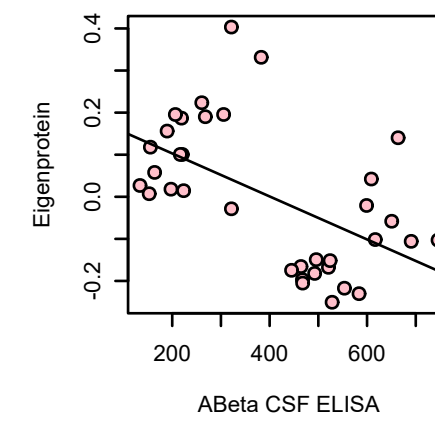
bicor=0.78, p=2.5e-08
cor=0.82, p=1.7e-09



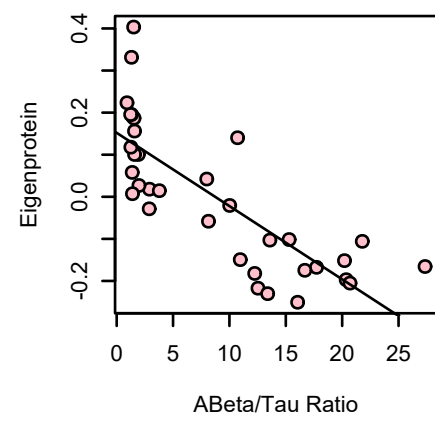
bicor=0.86, p=4.1e-11
cor=0.87, p=1.2e-11



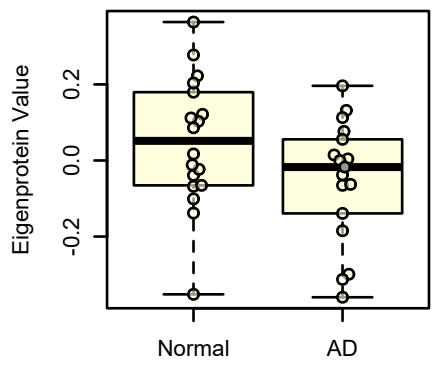
bicor=-0.54, p=0.00072
cor=-0.55, p=0.00062



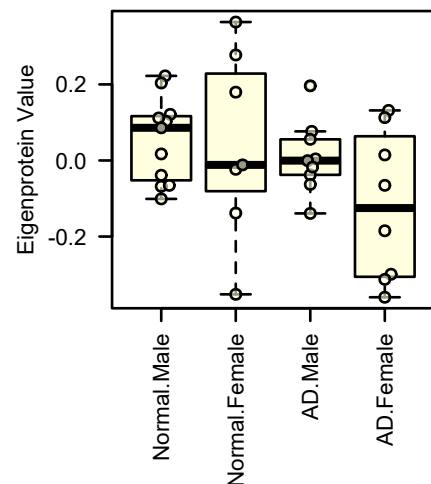
bicor=-0.82, p=1.4e-09
cor=-0.79, p=1.7e-08



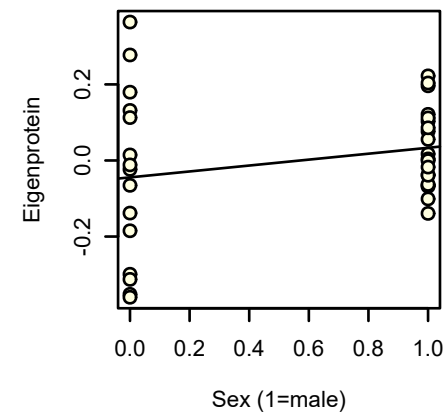
M19 lightyellow
Age+Sex-disc. $p = 0.18$
Sex-discounted $p = 0.1$



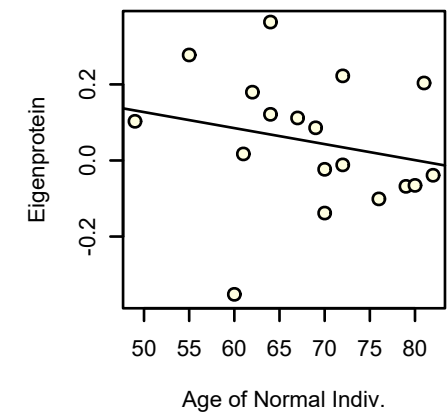
M19 lightyellow
Synapse Organization
ANOVA $p = 0.18$



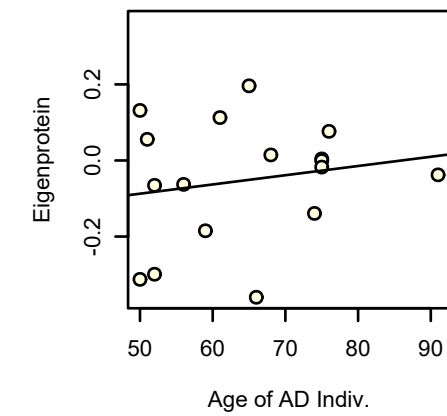
bicor=0.23, p=0.19
cor=0.23, p=0.18



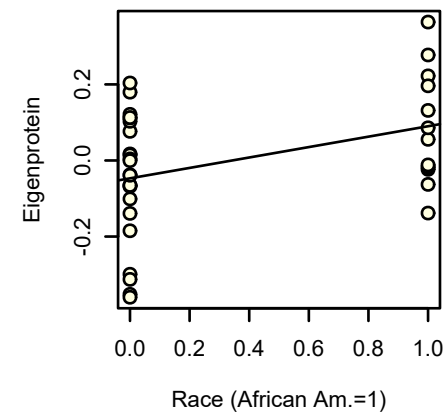
bicor=-0.28, p=0.26
cor=-0.23, p=0.36



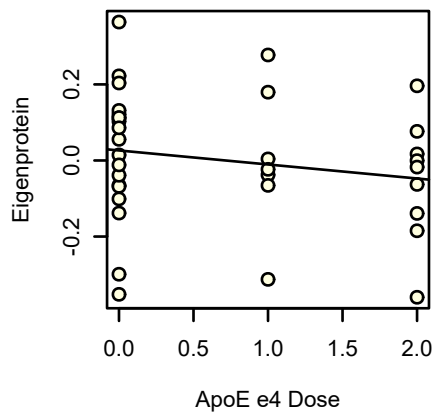
bicor=0.18, p=0.5
cor=0.18, p=0.49



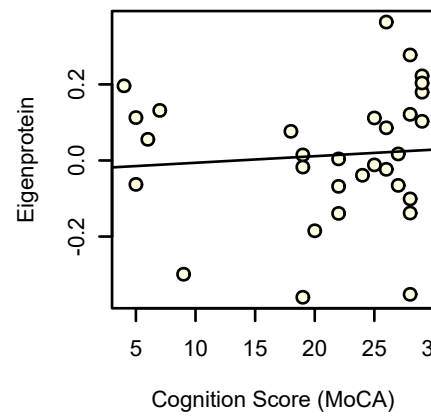
bicor=0.37, p=0.03
cor=0.38, p=0.024



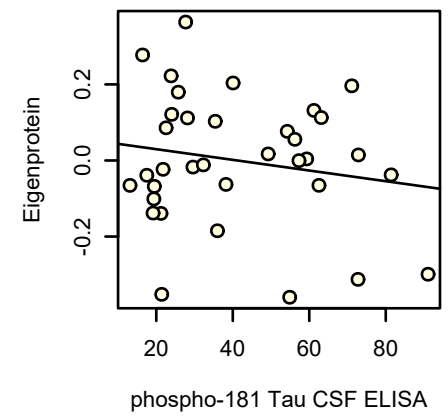
bicor=-0.19, p=0.27
cor=-0.18, p=0.3



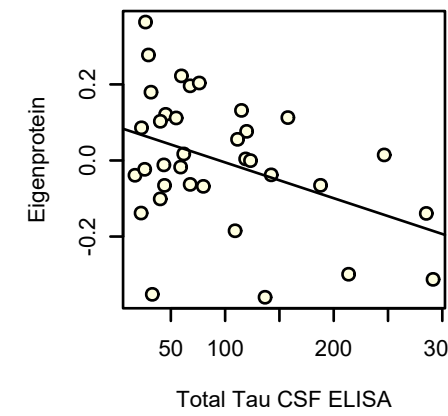
bicor=0.3, p=0.097
cor=0.084, p=0.65



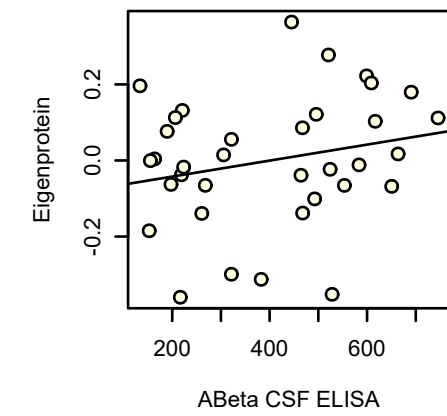
bicor=-0.11, p=0.51
cor=-0.18, p=0.3



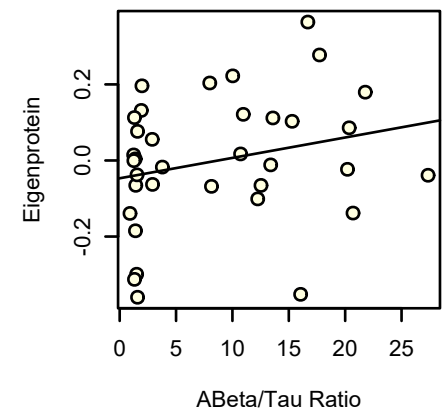
bicor=-0.33, p=0.051
cor=-0.41, p=0.014



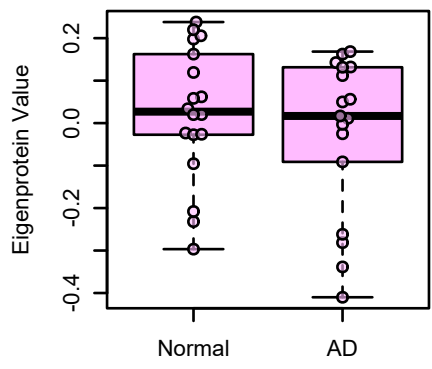
bicor=0.23, p=0.19
cor=0.23, p=0.18



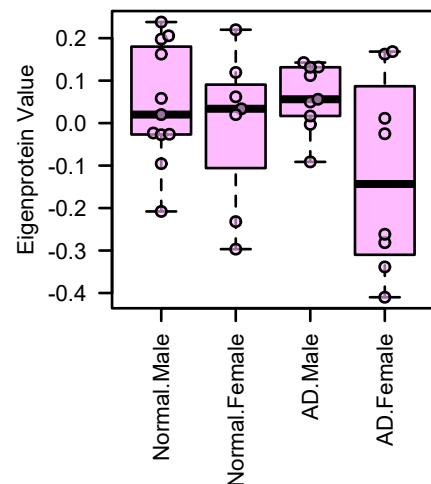
bicor=0.25, p=0.15
cor=0.24, p=0.16



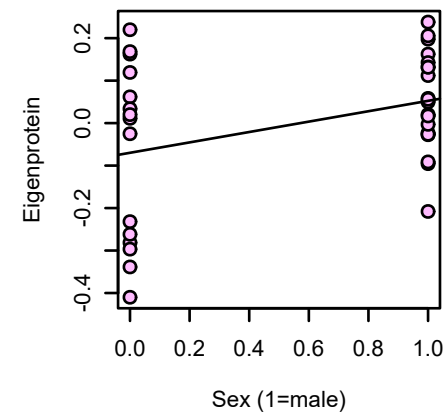
M38 plum1
Age+Sex-disc. $p = 0.18$
Sex-discounted $p = 0.087$



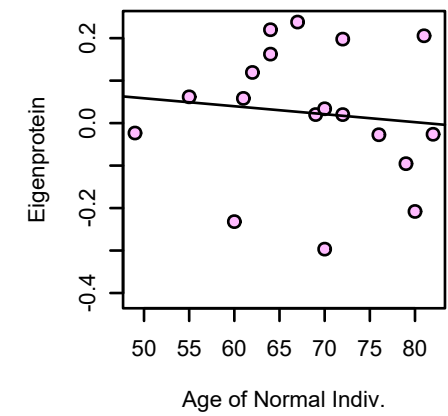
M38 plum1
Ambiguous
ANOVA $p = 0.2$



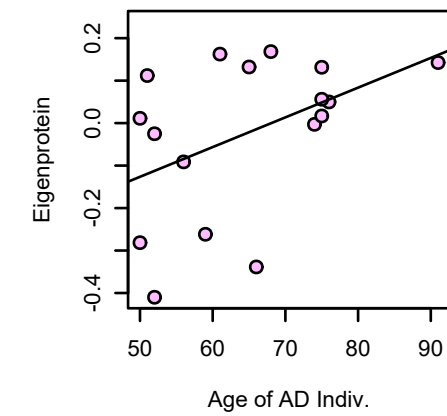
bicor=0.33, p=0.054
cor=0.36, p=0.034



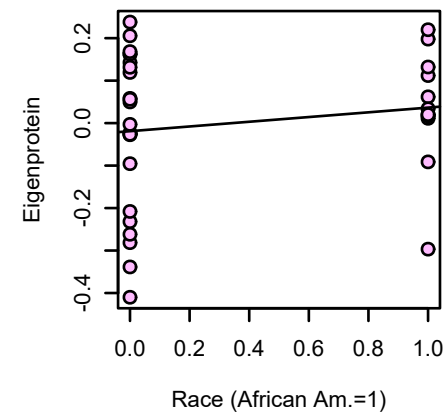
bicor=-0.14, p=0.59
cor=-0.11, p=0.66



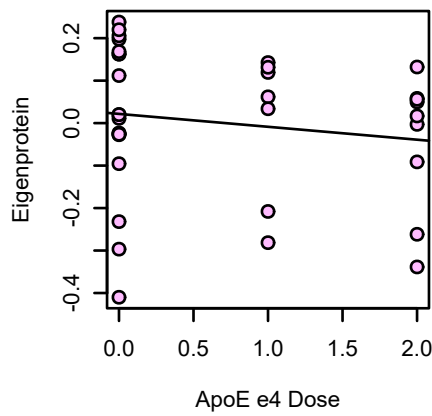
bicor=0.46, p=0.061
cor=0.45, p=0.07



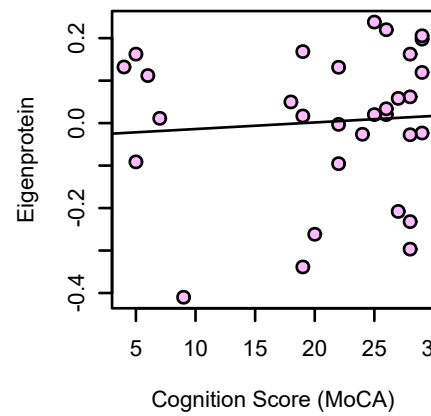
bicor=0.15, p=0.4
cor=0.16, p=0.36



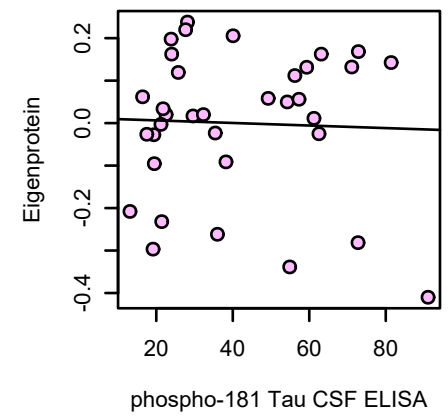
bicor=-0.16, p=0.35
cor=-0.15, p=0.39



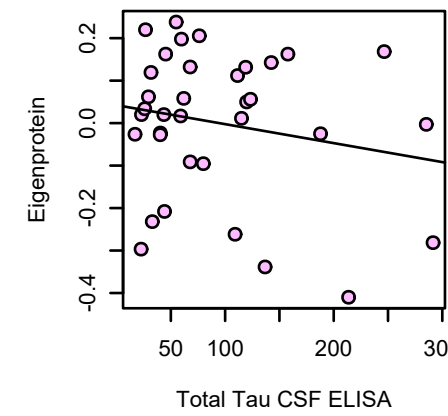
bicor=0.19, p=0.29
cor=0.075, p=0.69



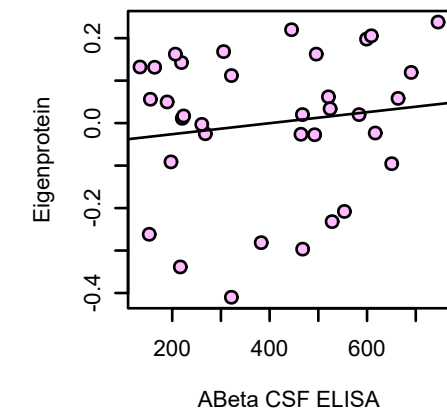
bicor=0.033, p=0.85
cor=-0.038, p=0.83



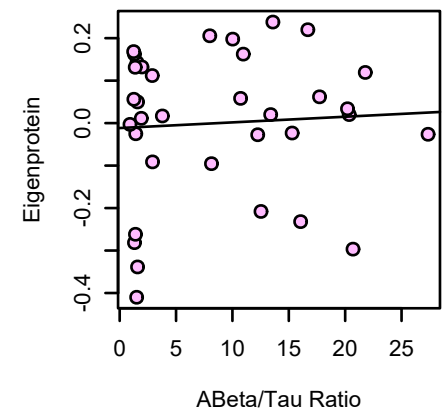
bicor=-0.12, p=0.48
cor=-0.19, p=0.27

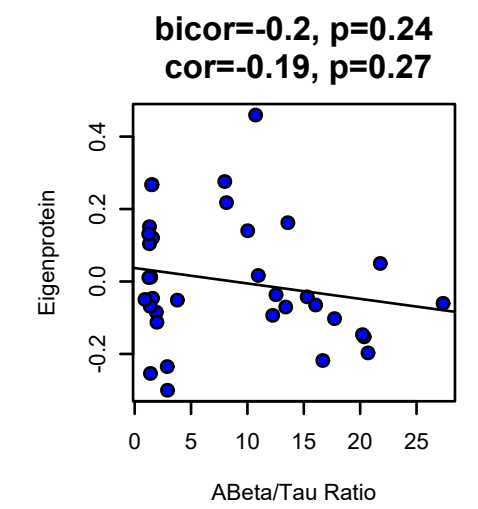
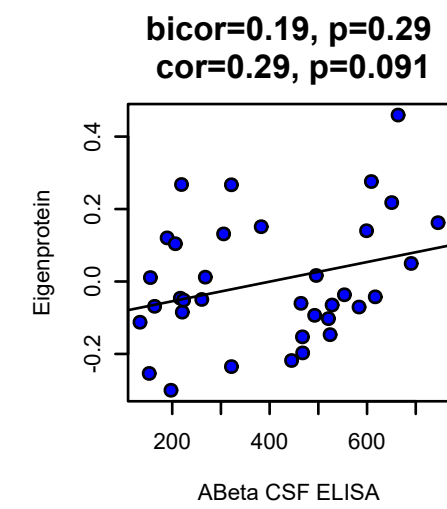
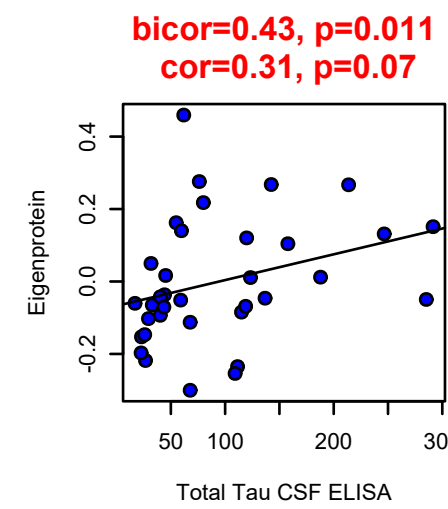
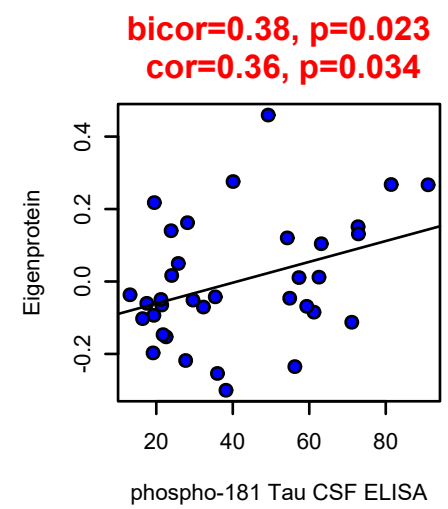
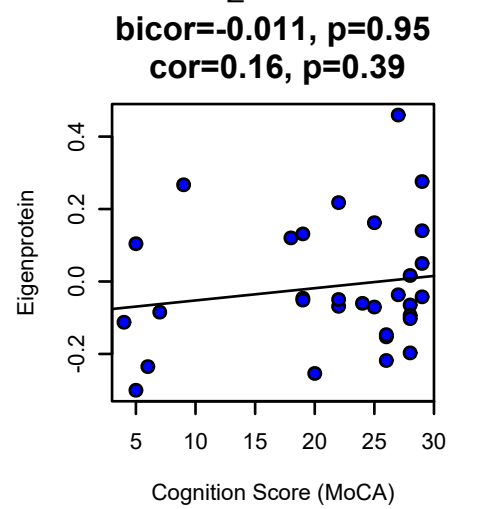
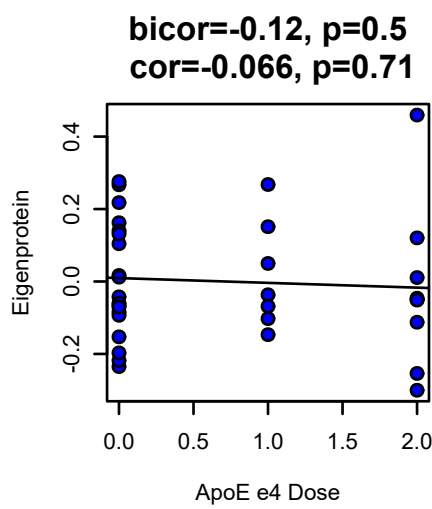
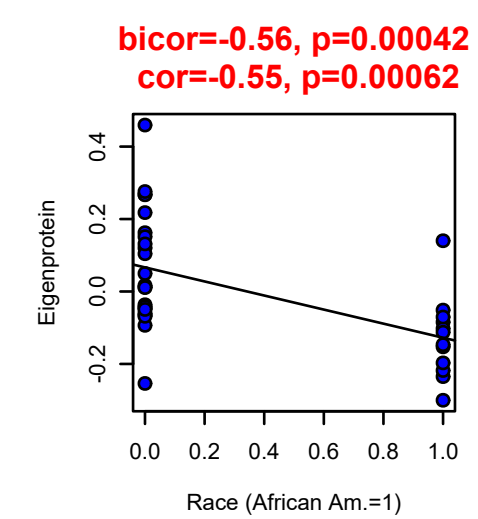
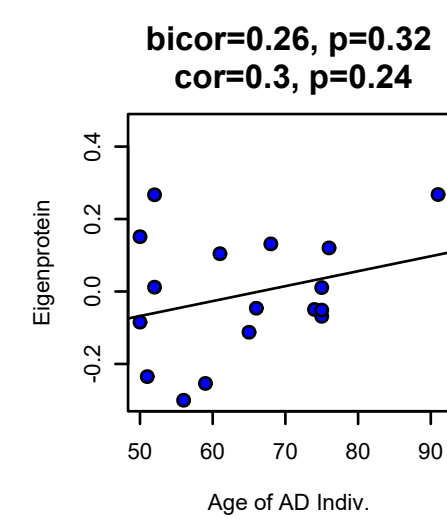
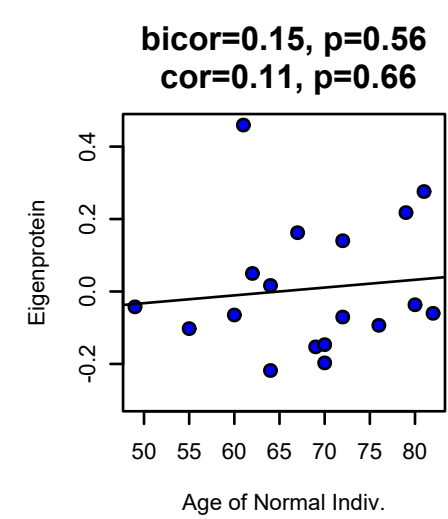
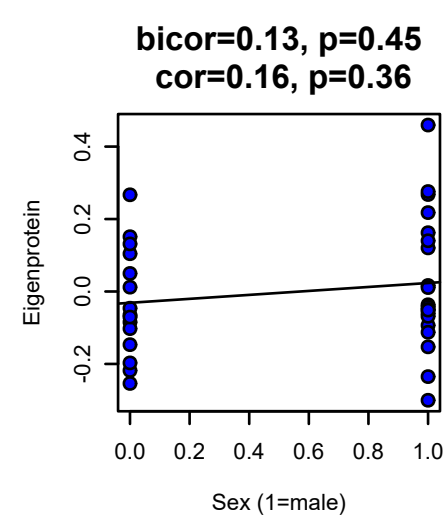
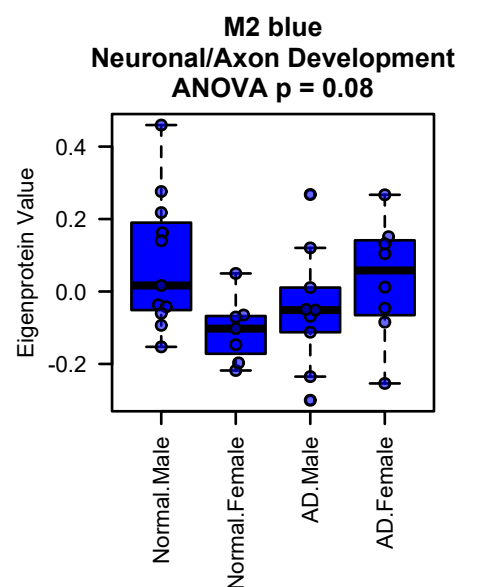
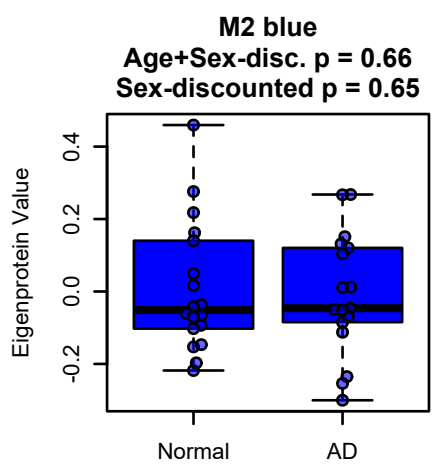
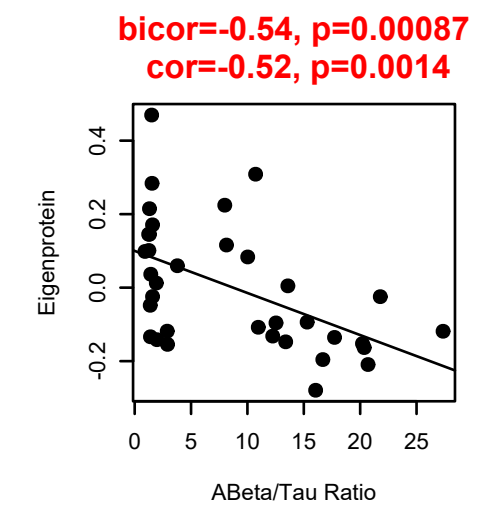
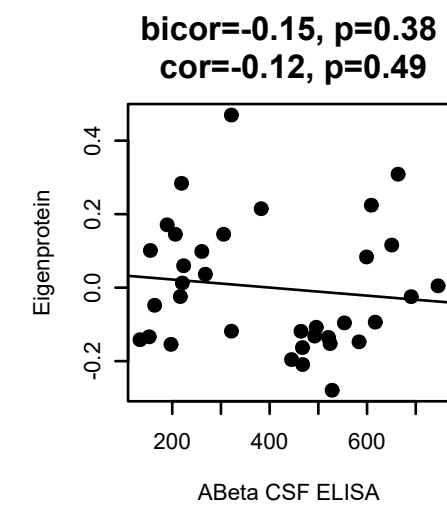
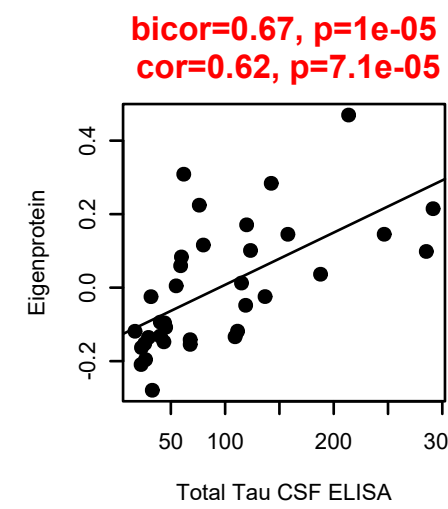
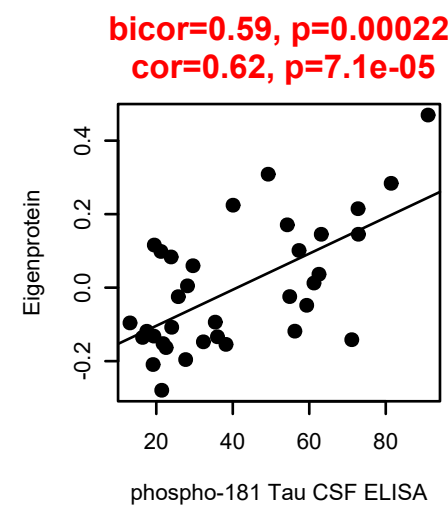
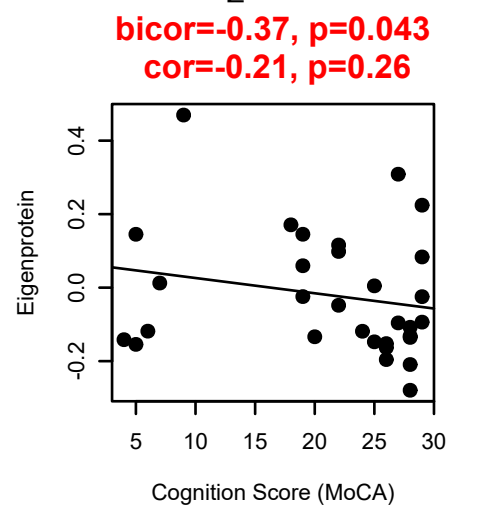
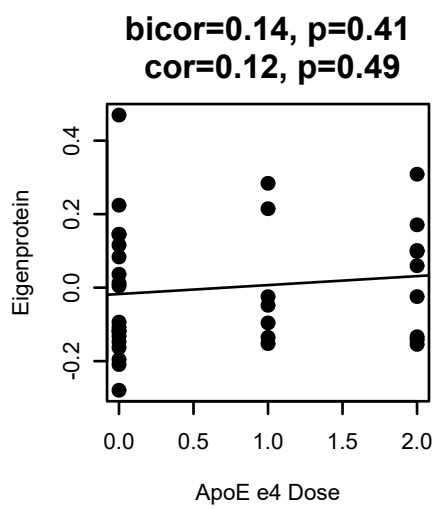
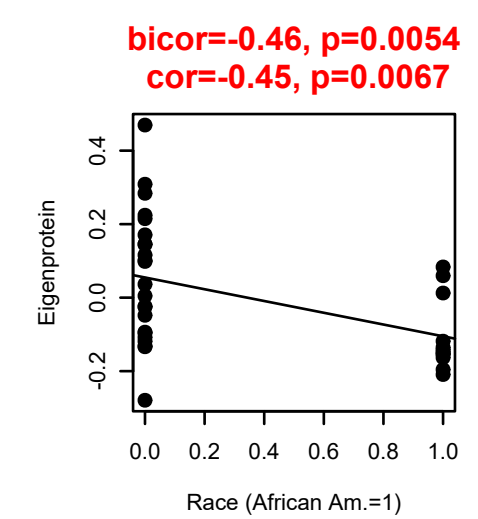
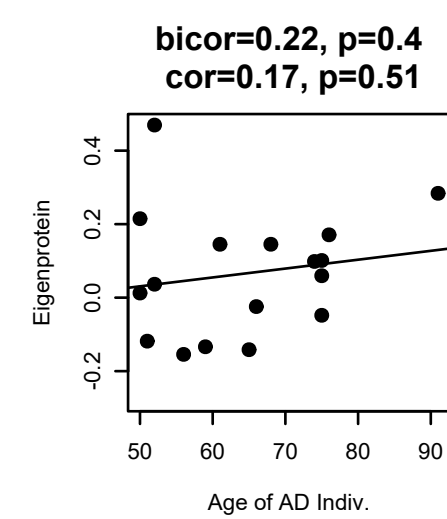
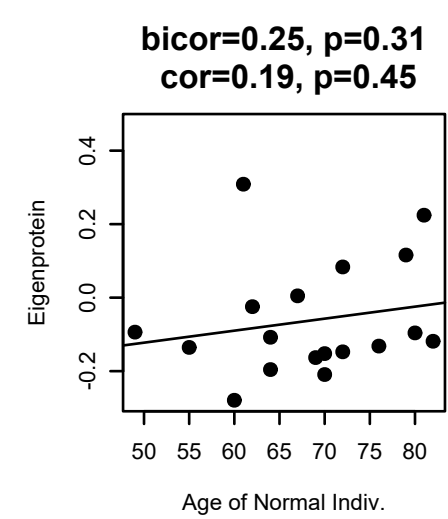
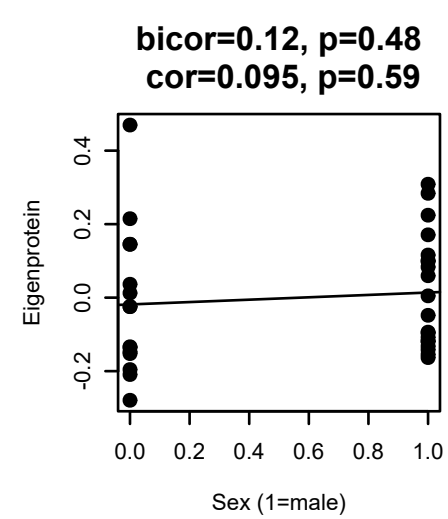
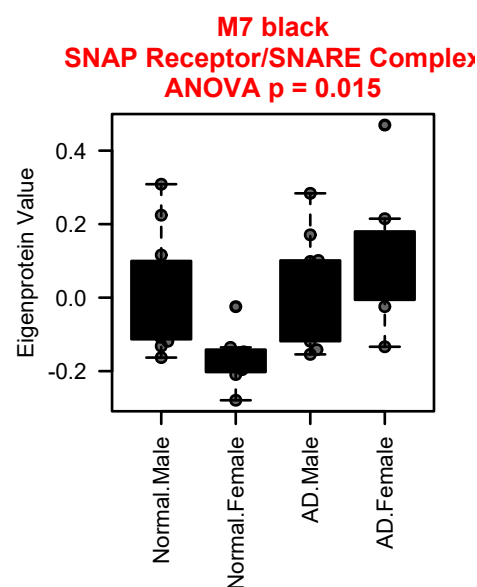
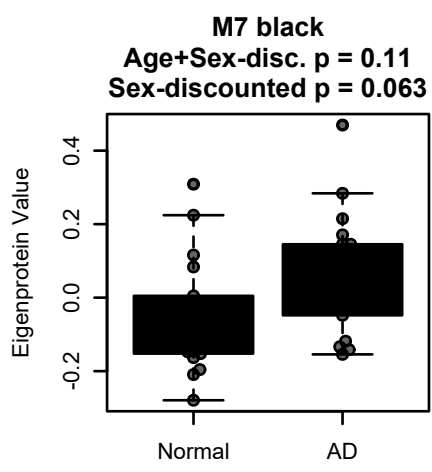


bicor=0.14, p=0.43
cor=0.14, p=0.42

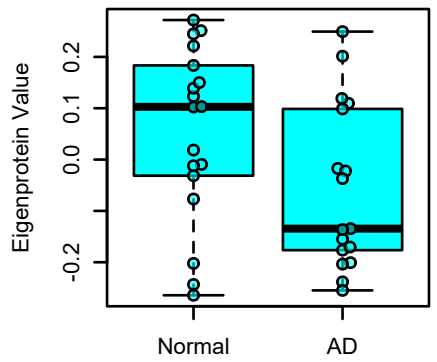


bicor=0.037, p=0.83
cor=0.061, p=0.73

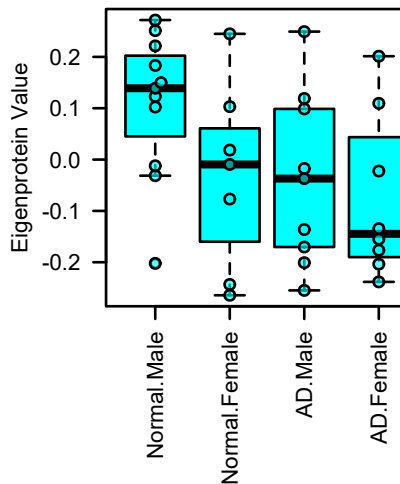




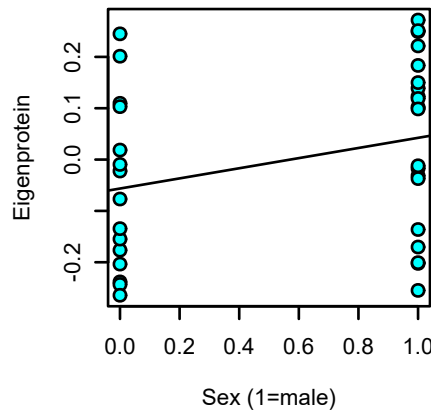
M14 cyan
Age+Sex-disc. $p = 0.0024$
Sex-discounted $p = 0.045$



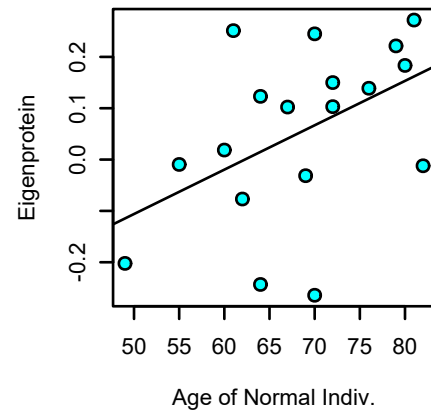
M14 cyan
Golgi/Glycosylation
ANOVA $p = 0.0018$



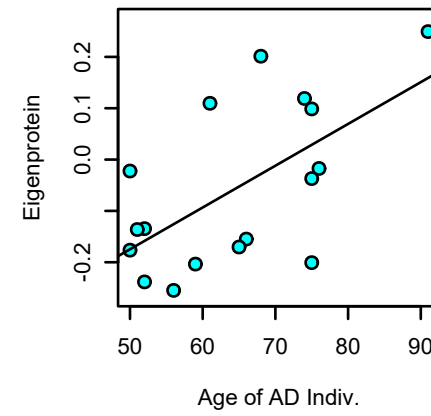
$\text{bicor}=0.29, p=0.093$
 $\text{cor}=0.29, p=0.091$



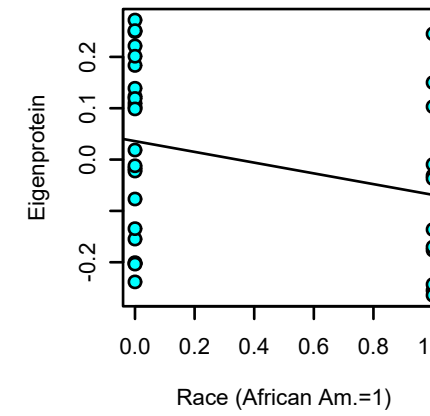
M14 cyan
 $\text{bicor}=0.49, p=0.041$
 $\text{cor}=0.47, p=0.049$



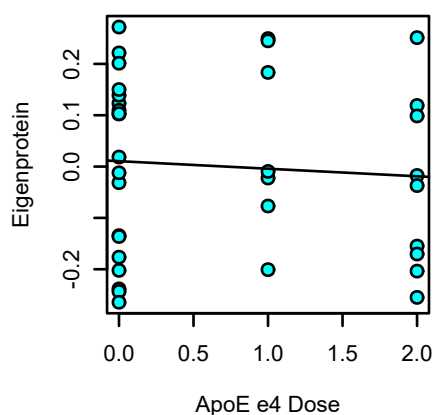
M14 cyan
 $\text{bicor}=0.5, p=0.043$
 $\text{cor}=0.61, p=0.0093$



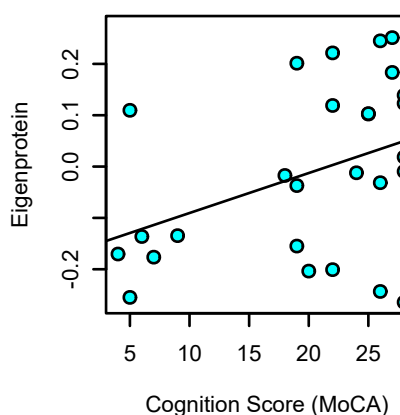
M14 cyan
 $\text{bicor}=-0.29, p=0.088$
 $\text{cor}=-0.29, p=0.091$



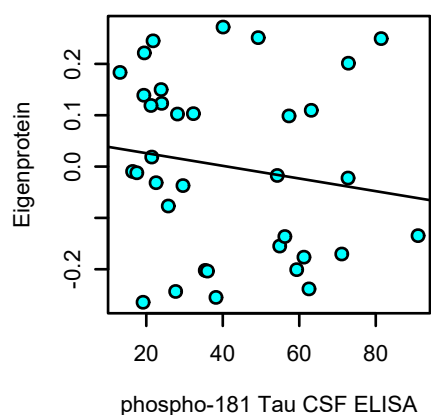
$\text{bicor}=-0.077, p=0.66$
 $\text{cor}=-0.074, p=0.67$



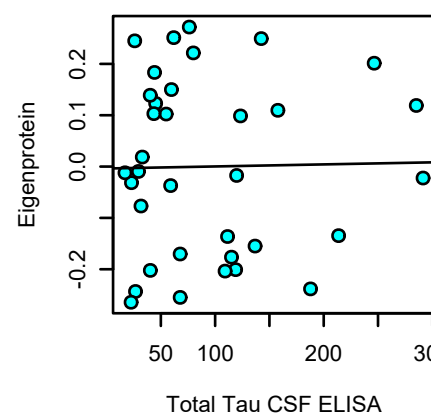
$\text{bicor}=0.28, p=0.13$
 $\text{cor}=0.38, p=0.035$



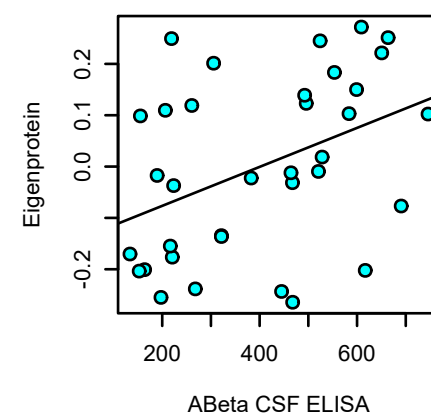
$\text{bicor}=-0.16, p=0.37$
 $\text{cor}=-0.16, p=0.36$



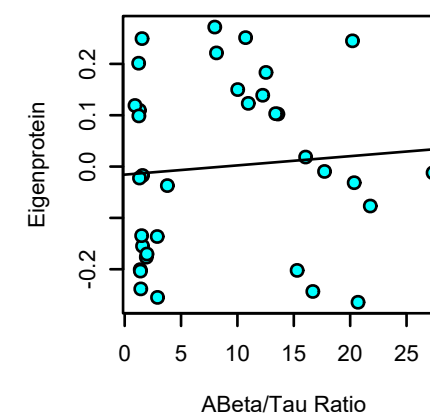
$\text{bicor}=-0.012, p=0.95$
 $\text{cor}=0.017, p=0.92$



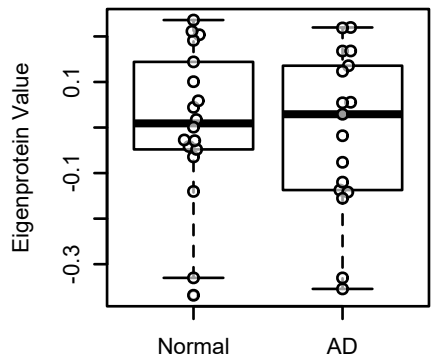
M14 cyan
 $\text{bicor}=0.38, p=0.023$
 $\text{cor}=0.41, p=0.014$



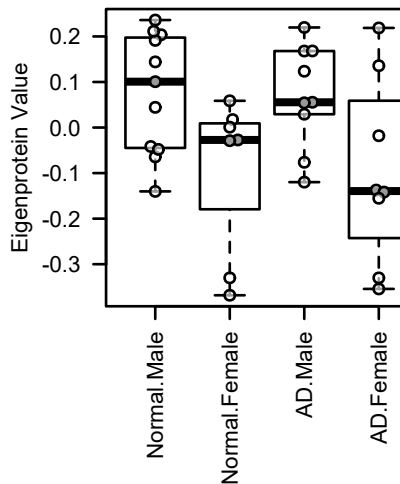
$\text{bicor}=0.1, p=0.56$
 $\text{cor}=0.082, p=0.64$



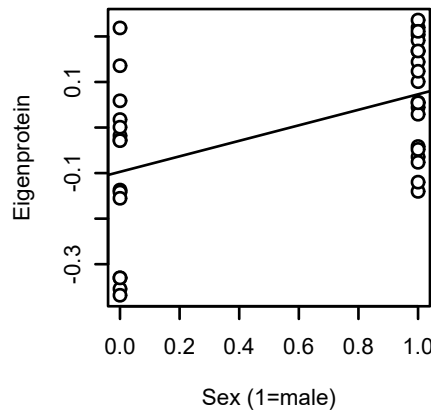
M27 white
Age+Sex-disc. $p = 0.012$
Sex-discounted $p = 0.01$



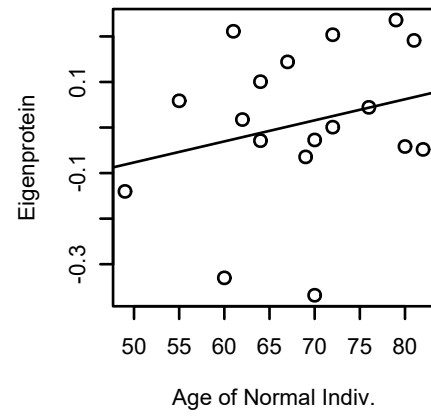
M27 white
Ambiguous
ANOVA $p = 0.029$



M27 white
 $\text{bicor}=0.49, p=0.0028$
 $\text{cor}=0.5, p=0.0022$



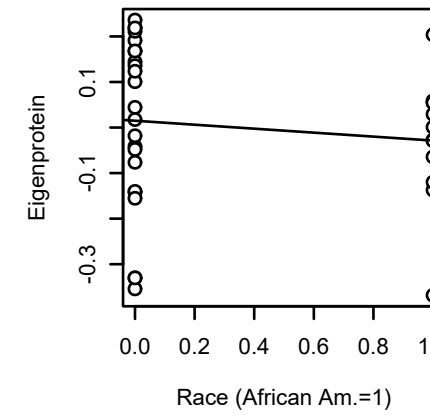
M27 white
 $\text{bicor}=0.24, p=0.34$
 $\text{cor}=0.25, p=0.32$



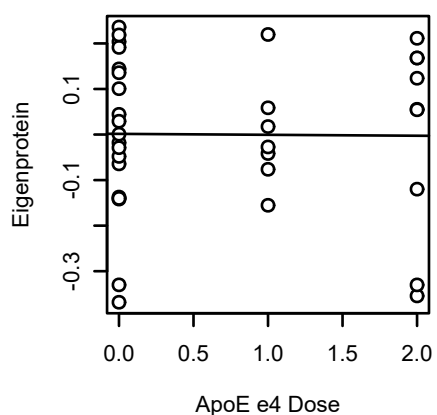
M27 white
 $\text{bicor}=0.58, p=0.014$
 $\text{cor}=0.55, p=0.022$



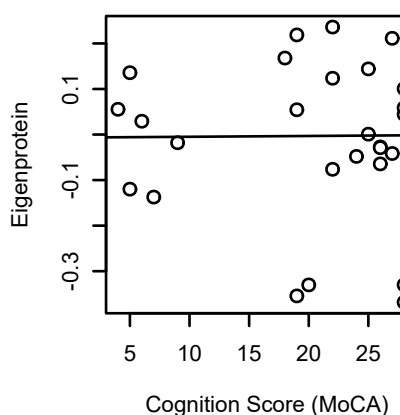
M27 white
 $\text{bicor}=-0.14, p=0.44$
 $\text{cor}=-0.12, p=0.49$



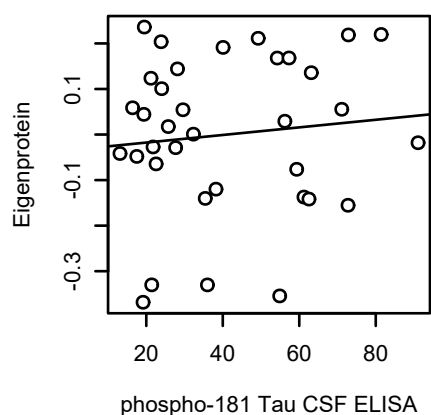
$\text{bicor}=0.0041, p=0.98$
 $\text{cor}=-0.01, p=0.95$



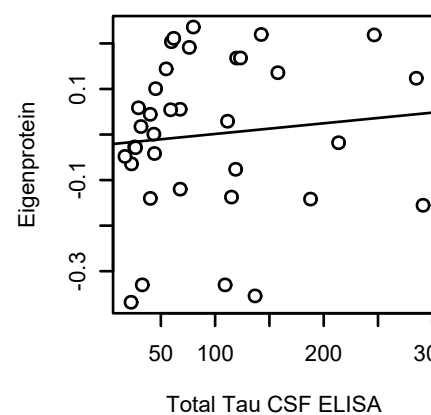
$\text{bicor}=0.041, p=0.83$
 $\text{cor}=0.0086, p=0.96$



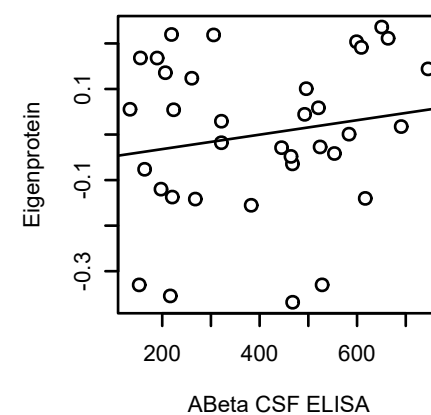
$\text{bicor}=0.072, p=0.68$
 $\text{cor}=0.11, p=0.53$



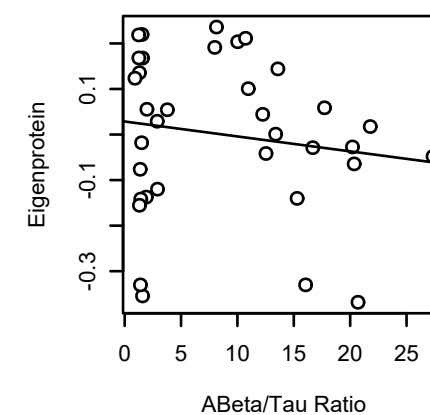
$\text{bicor}=0.098, p=0.57$
 $\text{cor}=0.1, p=0.57$



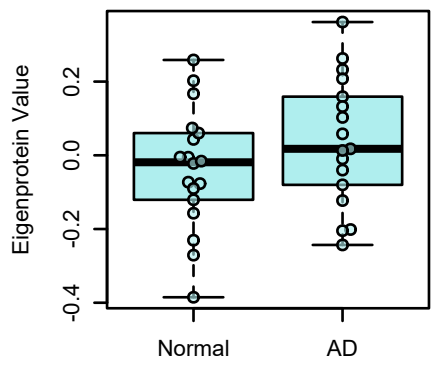
$\text{bicor}=0.18, p=0.3$
 $\text{cor}=0.17, p=0.33$



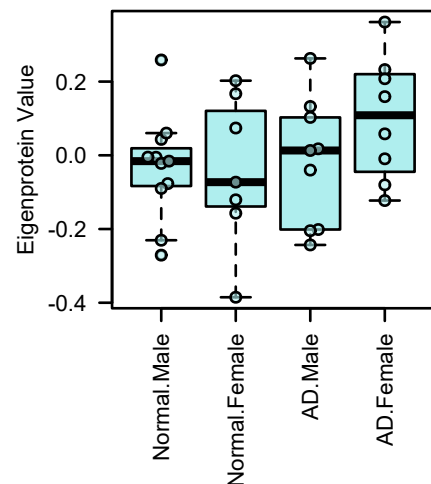
$\text{bicor}=-0.15, p=0.38$
 $\text{cor}=-0.15, p=0.39$



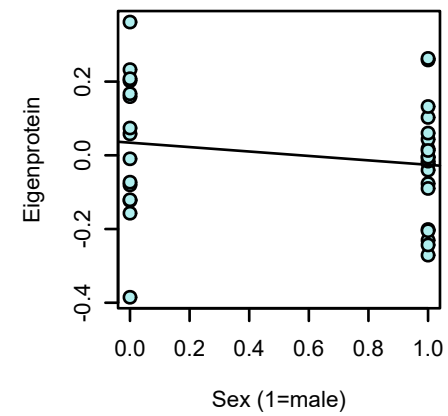
M31 paleturquoise
Age+Sex-disc. $p = 0.42$
Sex-discounted $p = 0.3$



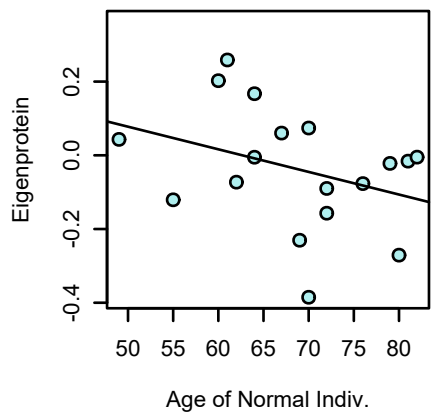
M31 paleturquoise
ANOVA $p = 0.44$



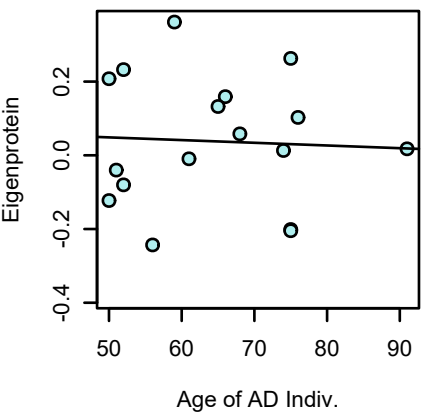
bicor=-0.18, p=0.29
cor=-0.18, p=0.3



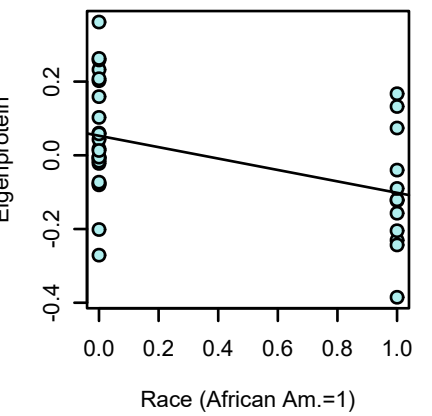
bicor=-0.36, p=0.14
cor=-0.34, p=0.17



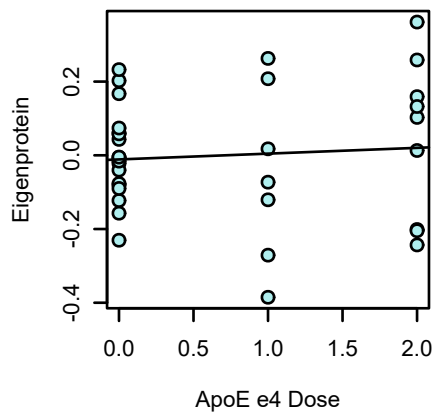
bicor=-0.049, p=0.85
cor=-0.05, p=0.85



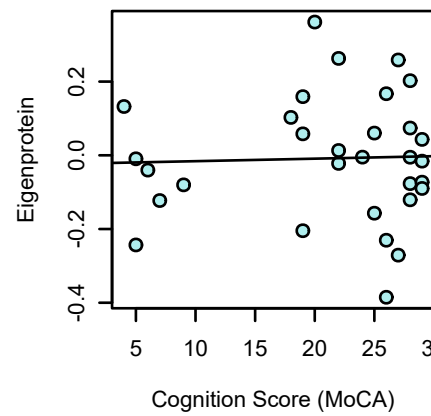
bicor=-0.43, p=0.0096
cor=-0.43, p=0.0099



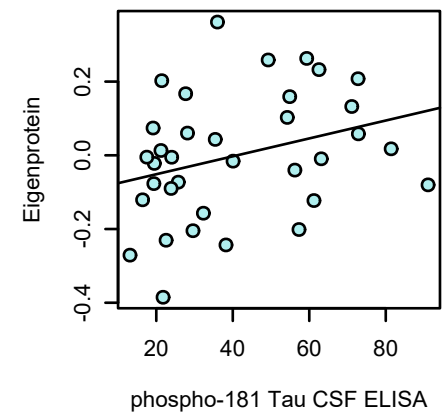
bicor=0.075, p=0.67
cor=0.079, p=0.65



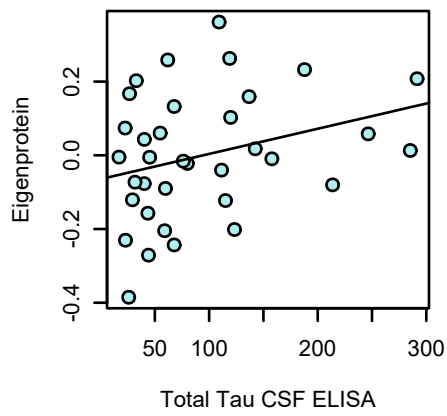
bicor=-0.1, p=0.59
cor=0.033, p=0.86



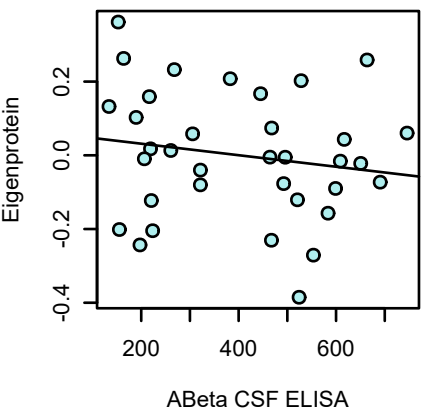
bicor=0.33, p=0.053
cor=0.31, p=0.07



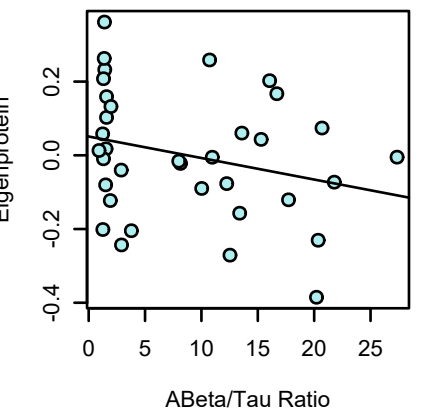
bicor=0.31, p=0.074
cor=0.3, p=0.08



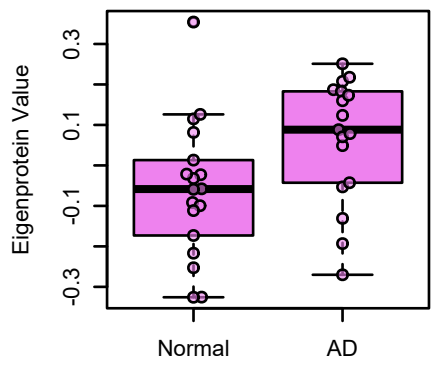
bicor=-0.16, p=0.36
cor=-0.17, p=0.33



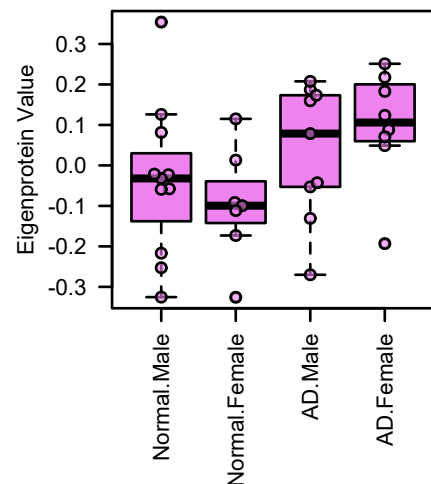
bicor=-0.25, p=0.15
cor=-0.27, p=0.12



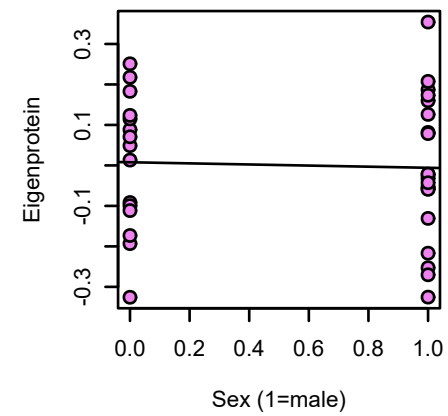
M32 violet
Age+Sex-disc. $p = 0.2$
Sex-discounted $p = 0.092$



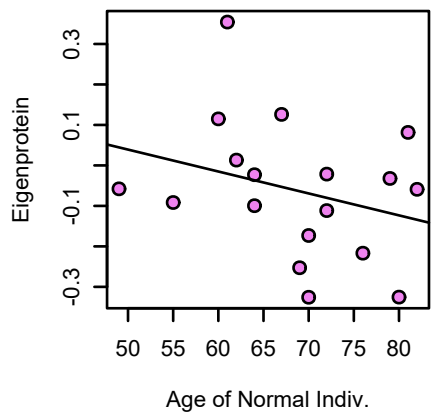
M32 violet
ANOVA $p = 0.21$



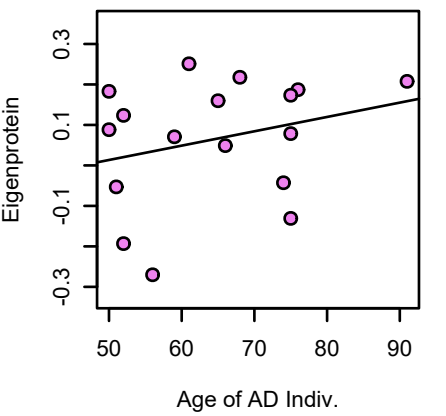
bicor=-0.045, p=0.8
cor=-0.04, p=0.82



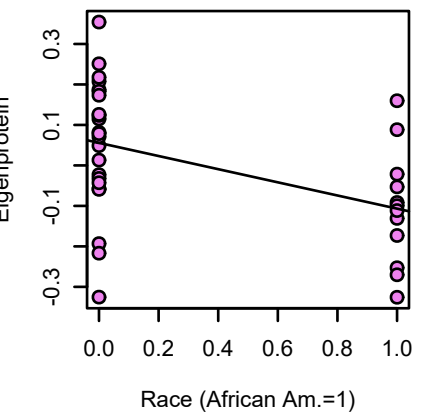
bicor=-0.29, p=0.25
cor=-0.3, p=0.23



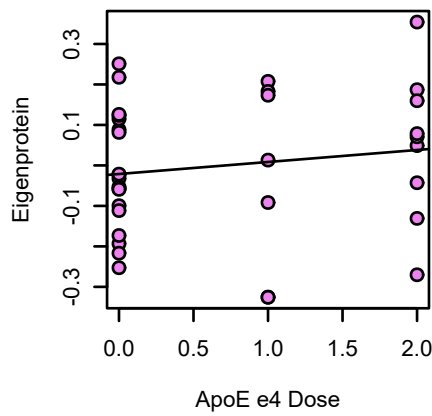
bicor=0.27, p=0.3
cor=0.28, p=0.28



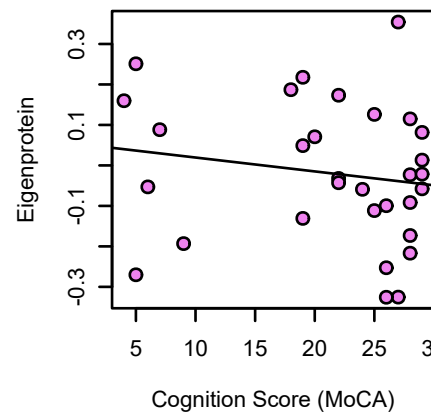
bicor=-0.46, p=0.0055
cor=-0.46, p=0.0054



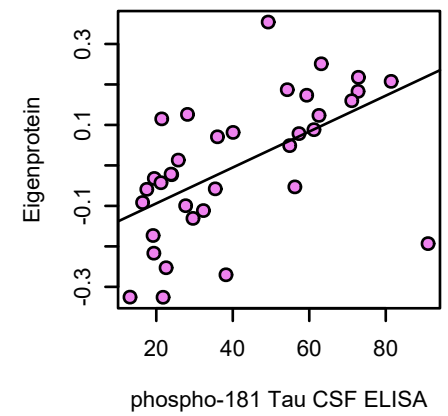
bicor=0.15, p=0.4
cor=0.15, p=0.39



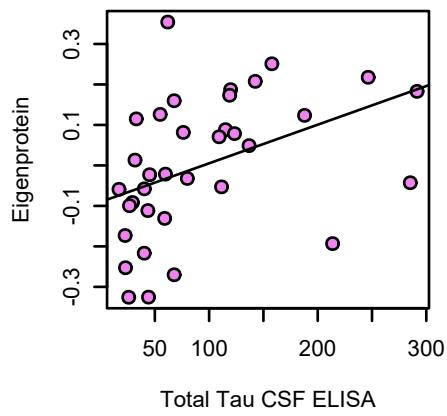
bicor=-0.23, p=0.2
cor=-0.17, p=0.36



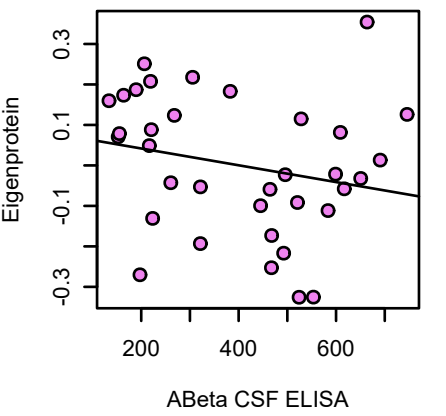
bicor=0.61, p=9.3e-05
cor=0.56, p=0.00047



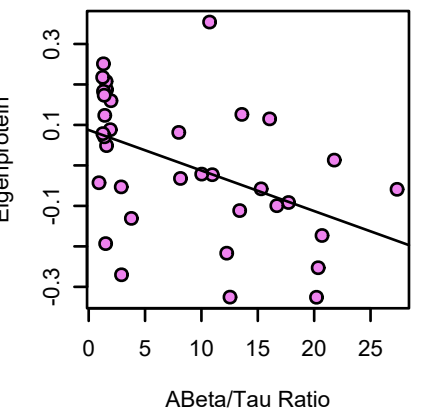
bicor=0.52, p=0.0015
cor=0.42, p=0.012

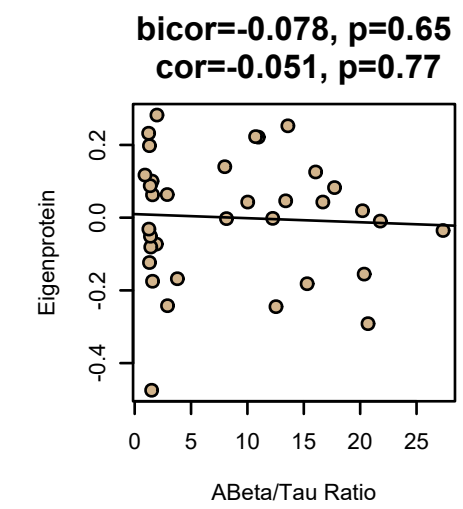
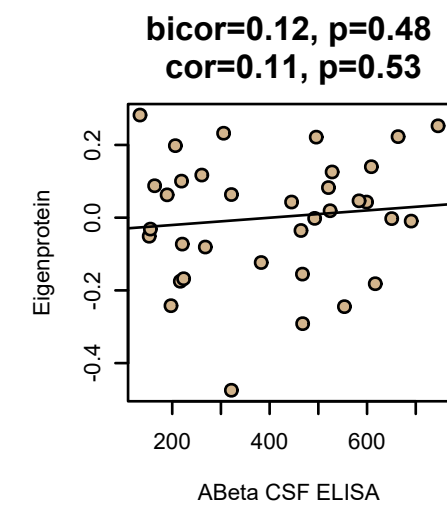
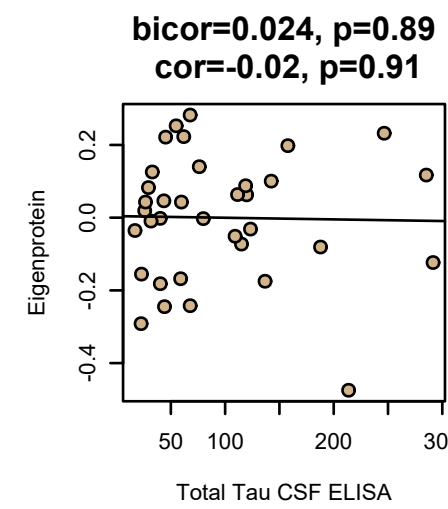
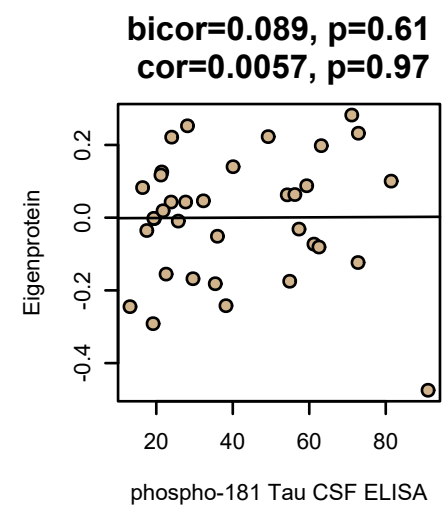
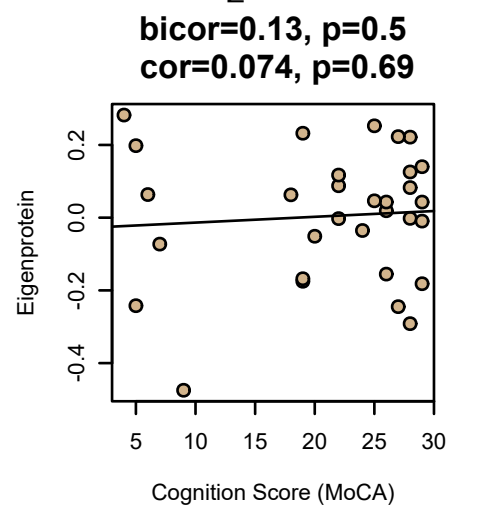
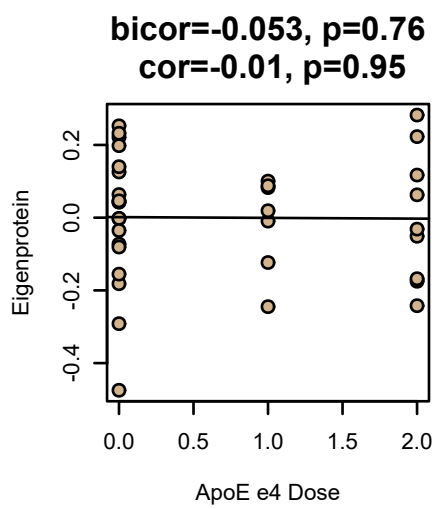
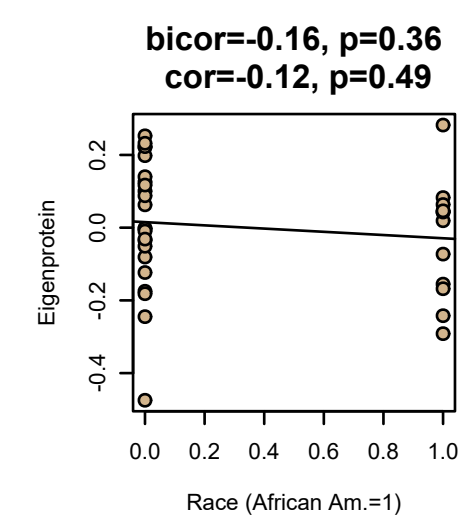
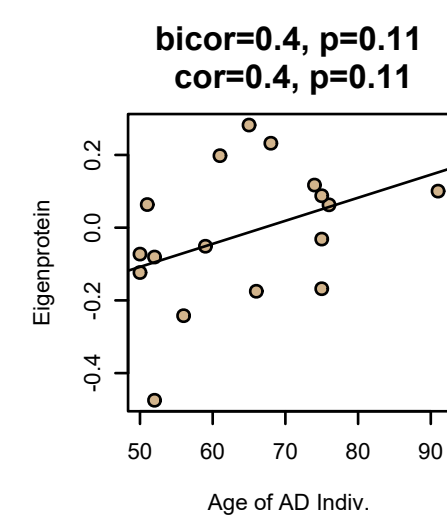
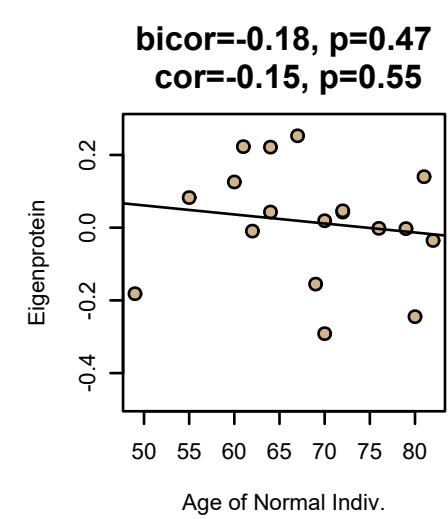
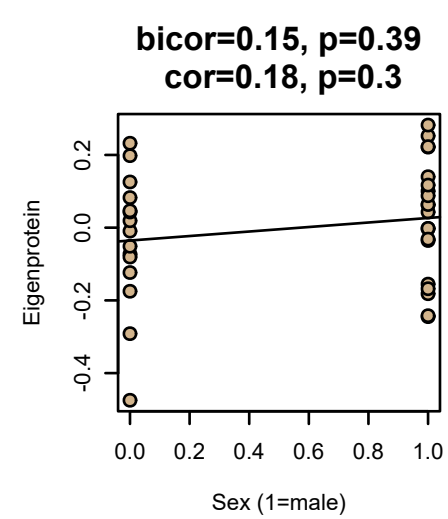
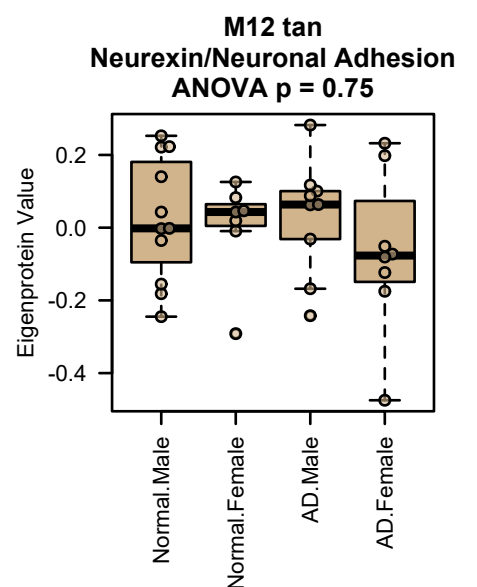
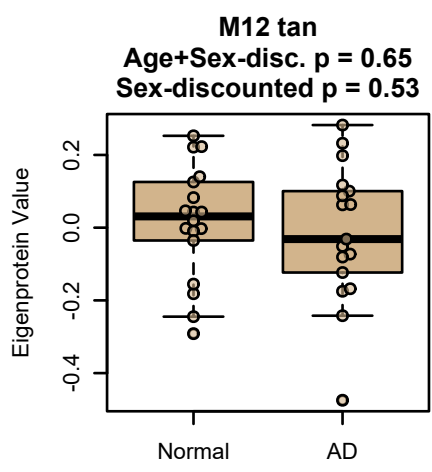
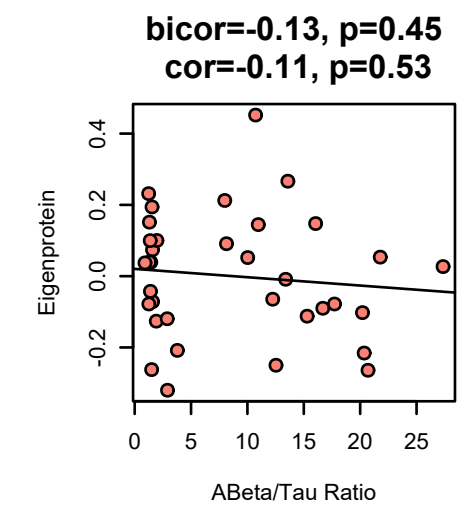
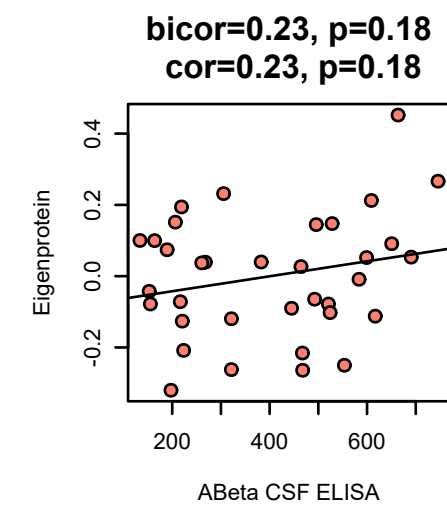
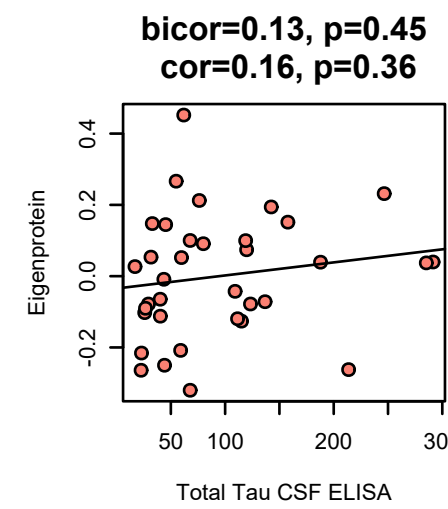
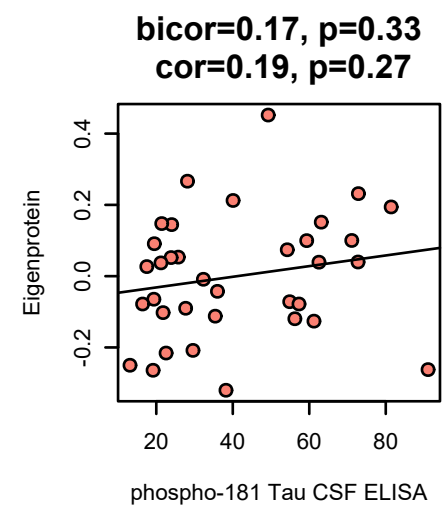
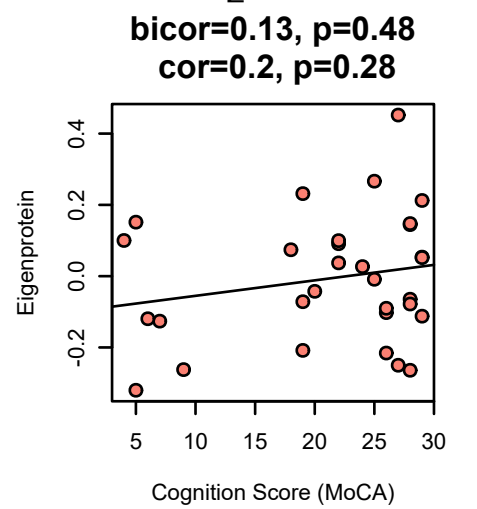
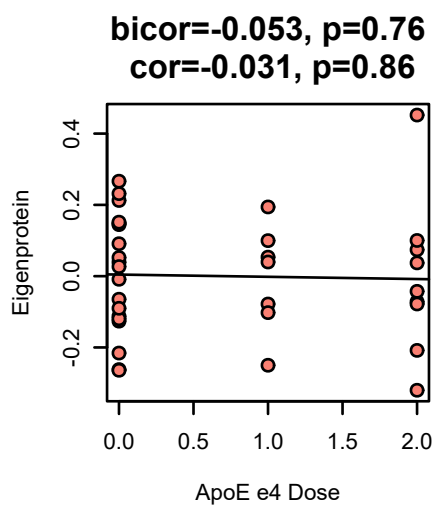
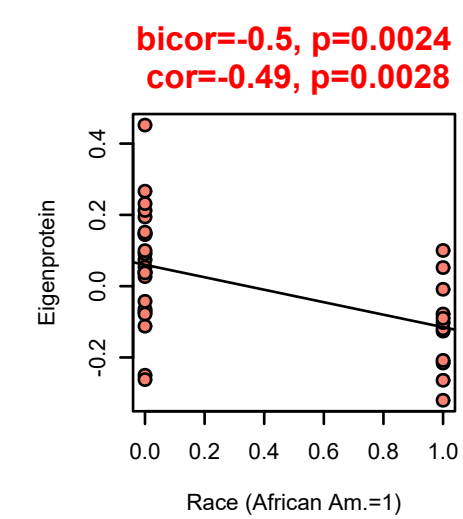
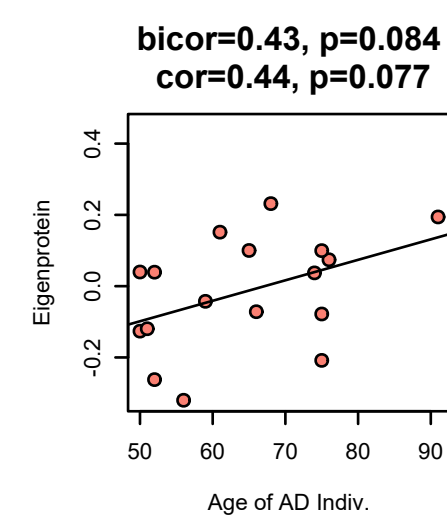
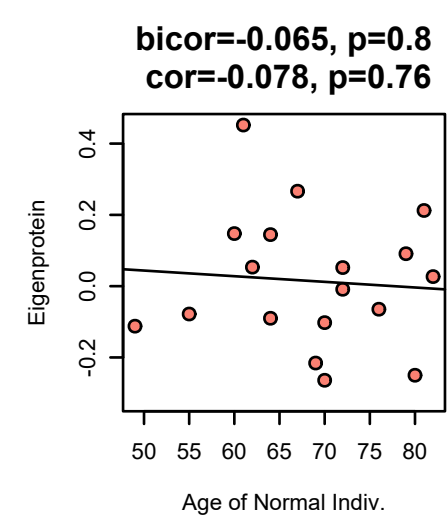
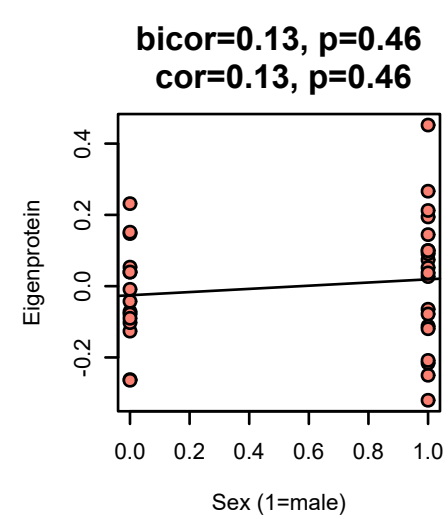
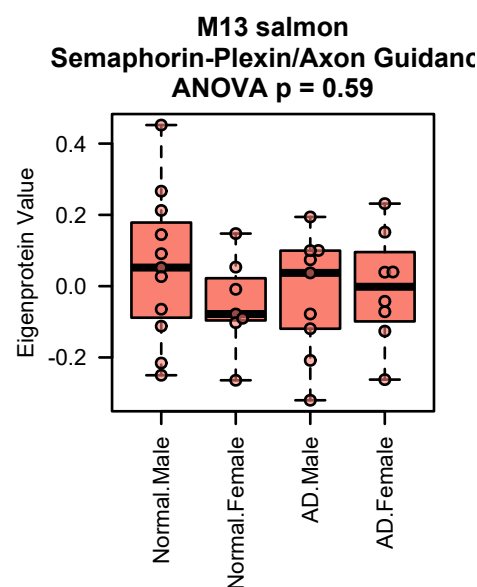
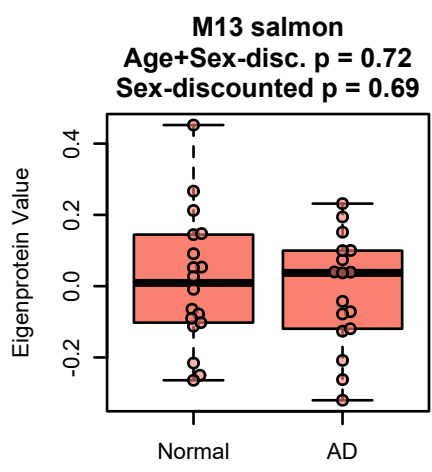


bicor=-0.26, p=0.13
cor=-0.22, p=0.2

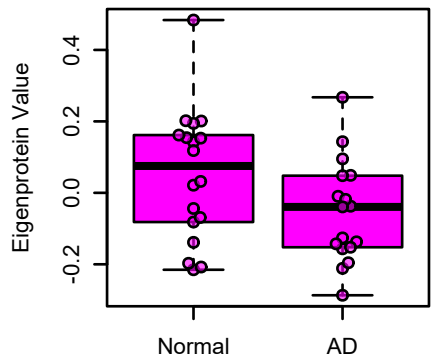


bicor=-0.46, p=0.0055
cor=-0.46, p=0.0054

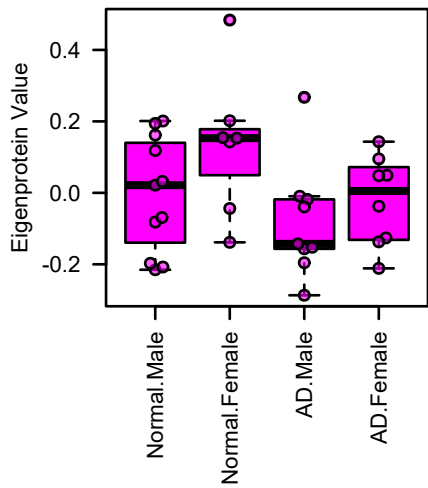




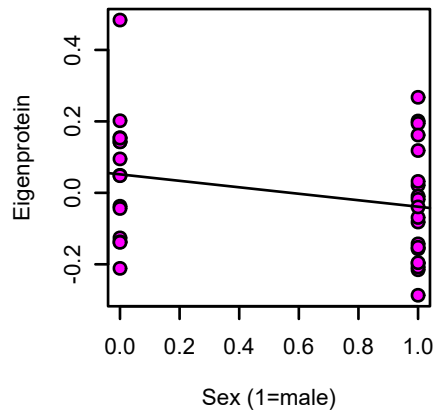
M9 magenta
Age+Sex-disc. $p = 0.032$
Sex-discounted $p = 0.042$



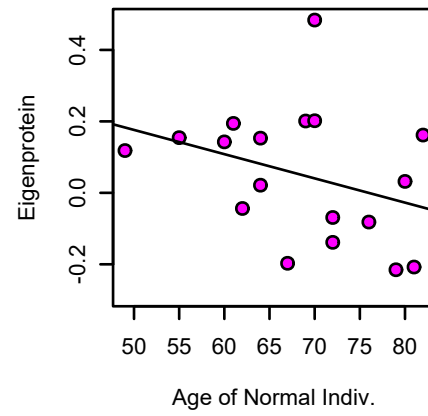
M9 magenta
Ambiguous
ANOVA $p = 0.042$



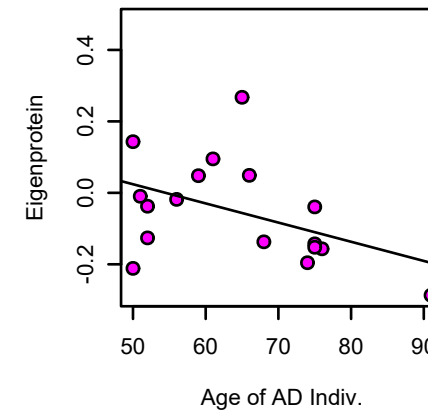
$\text{bicor} = -0.26, p = 0.14$
 $\text{cor} = -0.27, p = 0.12$



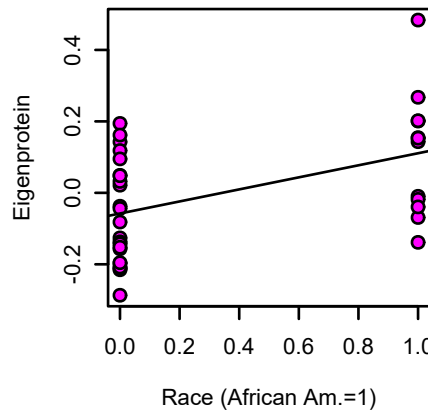
$\text{bicor} = -0.35, p = 0.16$
 $\text{cor} = -0.34, p = 0.17$



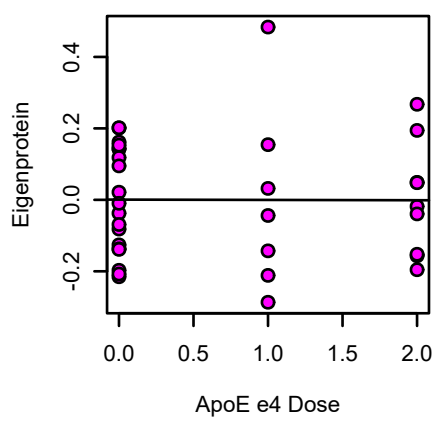
$\text{bicor} = -0.44, p = 0.076$
 $\text{cor} = -0.45, p = 0.07$



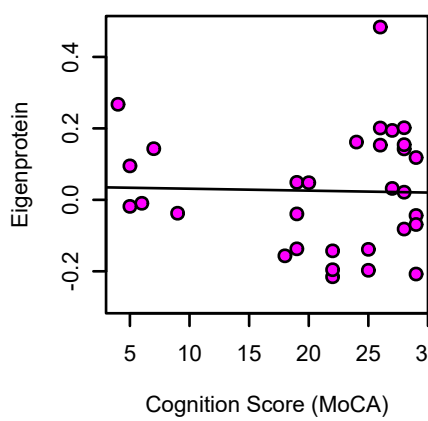
$\text{bicor} = 0.46, p = 0.0052$
 $\text{cor} = 0.47, p = 0.0044$



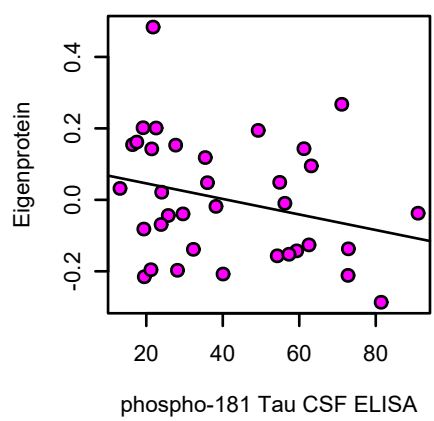
$\text{bicor} = -0.017, p = 0.92$
 $\text{cor} = -0.0044, p = 0.98$



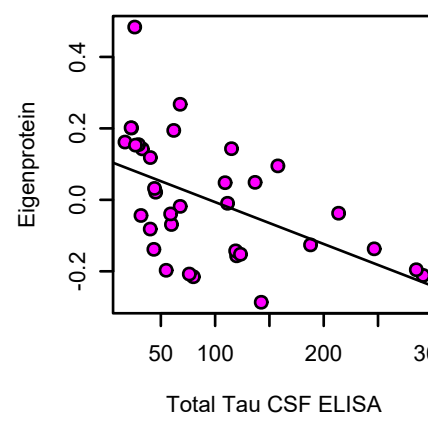
$\text{bicor} = 0.2, p = 0.28$
 $\text{cor} = -0.027, p = 0.89$



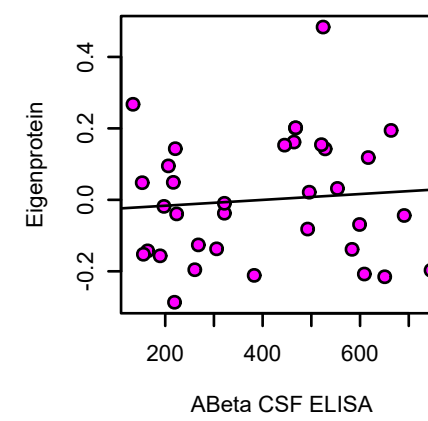
$\text{bicor} = -0.24, p = 0.16$
 $\text{cor} = -0.27, p = 0.12$



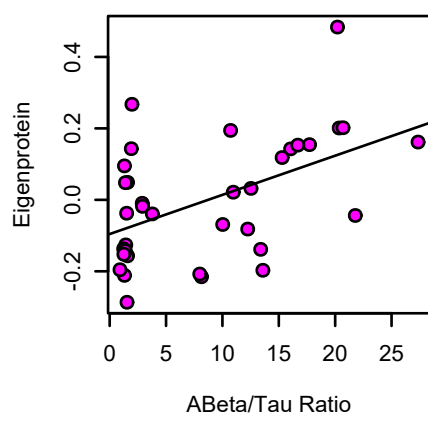
$\text{bicor} = -0.48, p = 0.0036$
 $\text{cor} = -0.51, p = 0.0017$



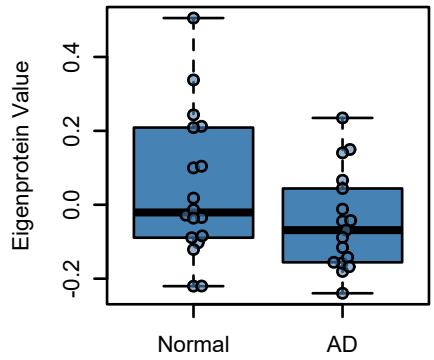
$\text{bicor} = 0.064, p = 0.71$
 $\text{cor} = 0.088, p = 0.62$



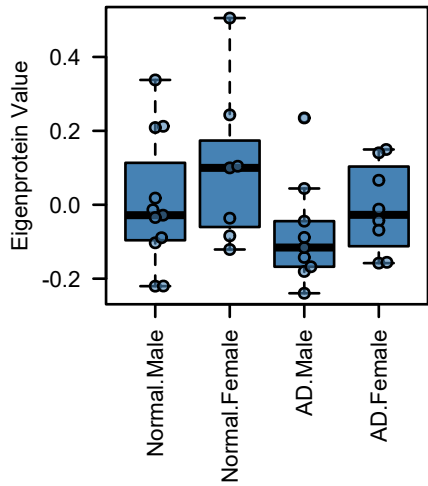
$\text{bicor} = 0.5, p = 0.0023$
 $\text{cor} = 0.5, p = 0.0022$



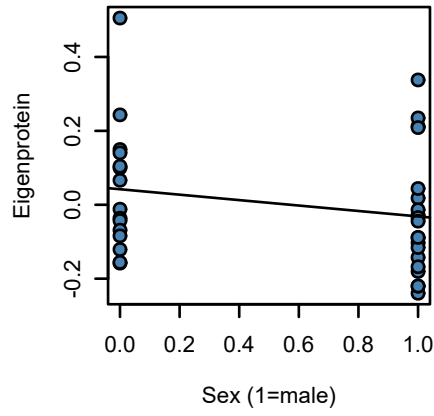
M30 steelblue
Age+Sex-disc. $p = 0.18$
Sex-discounted $p = 0.12$



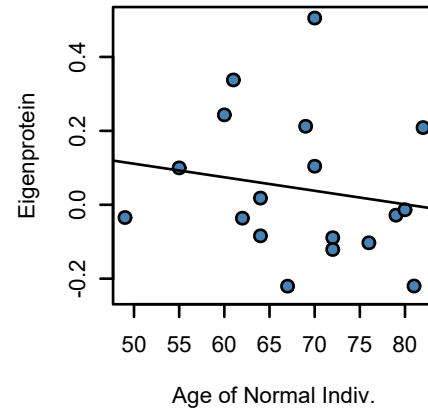
M30 steelblue
Ribonucleoprotein Complex
ANOVA $p = 0.3$



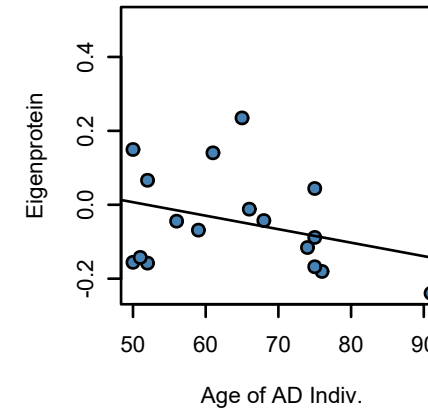
$\text{bicor} = -0.21, p = 0.23$
 $\text{cor} = -0.22, p = 0.2$



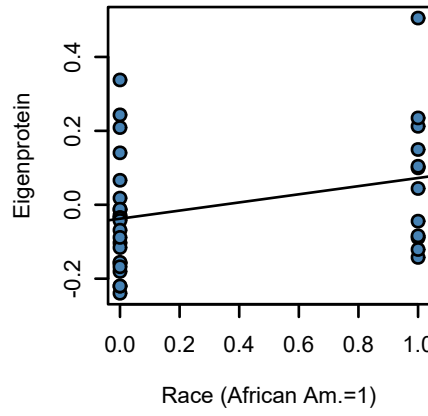
$\text{bicor} = -0.24, p = 0.33$
 $\text{cor} = -0.17, p = 0.5$



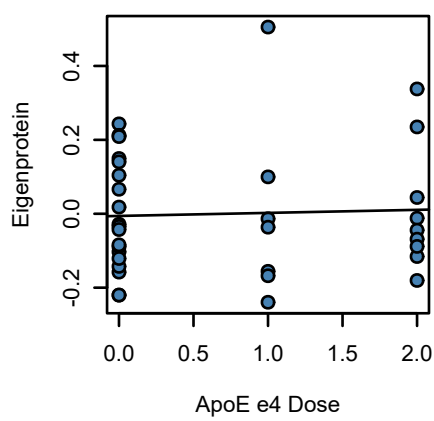
$\text{bicor} = -0.33, p = 0.2$
 $\text{cor} = -0.33, p = 0.2$



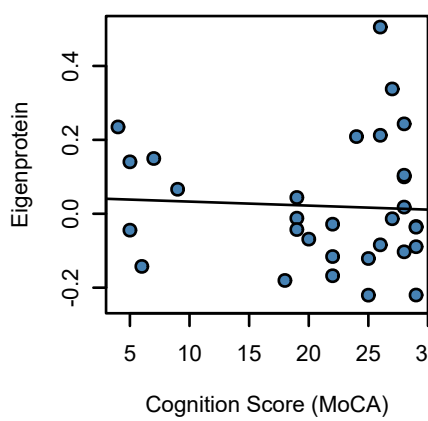
$\text{bicor} = 0.29, p = 0.087$
 $\text{cor} = 0.31, p = 0.07$



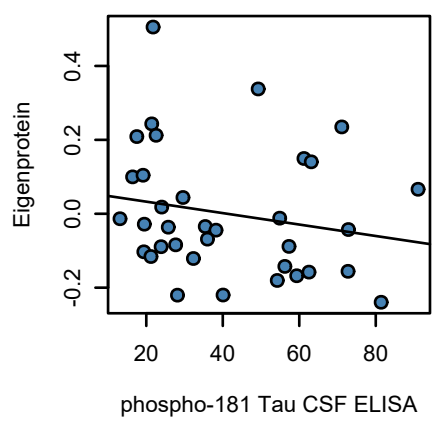
$\text{bicor} = 0.0064, p = 0.97$
 $\text{cor} = 0.041, p = 0.82$



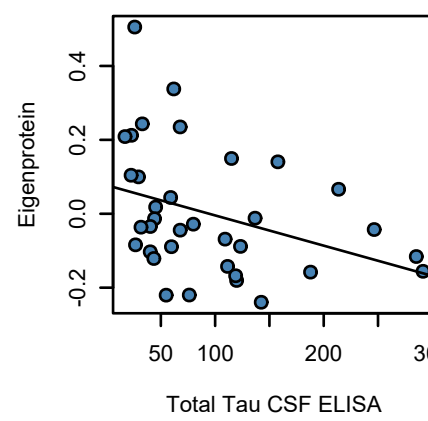
$\text{bicor} = 0.0018, p = 0.99$
 $\text{cor} = -0.053, p = 0.78$



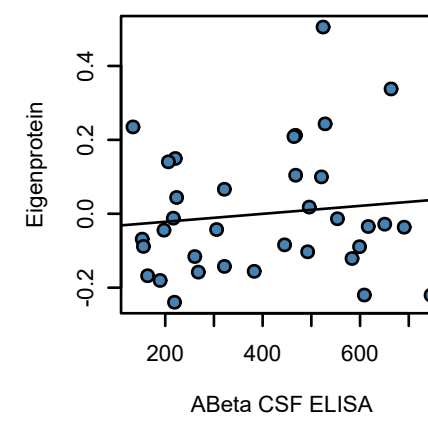
$\text{bicor} = -0.15, p = 0.38$
 $\text{cor} = -0.2, p = 0.25$



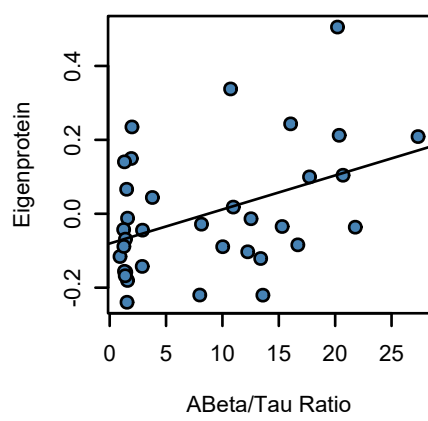
$\text{bicor} = -0.31, p = 0.066$
 $\text{cor} = -0.36, p = 0.034$

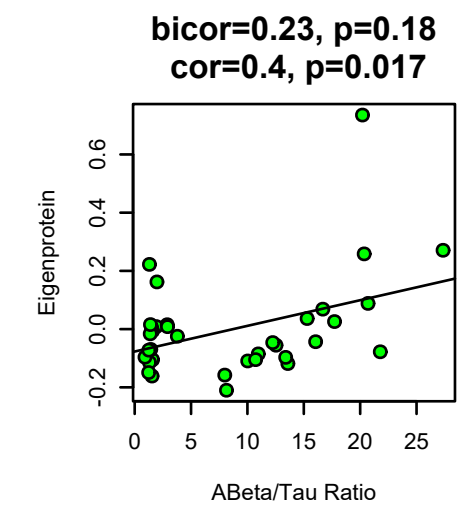
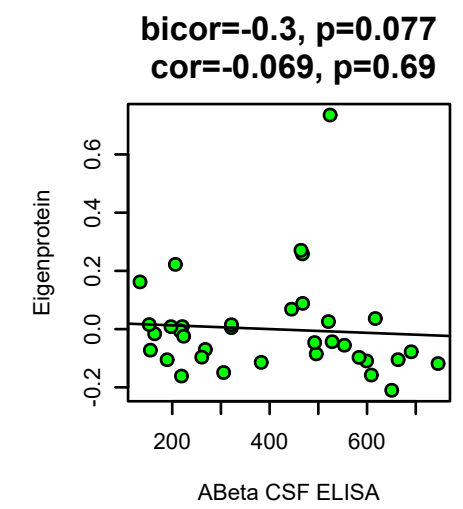
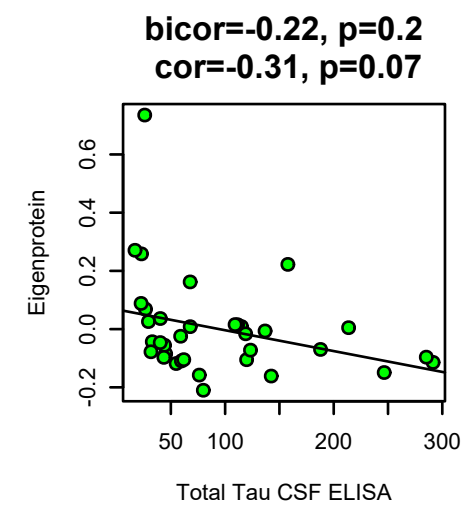
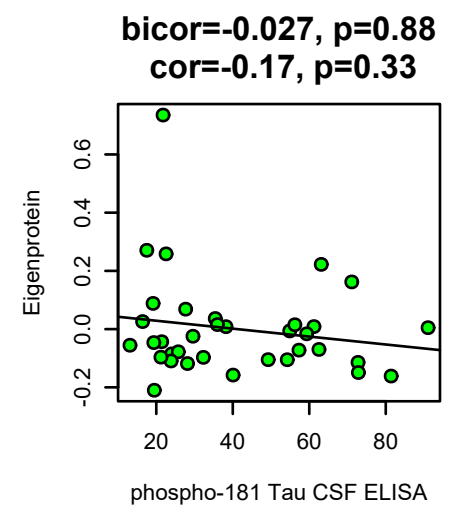
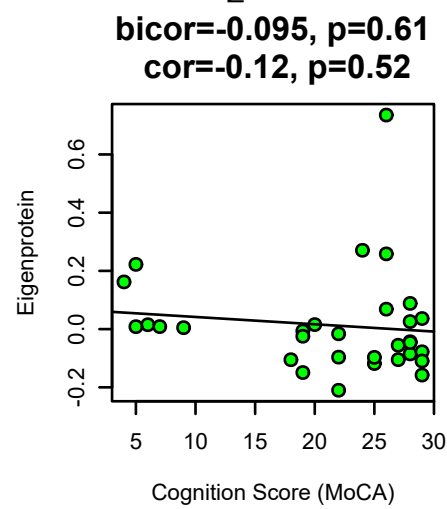
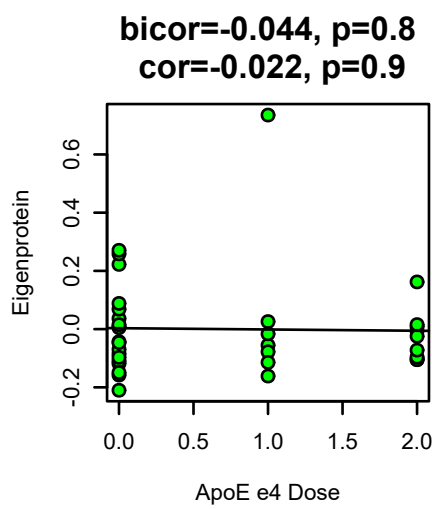
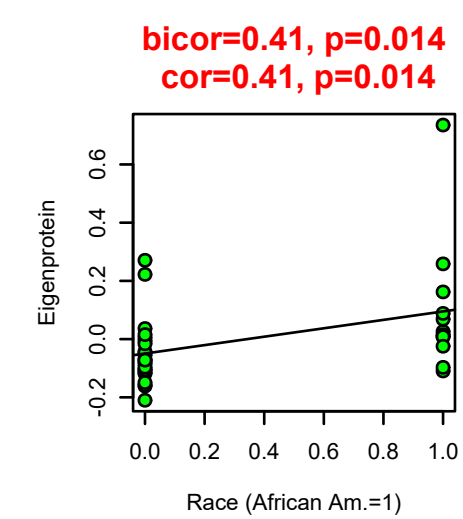
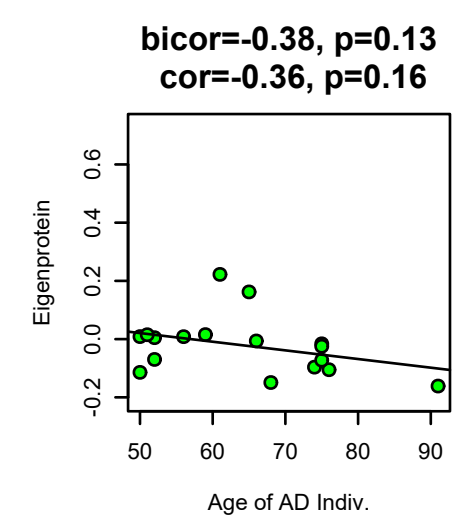
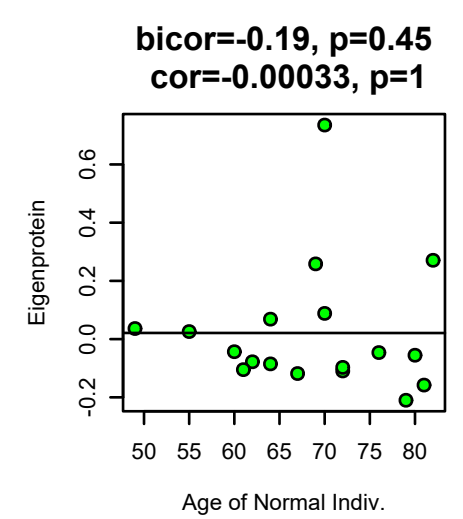
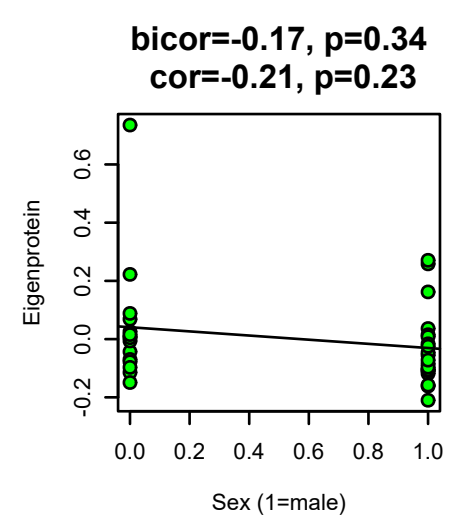
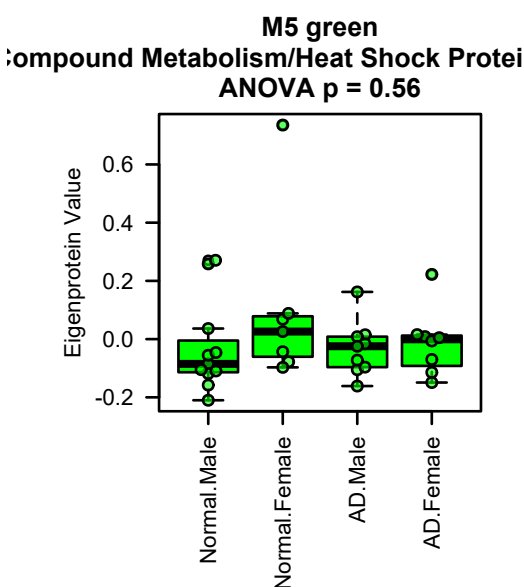
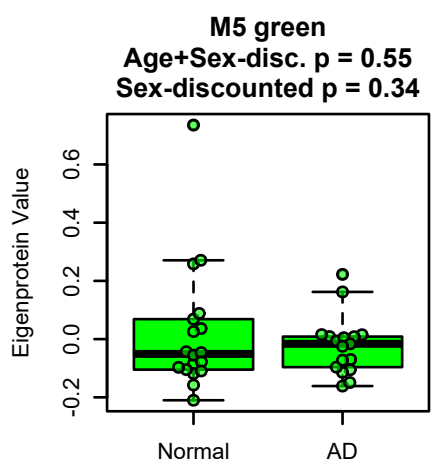
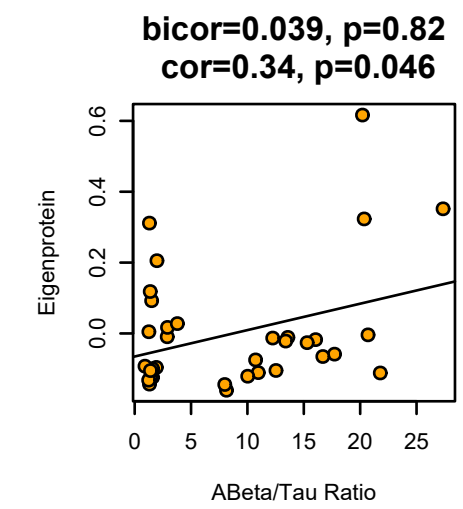
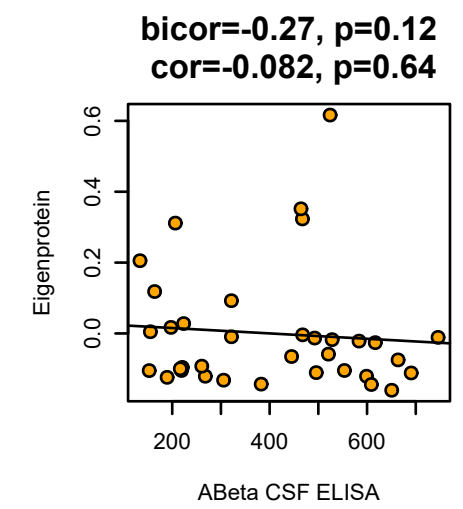
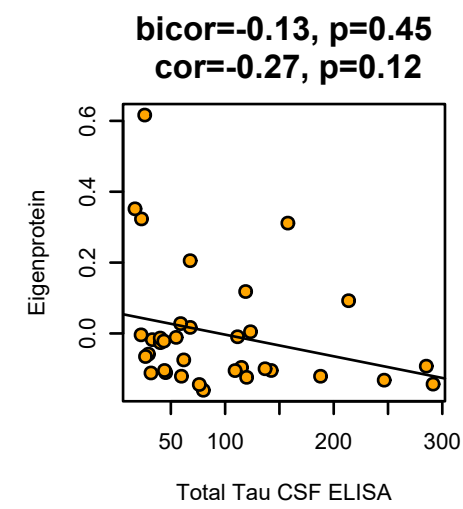
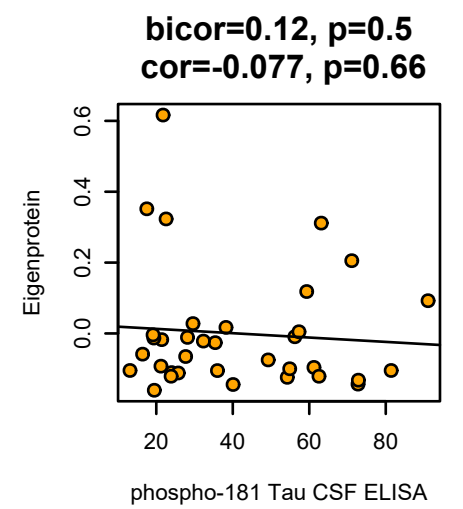
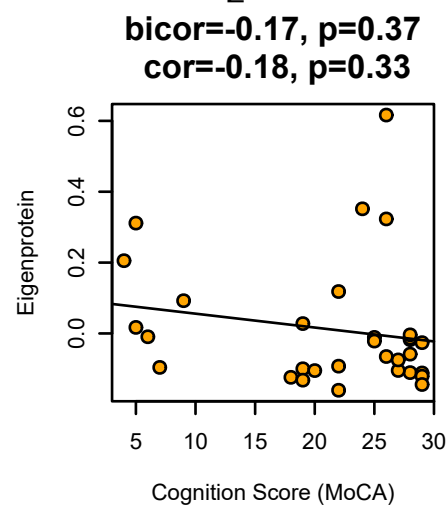
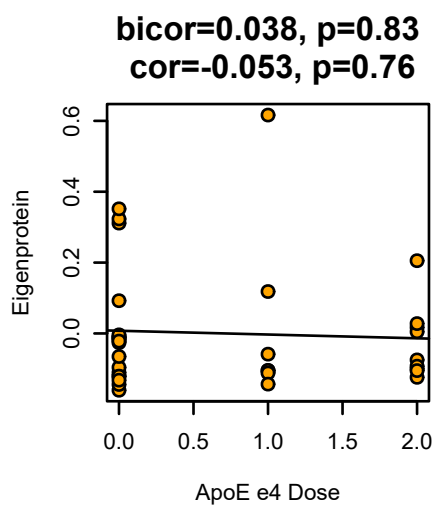
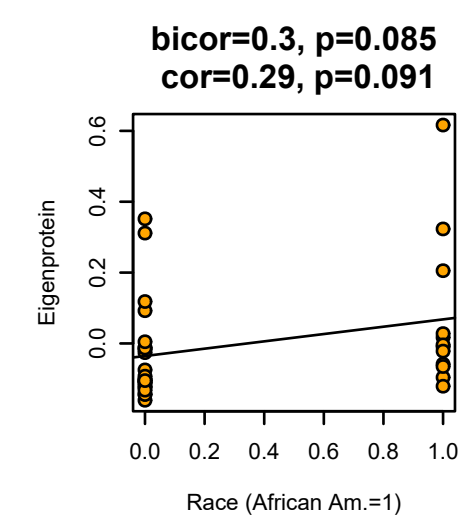
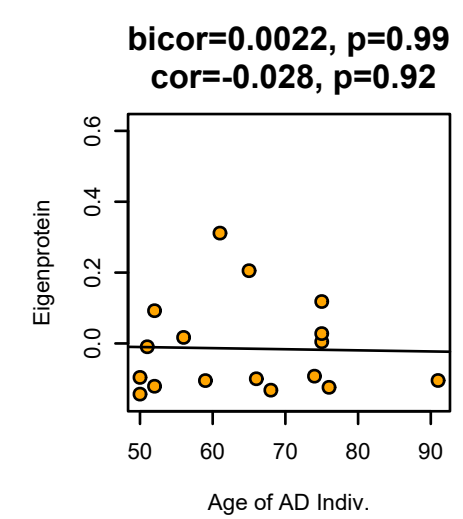
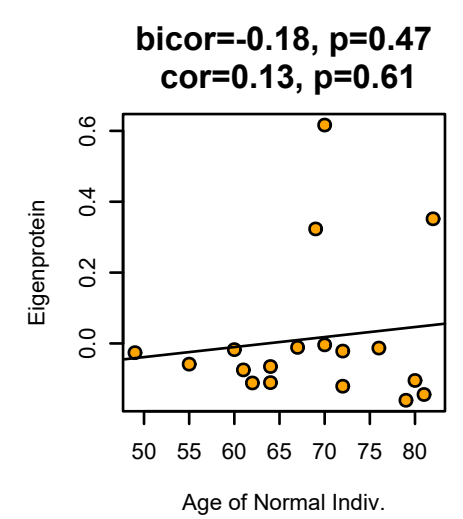
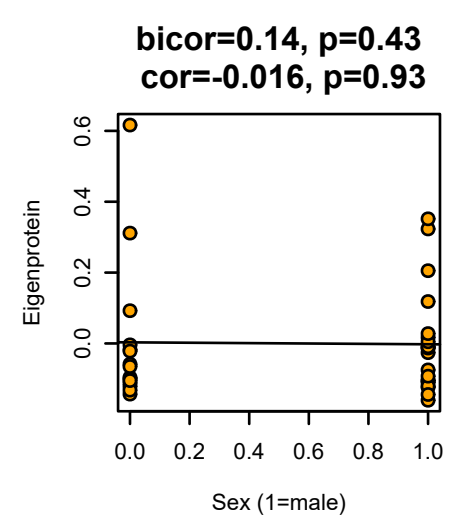
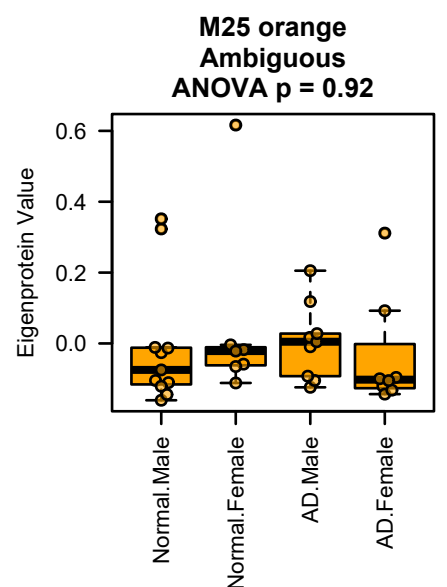
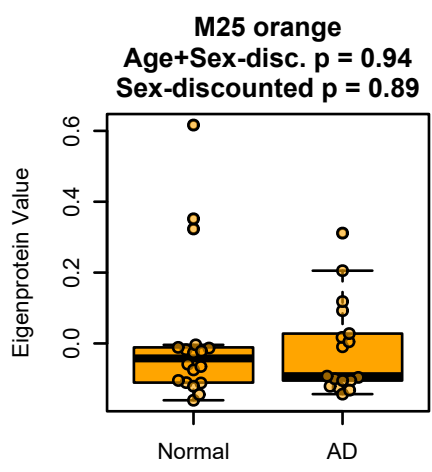


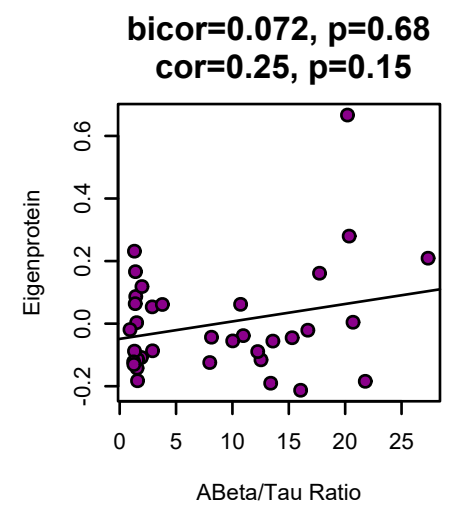
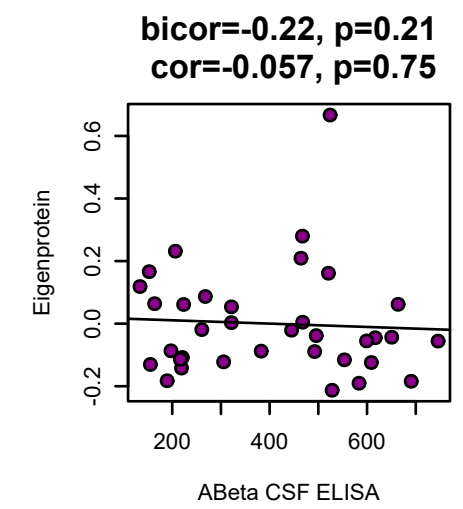
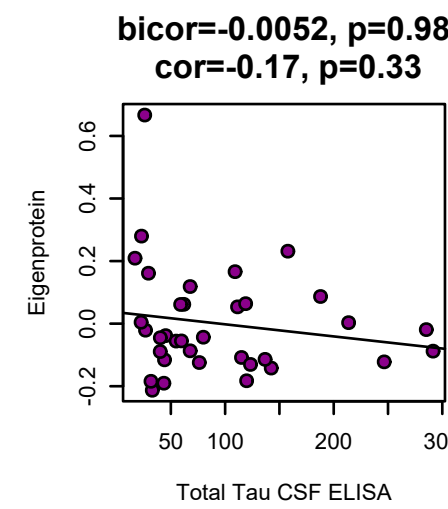
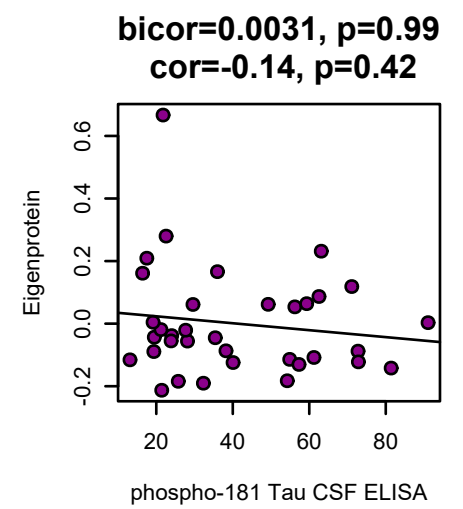
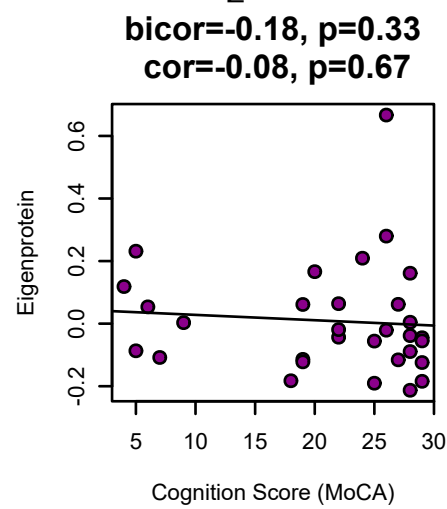
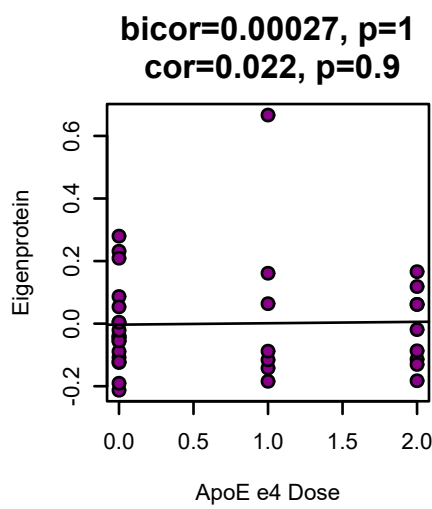
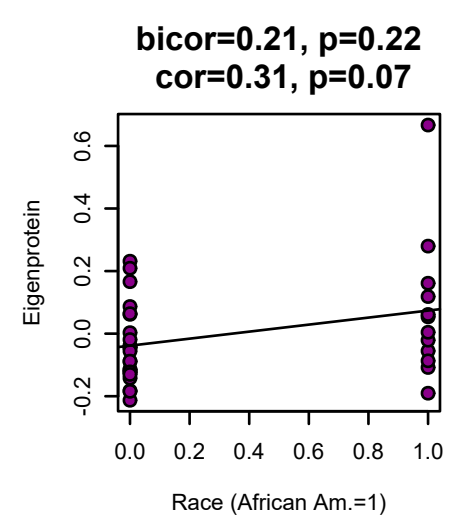
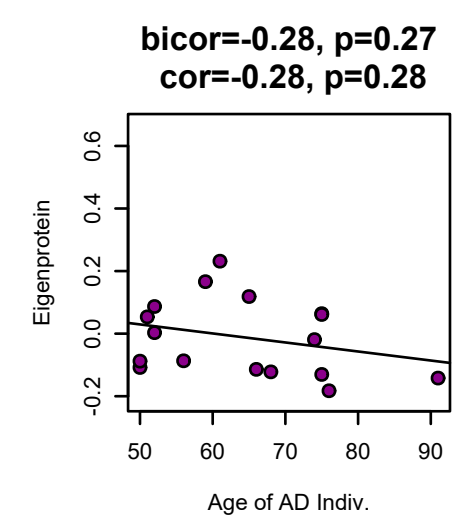
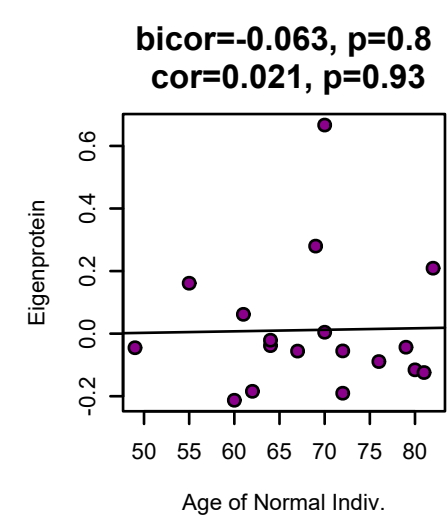
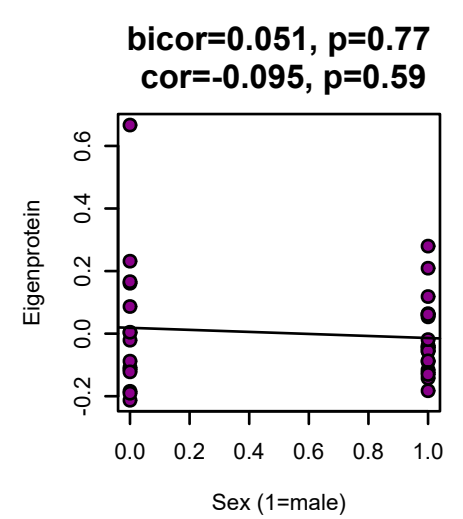
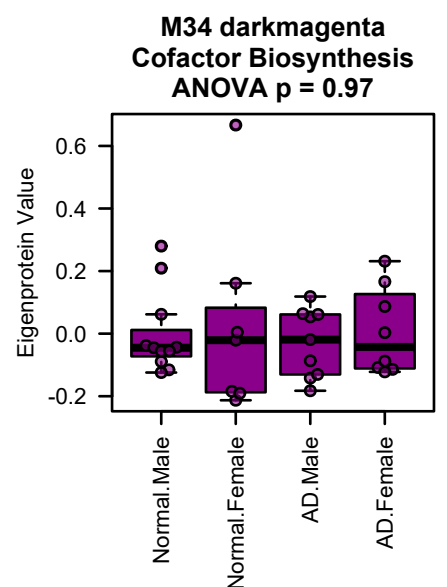
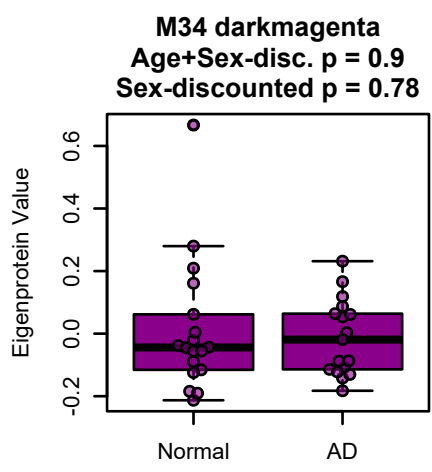
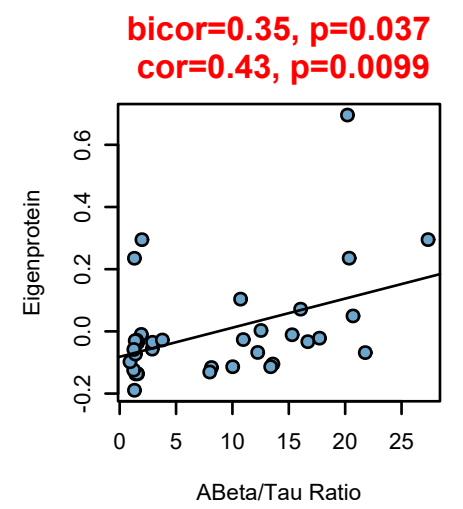
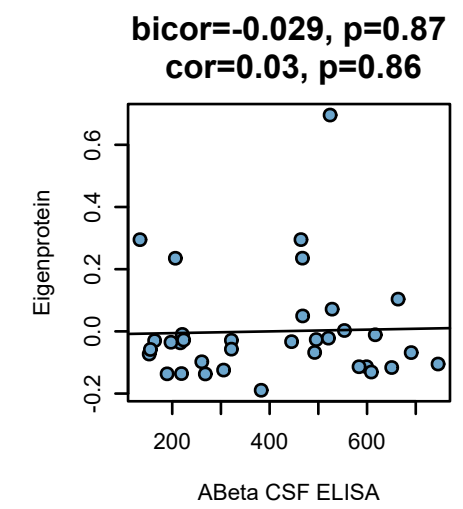
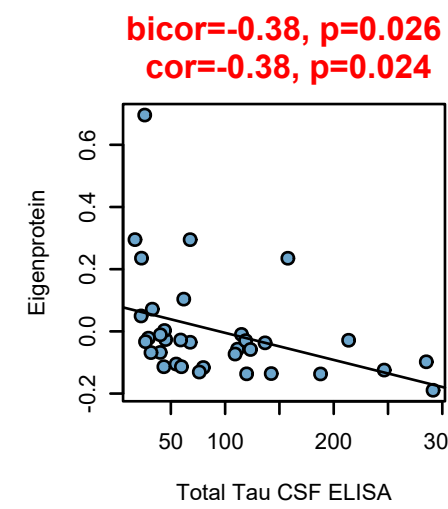
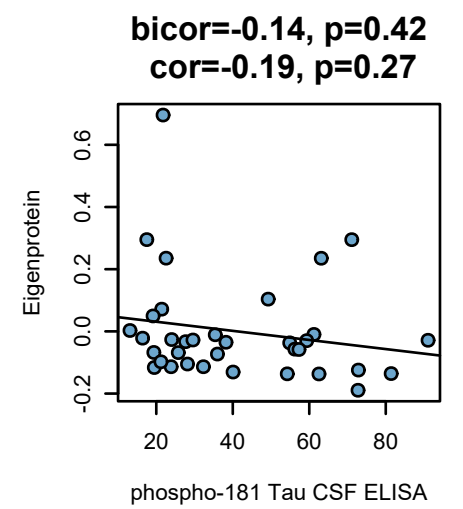
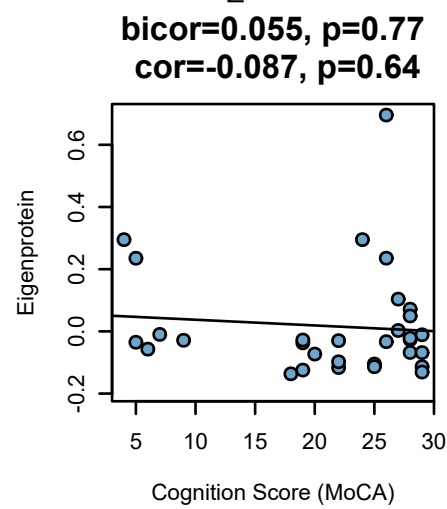
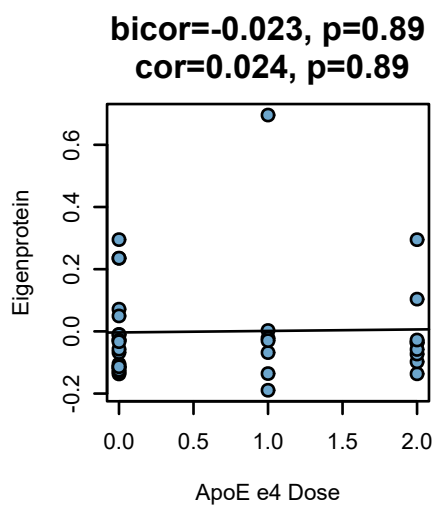
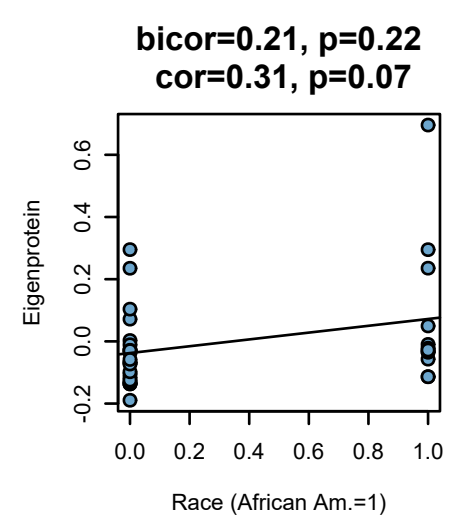
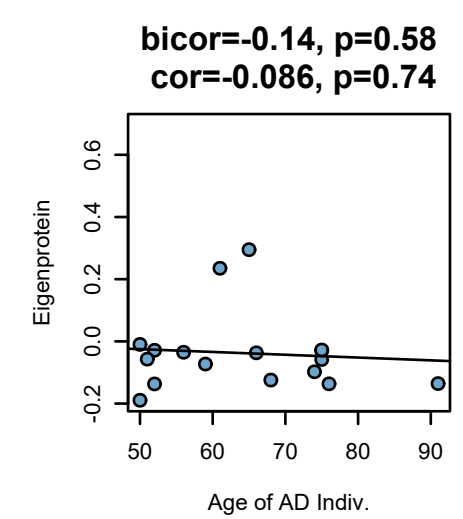
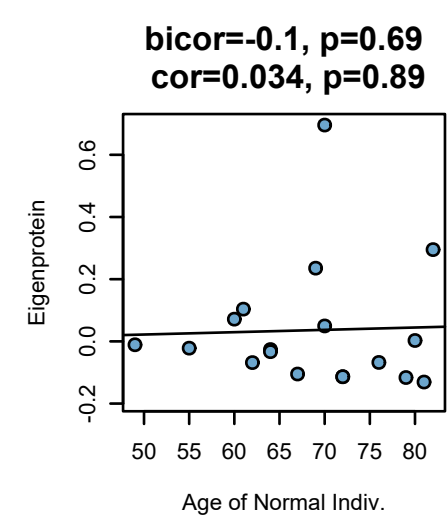
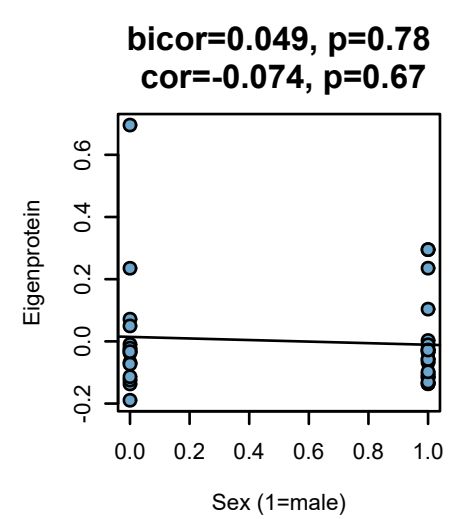
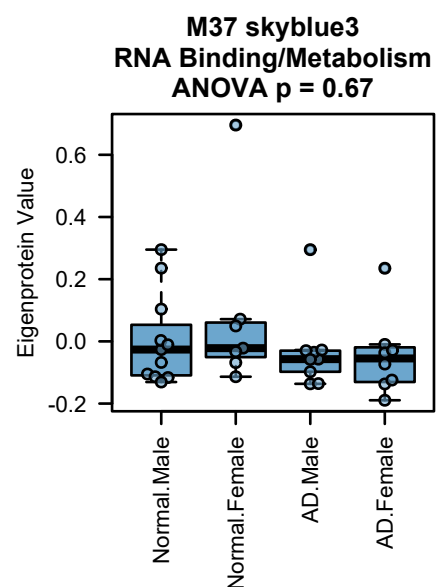
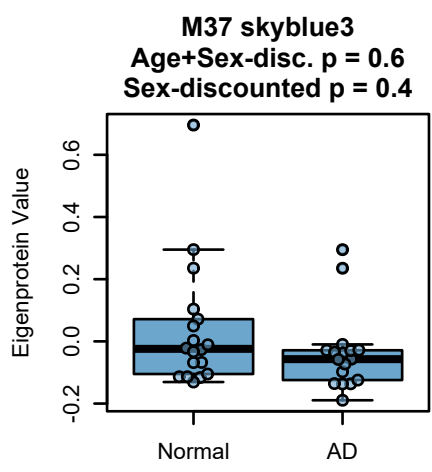
$\text{bicor} = 0.046, p = 0.79$
 $\text{cor} = 0.12, p = 0.49$

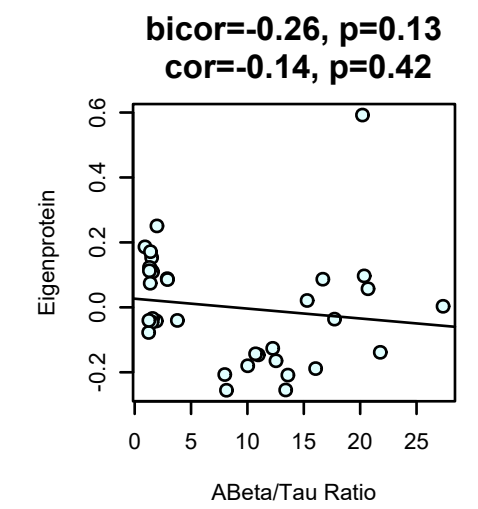
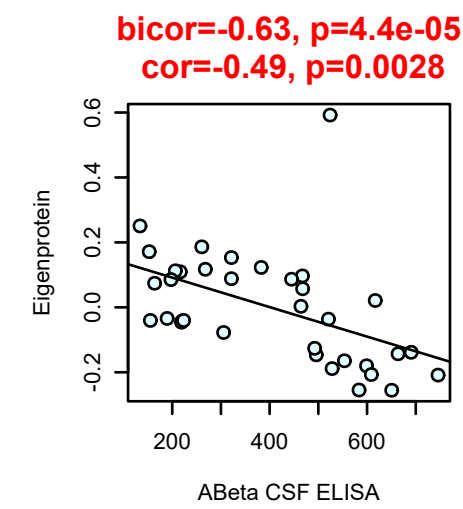
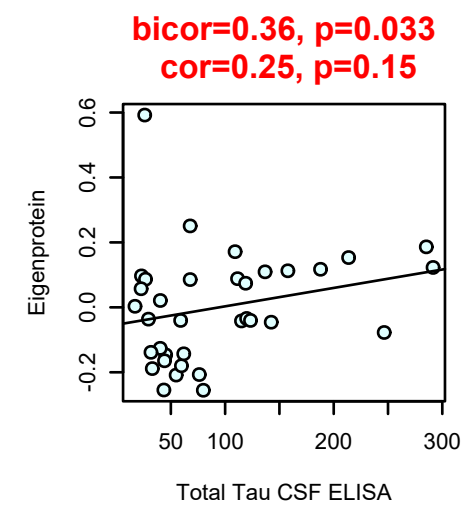
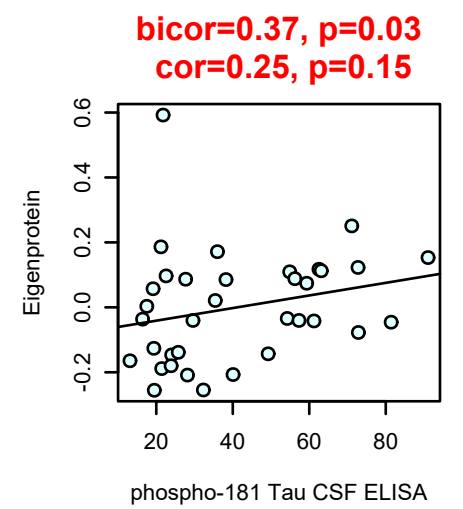
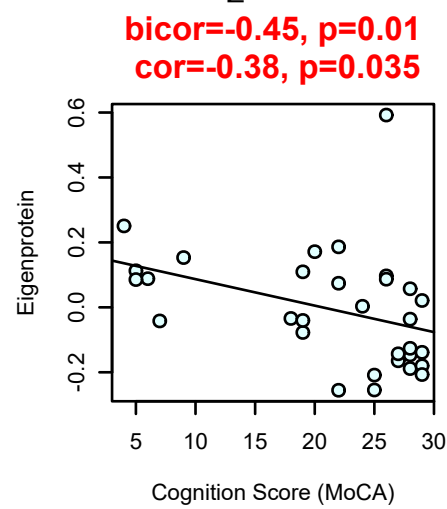
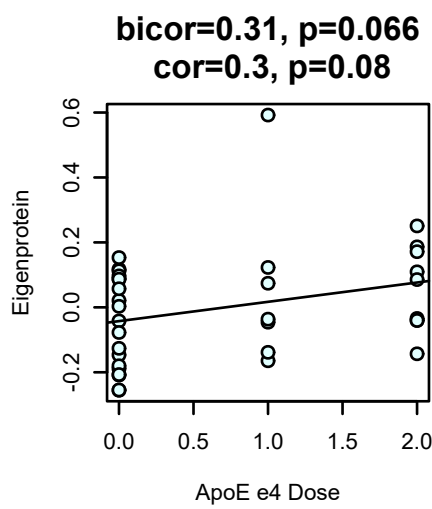
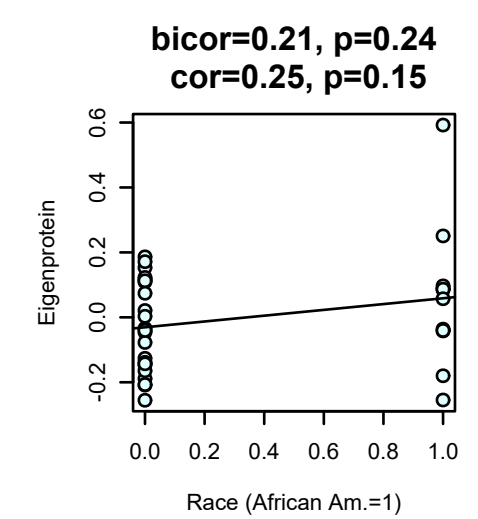
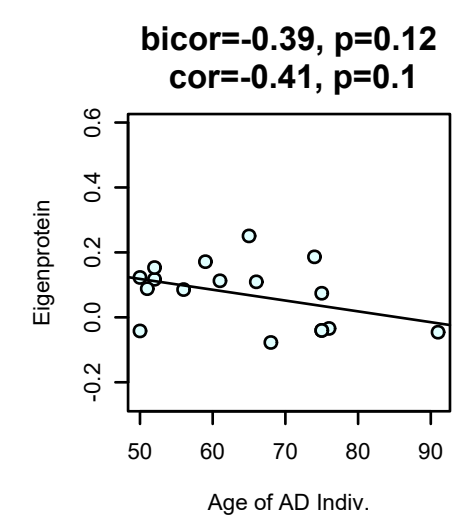
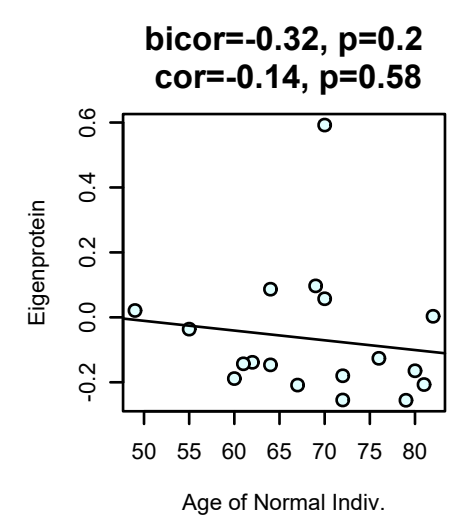
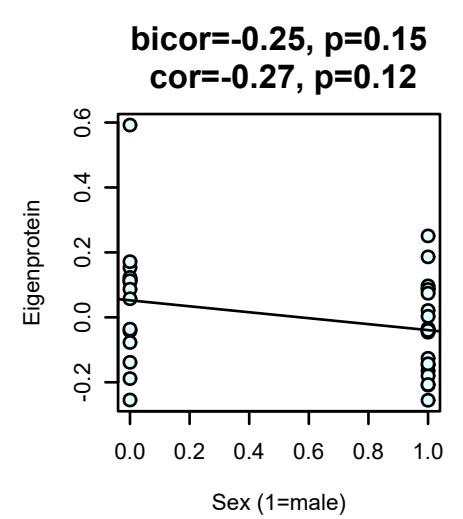
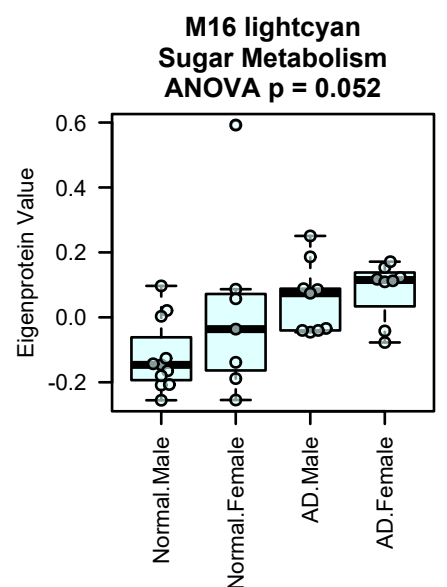
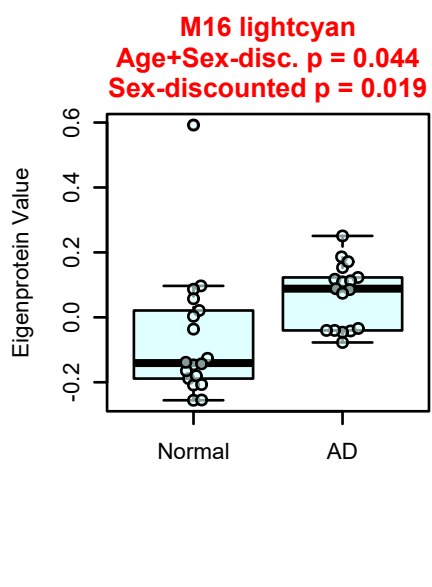
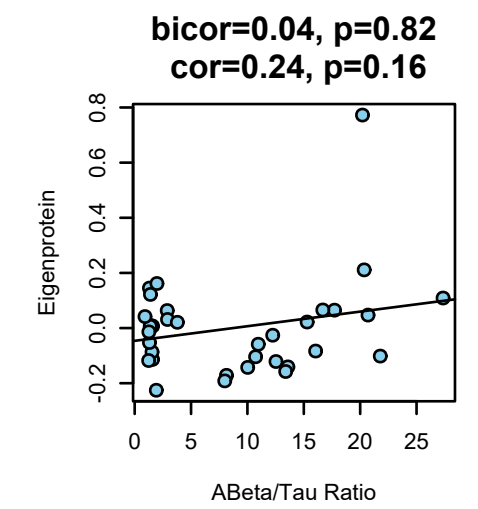
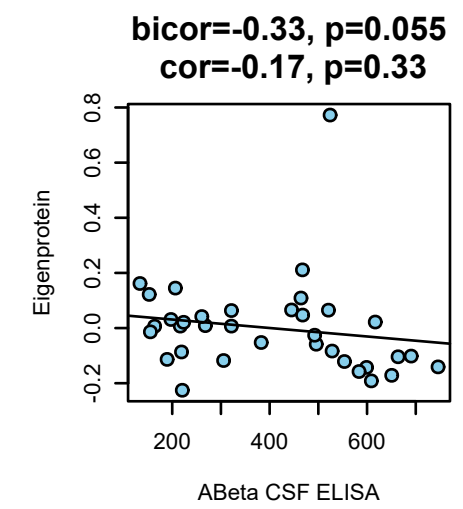
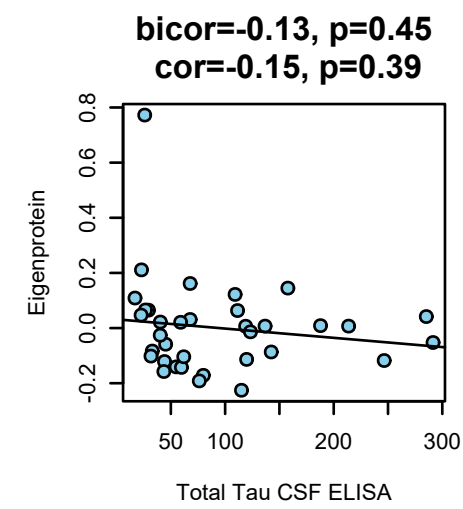
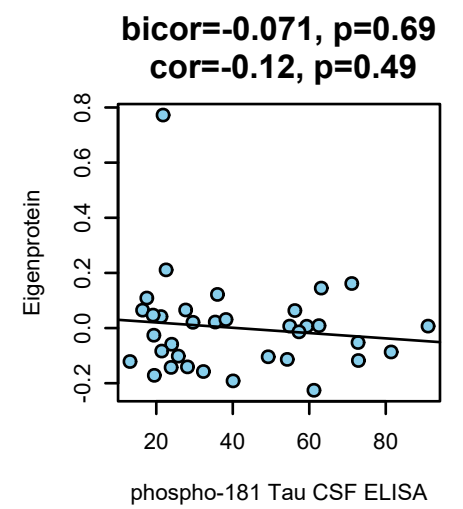
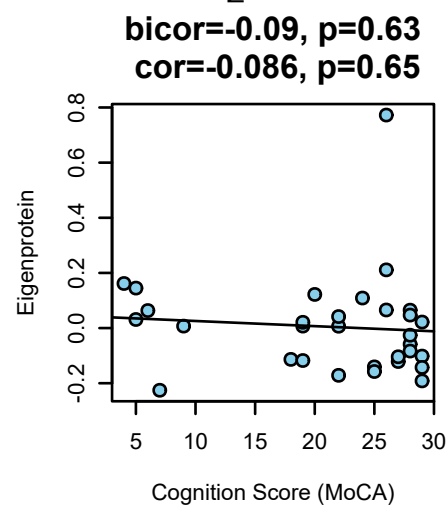
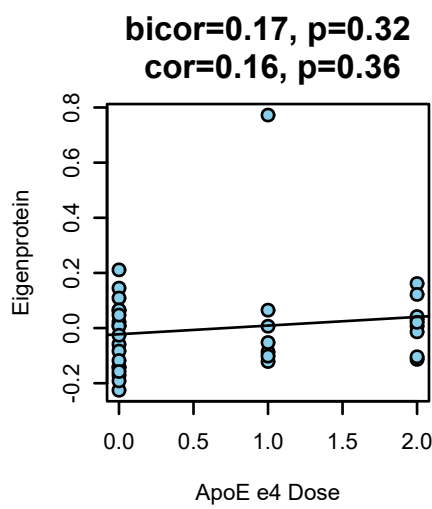
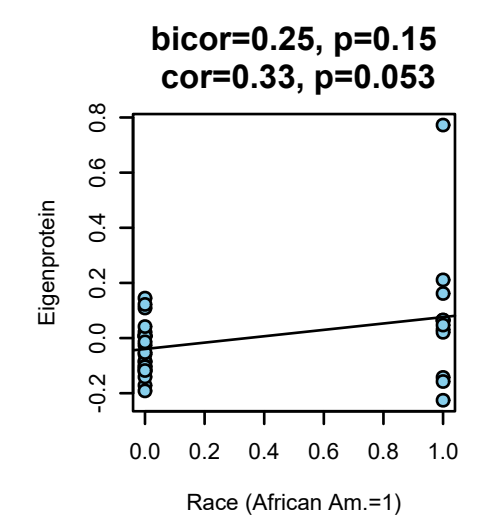
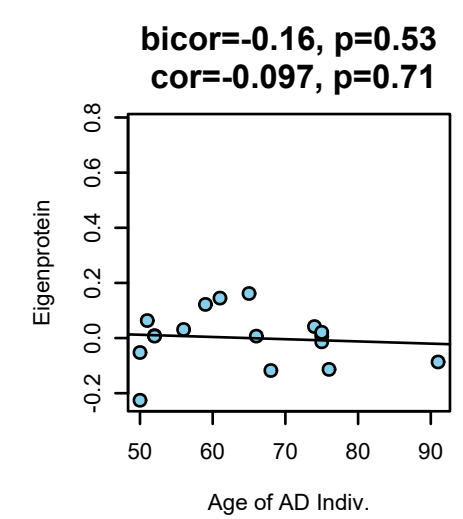
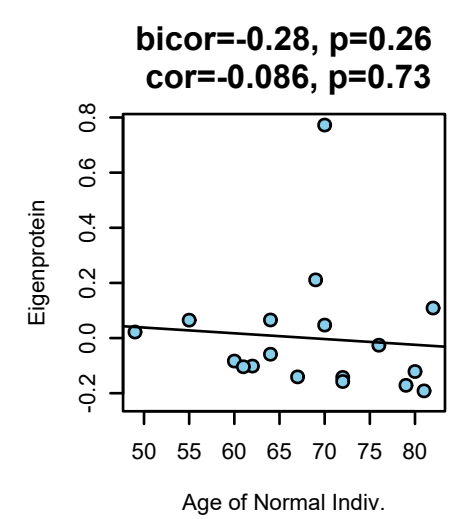
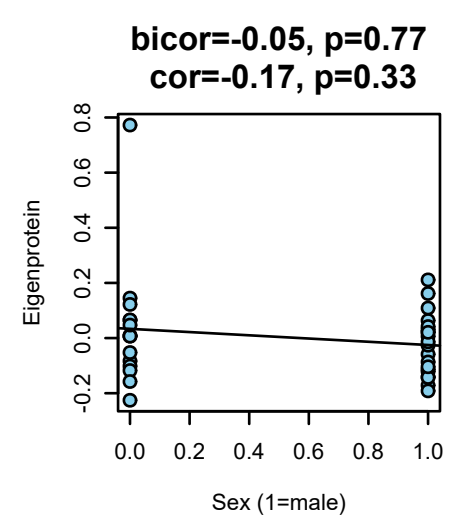
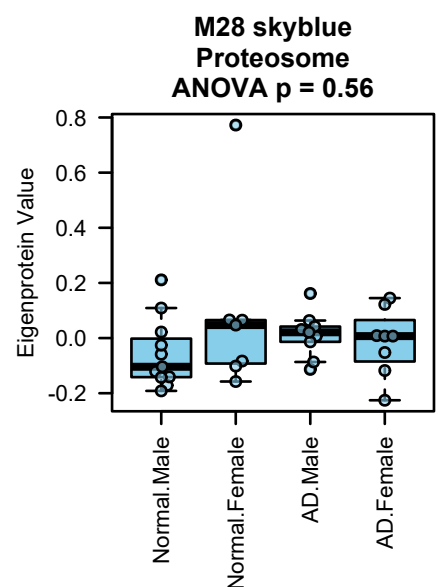
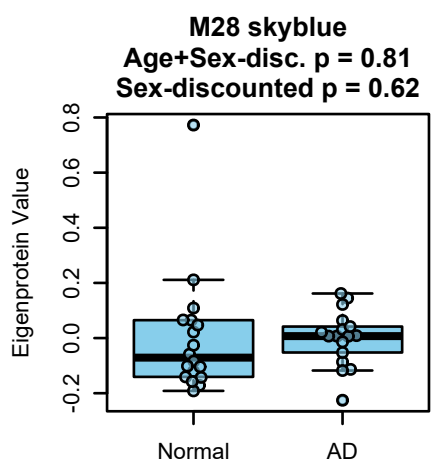


$\text{bicor} = 0.4, p = 0.018$
 $\text{cor} = 0.42, p = 0.012$

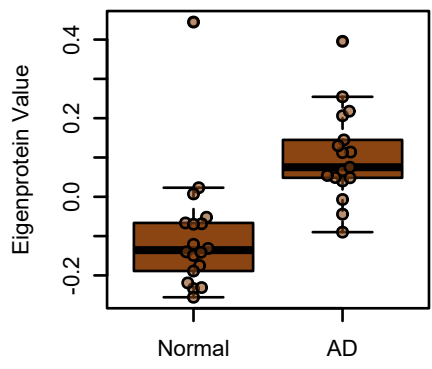




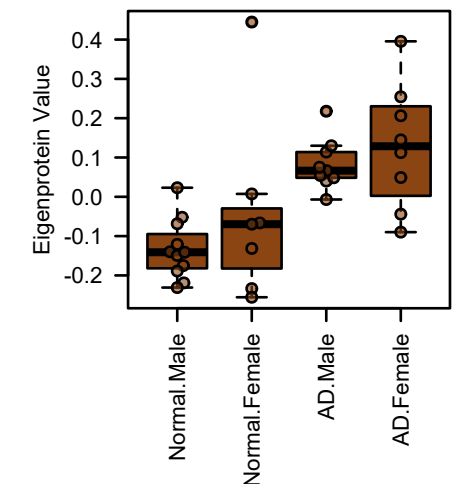




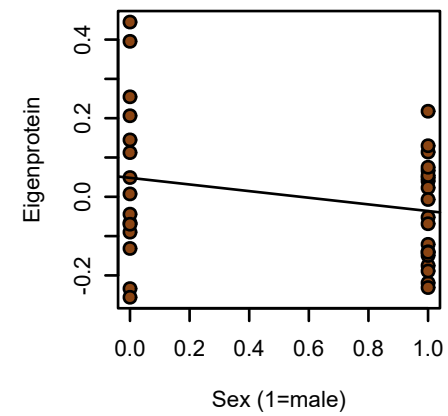
M29 saddlebrown
Age+Sex-disc. $p = 0.0011$
Sex-discounted $p = 0.00031$



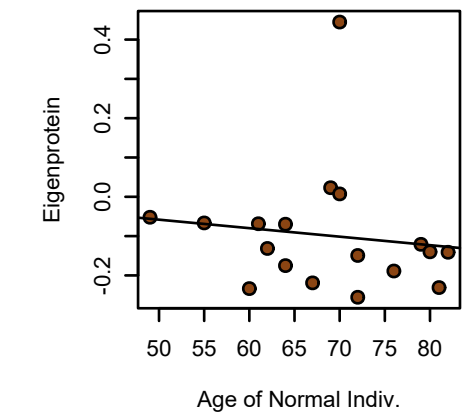
M29 saddlebrown
Sugar Metabolism/Actin Depolymeriz
ANOVA $p = 0.0029$



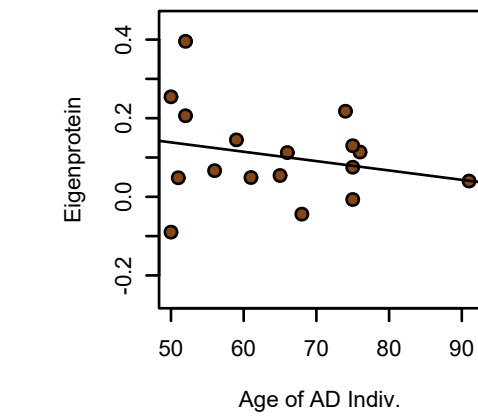
M29 saddlebrown
bicor=-0.22, $p=0.2$
cor=-0.25, $p=0.15$



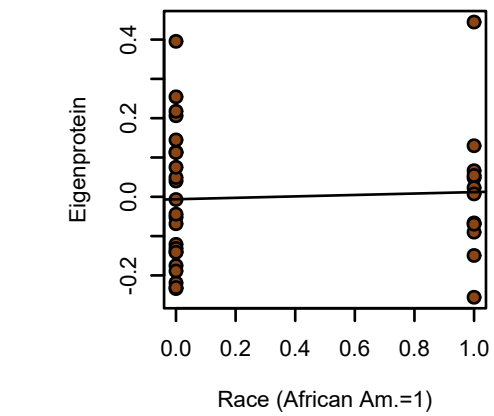
M29 saddlebrown
bicor=-0.32, $p=0.19$
cor=-0.13, $p=0.61$



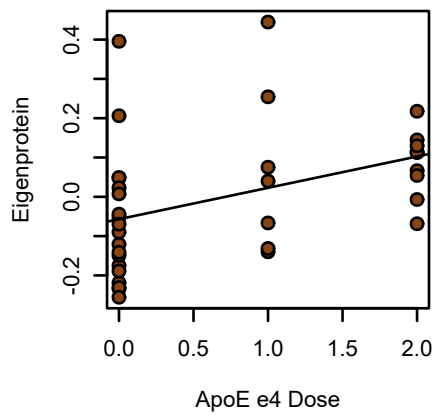
M29 saddlebrown
bicor=-0.17, $p=0.51$
cor=-0.24, $p=0.35$



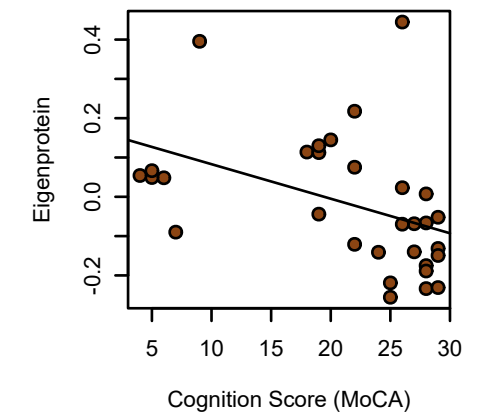
M29 saddlebrown
bicor=0.041, $p=0.82$
cor=0.051, $p=0.77$



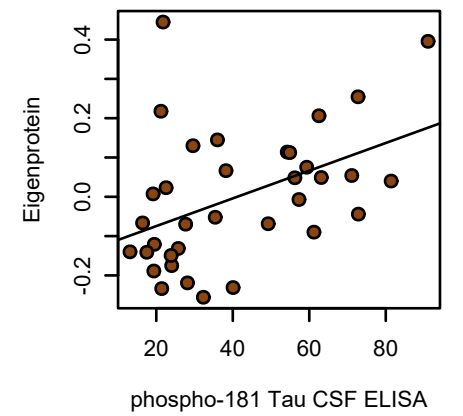
M29 saddlebrown
bicor=0.44, $p=0.0075$
cor=0.4, $p=0.017$



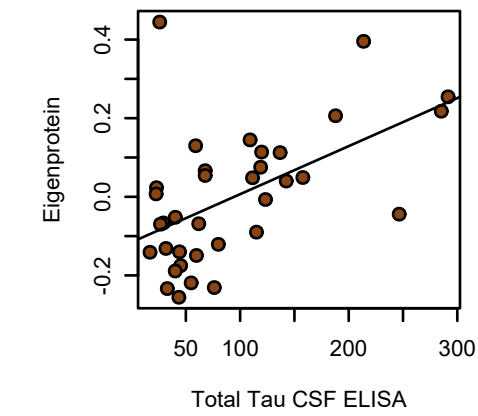
M29 saddlebrown
bicor=-0.64, $p=1e-04$
cor=-0.43, $p=0.016$



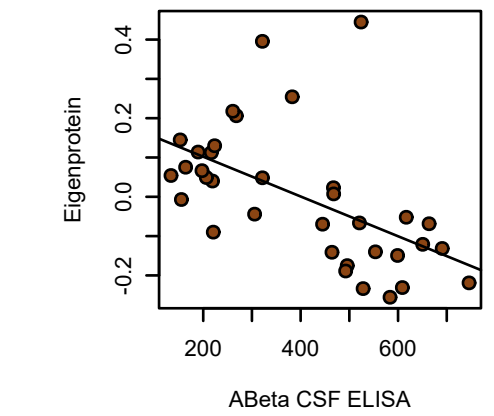
M29 saddlebrown
bicor=0.45, $p=0.0071$
cor=0.45, $p=0.0067$



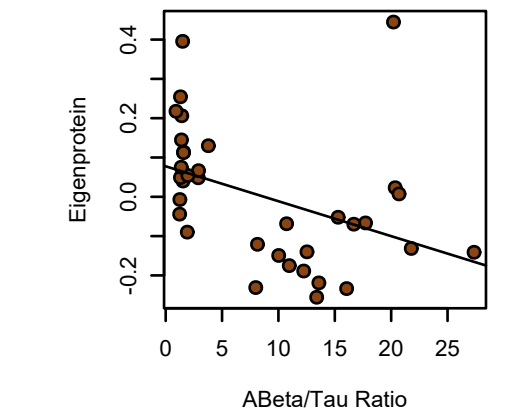
M29 saddlebrown
bicor=0.54, $p=0.00086$
cor=0.53, $p=0.0011$



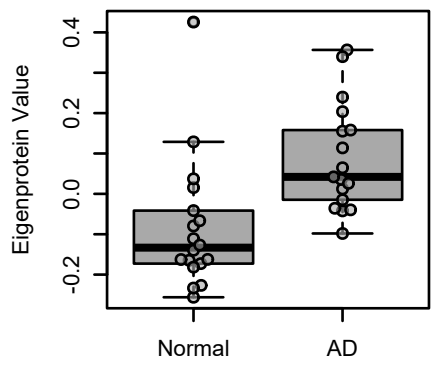
M29 saddlebrown
bicor=-0.6, $p=0.00014$
cor=-0.55, $p=0.00062$



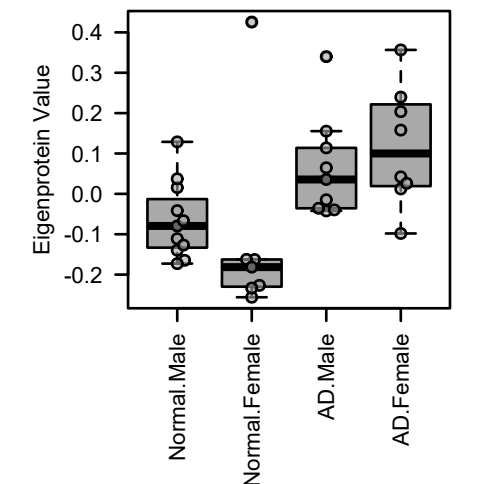
M29 saddlebrown
bicor=-0.48, $p=0.0035$
cor=-0.41, $p=0.014$



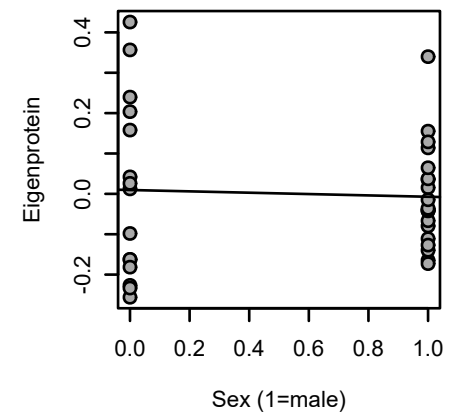
M24 darkgrey
Age+Sex-disc. $p = 0.016$
Sex-discounted $p = 0.0075$



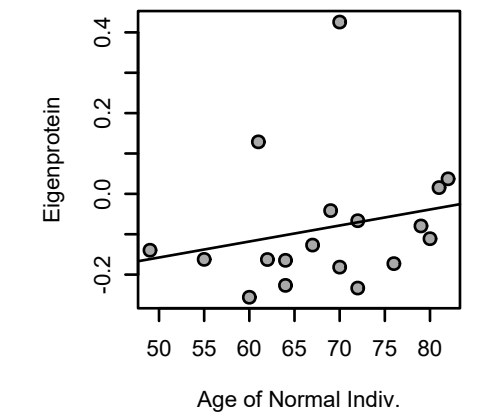
M24 darkgrey
Ubiquitination
ANOVA $p = 0.021$



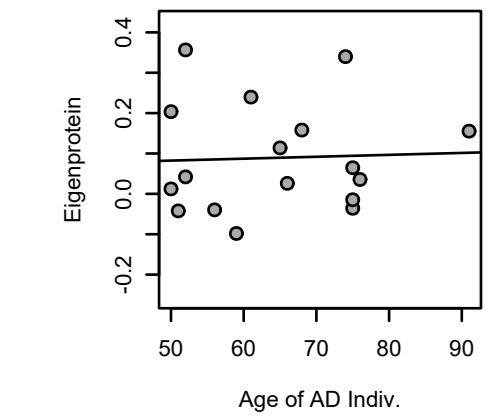
M24 darkgrey
bicor=-0.0016, $p=0.99$
cor=-0.049, $p=0.78$



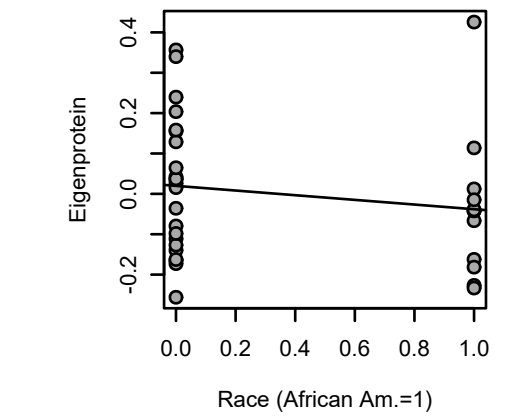
M24 darkgrey
bicor=0.38, $p=0.12$
cor=0.23, $p=0.36$



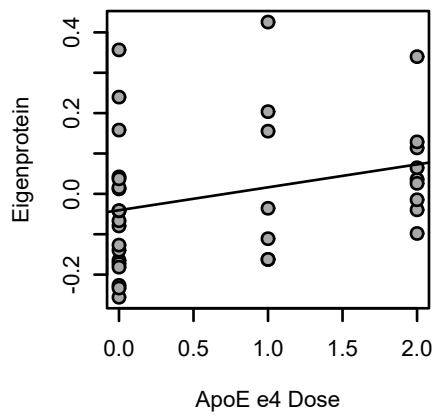
M24 darkgrey
bicor=0.049, $p=0.85$
cor=0.042, $p=0.87$



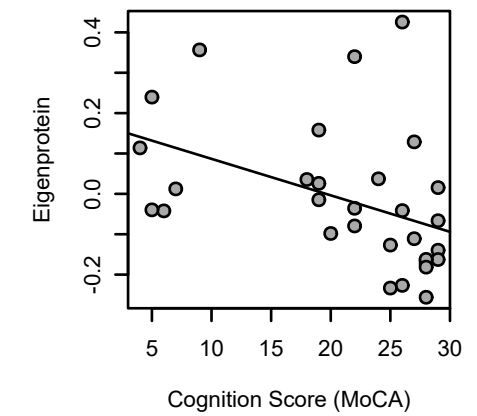
M24 darkgrey
bicor=-0.2, $p=0.25$
cor=-0.16, $p=0.36$



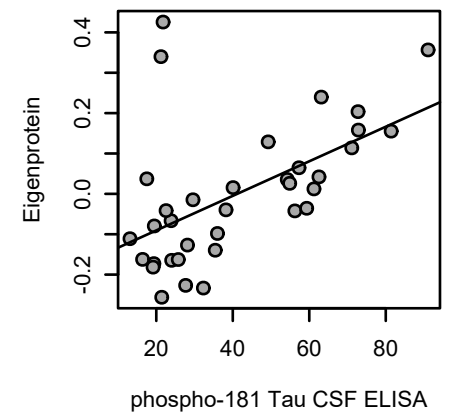
M24 darkgrey
bicor=0.31, $p=0.069$
cor=0.28, $p=0.1$



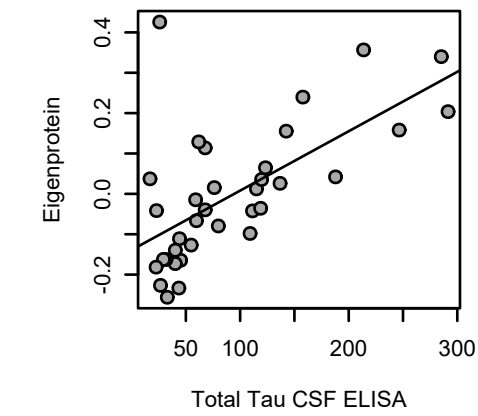
M24 darkgrey
bicor=-0.54, $p=0.0015$
cor=-0.43, $p=0.016$



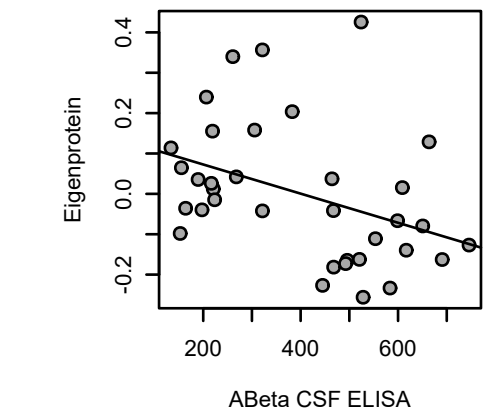
M24 darkgrey
bicor=0.62, $p=6.7e-05$
cor=0.54, $p=0.00081$



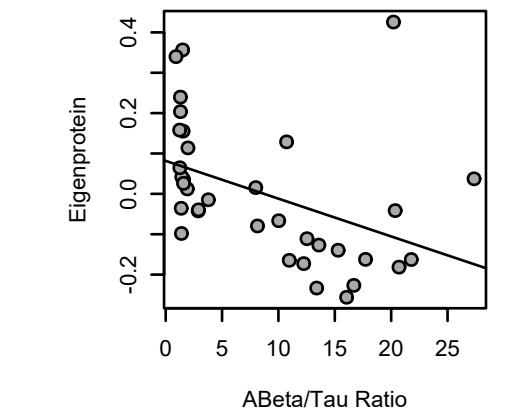
M24 darkgrey
bicor=0.68, $p=6.1e-06$
cor=0.64, $p=3.5e-05$



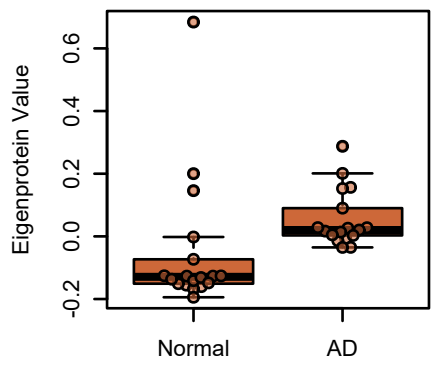
M24 darkgrey
bicor=-0.48, $p=0.0038$
cor=-0.39, $p=0.021$



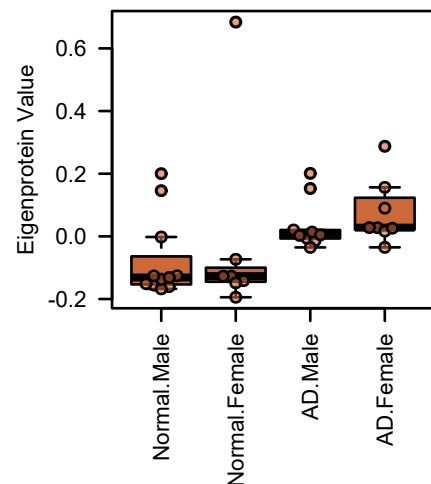
M24 darkgrey
bicor=-0.51, $p=0.0017$
cor=-0.43, $p=0.0099$



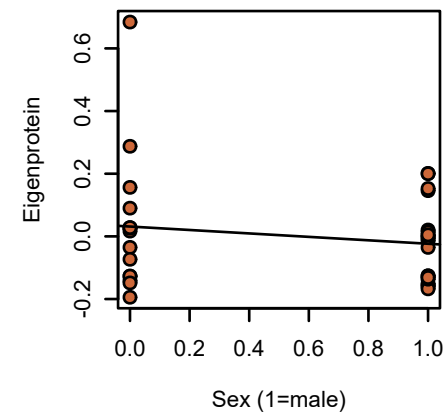
M35 sienna3
Age+Sex-disc. $p = 0.21$
Sex-discounted $p = 0.13$



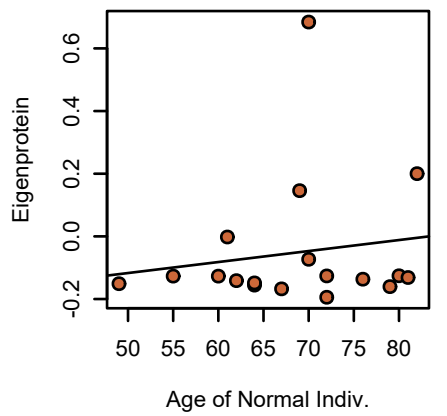
M35 sienna3
Ambiguous
ANOVA $p = 0.35$



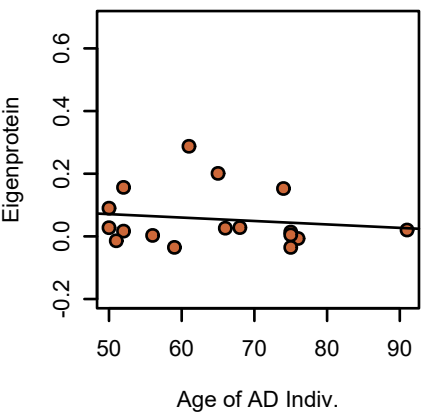
bicor=-0.096, p=0.58
cor=-0.16, p=0.36



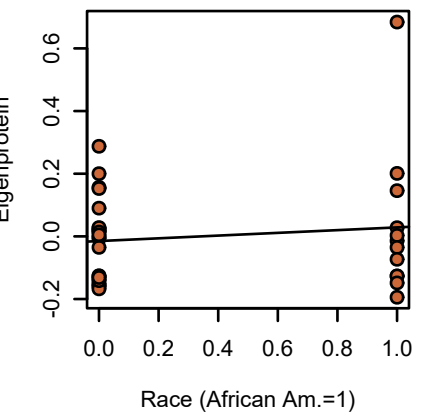
bicor=-0.037, p=0.88
cor=0.15, p=0.55



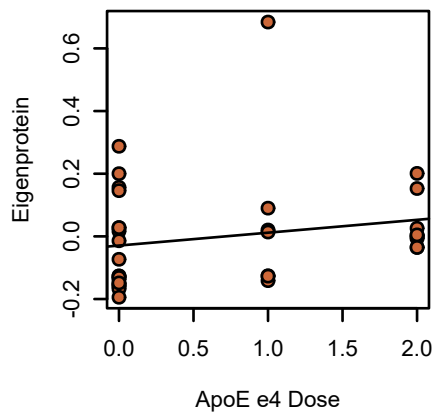
bicor=-0.18, p=0.48
cor=-0.14, p=0.59



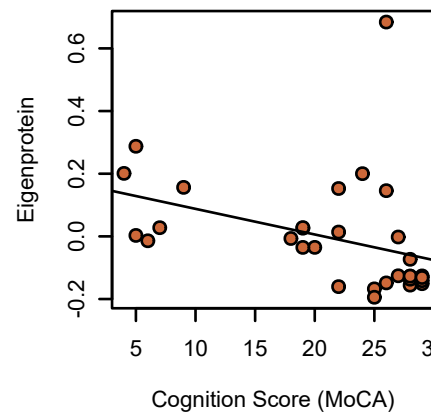
bicor=0.03, p=0.87
cor=0.12, p=0.49



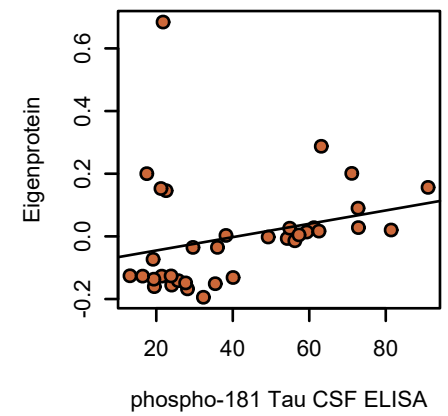
bicor=0.25, p=0.16
cor=0.21, p=0.23



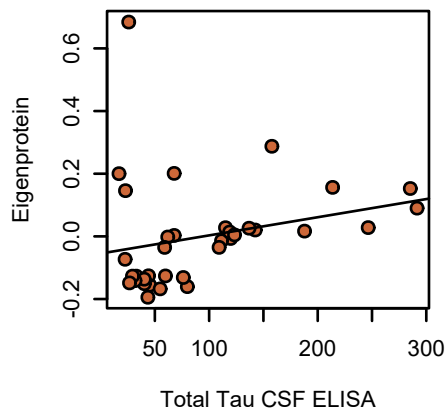
bicor=-0.57, p=0.00077
cor=-0.37, p=0.04



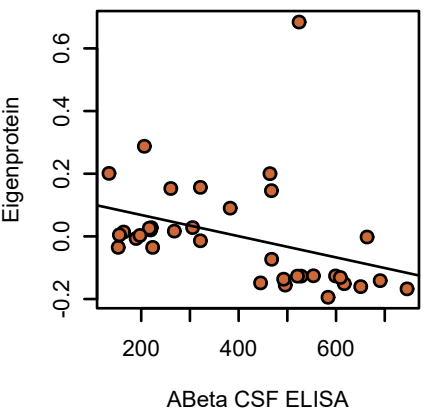
bicor=0.41, p=0.014
cor=0.27, p=0.12



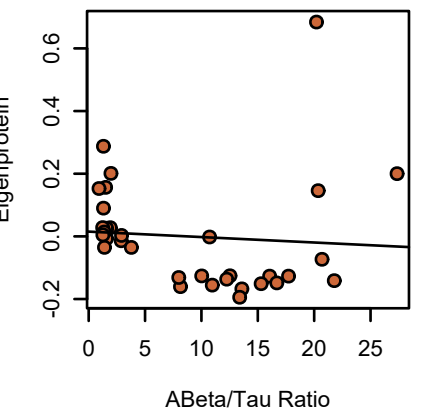
bicor=0.38, p=0.024
cor=0.25, p=0.15



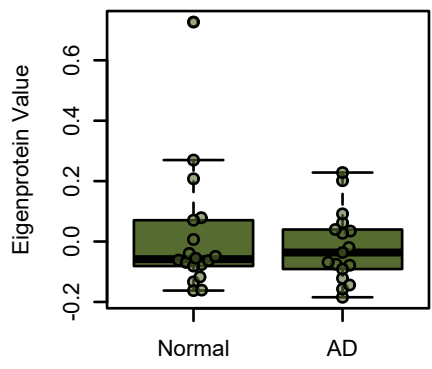
bicor=-0.52, p=0.0014
cor=-0.36, p=0.034



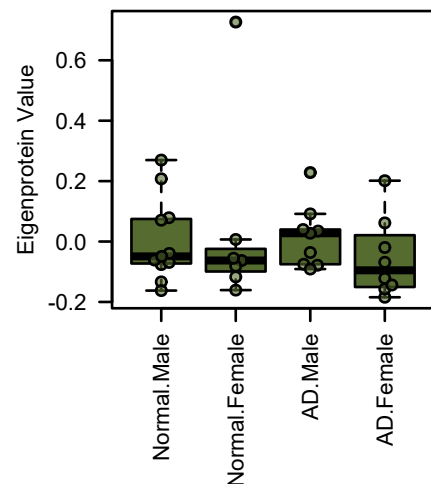
bicor=-0.29, p=0.087
cor=-0.079, p=0.65



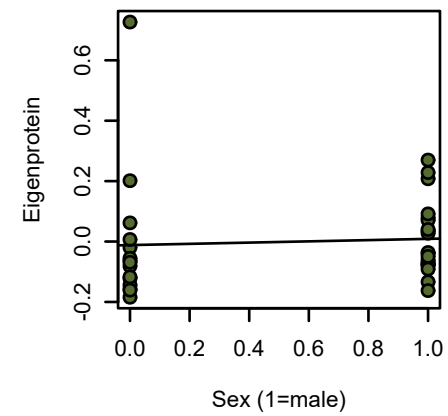
M33 darkolivegreen
Age+Sex-disc. $p = 0.5$
Sex-discounted $p = 0.82$



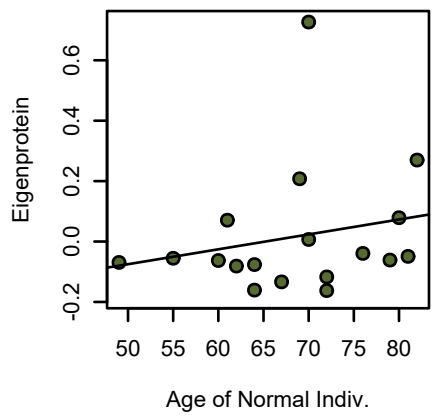
M33 darkolivegreen
Translation/Sugar Binding
ANOVA $p = 0.61$



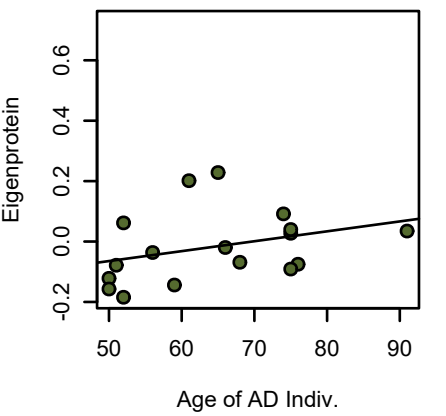
bicor=0.32, p=0.063
cor=0.06, p=0.73



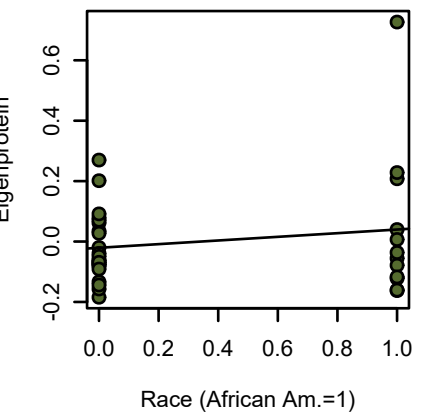
bicor=0.25, p=0.32
cor=0.21, p=0.4



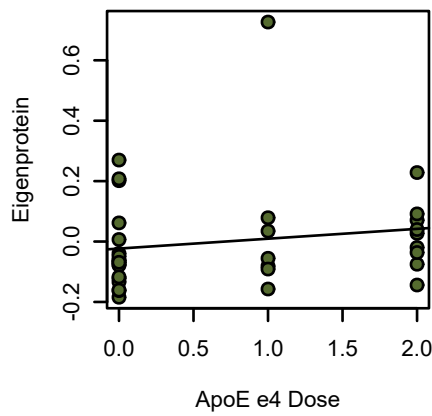
bicor=0.37, p=0.15
cor=0.33, p=0.2



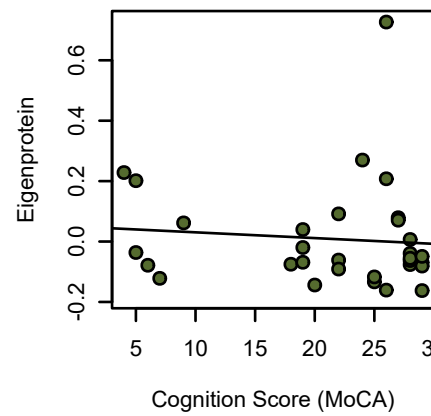
bicor=-0.038, p=0.83
cor=0.17, p=0.33



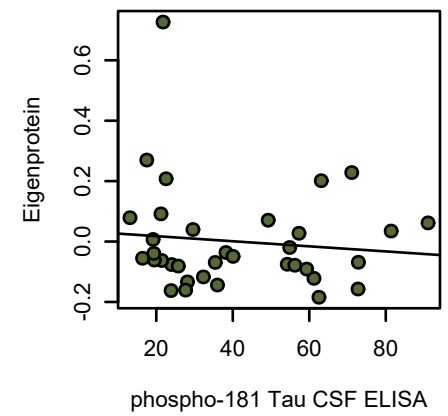
bicor=0.22, p=0.2
cor=0.16, p=0.36



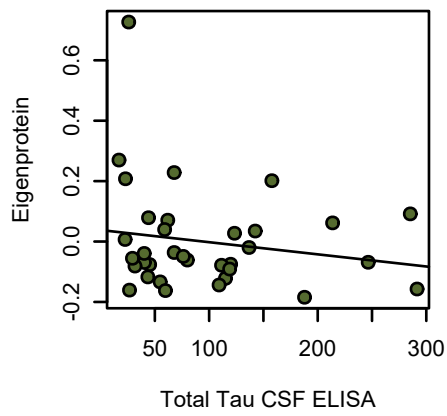
bicor=-0.19, p=0.3
cor=-0.09, p=0.63



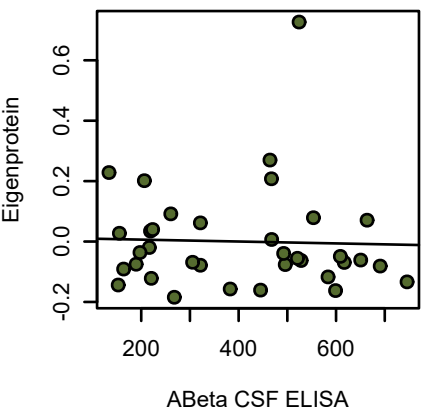
bicor=0.065, p=0.71
cor=-0.11, p=0.53



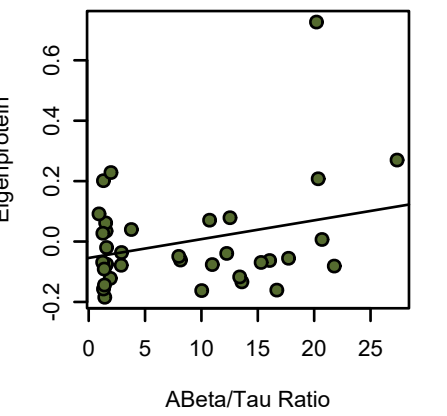
bicor=0.021, p=0.91
cor=-0.18, p=0.3



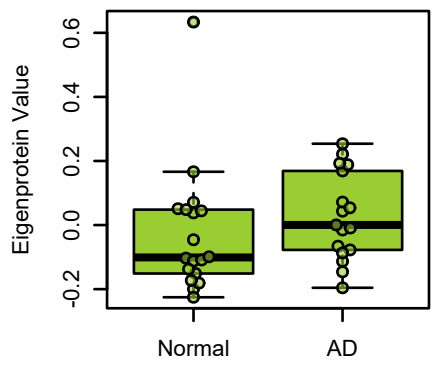
bicor=-0.23, p=0.19
cor=-0.034, p=0.85



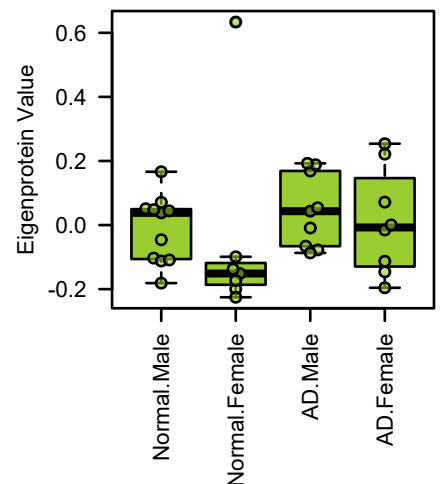
bicor=0.071, p=0.68
cor=0.28, p=0.1



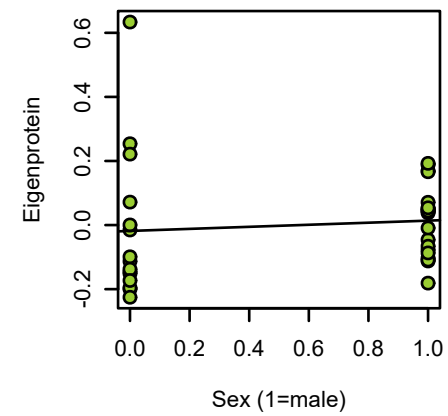
M36 yellowgreen
Age+Sex-disc. $p = 0.2$
Sex-discounted $p = 0.53$



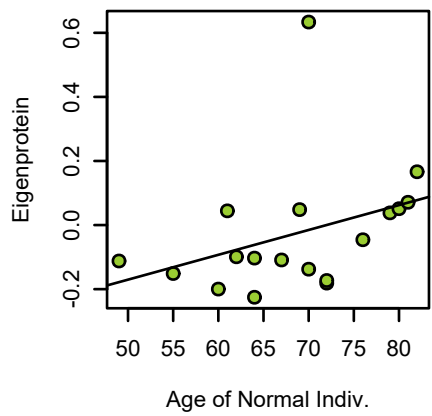
M36 yellowgreen
Organelle Organization/Biogenesis
ANOVA $p = 0.31$



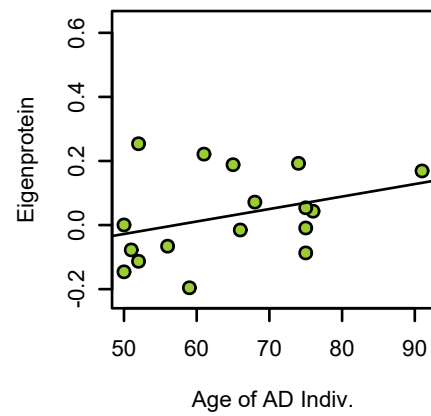
bicor=0.27, p=0.12
cor=0.094, p=0.59



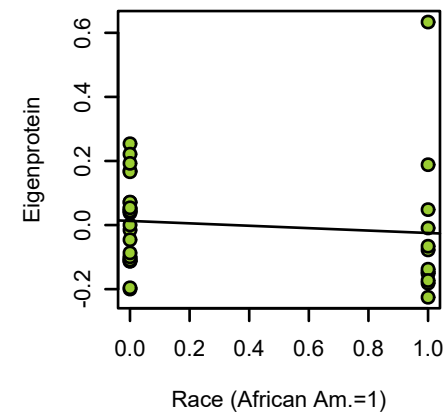
bicor=0.53, p=0.024
cor=0.36, p=0.14



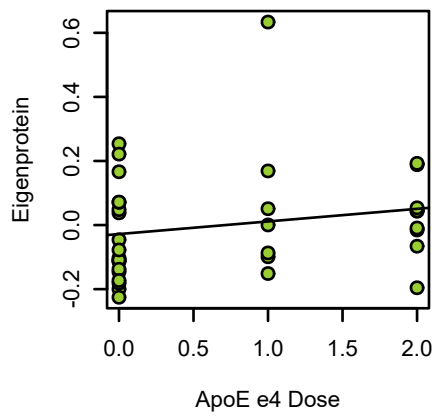
bicor=0.35, p=0.17
cor=0.34, p=0.18



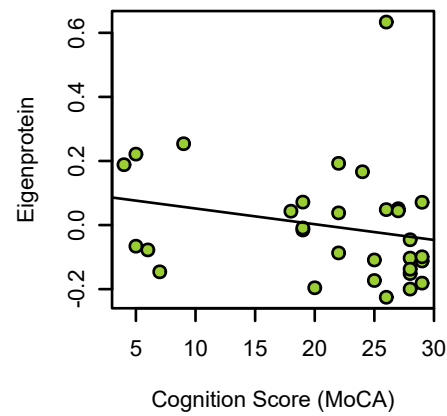
bicor=-0.3, p=0.081
cor=-0.11, p=0.53



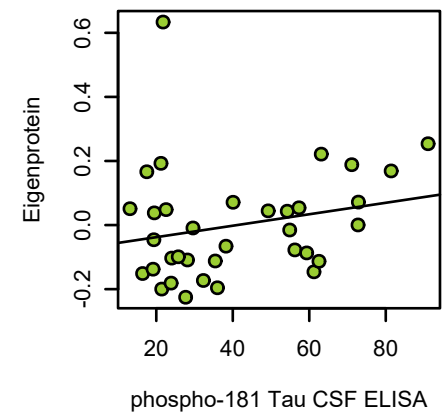
bicor=0.23, p=0.19
cor=0.2, p=0.25



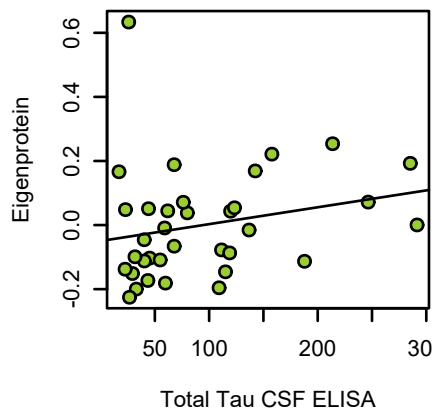
bicor=-0.39, p=0.03
cor=-0.23, p=0.21



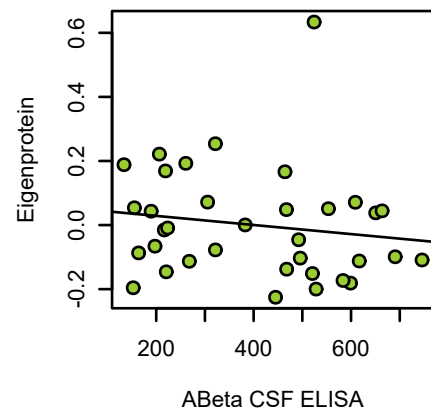
bicor=0.34, p=0.046
cor=0.23, p=0.18



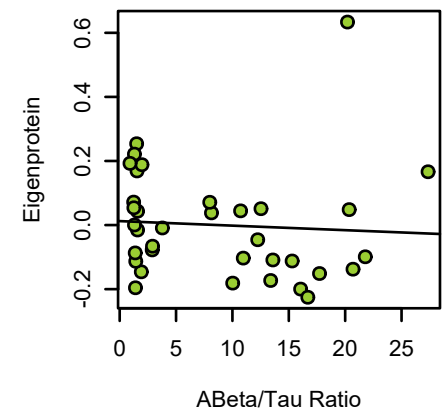
bicor=0.37, p=0.031
cor=0.23, p=0.18



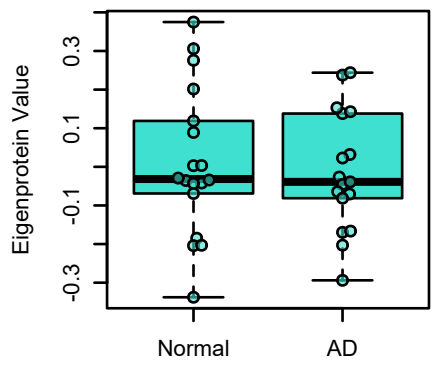
bicor=-0.26, p=0.13
cor=-0.15, p=0.39



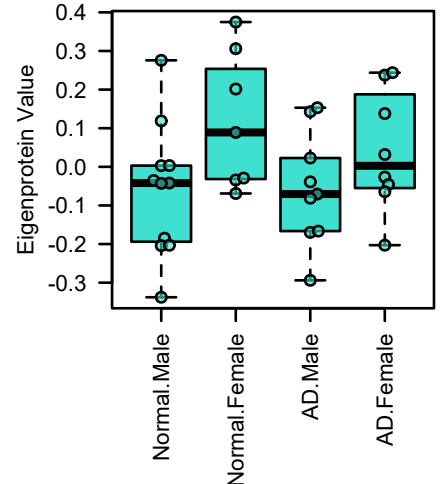
bicor=-0.28, p=0.1
cor=-0.065, p=0.71



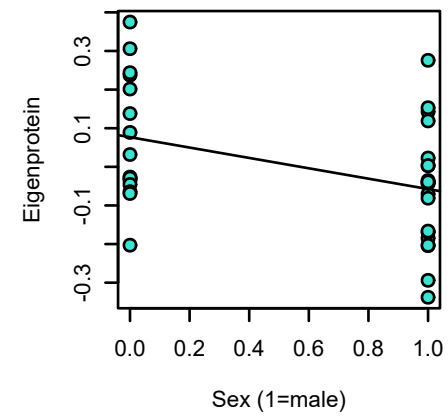
M1 turquoise
Age+Sex-disc. $p = 0.0043$
Sex-discounted $p = 0.057$



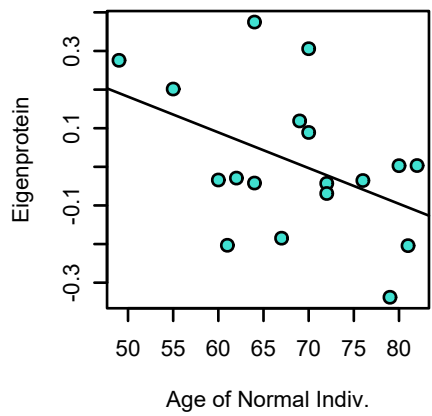
M1 turquoise
Immune Response
ANOVA $p = 0.0045$



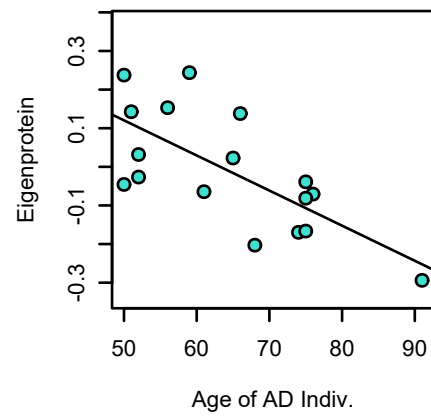
bicor=-0.38, p=0.024
cor=-0.39, p=0.021



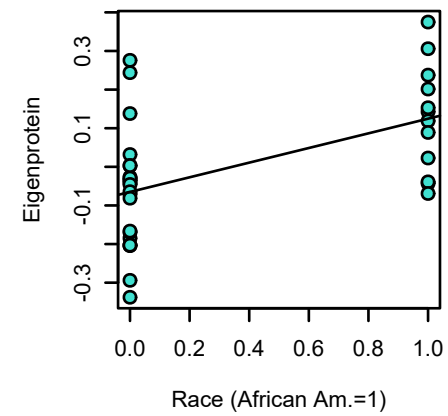
bicor=-0.44, p=0.067
cor=-0.45, p=0.061



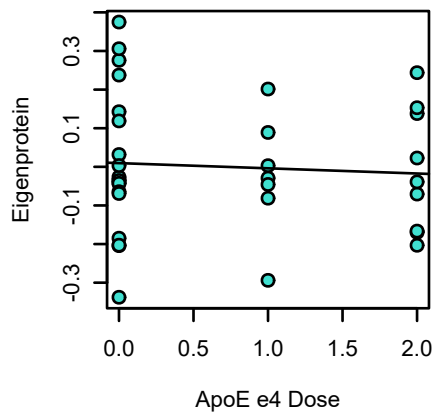
bicor=-0.7, p=0.0017
cor=-0.71, p=0.0014



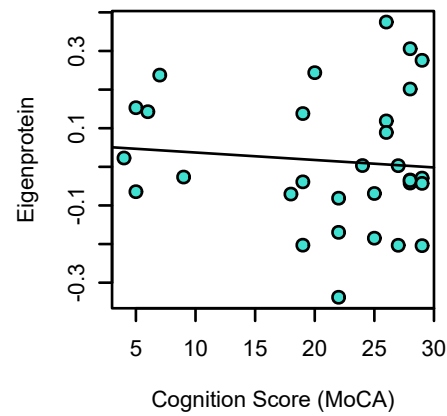
bicor=0.53, p=0.0011
cor=0.53, p=0.0011



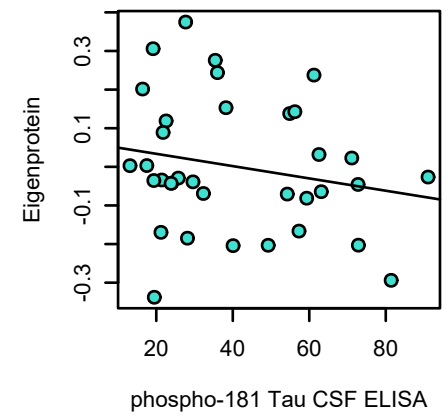
bicor=-0.057, p=0.75
cor=-0.067, p=0.7



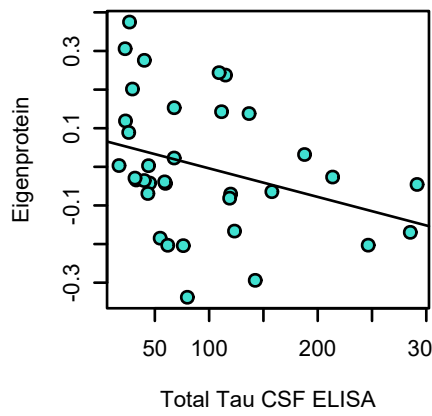
bicor=-0.019, p=0.92
cor=-0.094, p=0.61



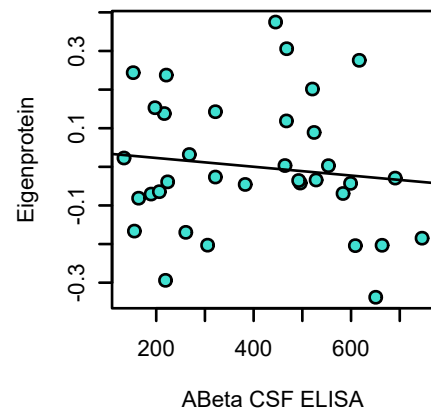
bicor=-0.14, p=0.43
cor=-0.2, p=0.25



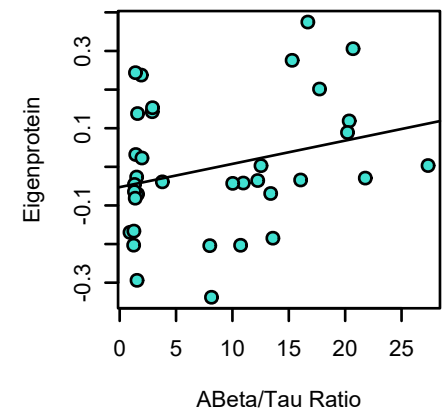
bicor=-0.25, p=0.15
cor=-0.32, p=0.061

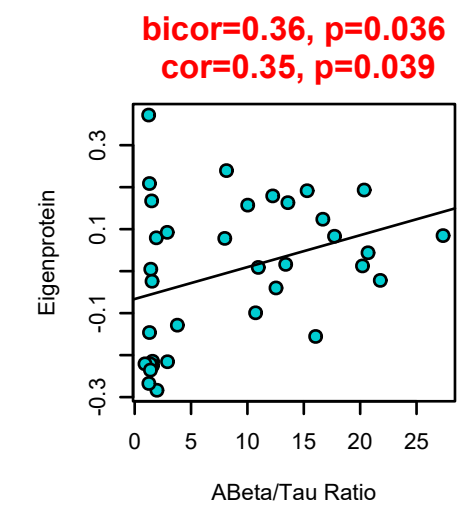
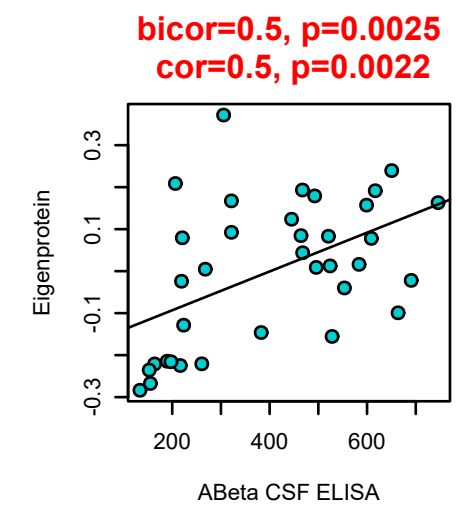
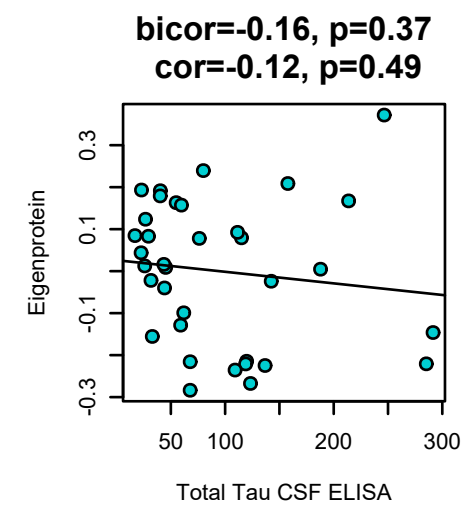
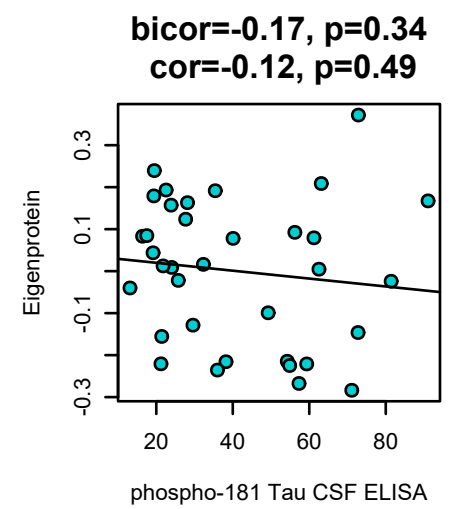
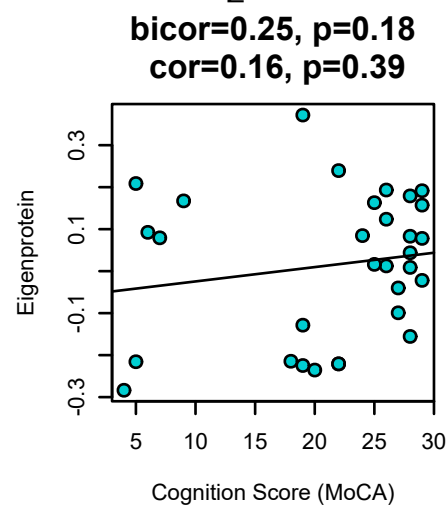
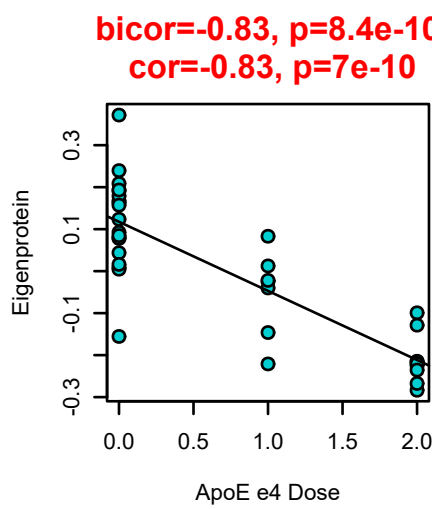
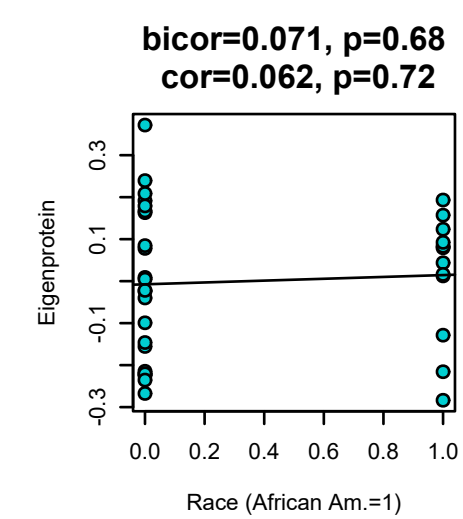
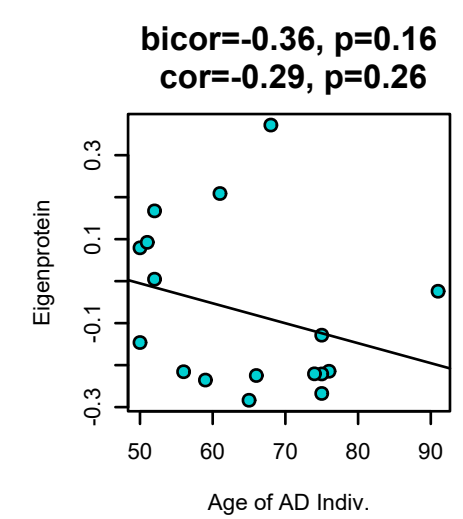
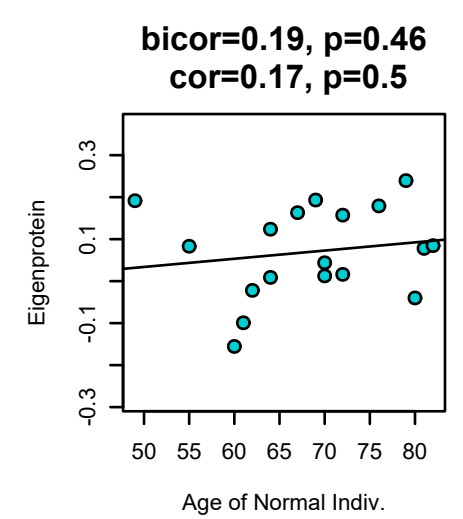
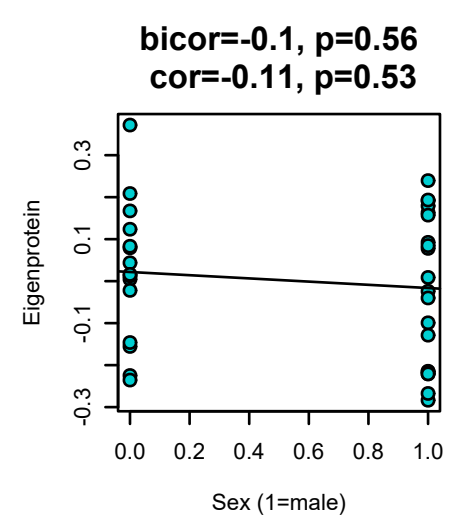
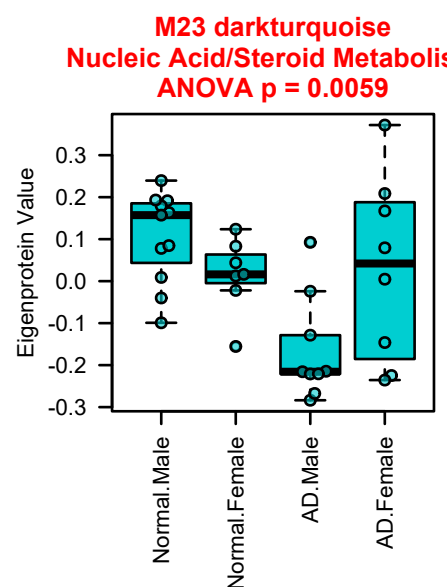
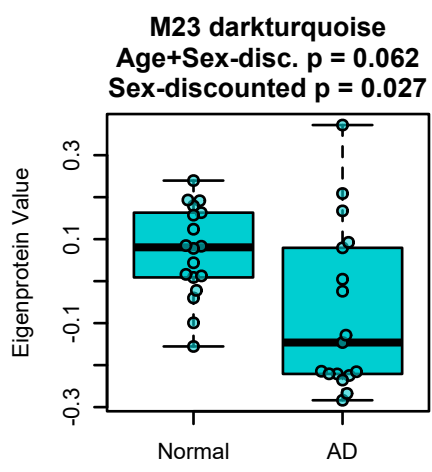
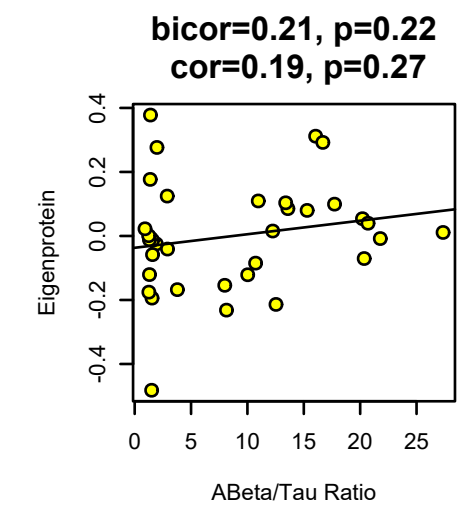
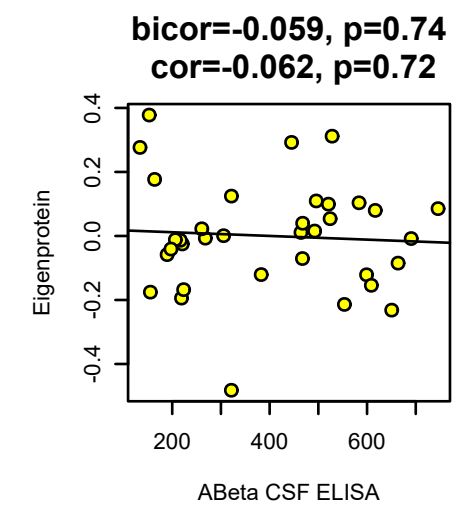
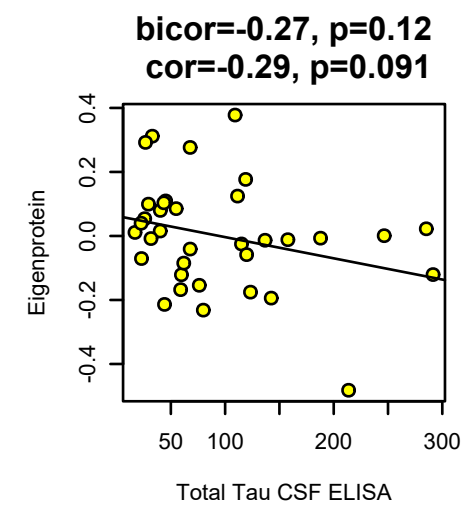
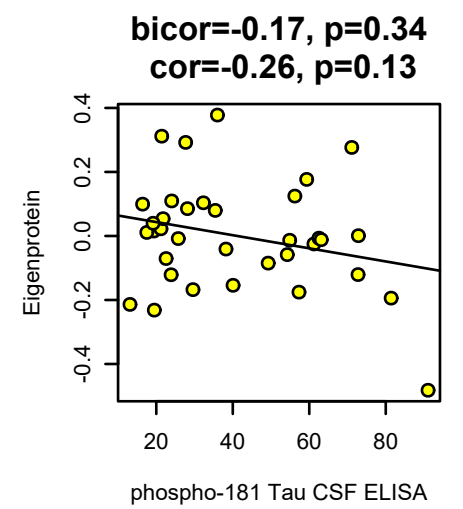
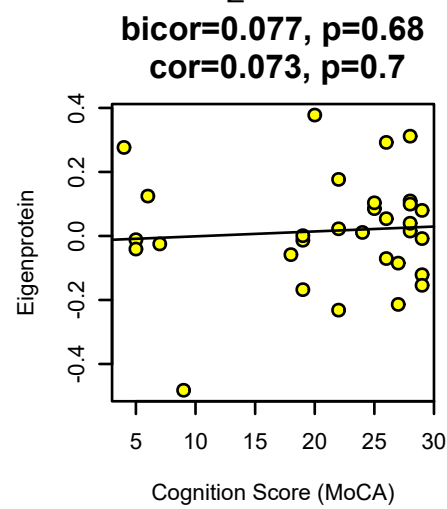
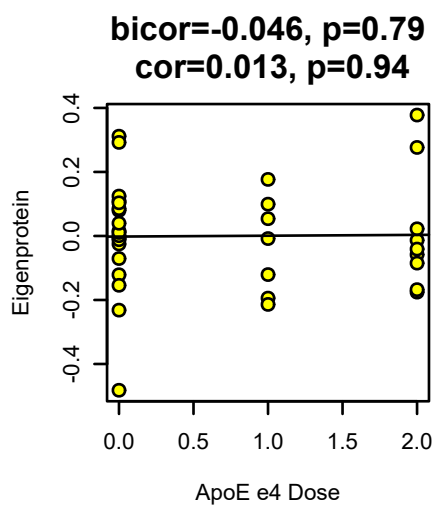
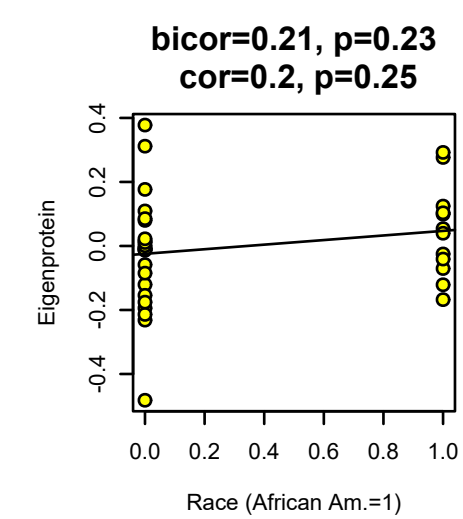
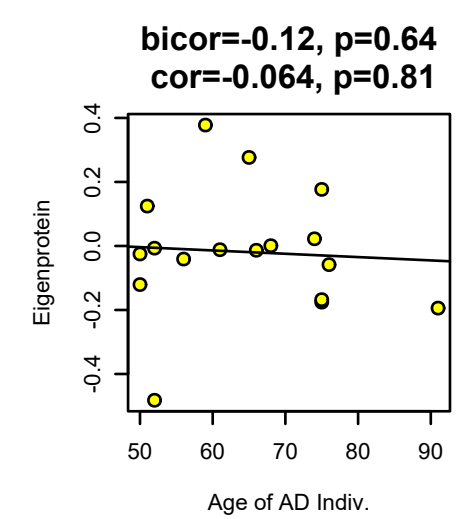
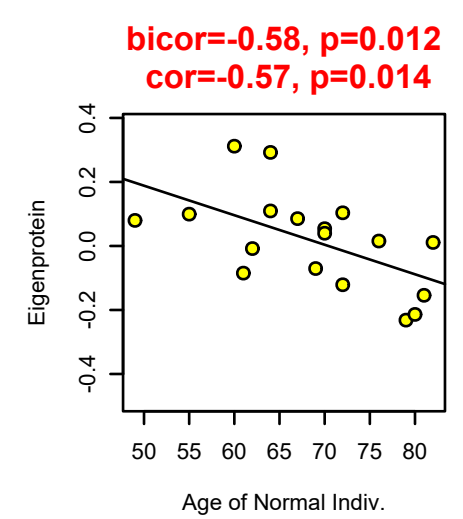
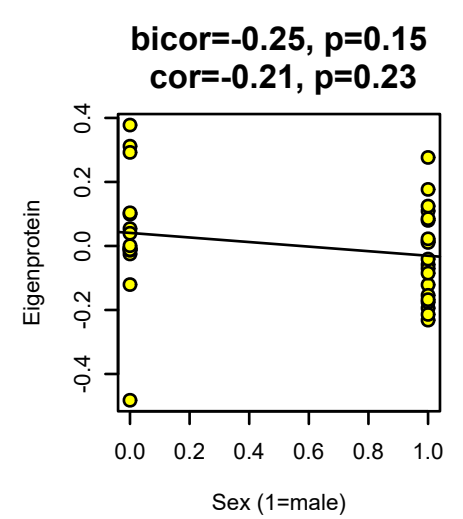
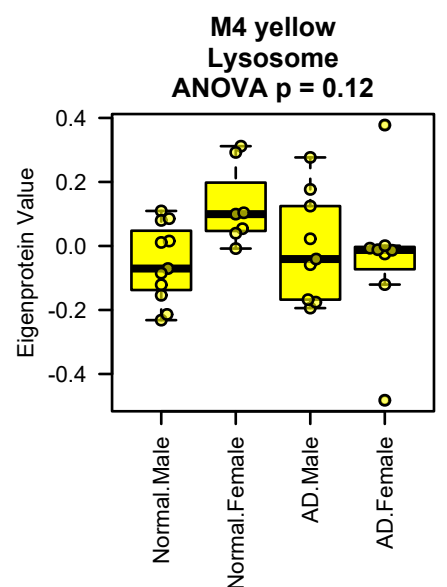
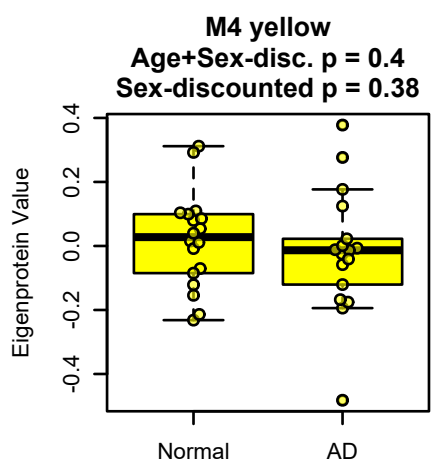


bicor=-0.17, p=0.34
cor=-0.12, p=0.49

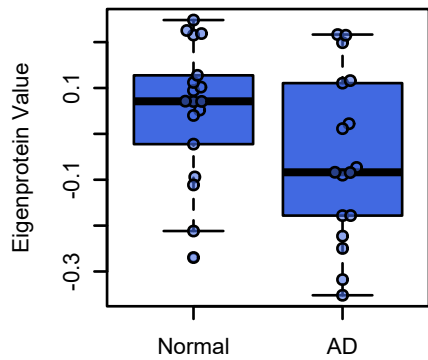


bicor=0.28, p=0.11
cor=0.28, p=0.1

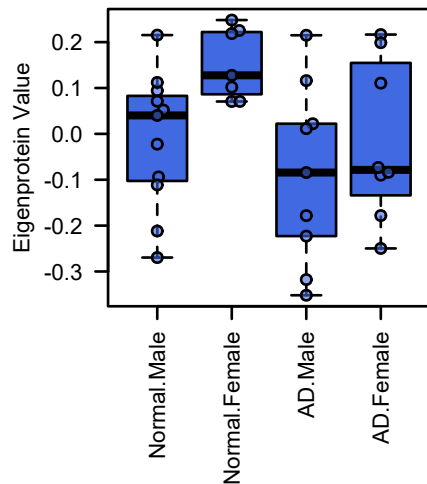




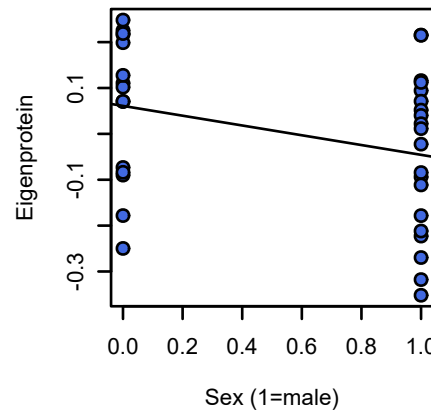
M20 royalblue
Age+Sex-disc. $p = 0.029$
Sex-discounted $p = 0.02$



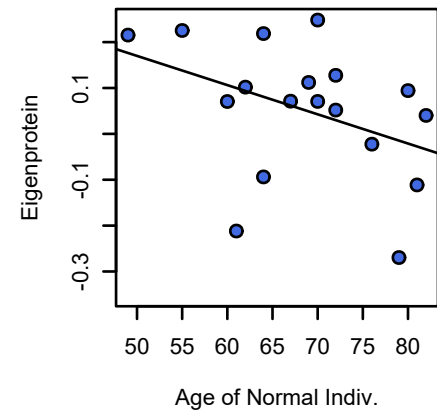
M20 royalblue
Ambiguous
ANOVA $p = 0.053$



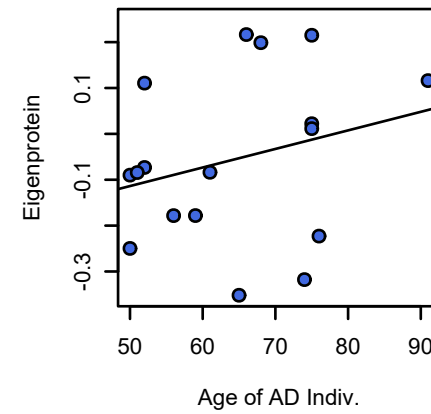
bicor=-0.3, p=0.078
cor=-0.31, p=0.07



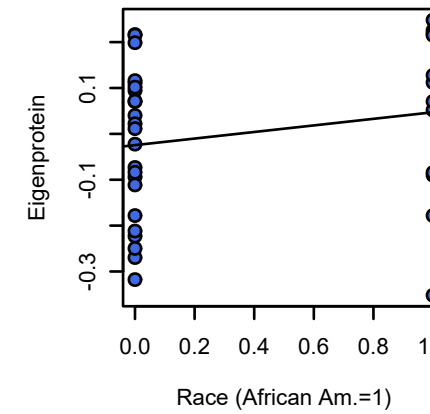
bicor=-0.41, p=0.092
cor=-0.4, p=0.1



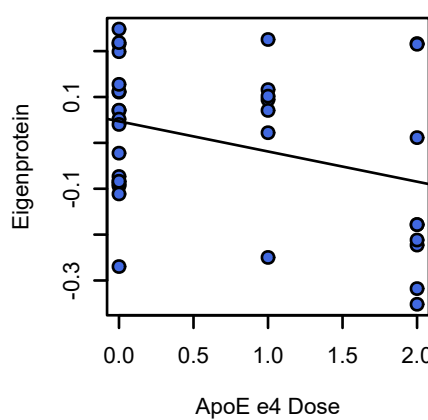
bicor=0.25, p=0.33
cor=0.27, p=0.29



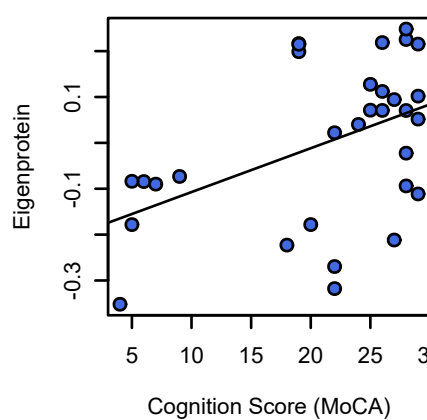
bicor=0.21, p=0.23
cor=0.2, p=0.25



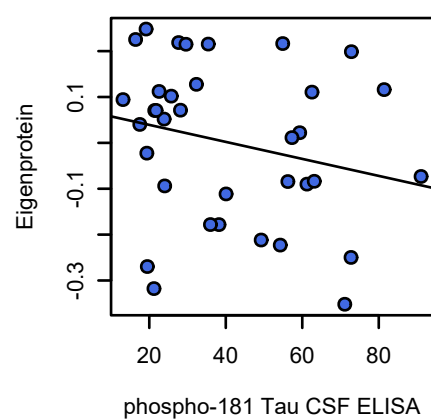
bicor=-0.3, p=0.078
cor=-0.33, p=0.053



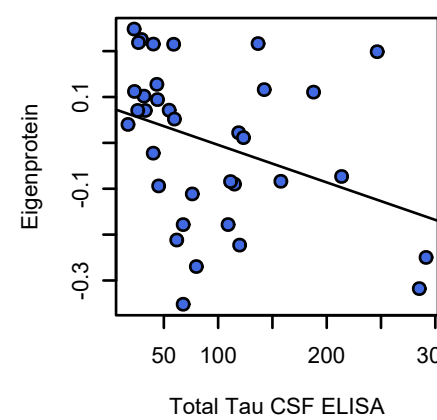
bicor=0.37, p=0.041
cor=0.46, p=0.0092



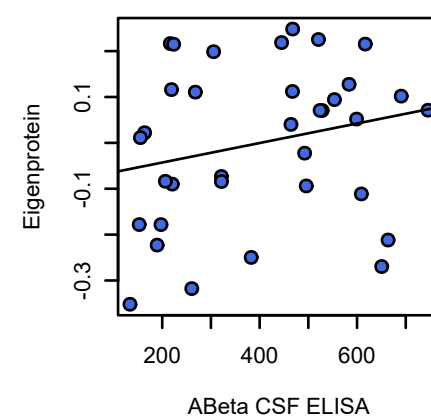
bicor=-0.28, p=0.098
cor=-0.23, p=0.18



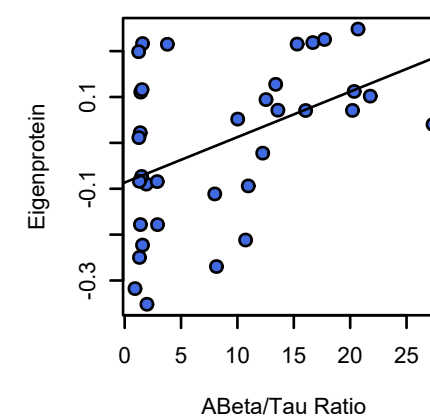
bicor=-0.37, p=0.028
cor=-0.36, p=0.034



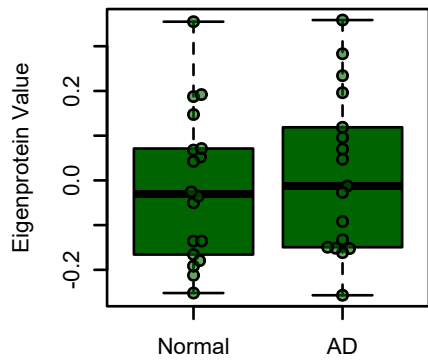
bicor=0.26, p=0.13
cor=0.23, p=0.18



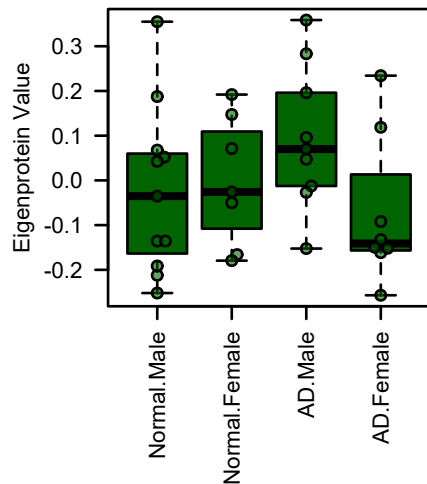
bicor=0.44, p=0.0089
cor=0.45, p=0.0067



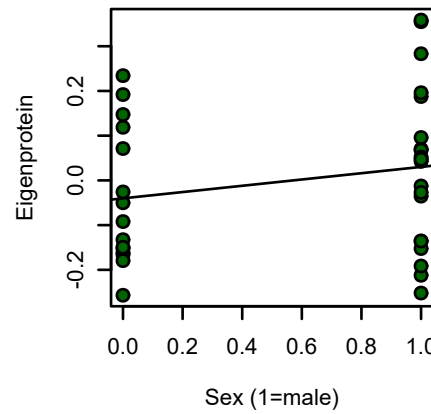
M22 darkgreen
Age+Sex-disc. $p = 0.019$
Sex-discounted $p = 0.41$



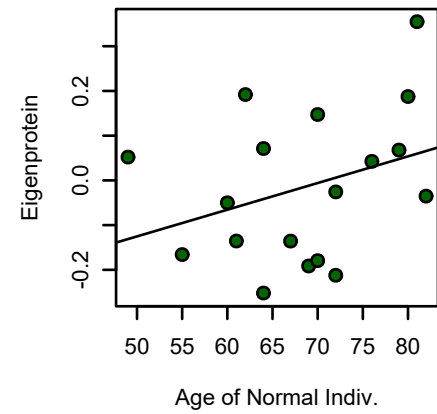
M22 darkgreen
ECM/Actin Binding
ANOVA $p = 0.023$



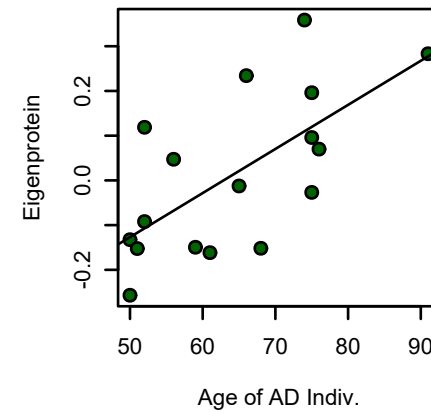
bicor=0.2, p=0.26
cor=0.21, p=0.23



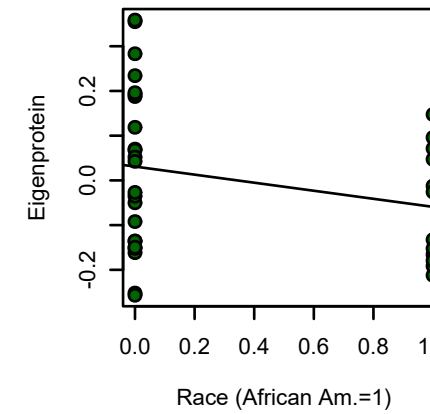
bicor=0.32, p=0.19
cor=0.33, p=0.18



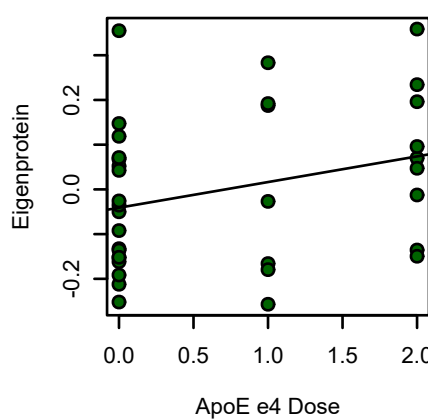
bicor=0.64, p=0.0057
cor=0.66, p=0.0039



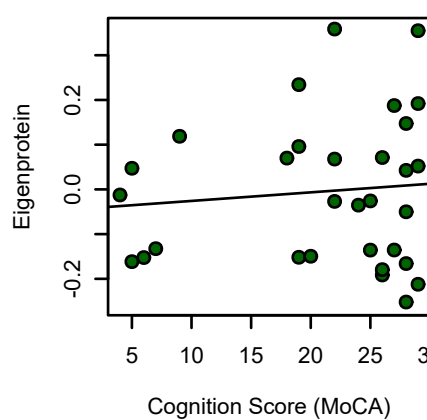
bicor=-0.24, p=0.16
cor=-0.25, p=0.15



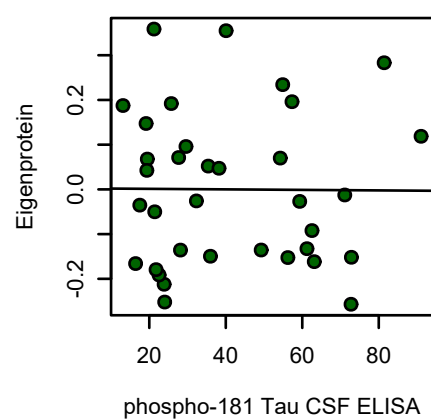
bicor=0.29, p=0.095
cor=0.29, p=0.091



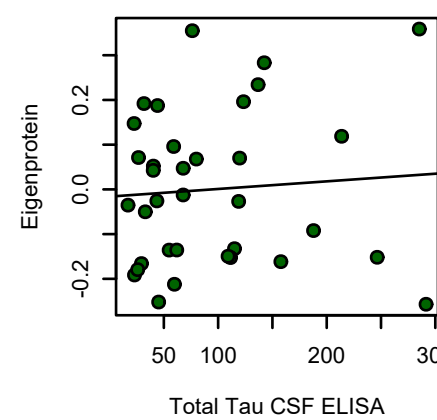
bicor=-0.05, p=0.79
cor=0.097, p=0.6



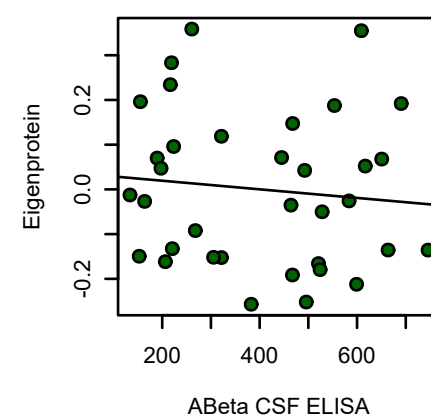
bicor=0.0057, p=0.97
cor=-0.0073, p=0.97



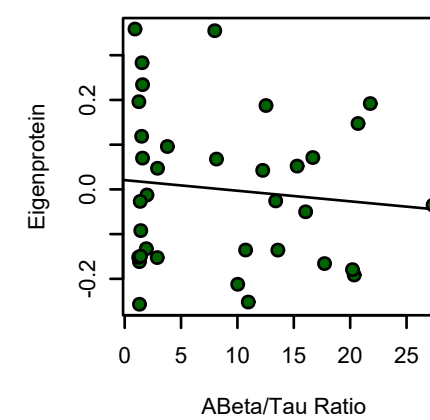
bicor=0.11, p=0.52
cor=0.074, p=0.67

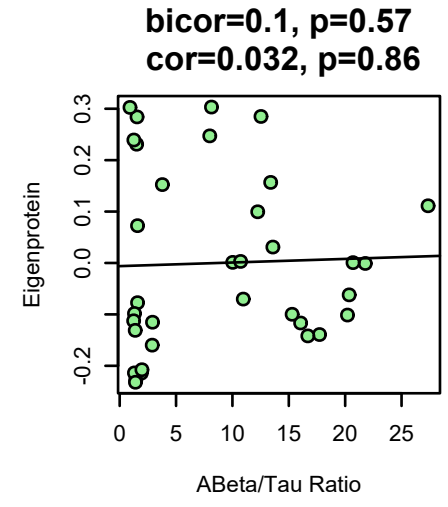
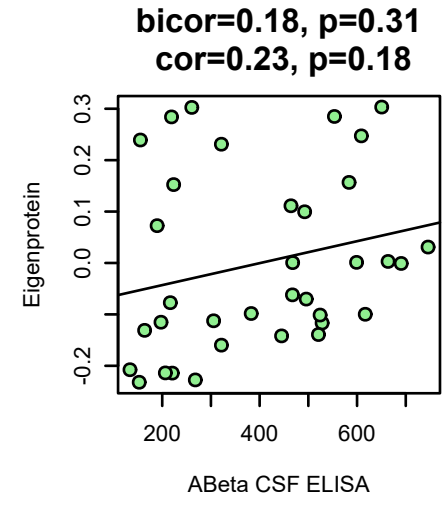
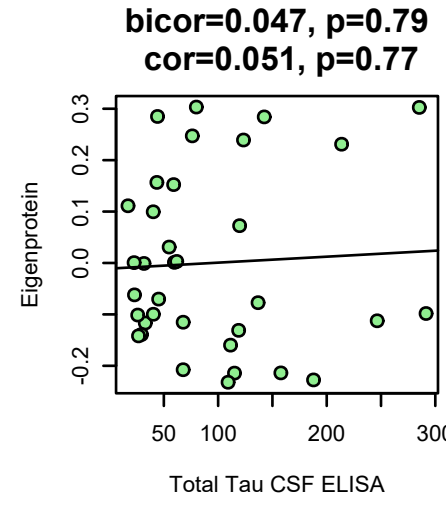
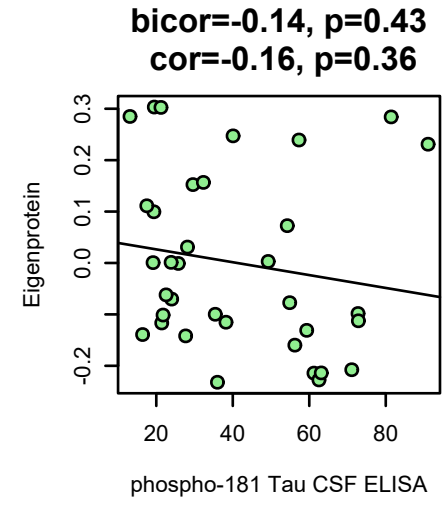
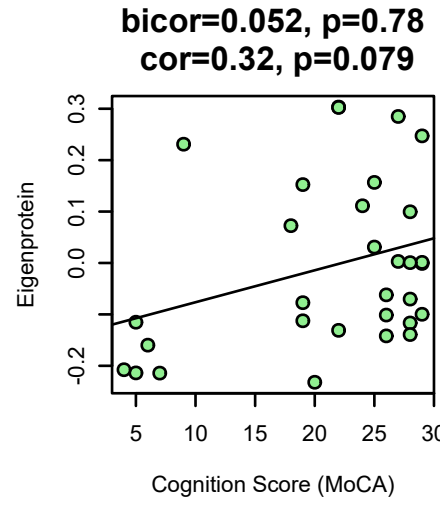
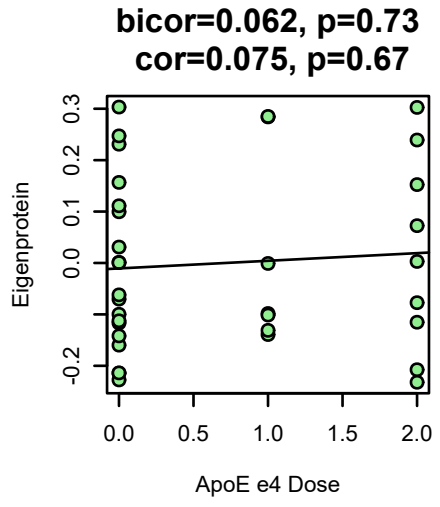
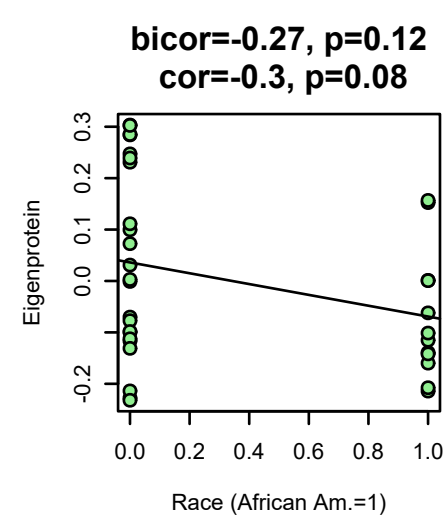
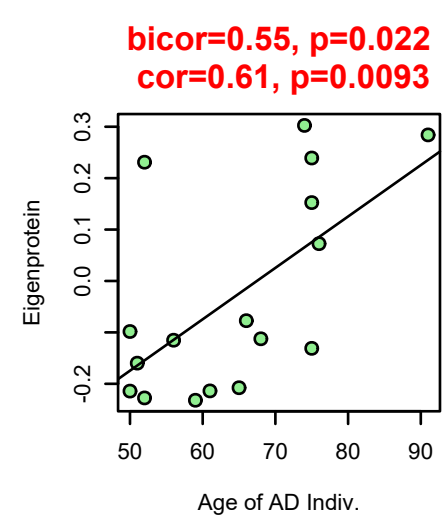
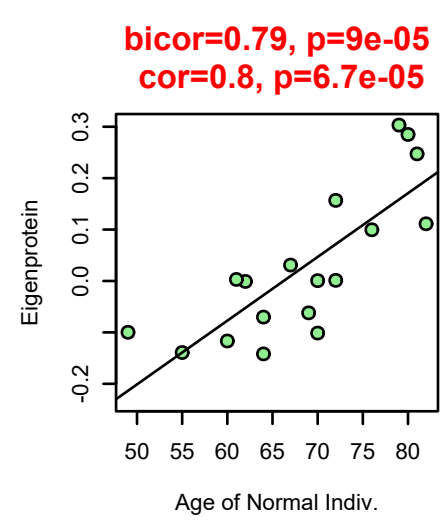
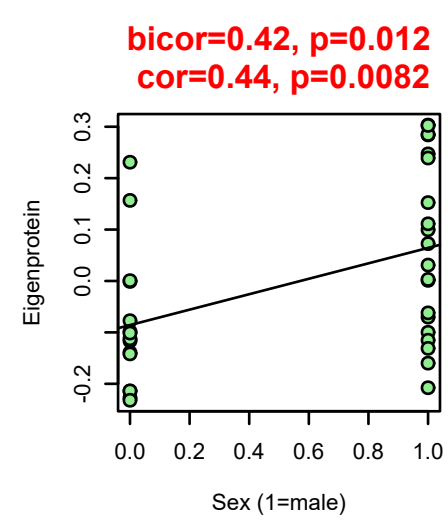
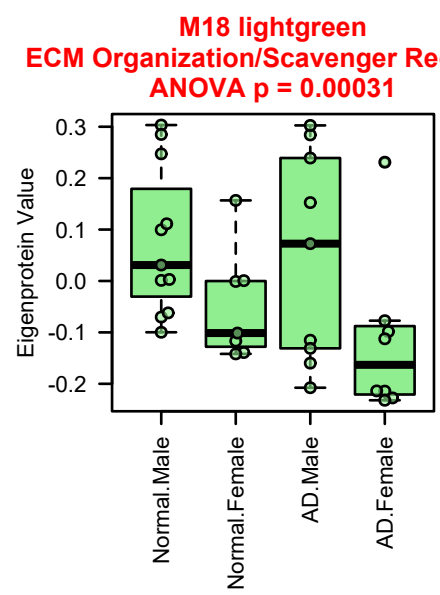
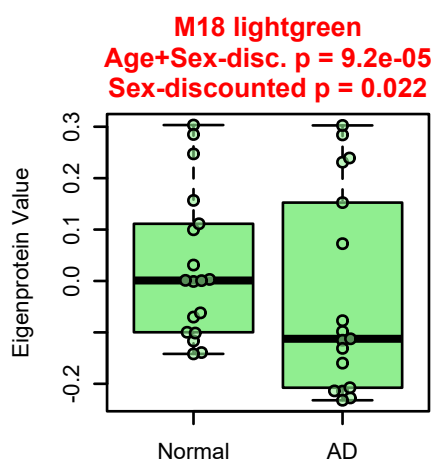
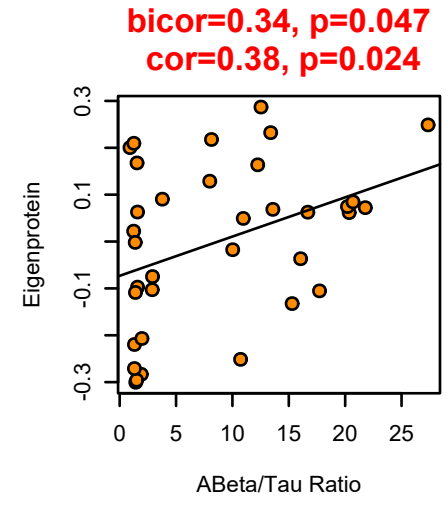
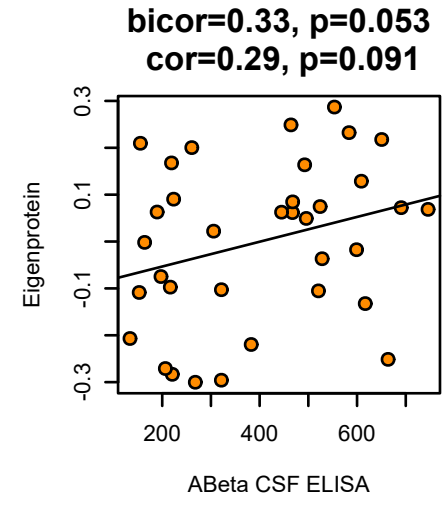
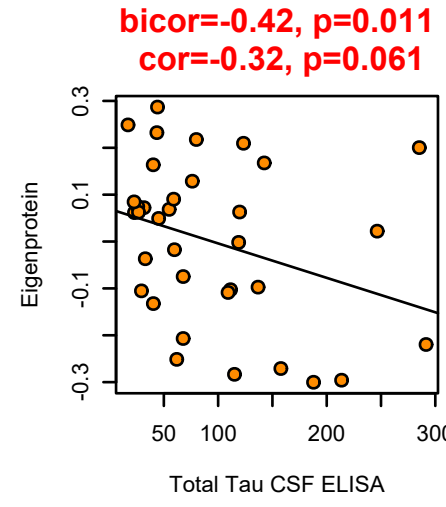
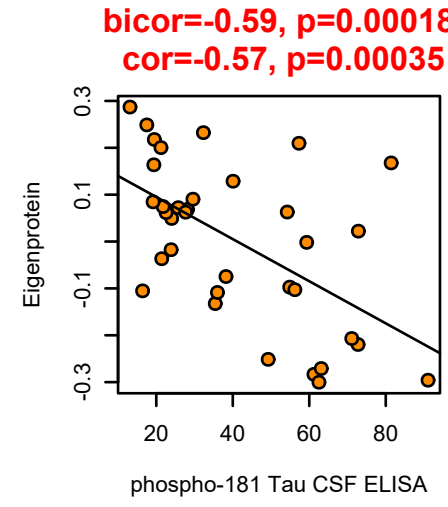
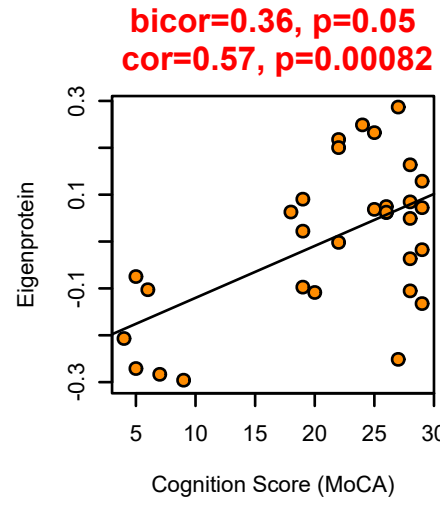
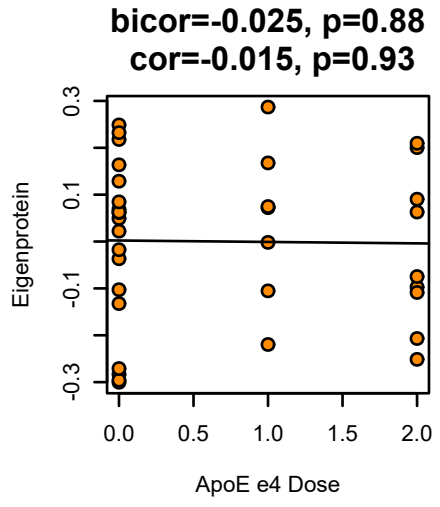
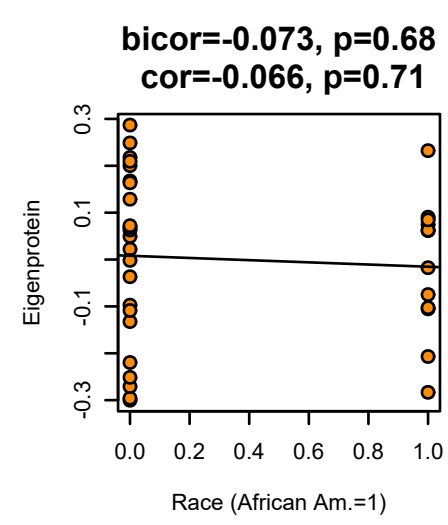
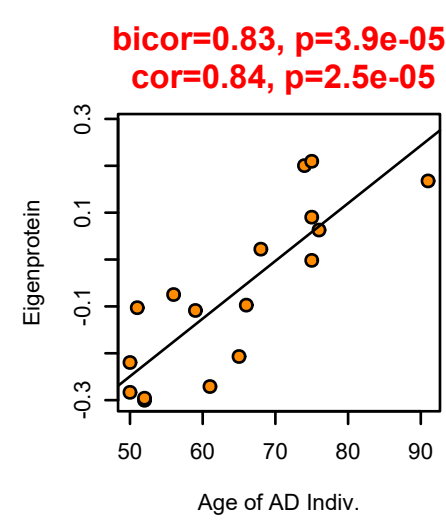
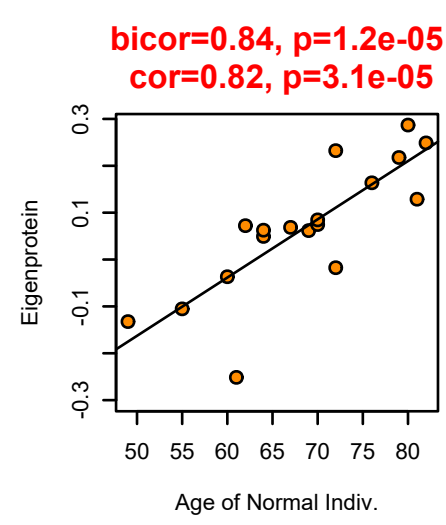
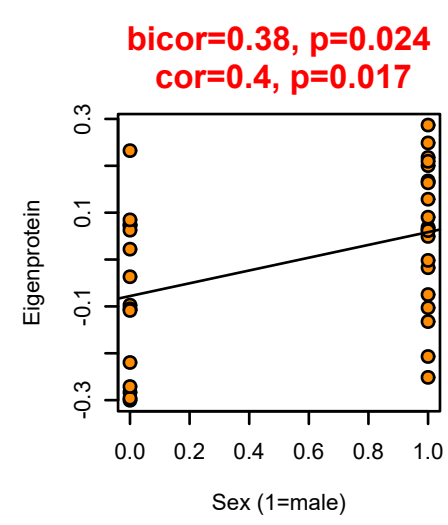
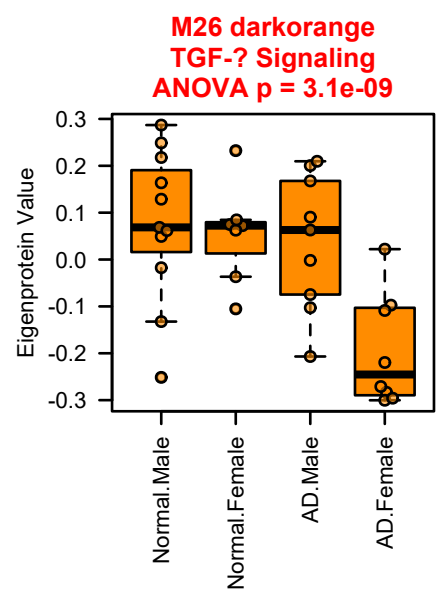
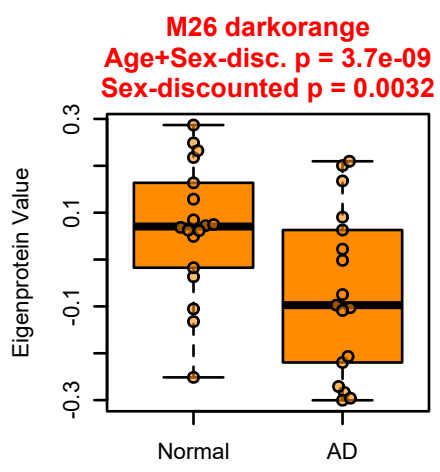


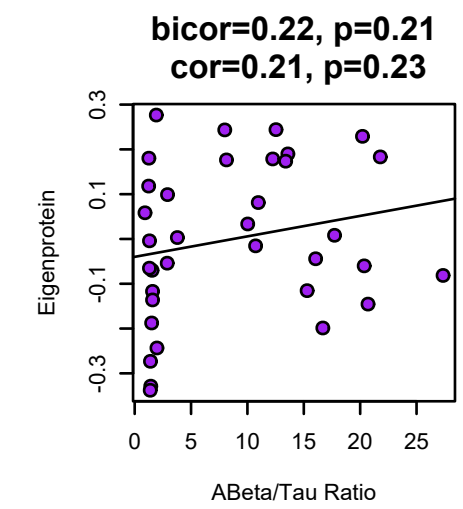
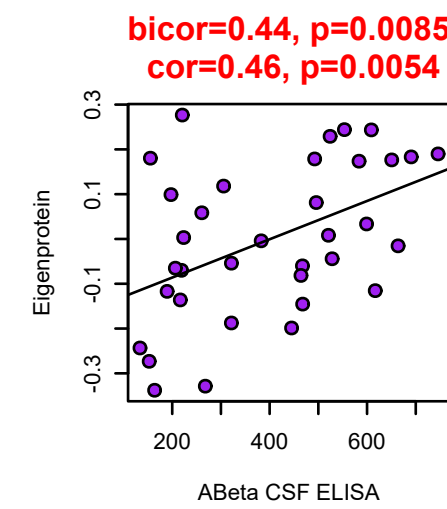
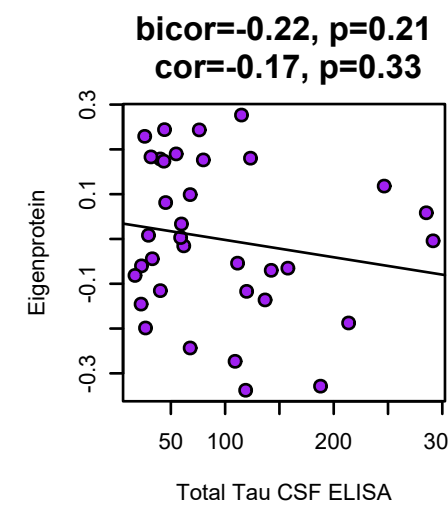
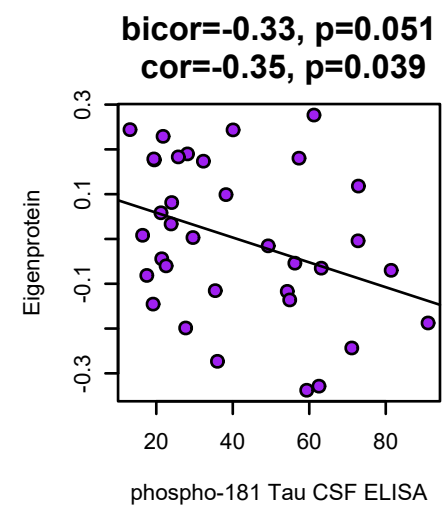
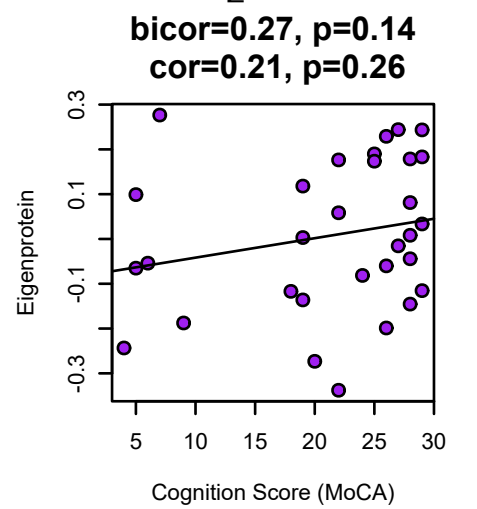
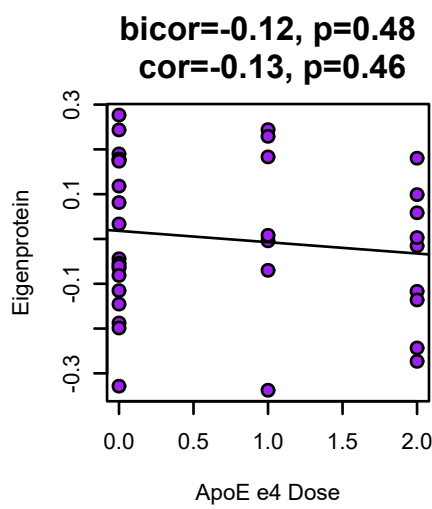
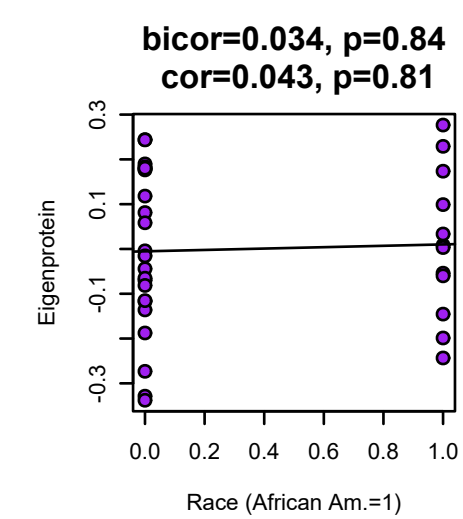
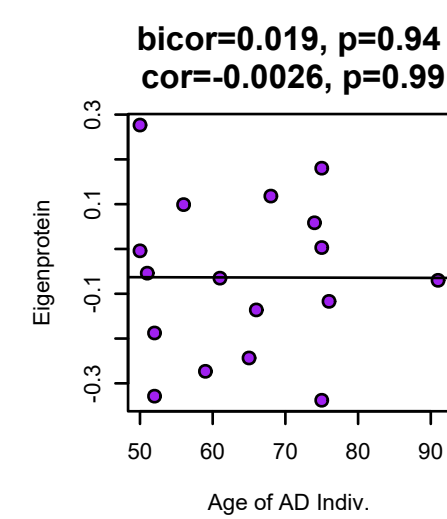
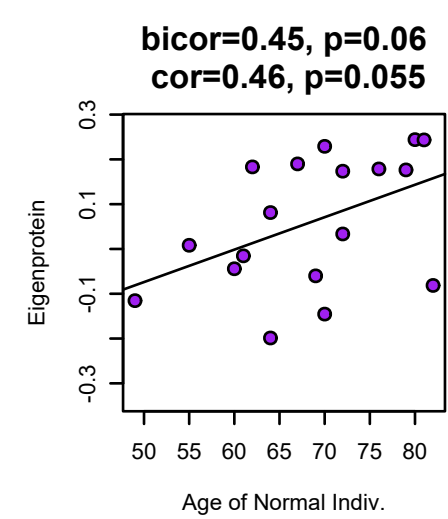
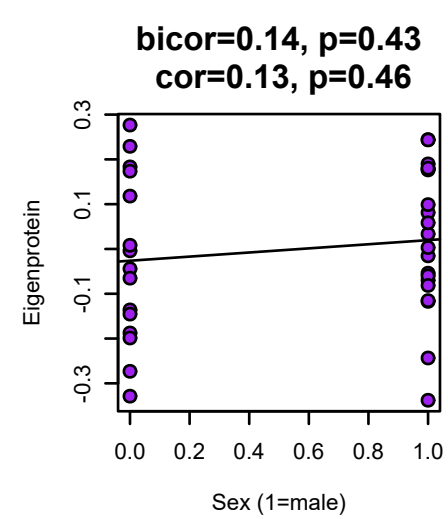
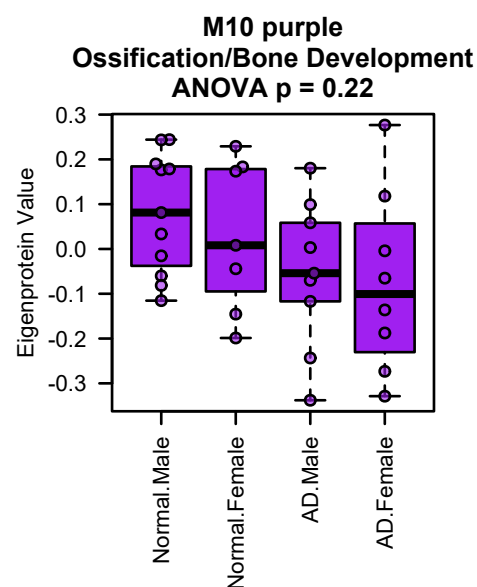
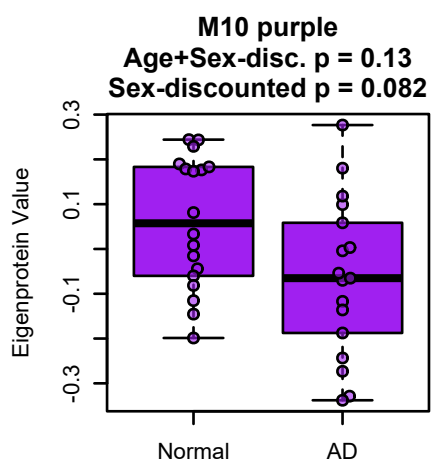
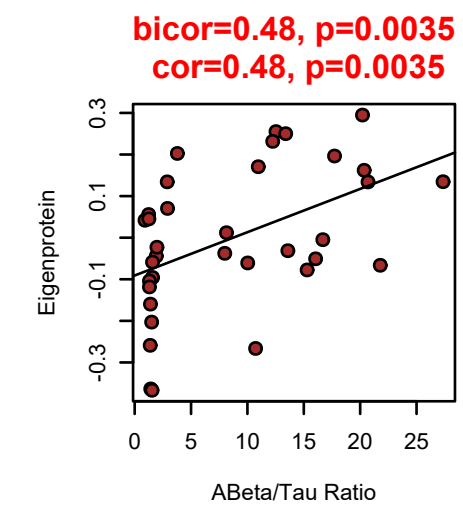
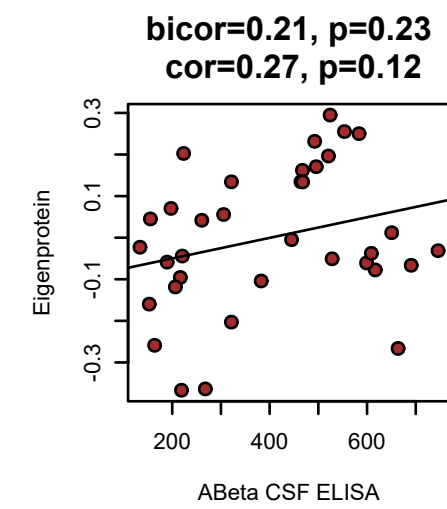
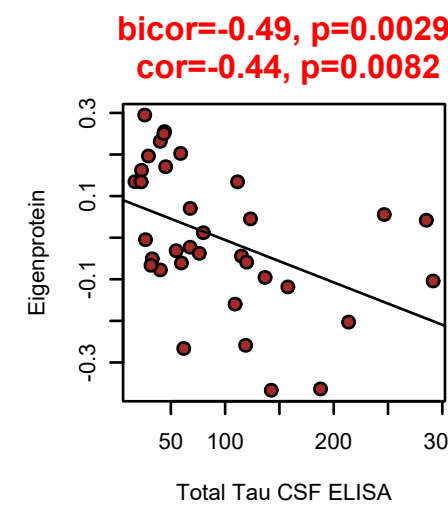
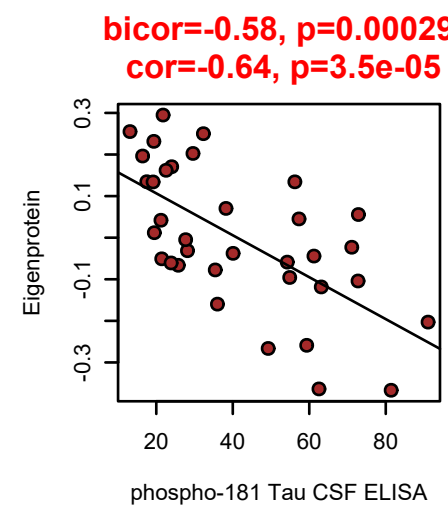
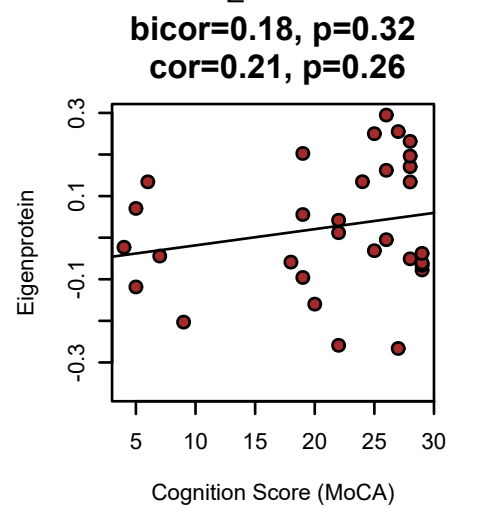
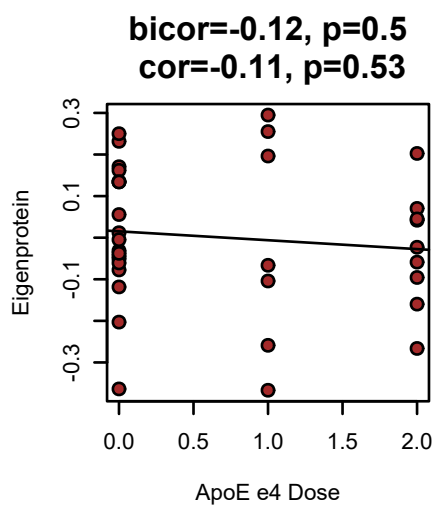
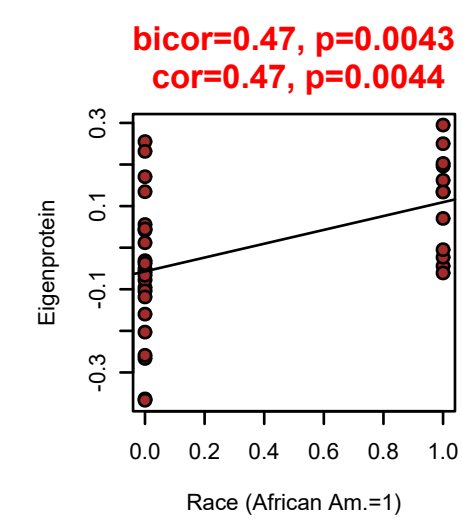
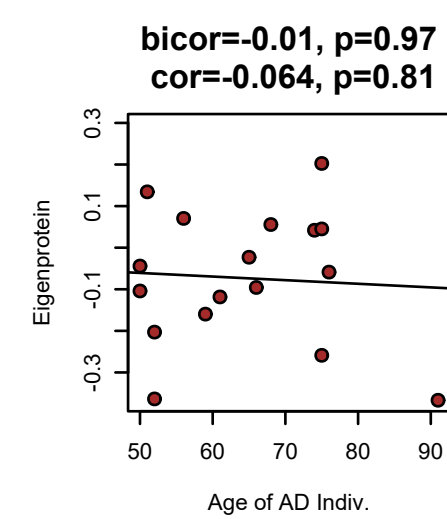
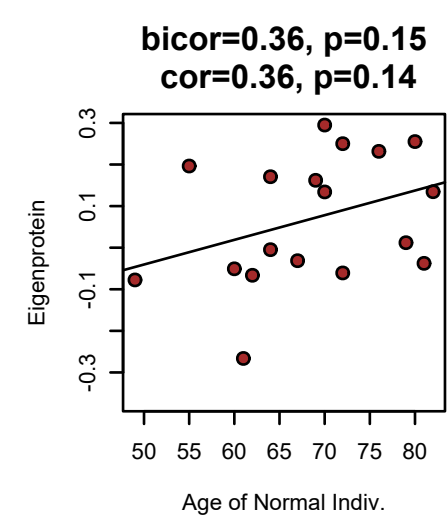
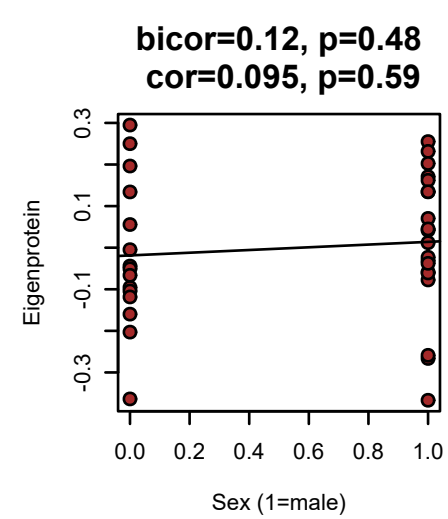
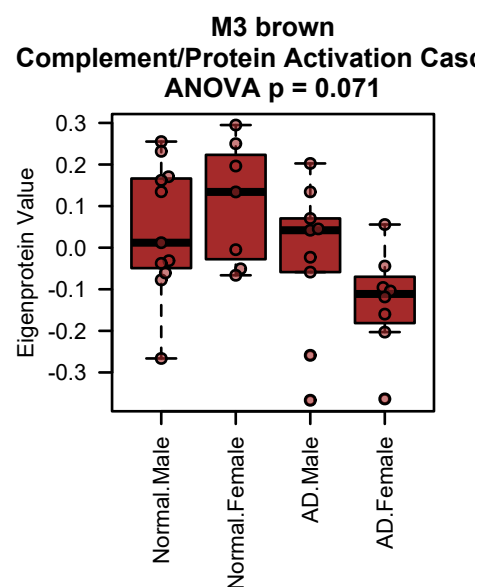
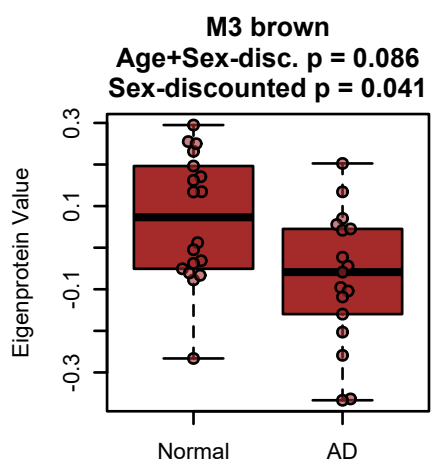
bicor=-0.13, p=0.46
cor=-0.1, p=0.57



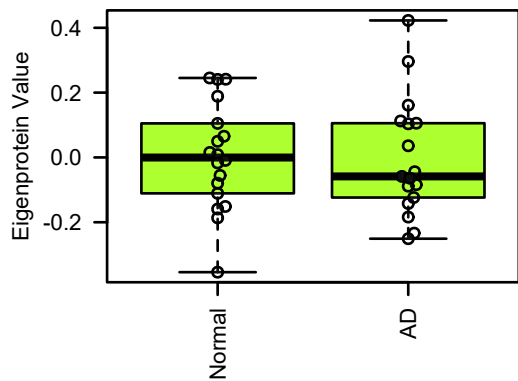
bicor=-0.09, p=0.61
cor=-0.11, p=0.53



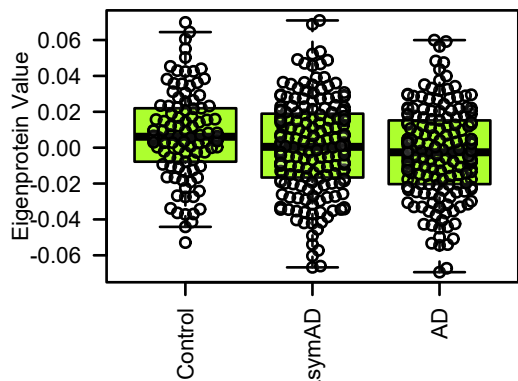




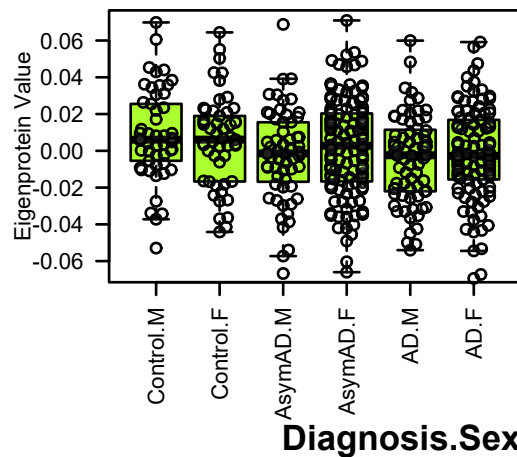
M11 greenyellow.CSF38
Ambiguous



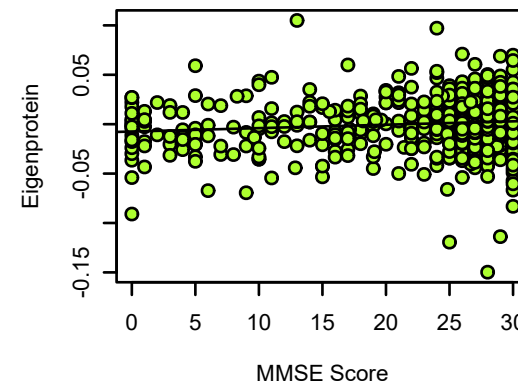
MEgreenyellow.Brain (Synthetic)
ANOVA p: 0.097



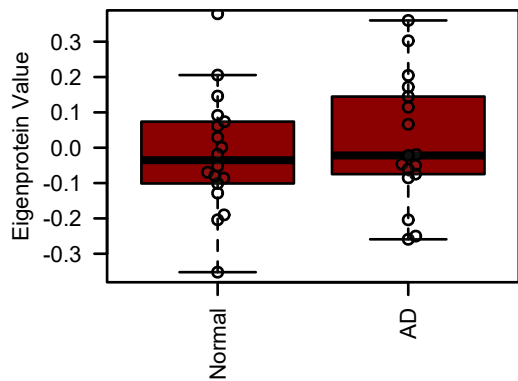
MEgreenyellow.Brain (Synthetic)
ANOVA p: 0.21



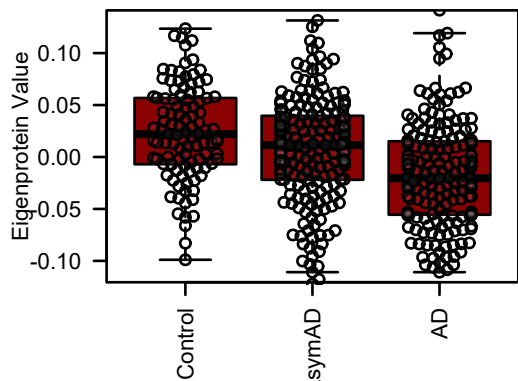
bicor=0.073, p=0.11
cor=0.11, p=0.015



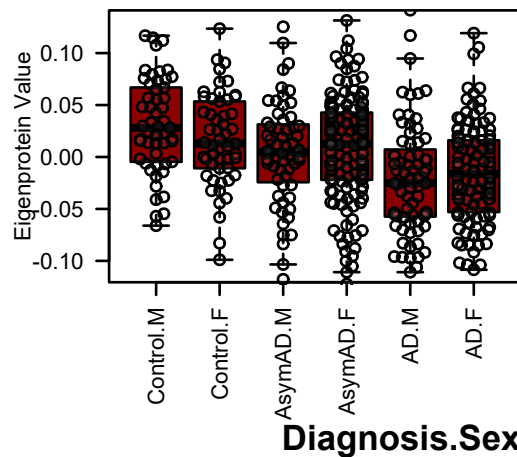
M21 darkred.CSF38
Neuron Recognition



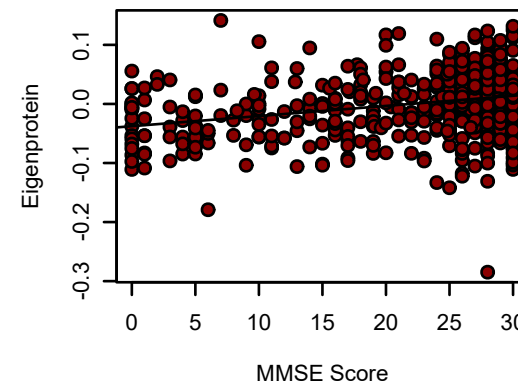
MEdarkred.Brain (Synthetic)
ANOVA p: 6.7e-09



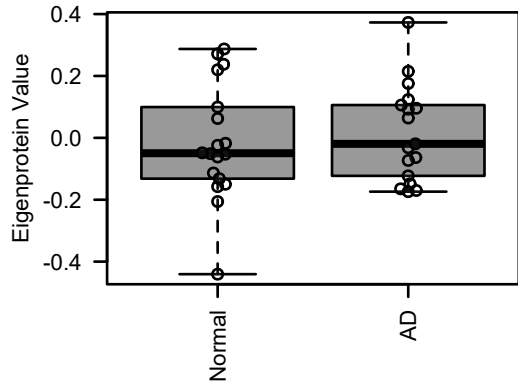
MEdarkred.Brain (Synthetic)
ANOVA p: 1e-07



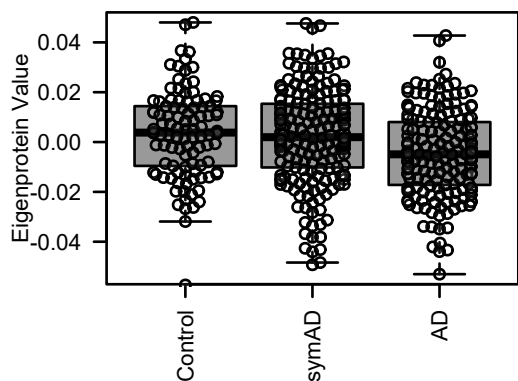
bicor=0.21, p=2.1e-06
cor=0.28, p=3.1e-10



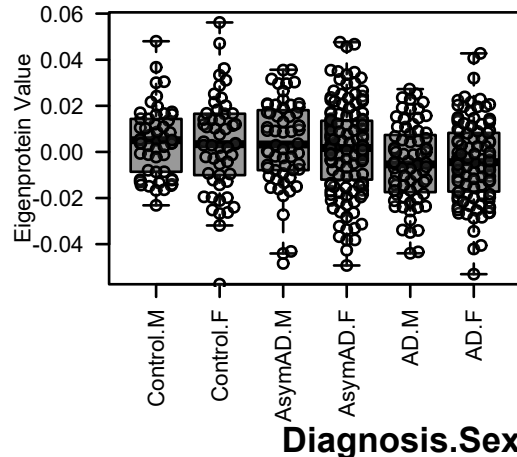
M17 grey60.CSF38
Ambiguous



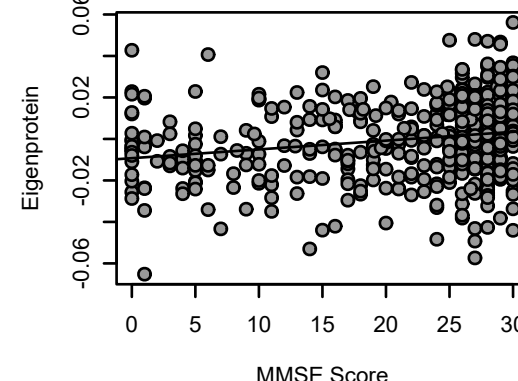
MEgrey60.Brain (Synthetic)
ANOVA p: 3.7e-05



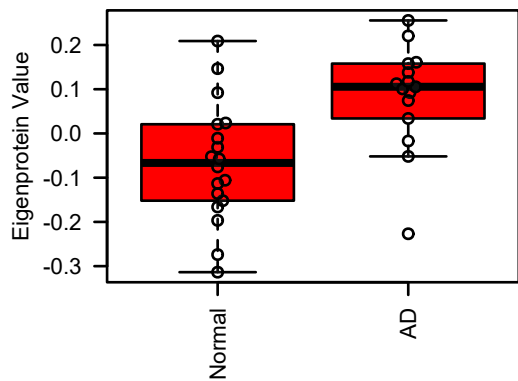
MEgrey60.Brain (Synthetic)
ANOVA p: 0.00075



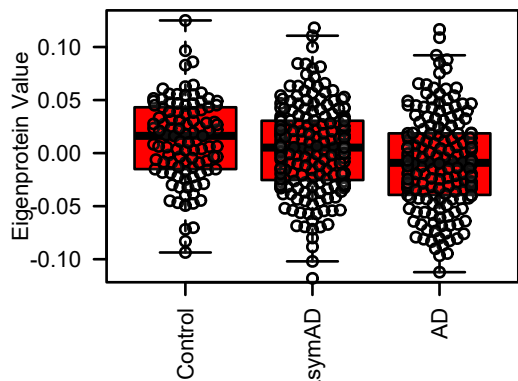
bicor=0.17, p=0.00012
cor=0.2, p=8.5e-06



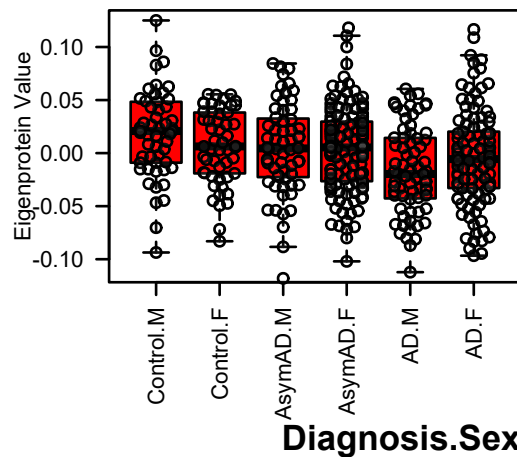
M6 red.CSF38
Muscle/Neurotransmitter Transport



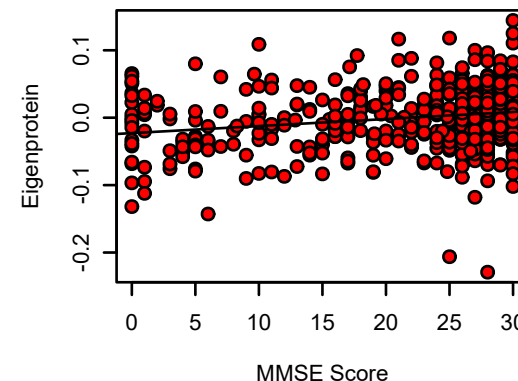
MEred.Brain (Synthetic)
ANOVA p: 0.00035



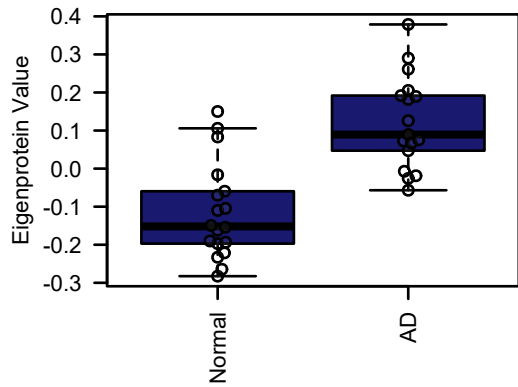
MEred.Brain (Synthetic)
ANOVA p: 0.00029



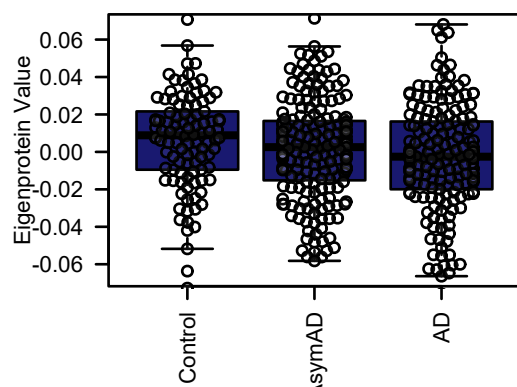
bicor=0.15, p=0.00092
cor=0.2, p=8.5e-06



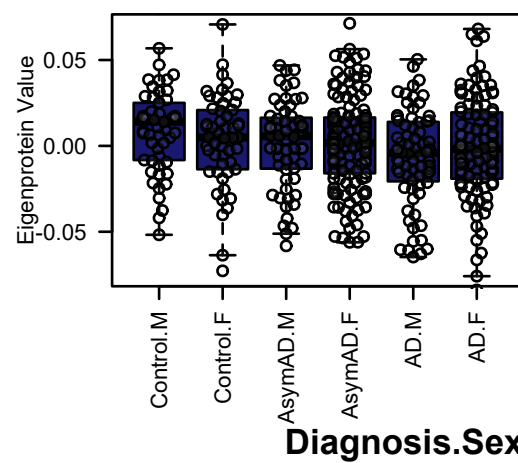
M15 midnightblue.CSF38
Post-Synaptic Membrane



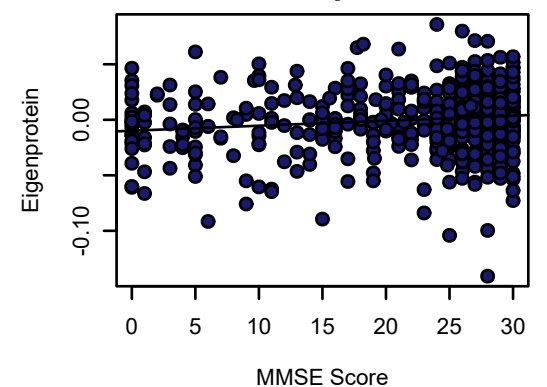
MEmidnightblue.Brain (Synthetic)
ANOVA p: 0.032



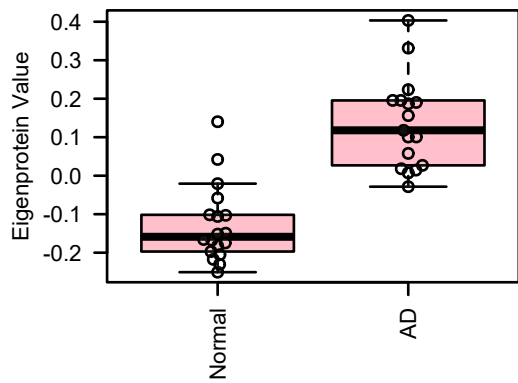
MEmidnightblue.Brain (Synthetic)
ANOVA p: 0.067



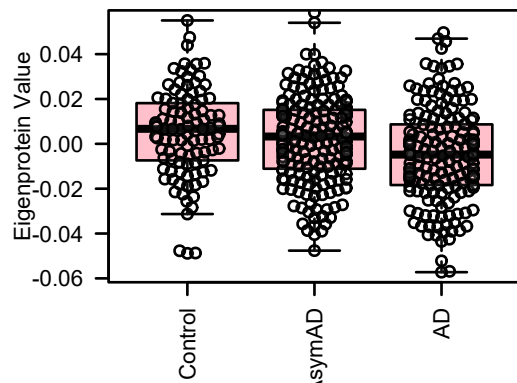
bicor=0.085, p=0.062
cor=0.14, p=0.0019



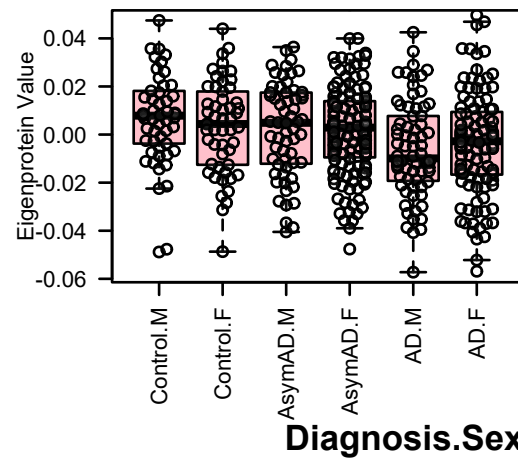
M8 pink.CSF38
Autophagy



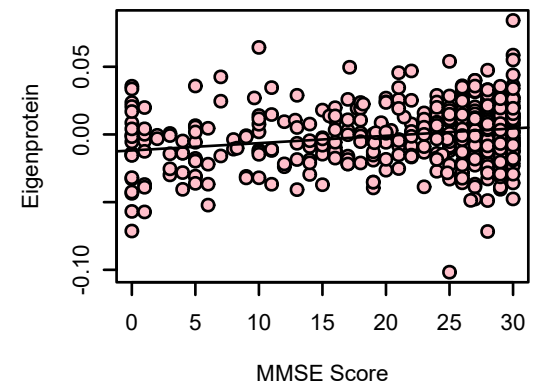
MEpink.Brain (Synthetic)
ANOVA p: 0.00031



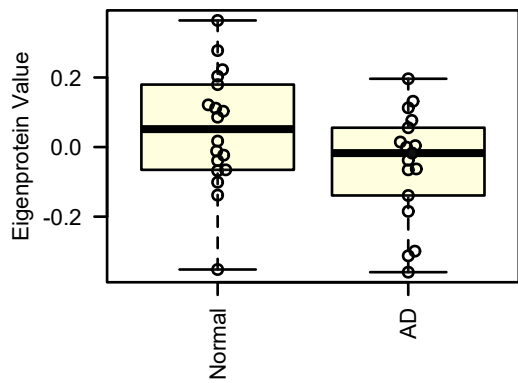
MEpink.Brain (Synthetic)
ANOVA p: 0.0014



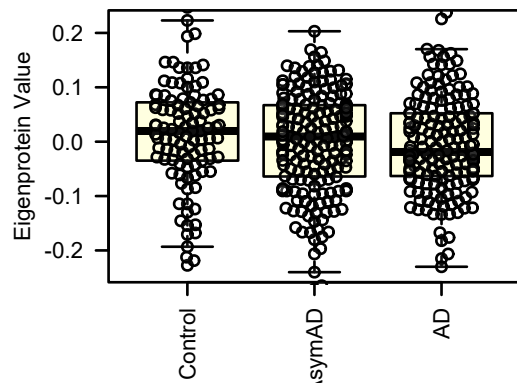
bicor=0.14, p=0.0027
cor=0.22, p=9.2e-07



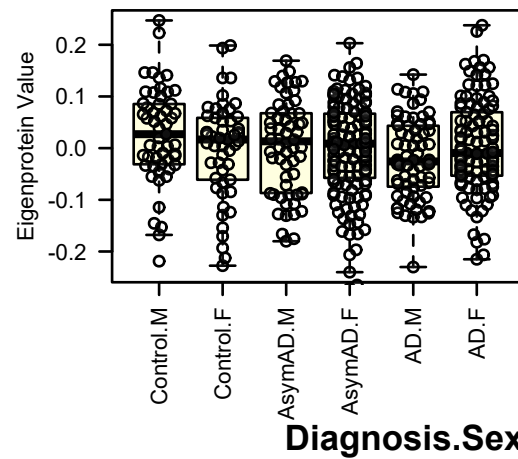
M19 lightyellow.CSF38
Synapse Organization



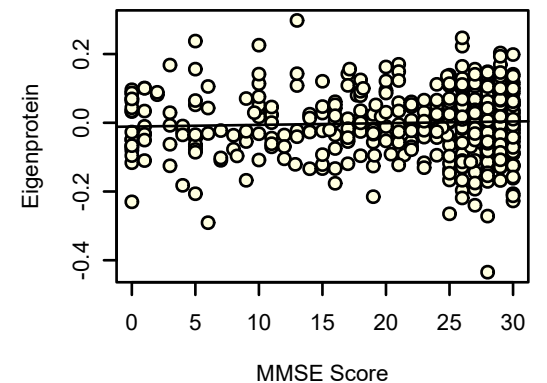
MElightyellow.Brain (Synthetic)
ANOVA p: 0.46



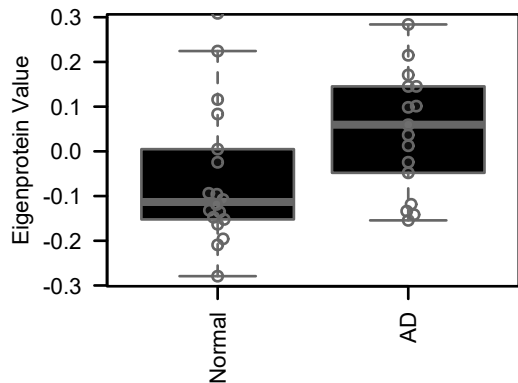
MElightyellow.Brain (Synthetic)
ANOVA p: 0.14



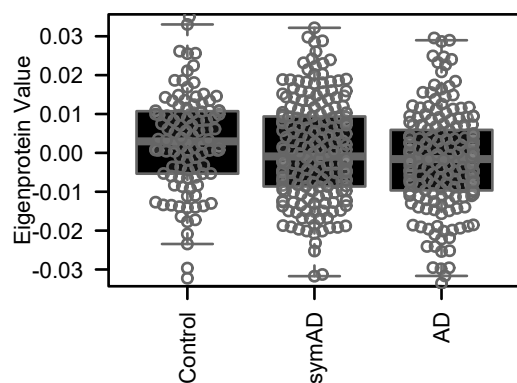
bicor=0.046, p=0.31
cor=0.047, p=0.3



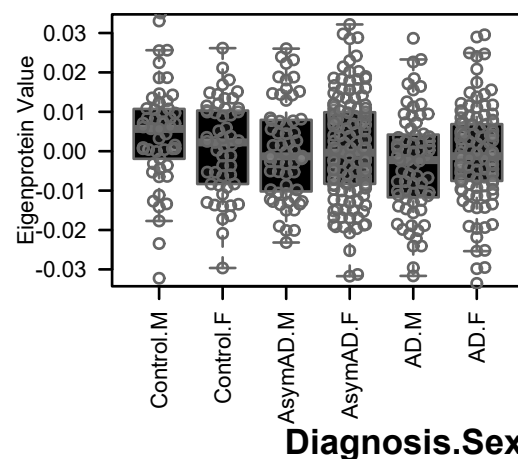
M7 black.CSF38
SNAP Receptor/SNARE Complex



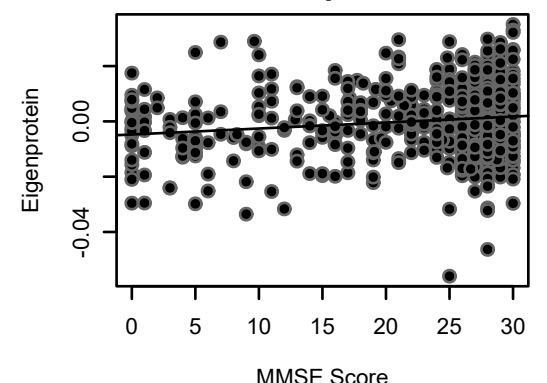
MEblack.Brain (Synthetic)
ANOVA p: 0.041



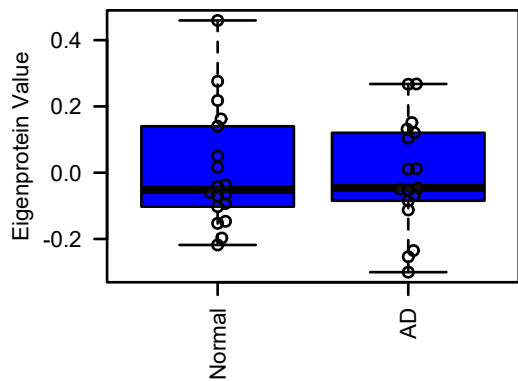
MEblack.Brain (Synthetic)
ANOVA p: 0.066



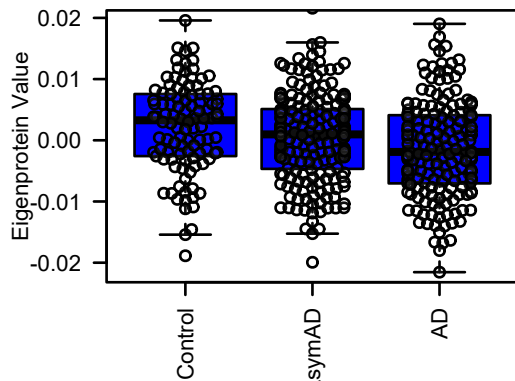
bicor=0.065, p=0.15
cor=0.15, p=0.00089



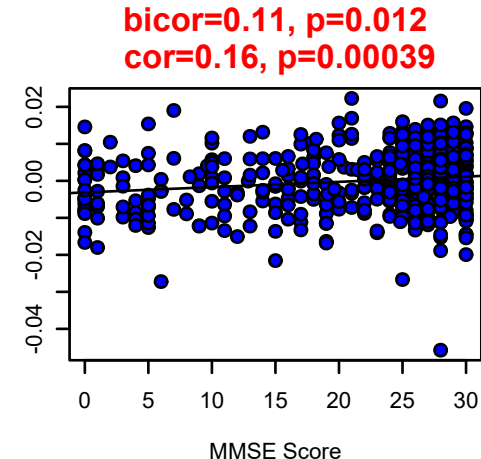
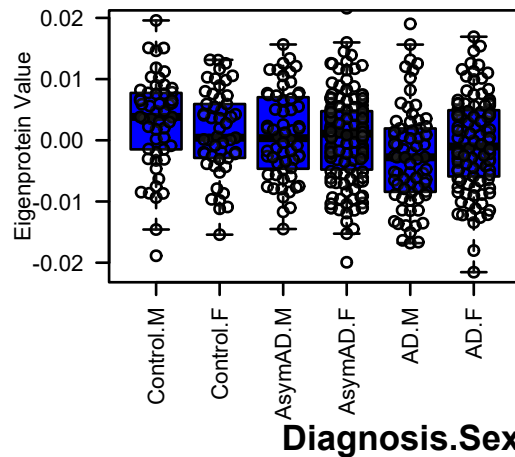
M2 blue.CSF38
Neuronal/Axon Development



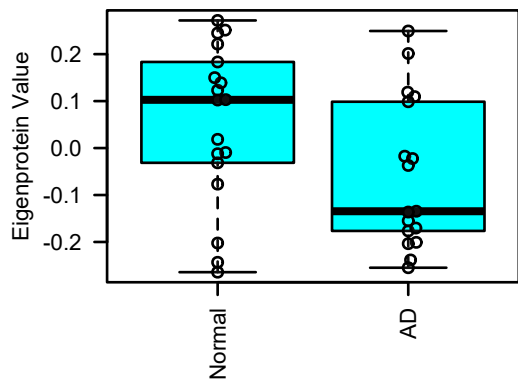
MEblue.Brain (Synthetic)
ANOVA p: 0.0039



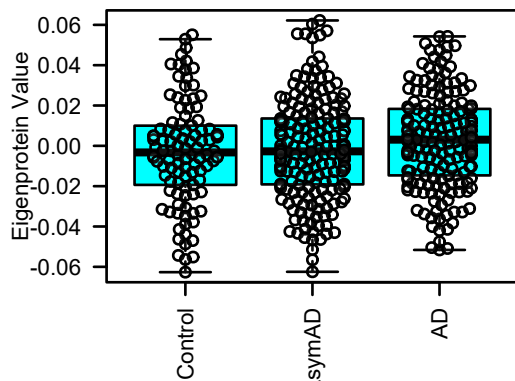
MEblue.Brain (Synthetic)
ANOVA p: 0.0046



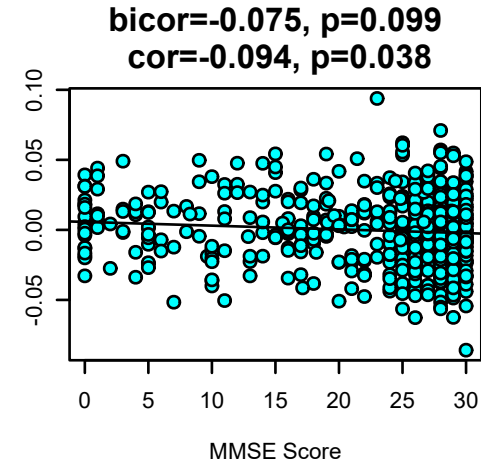
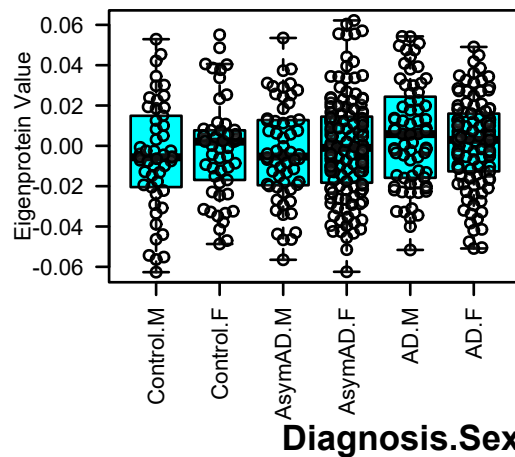
M14 cyan.CSF38
Golgi/Glycosylation



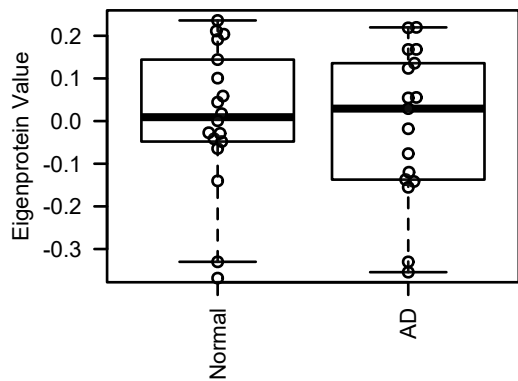
MEcyan.Brain (Synthetic)
ANOVA p: 0.067



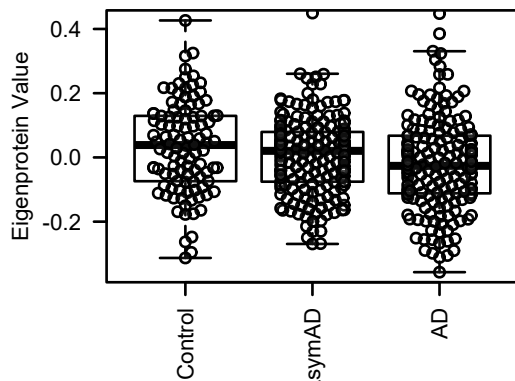
MEcyan.Brain (Synthetic)
ANOVA p: 0.16



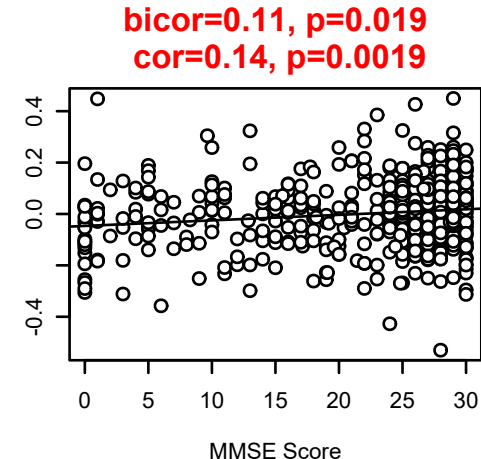
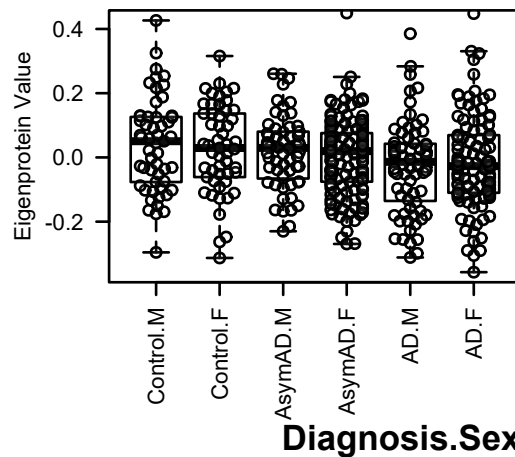
M27 white.CSF38
Ambiguous



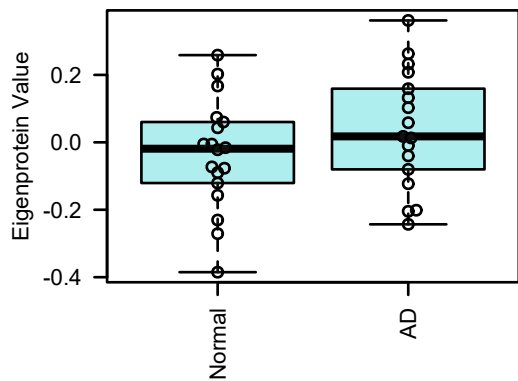
MEwhite.Brain (Synthetic)
ANOVA p: 0.01



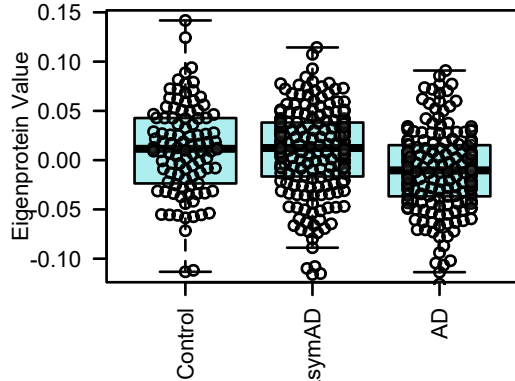
MEwhite.Brain (Synthetic)
ANOVA p: 0.061



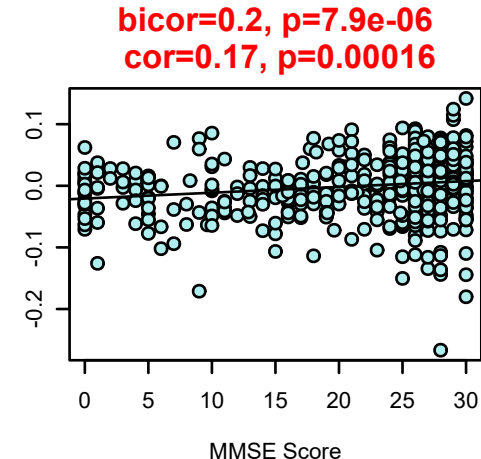
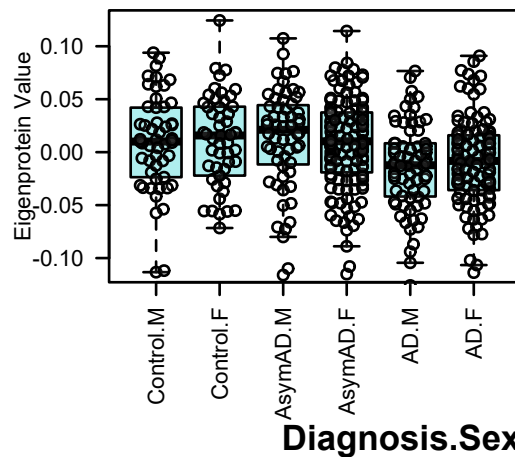
M31 paleturquoise.CSF38
Glial Cell Differentiation



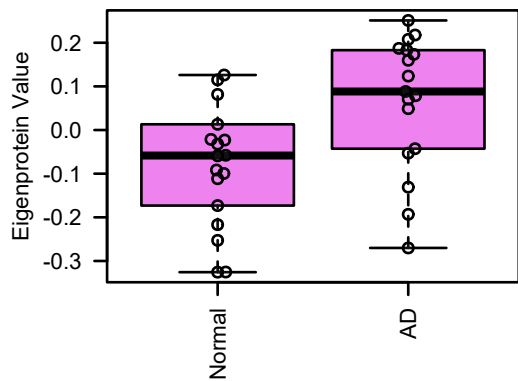
MEpaleturquoise.Brain (Synthetic)
ANOVA p: 0.00029



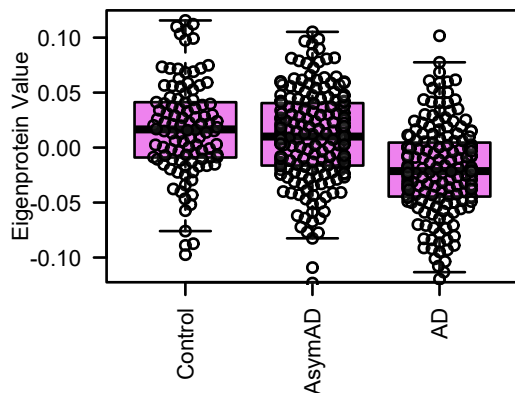
MEpaleturquoise.Brain (Synthetic)
ANOVA p: 0.0034



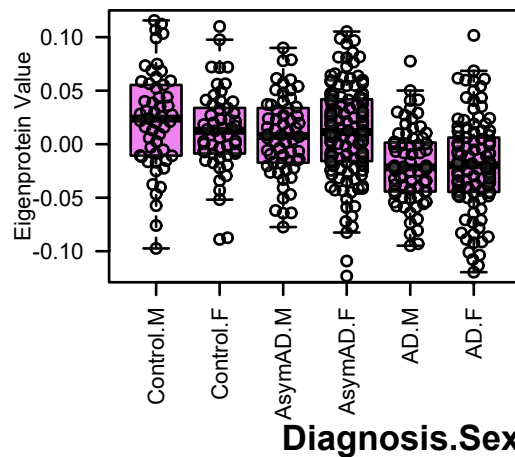
M32 violet.CSF38
Synaptic Membrane/Matrisome



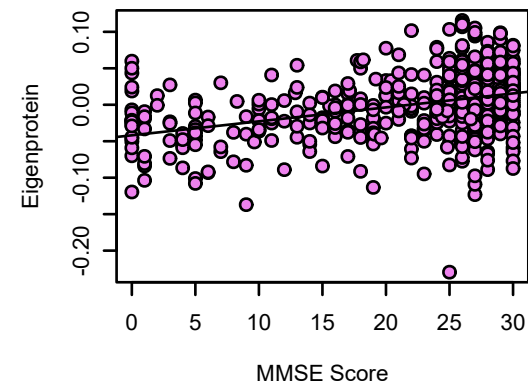
MEviolet.Brain (Synthetic)
ANOVA p: 1.5e-14



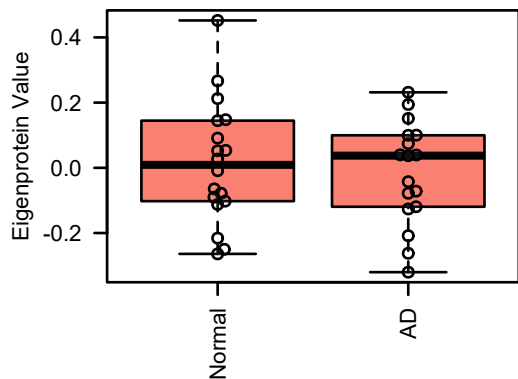
MEviolet.Brain (Synthetic)
ANOVA p: 9.6e-13



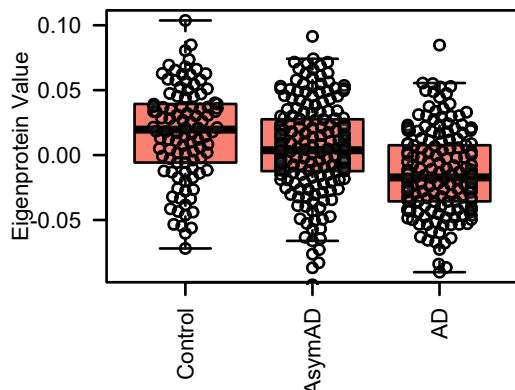
bicor=0.29, p=9.5e-11
cor=0.37, p=2.8e-17



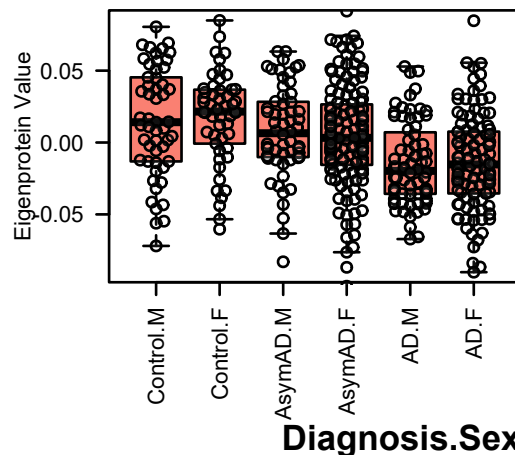
M13 salmon.CSF38
Semaphorin-Plexin/Axon Guidance



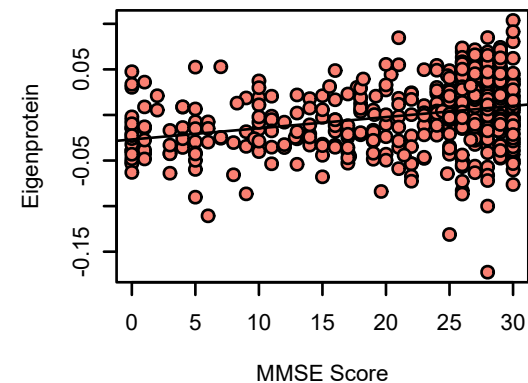
MEsalmon.Brain (Synthetic)
ANOVA p: 8.3e-12



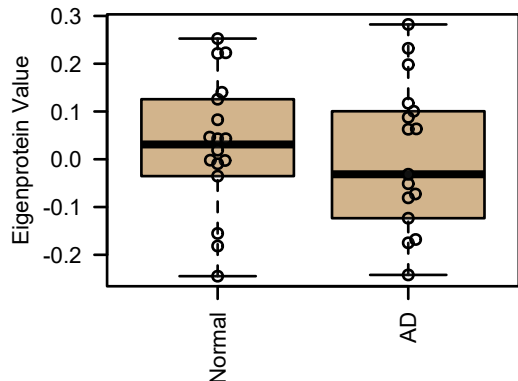
MEsalmon.Brain (Synthetic)
ANOVA p: 7.4e-10



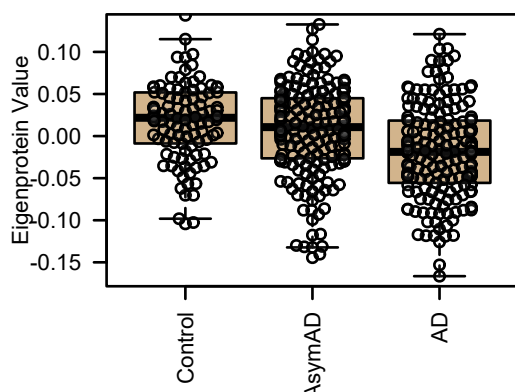
bicor=0.24, p=1.3e-07
cor=0.29, p=6.5e-11



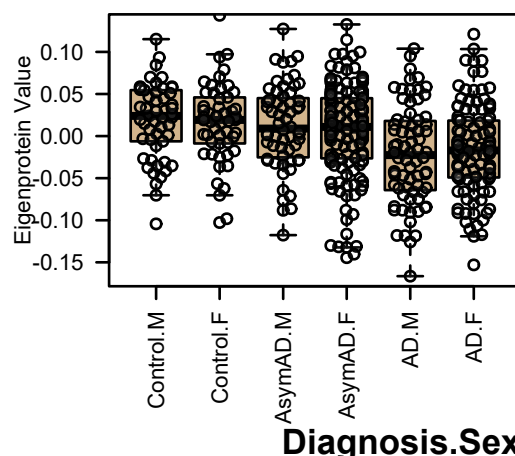
M12 tan.CSF38
Neurexin/Neuronal Adhesion



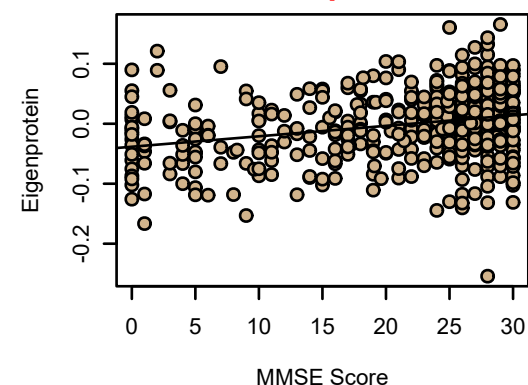
MEtan.Brain (Synthetic)
ANOVA p: 5.6e-08



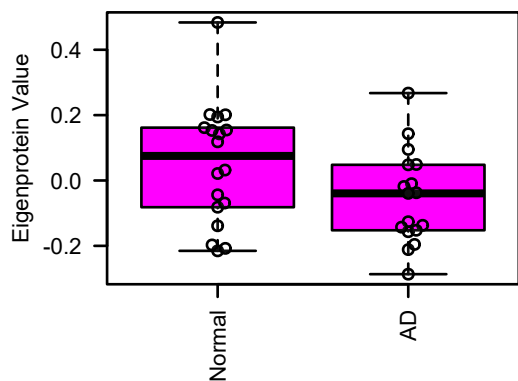
MEtan.Brain (Synthetic)
ANOVA p: 1.7e-06



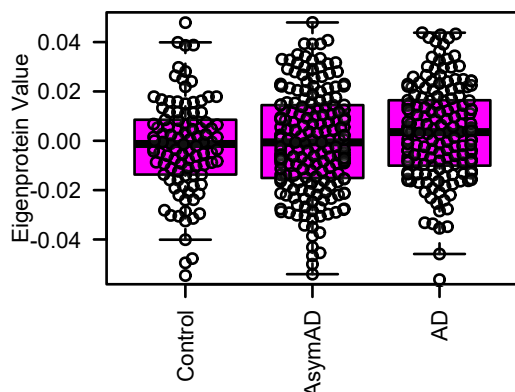
bicor=0.21, p=4.7e-06
cor=0.27, p=1.3e-09



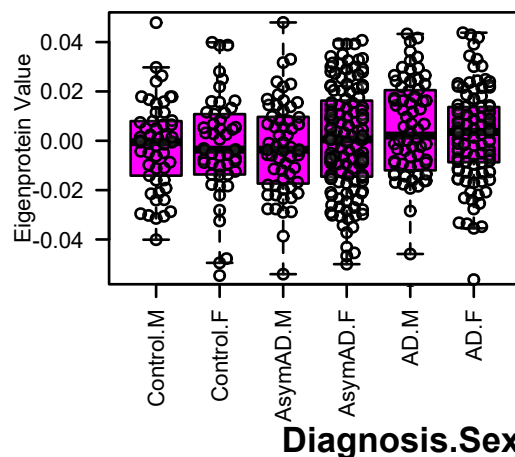
M9 magenta.CSF38
Ambiguous



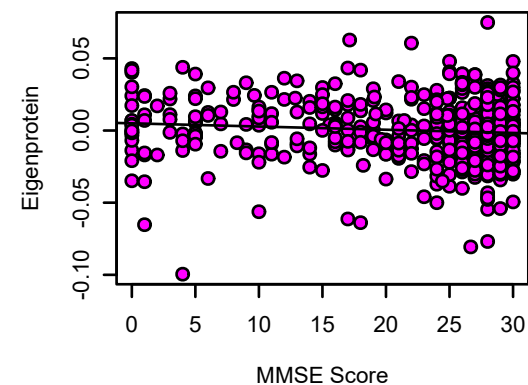
MEmagenta.Brain (Synthetic)
ANOVA p: 0.13



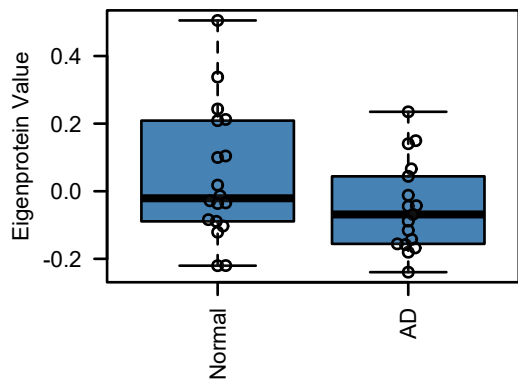
MEmagenta.Brain (Synthetic)
ANOVA p: 0.38



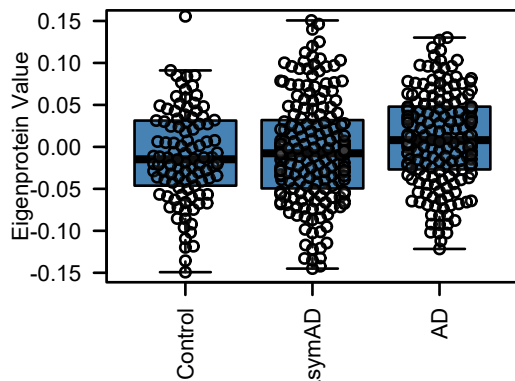
bicor=-0.11, p=0.02
cor=-0.091, p=0.045



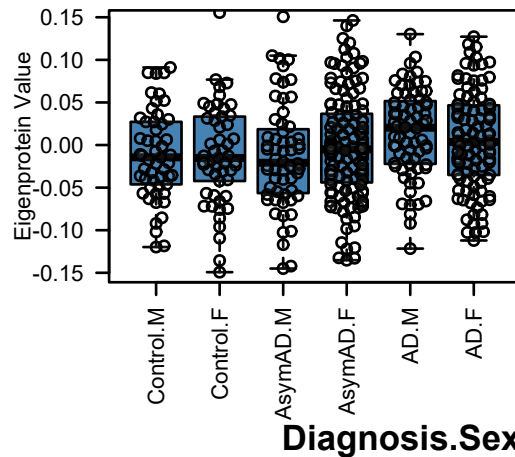
M30 steelblue.CSF38
Ribonucleoprotein Complex



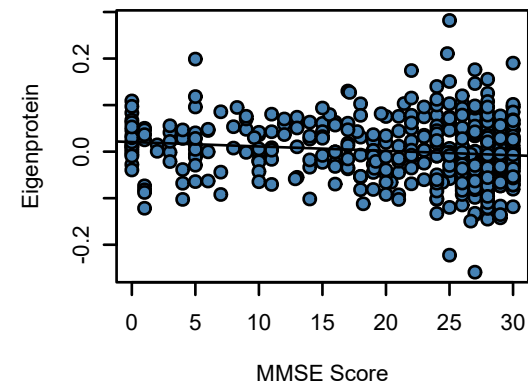
MEsteelblue.Brain (Synthetic)
ANOVA p: 0.015



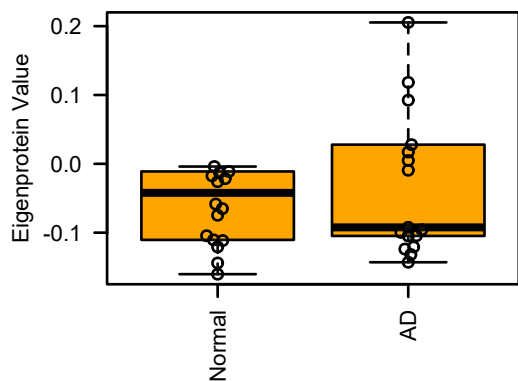
MEsteelblue.Brain (Synthetic)
ANOVA p: 0.075



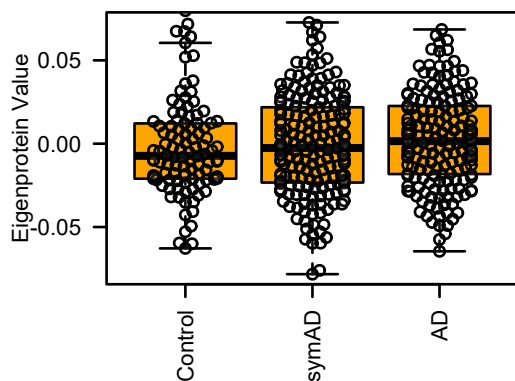
bicor=-0.14, p=0.0027
cor=-0.13, p=0.004



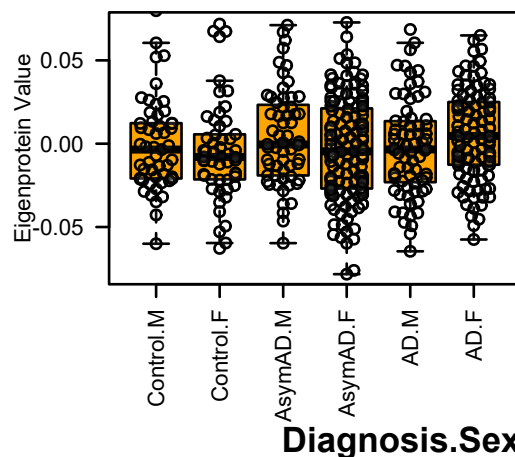
M25 orange.CSF38
Ambiguous



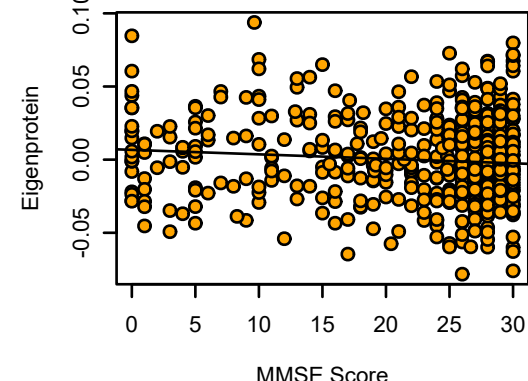
MEorange.Brain (Synthetic)
ANOVA p: 0.24



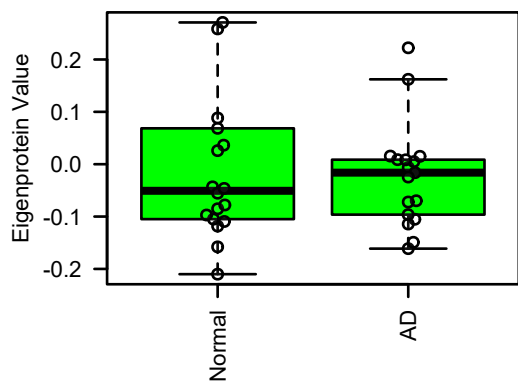
MEorange.Brain (Synthetic)
ANOVA p: 0.082



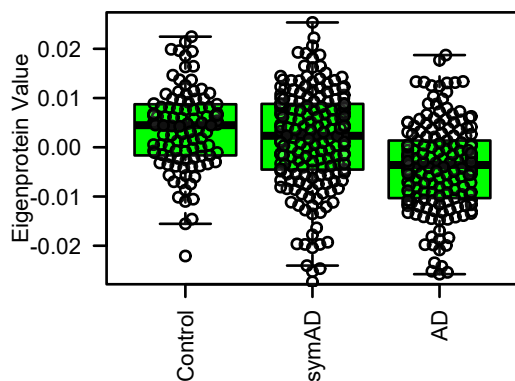
bicor=-0.082, p=0.071
cor=-0.093, p=0.04



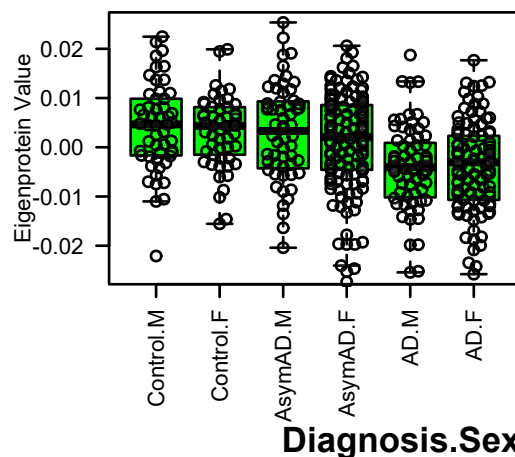
M5 green.CSF38
Compound Metabolism/Heat Shock Protein Bi



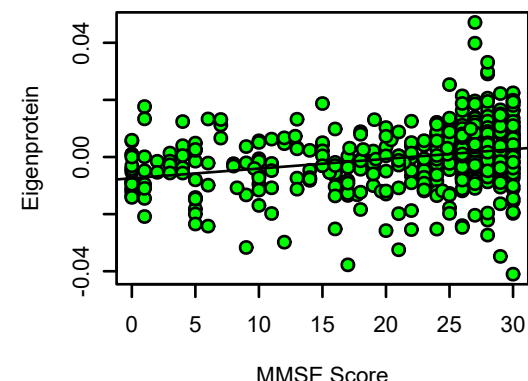
MEgreen.Brain (Synthetic)
ANOVA p: 1.5e-12



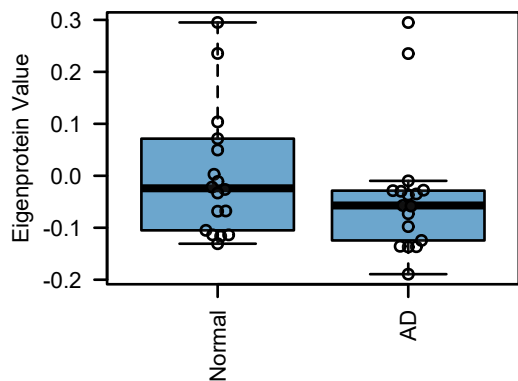
MEgreen.Brain (Synthetic)
ANOVA p: 1.1e-10



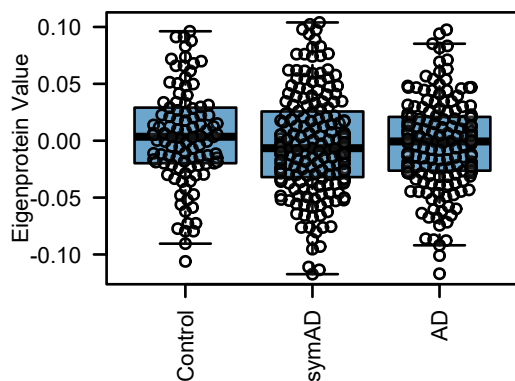
bicor=0.29, p=1.4e-10
cor=0.28, p=3.1e-10



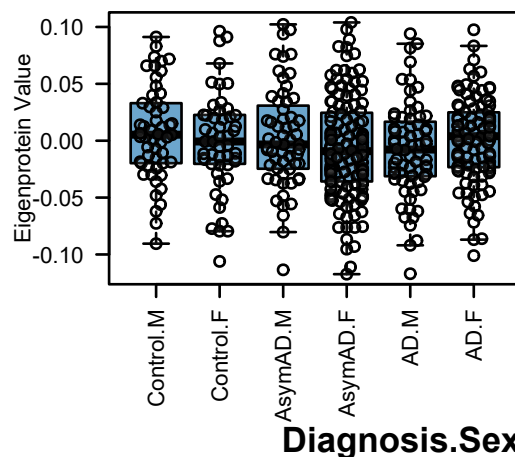
M37 skyblue3.CSF38
RNA Binding/Metabolism



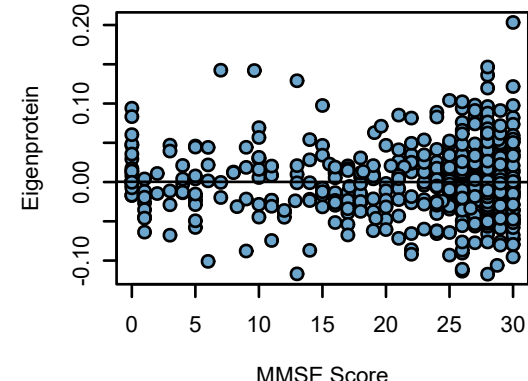
MEskyblue3.Brain (Synthetic)
ANOVA p: 0.32



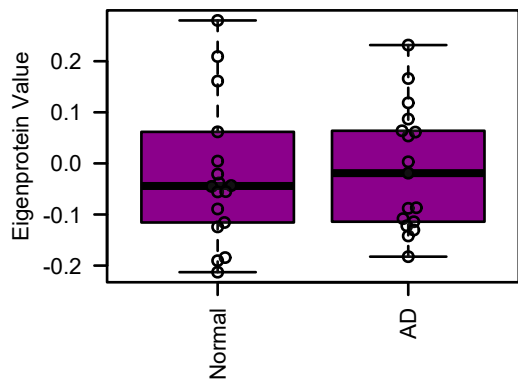
MEskyblue3.Brain (Synthetic)
ANOVA p: 0.42



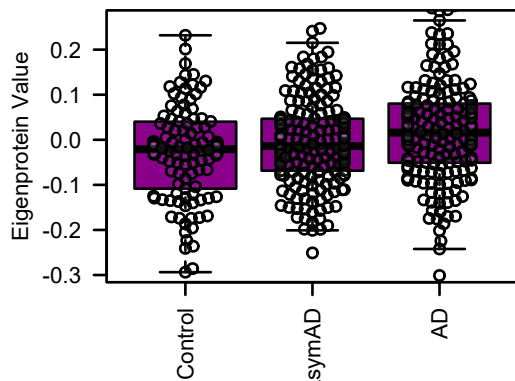
bicor=0.03, p=0.51
cor=-0.003, p=0.95



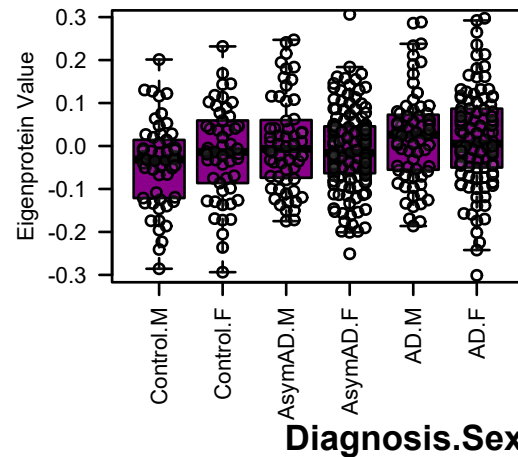
M34 darkmagenta.CSF38
Cofactor Biosynthesis



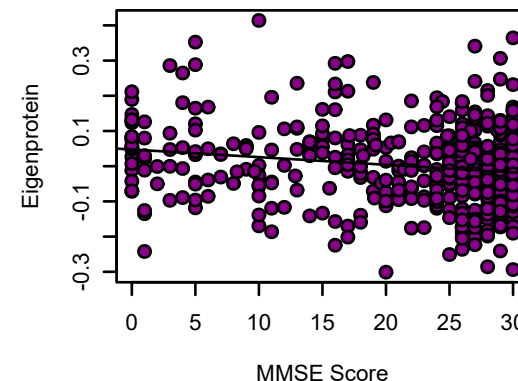
MEdarkmagenta.Brain (Synthetic)
ANOVA p: 0.0017



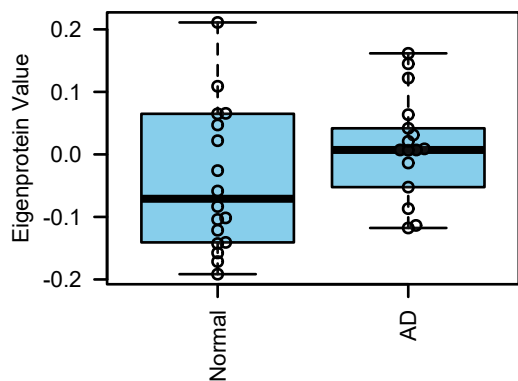
MEdarkmagenta.Brain (Synthetic)
ANOVA p: 0.0058



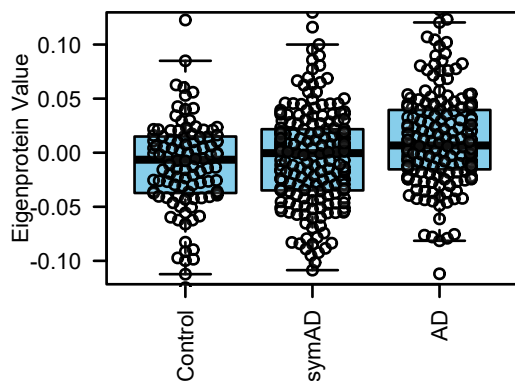
bicor=-0.11, p=0.012
cor=-0.18, p=6.4e-05



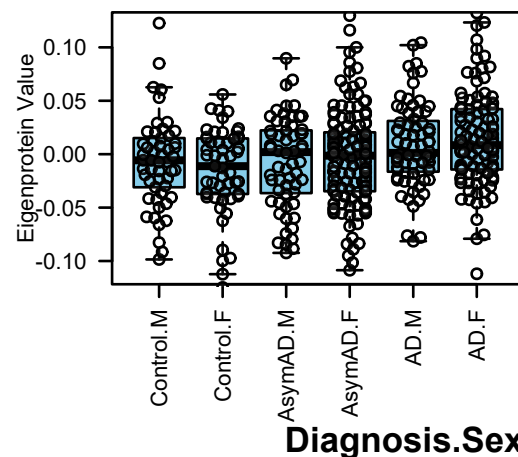
M28 skyblue.CSF38
Proteasome



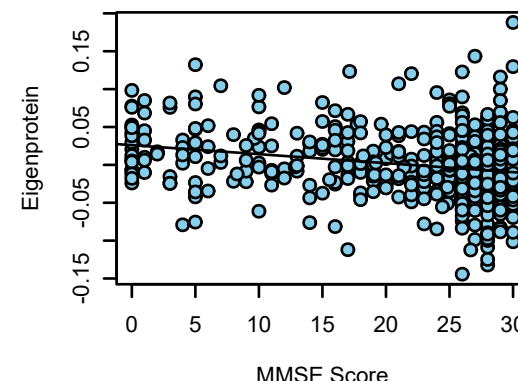
MEskyblue.Brain (Synthetic)
ANOVA p: 6.6e-05



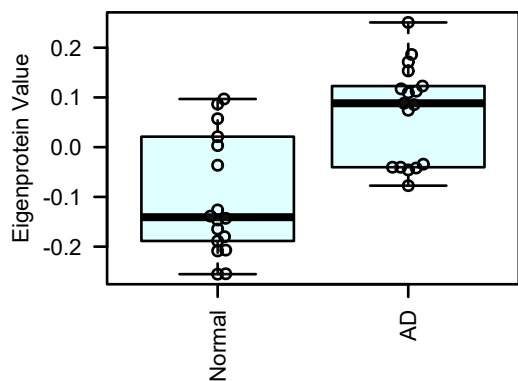
MEskyblue.Brain (Synthetic)
ANOVA p: 0.00057



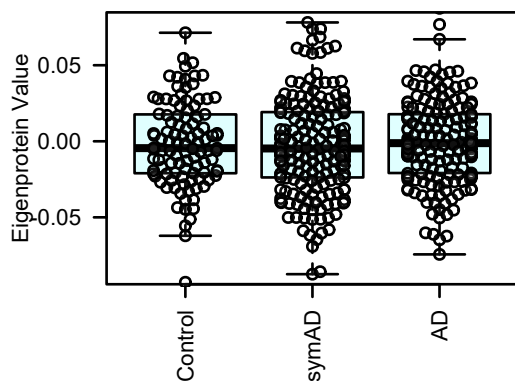
bicor=-0.16, p=0.00051
cor=-0.23, p=2.8e-07



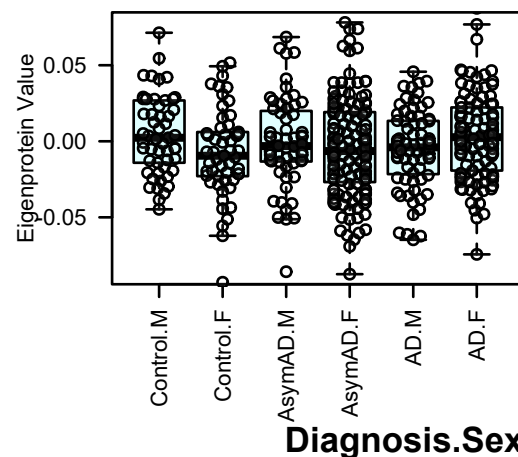
M16 lightcyan.CSF38
Sugar Metabolism



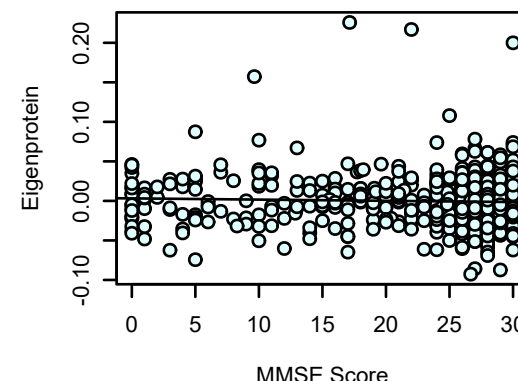
MElightcyan.Brain (Synthetic)
ANOVA p: 0.29



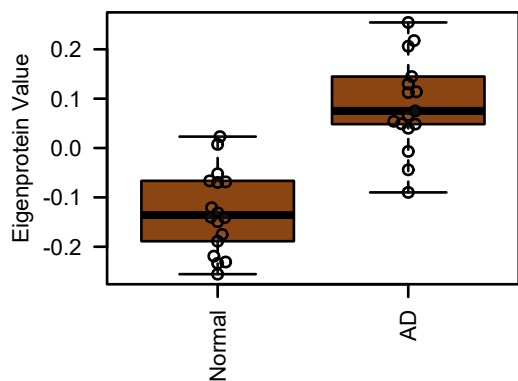
MElightcyan.Brain (Synthetic)
ANOVA p: 0.014



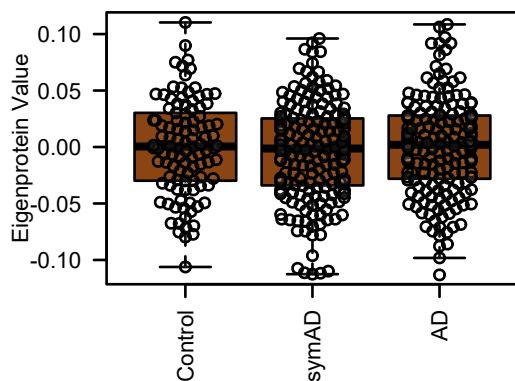
bicor=-0.045, p=0.33
cor=-0.039, p=0.39



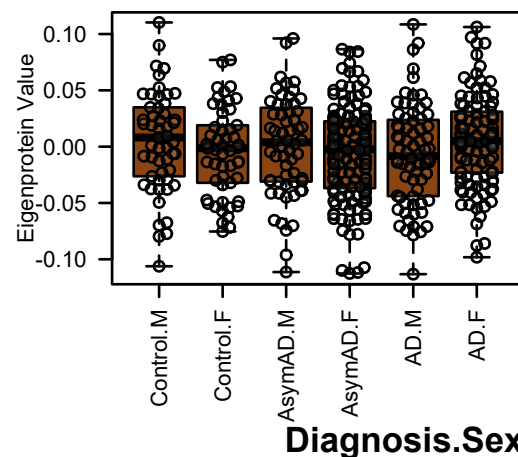
M29 saddlebrown.CSF38
Sugar Metabolism/Actin Depolymerizator



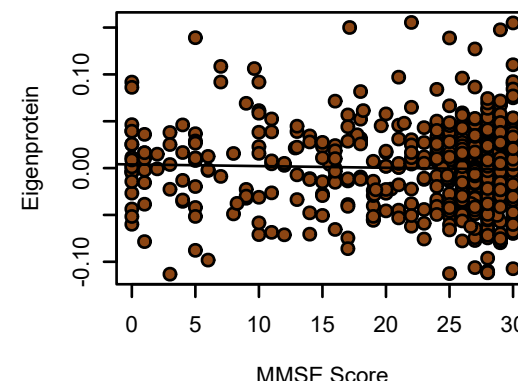
MEsaddlebrown.Brain (Synthetic)
ANOVA p: 0.53



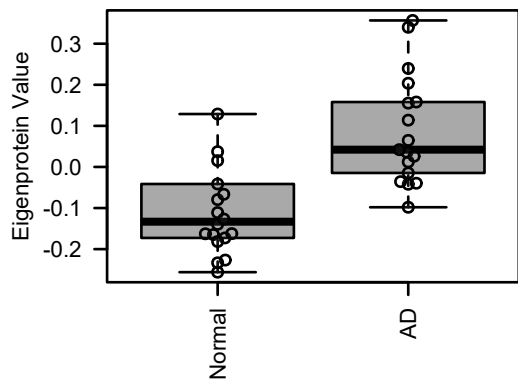
MEsaddlebrown.Brain (Synthetic)
ANOVA p: 0.12



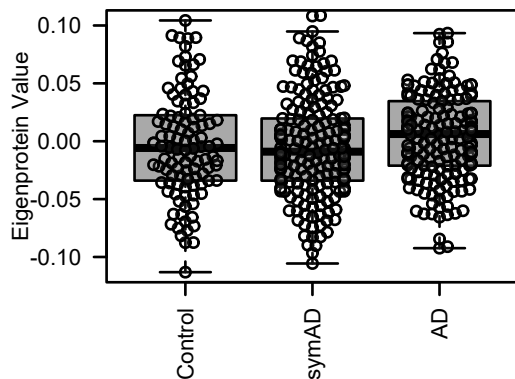
bicor=-0.012, p=0.79
cor=-0.035, p=0.44



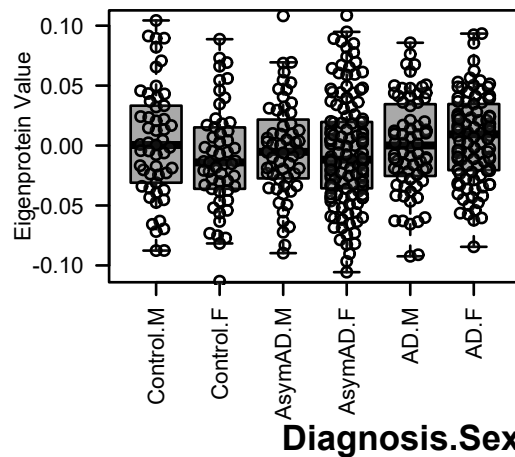
M24 darkgrey.CSF38
Ubiquitination



MEdarkgrey.Brain (Synthetic)
ANOVA p: 0.039

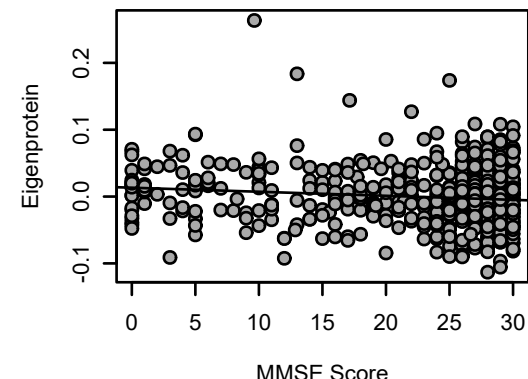


MEdarkgrey.Brain (Synthetic)
ANOVA p: 0.045

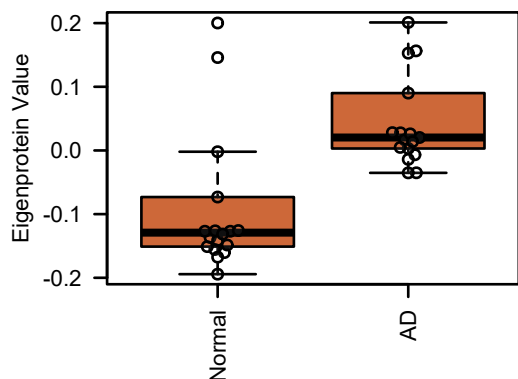


Diagnosis.Sex

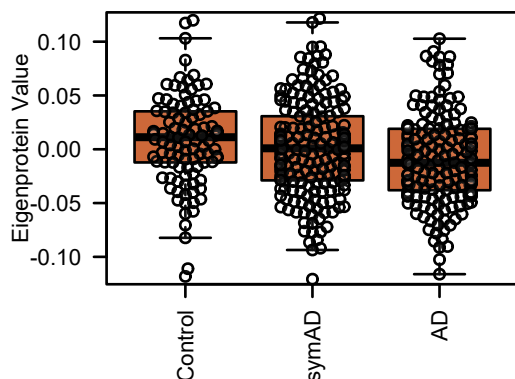
bicor=-0.066, p=0.14
cor=-0.12, p=0.008



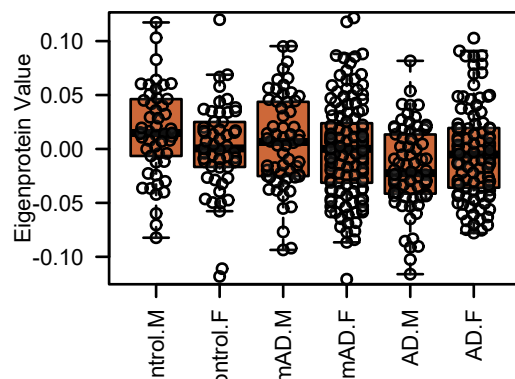
M35 sienna3.CSF38
Ambiguous



MEsienna3.Brain (Synthetic)
ANOVA p: 0.0044

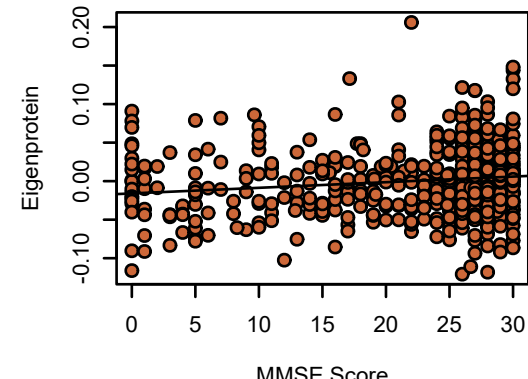


MEsienna3.Brain (Synthetic)
ANOVA p: 5e-04

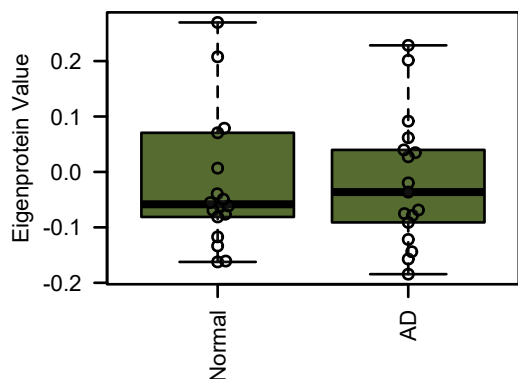


Diagnosis.Sex

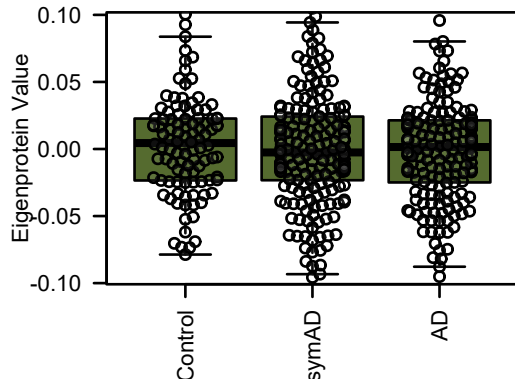
bicor=0.12, p=0.01
cor=0.14, p=0.0019



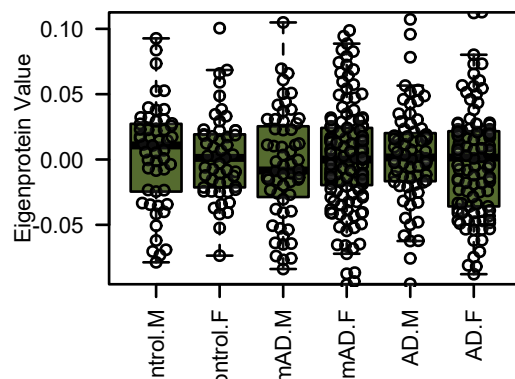
M33 darkolivegreen.CSF38
Translation/Sugar Binding



MEdarkolivegreen.Brain (Synthetic)
ANOVA p: 0.97

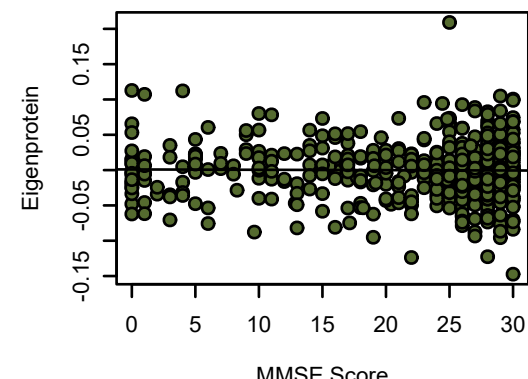


MEdarkolivegreen.Brain (Synthetic)
ANOVA p: 0.8

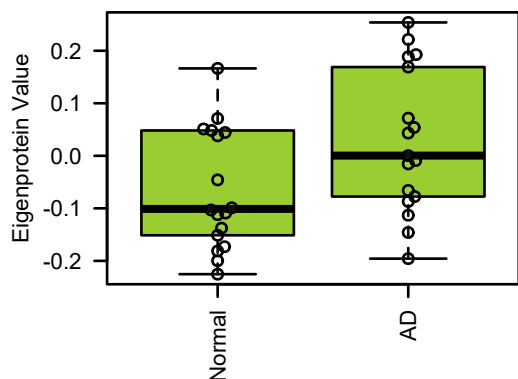


Diagnosis.Sex

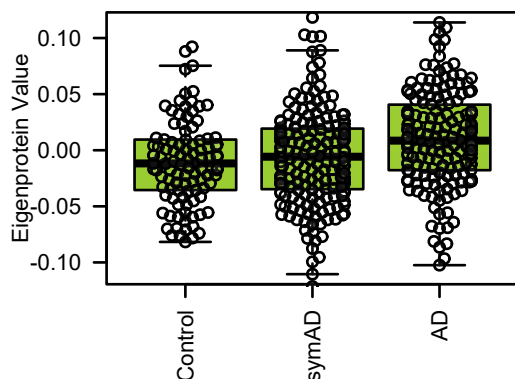
bicor=0.0098, p=0.83
cor=-0.011, p=0.81



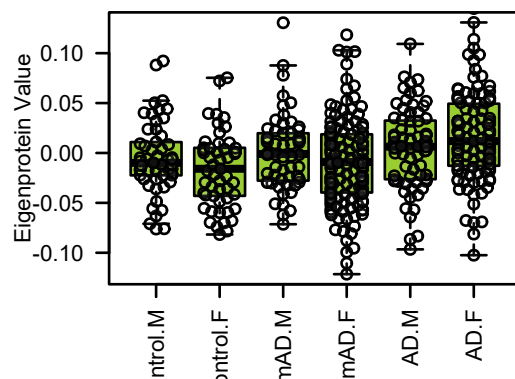
M36 yellowgreen.CSF38
Organelle Organization/Biogenesis



MEyellowgreen.Brain (Synthetic)
ANOVA p: 8.9e-05

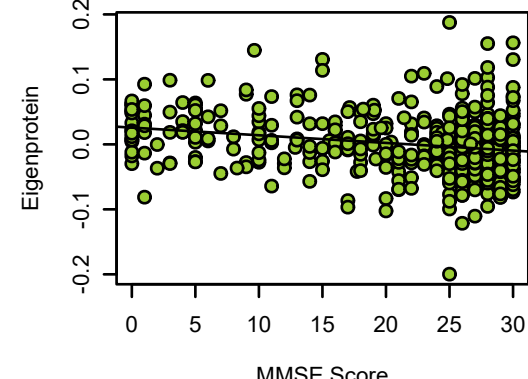


MEyellowgreen.Brain (Synthetic)
ANOVA p: 4e-04

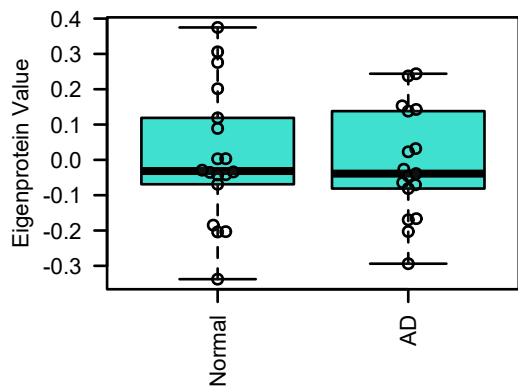


Diagnosis.Sex

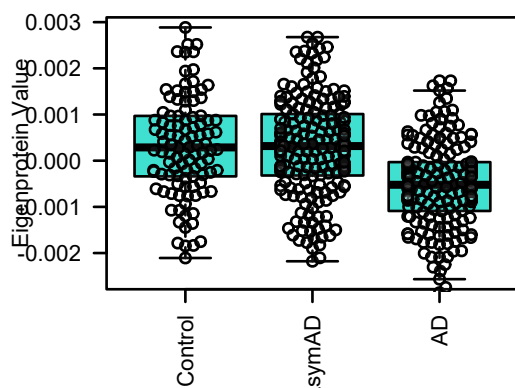
bicor=-0.15, p=0.001
cor=-0.23, p=2.8e-07



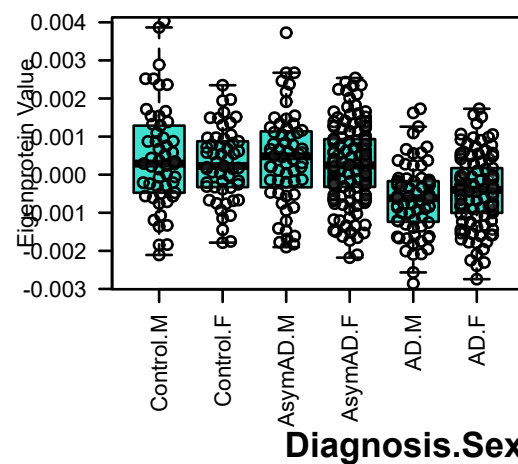
M1 turquoise.CSF38
Immune Response



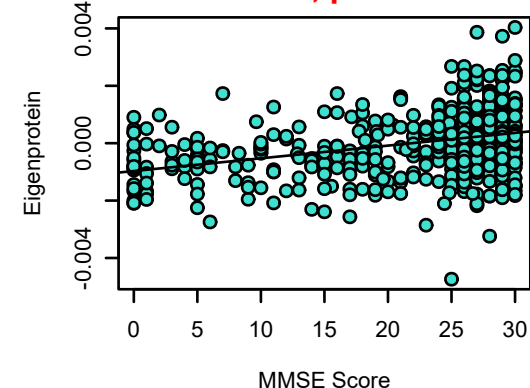
MEturquoise.Brain (Synthetic)
ANOVA p: 6.1e-14



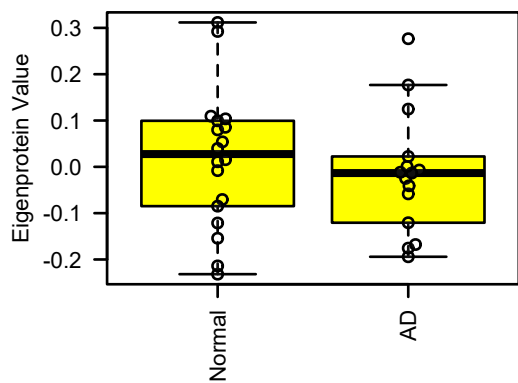
MEturquoise.Brain (Synthetic)
ANOVA p: 1.3e-12



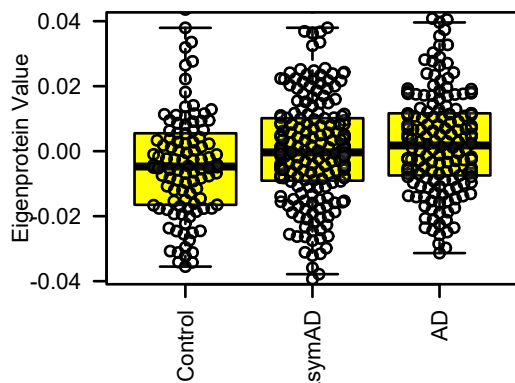
bicor=0.27, p=1.1e-09
cor=0.34, p=1.1e-14



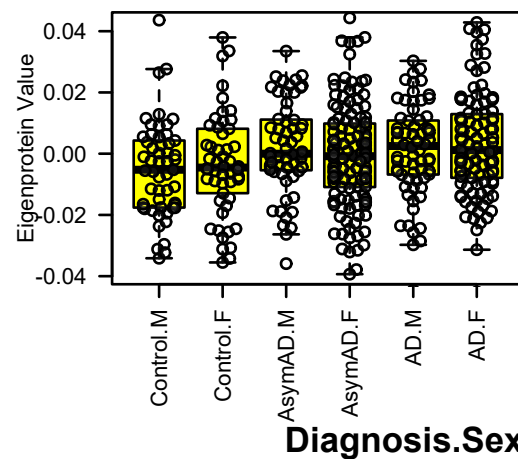
M4 yellow.CSF38
Lysosome



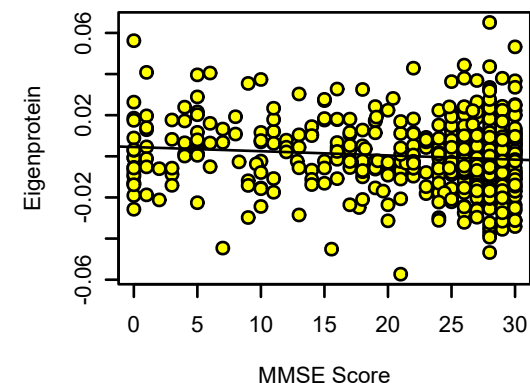
MEyellow.Brain (Synthetic)
ANOVA p: 0.015



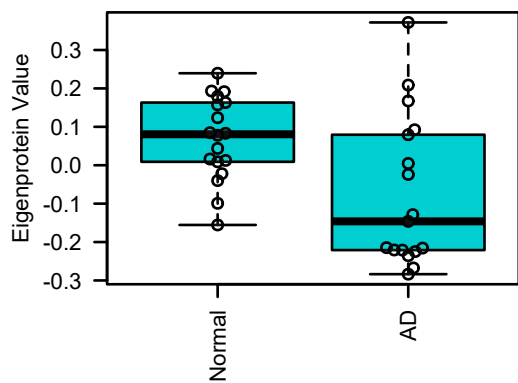
MEyellow.Brain (Synthetic)
ANOVA p: 0.069



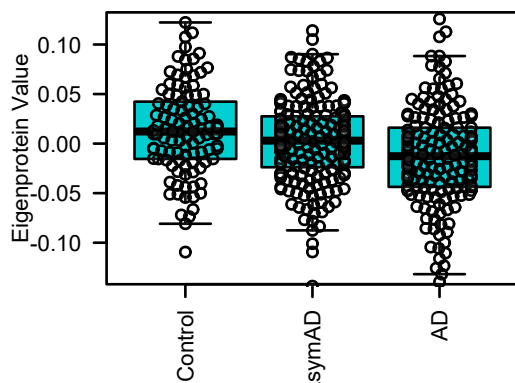
bicor=-0.1, p=0.027
cor=-0.11, p=0.015



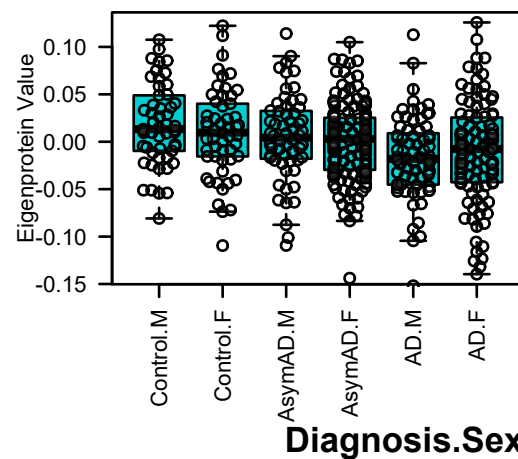
M23 darkturquoise.CSF38
Nucleic Acid/Steroid Metabolism



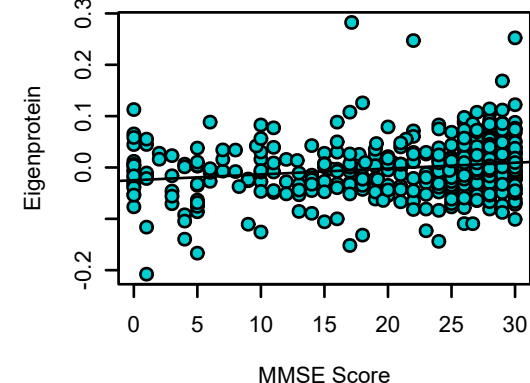
MEdarkturquoise.Brain (Synthetic)
ANOVA p: 5.5e-05



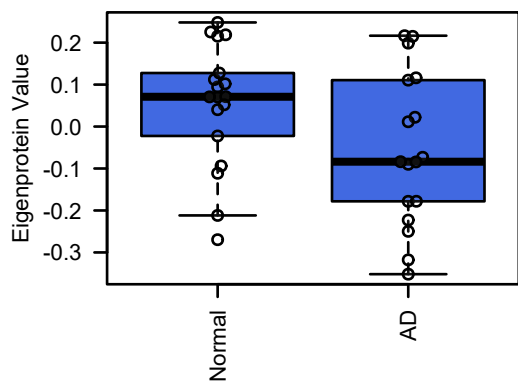
MEdarkturquoise.Brain (Synthetic)
ANOVA p: 0.00029



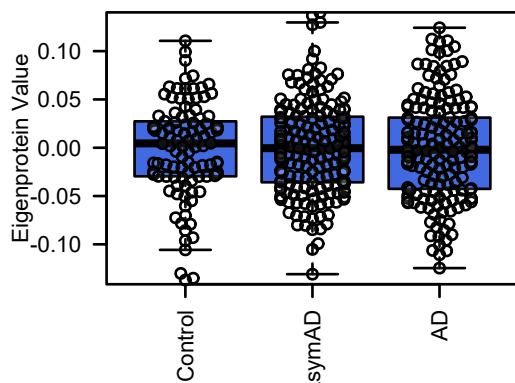
bicor=0.17, p=0.00011
cor=0.19, p=2.4e-05



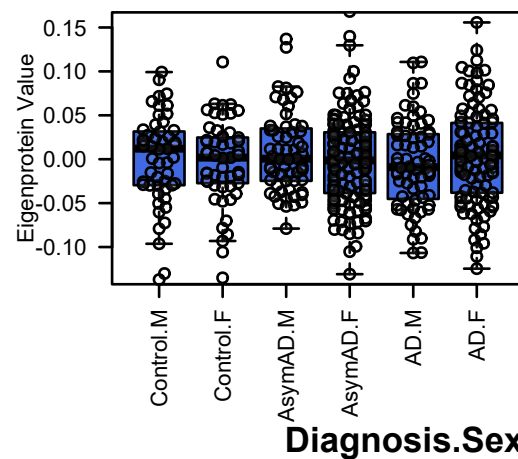
M20 royalblue.CSF38
Ambiguous



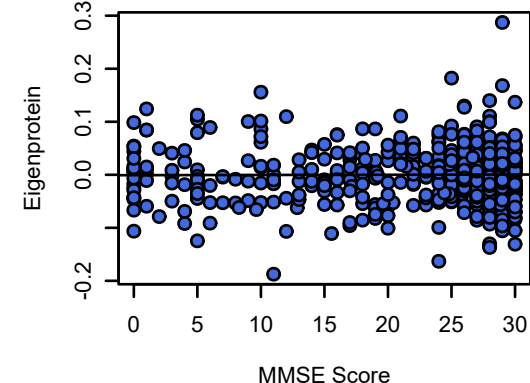
MEroyalblue.Brain (Synthetic)
ANOVA p: 0.81



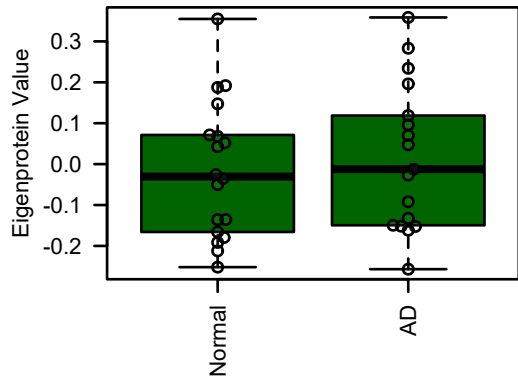
MEroyalblue.Brain (Synthetic)
ANOVA p: 0.42



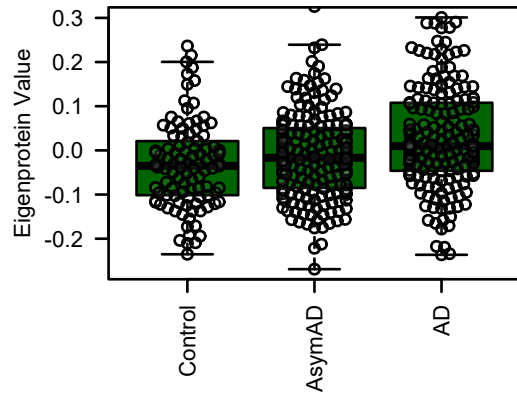
bicor=-0.0036, p=0.94
cor=0.0063, p=0.89



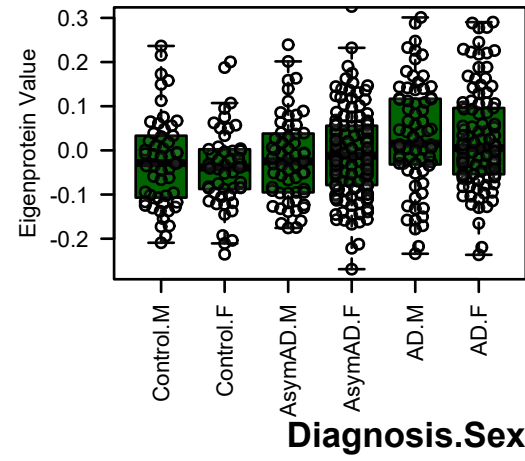
M22 darkgreen.CSF38
ECM/Actin Binding



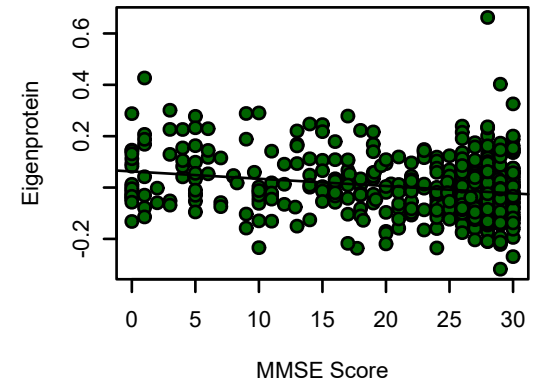
MEdarkgreen.Brain (Synthetic)
ANOVA p: 4.2e-05



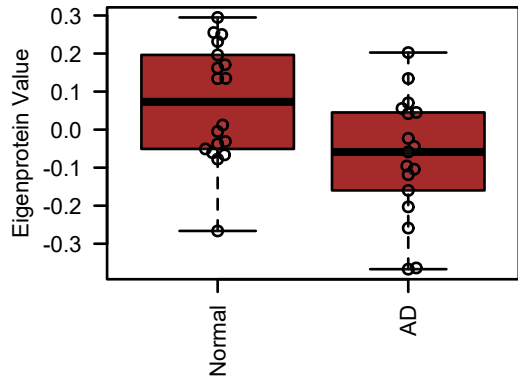
MEdarkgreen.Brain (Synthetic)
ANOVA p: 0.00093



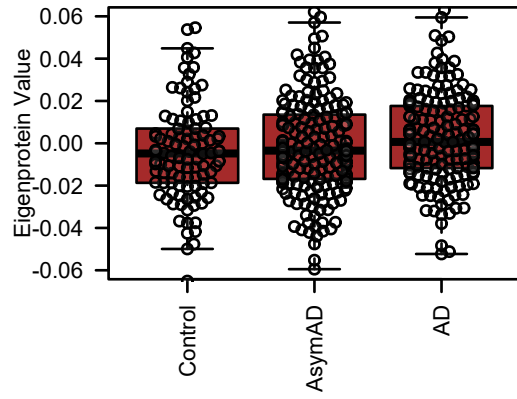
bicor=-0.14, p=0.0014
cor=-0.22, p=9.2e-07



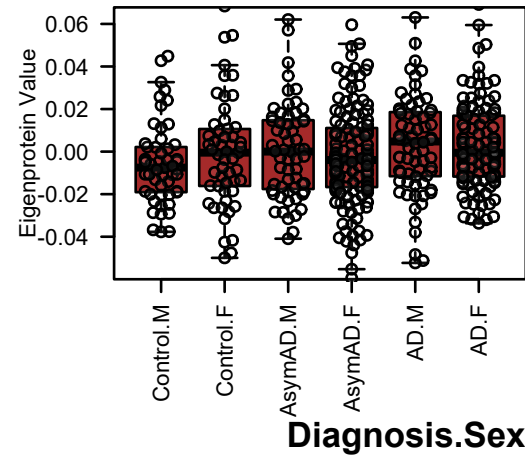
M3 brown.CSF38
Complement/Protein Activation Cascade



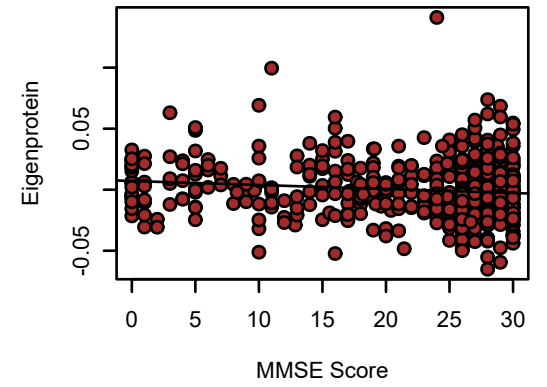
MEbrown.Brain (Synthetic)
ANOVA p: 0.052



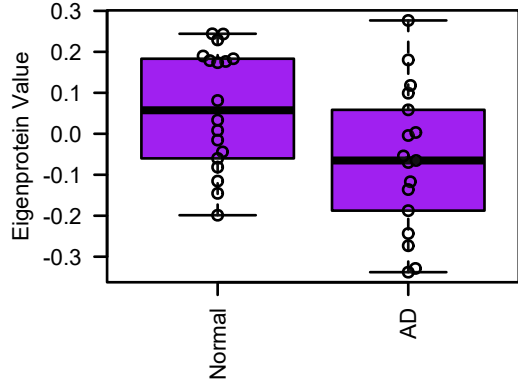
MEbrown.Brain (Synthetic)
ANOVA p: 0.17



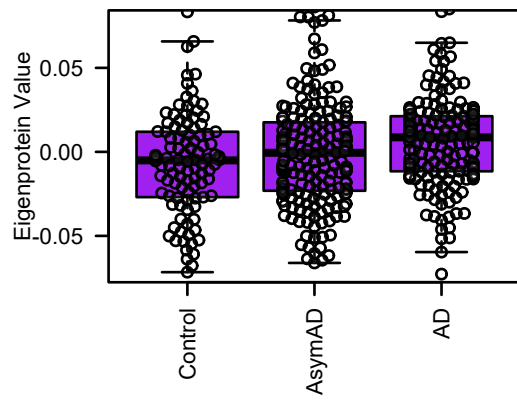
bicor=-0.097, p=0.033
cor=-0.12, p=0.008



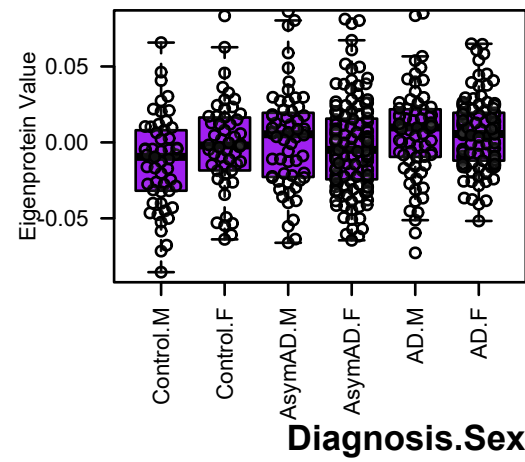
M10 purple.CSF38
Ossification/Bone Development



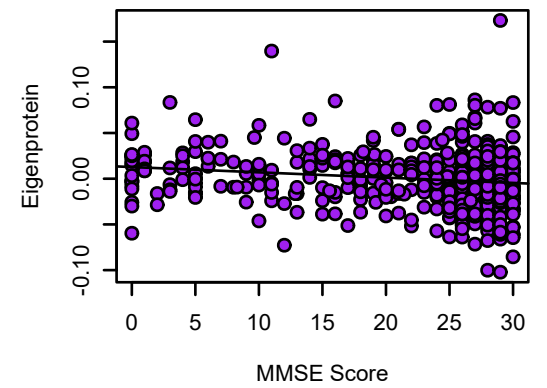
MEpurple.Brain (Synthetic)
ANOVA p: 0.00053



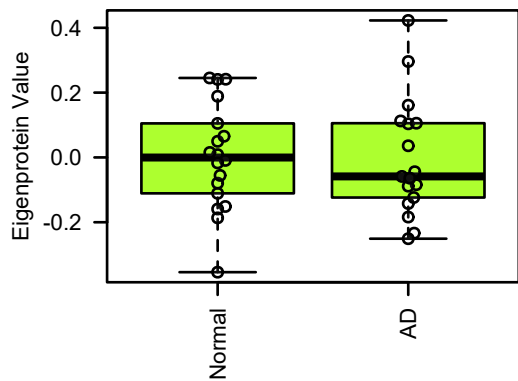
MEpurple.Brain (Synthetic)
ANOVA p: 0.0025



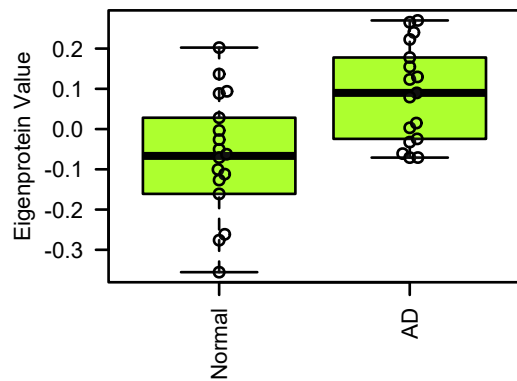
bicor=-0.13, p=0.0046
cor=-0.16, p=0.00039



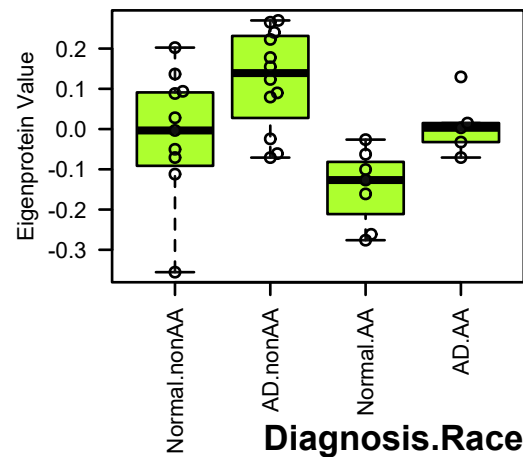
M11 greenyellow.CSF38
Ambiguous



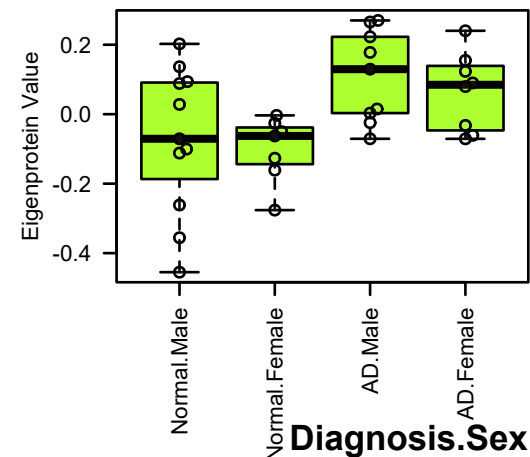
MEgreenyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0017



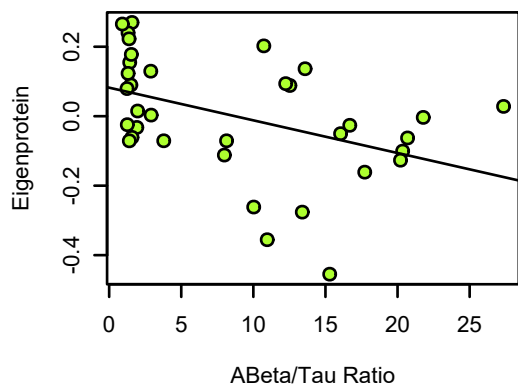
MEgreenyellow.Plasma (Synthetic)
ANOVA p: 0.0036



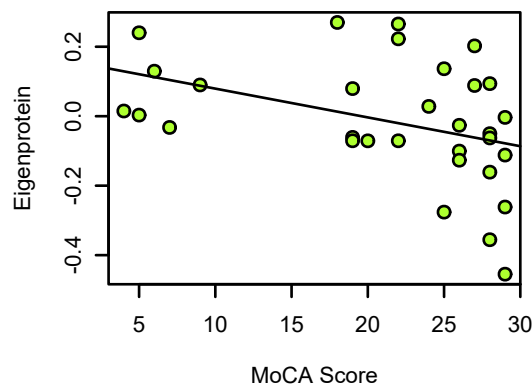
MEgreenyellow.Plasma (Synthetic)
ANOVA p: 0.018



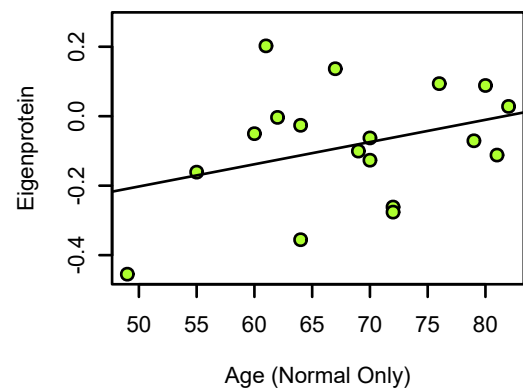
bicor=-0.45, p=0.0062
cor=-0.43, p=0.0099



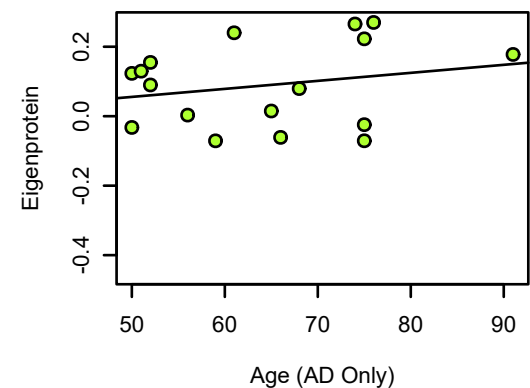
bicor=-0.48, p=0.0068
cor=-0.39, p=0.03



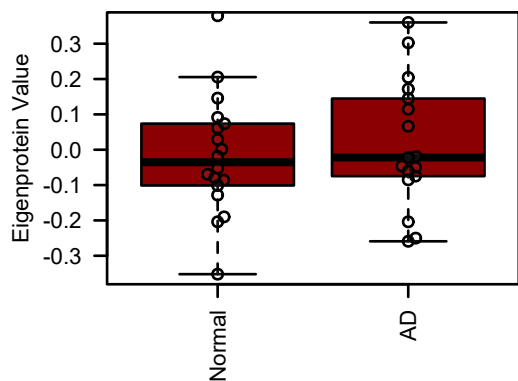
bicor=0.27, p=0.27
cor=0.34, p=0.17



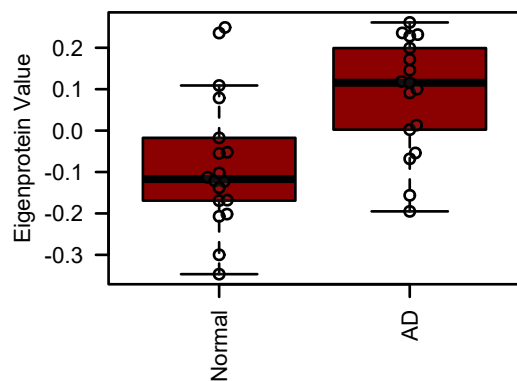
bicor=0.22, p=0.39
cor=0.23, p=0.37



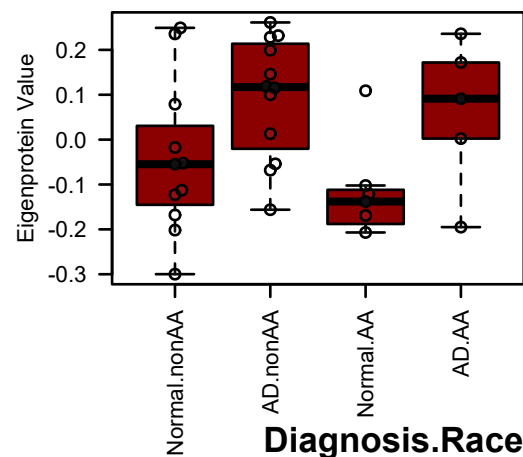
M21 darkred.CSF38
Neuron Recognition



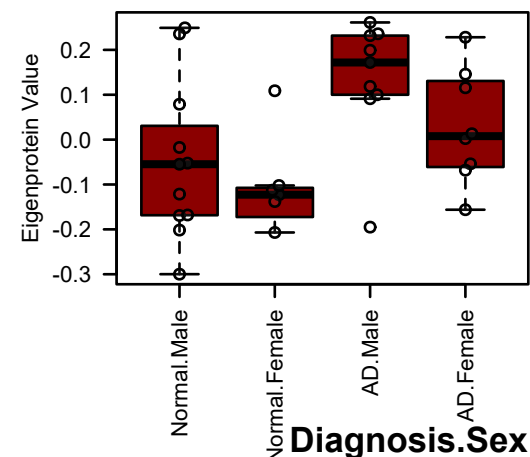
MEdarkred.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.003



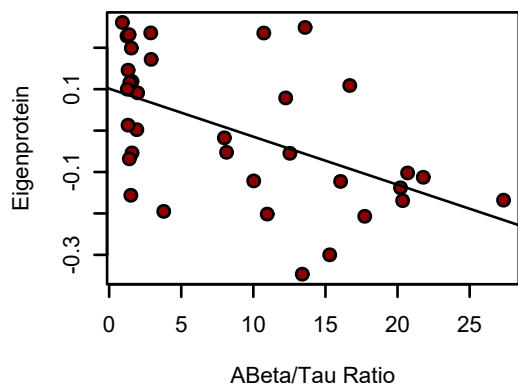
MEdarkred.Plasma (Synthetic)
ANOVA p: 0.015



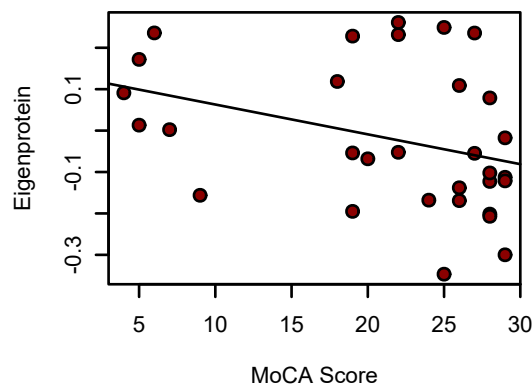
MEdarkred.Plasma (Synthetic)
ANOVA p: 0.0075



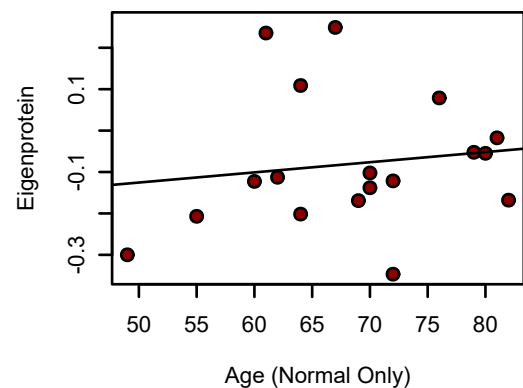
bicor=-0.53, p=0.0011
cor=-0.53, p=0.0011



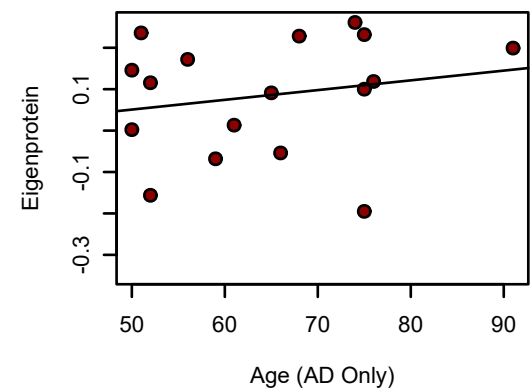
bicor=-0.38, p=0.034
cor=-0.34, p=0.061



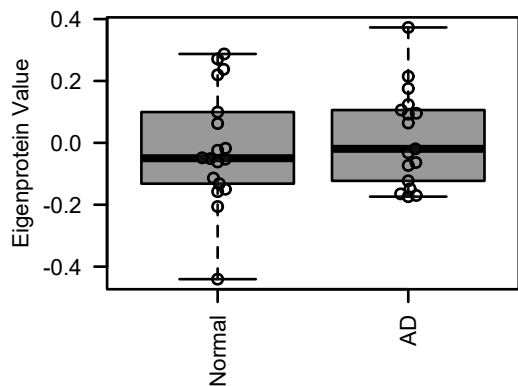
bicor=0.21, p=0.39
cor=0.14, p=0.58



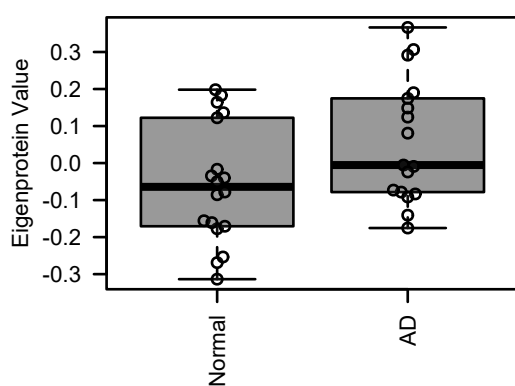
bicor=0.22, p=0.39
cor=0.2, p=0.44



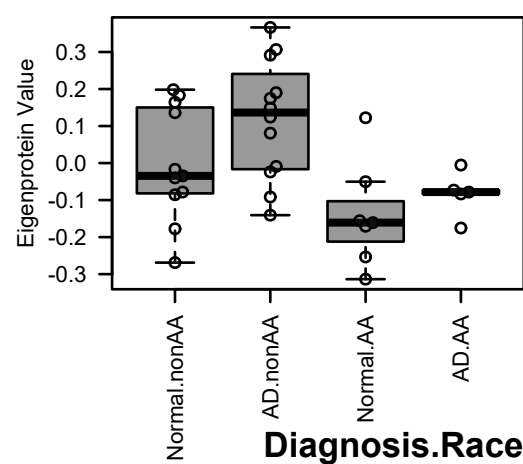
M17 grey60.CSF38
Ambiguous



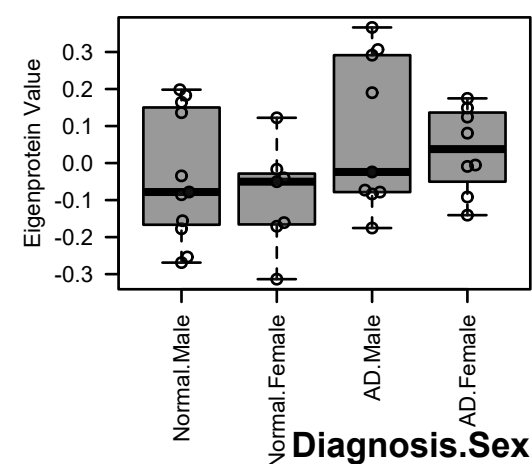
MEgrey60.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.046



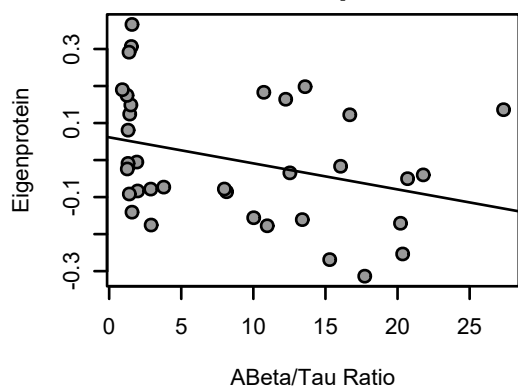
MEgrey60.Plasma (Synthetic)
ANOVA p: 0.0045



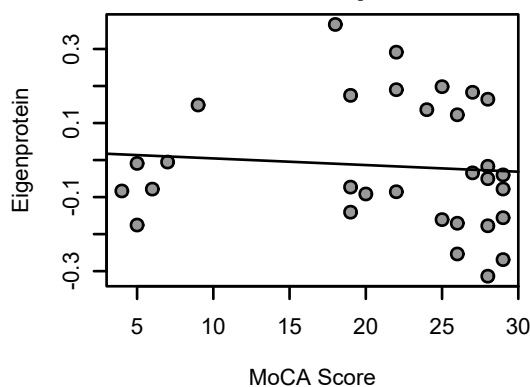
MEgrey60.Plasma (Synthetic)
ANOVA p: 0.2



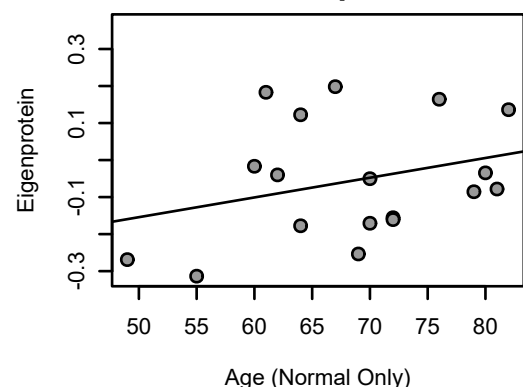
bicor=-0.31, p=0.073
cor=-0.32, p=0.061



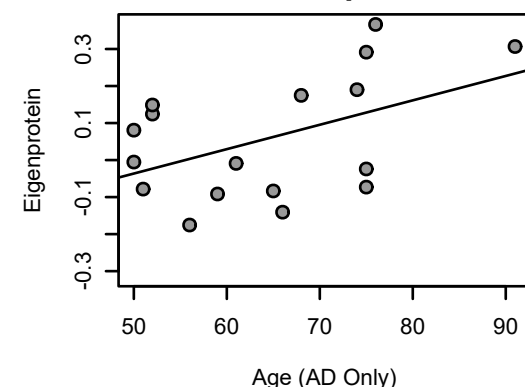
bicor=-0.34, p=0.061
cor=-0.087, p=0.64



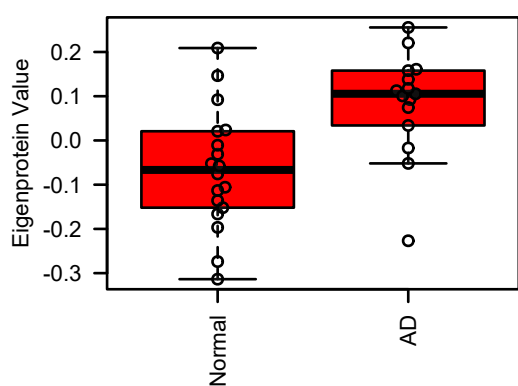
bicor=0.27, p=0.28
cor=0.3, p=0.23



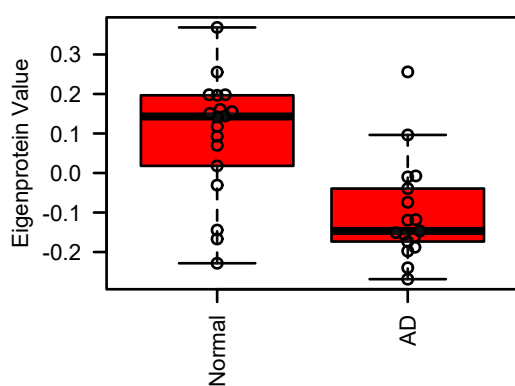
bicor=0.39, p=0.12
cor=0.47, p=0.057



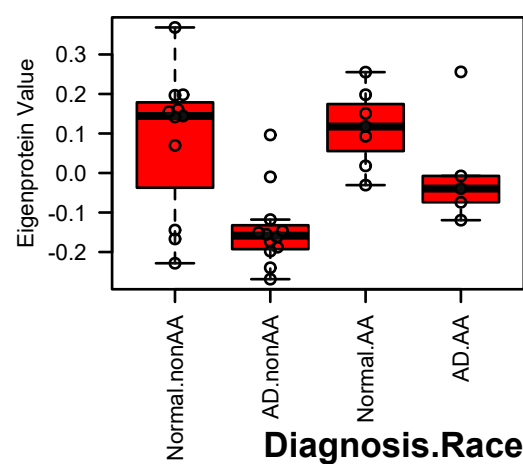
M6 red.CSF38
Muscle/Neurotransmitter Transport



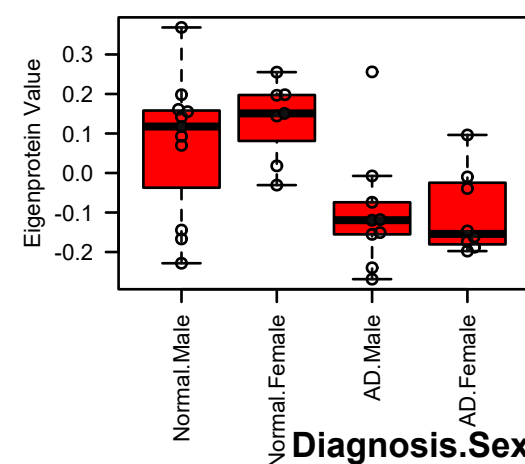
MEred.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00031



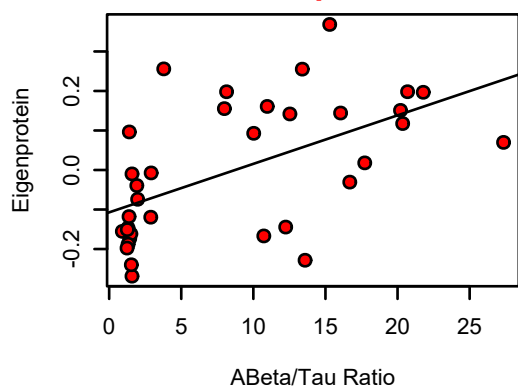
MEred.Plasma (Synthetic)
ANOVA p: 0.00086



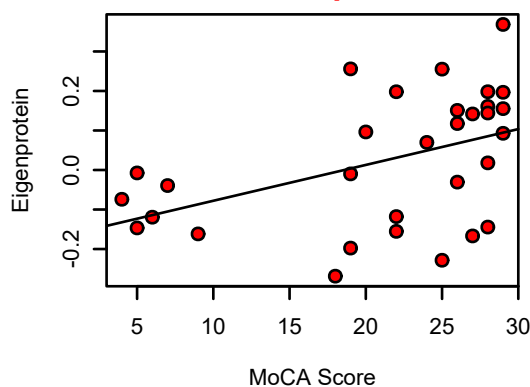
MEred.Plasma (Synthetic)
ANOVA p: 0.0038



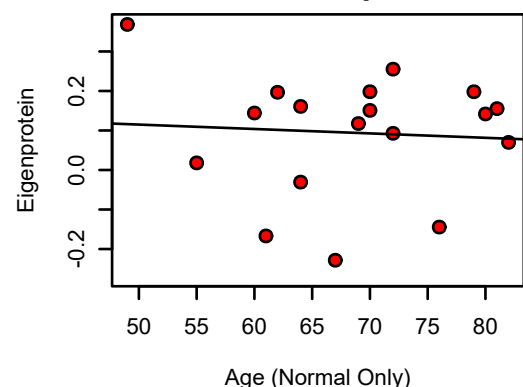
bicor=0.58, p=0.00026
cor=0.56, p=0.00047



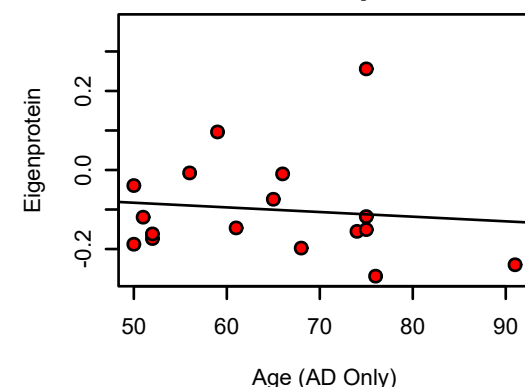
bicor=0.46, p=0.0085
cor=0.45, p=0.011



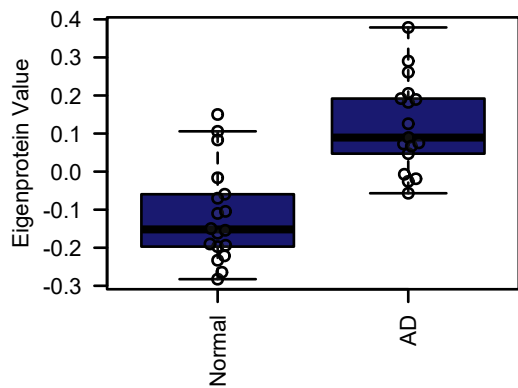
bicor=-0.033, p=0.9
cor=-0.067, p=0.79



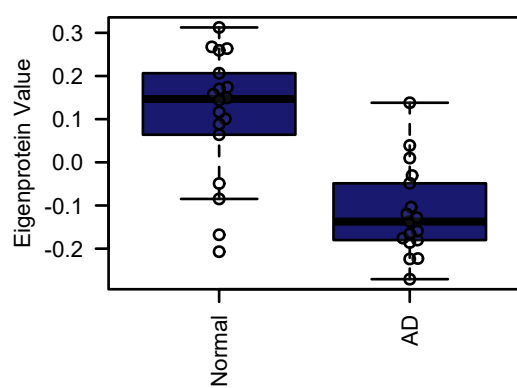
bicor=-0.4, p=0.11
cor=-0.11, p=0.67



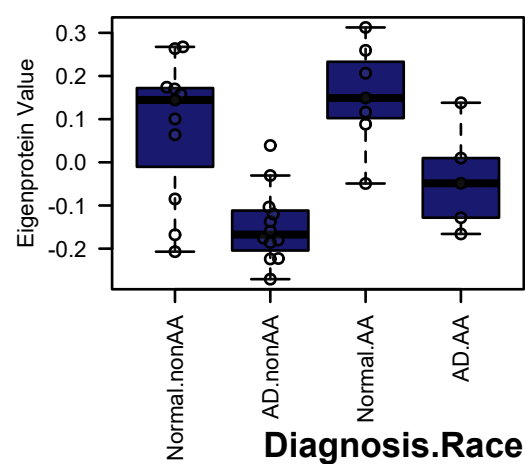
M15 midnightblue.CSF38
Post-Synaptic Membrane



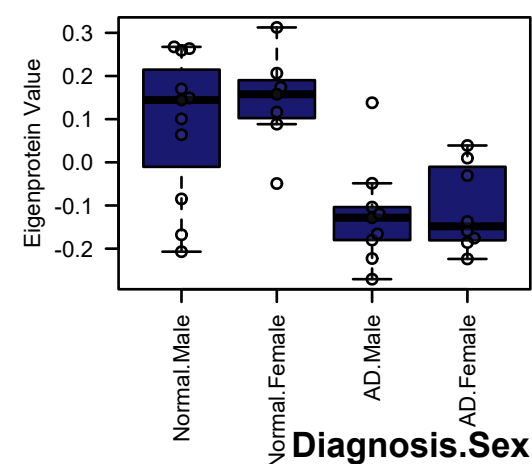
MEmidnightblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.3e-05



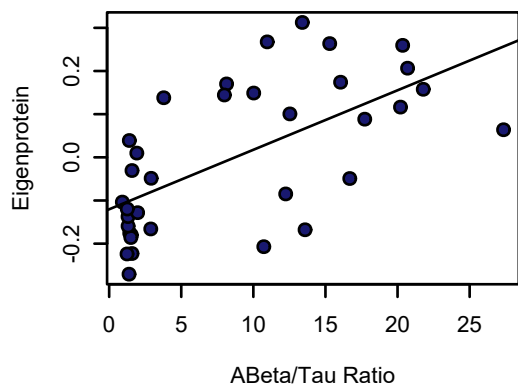
MEmidnightblue.Plasma (Synthetic)
ANOVA p: 5.8e-05



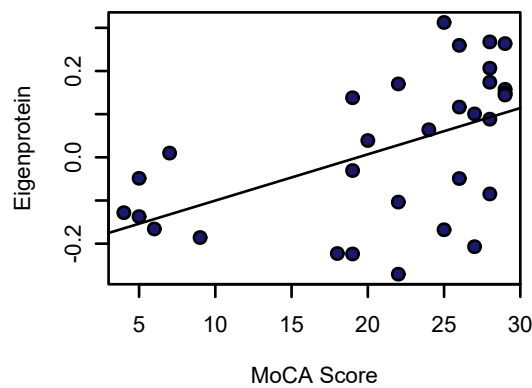
MEmidnightblue.Plasma (Synthetic)
ANOVA p: 0.00025



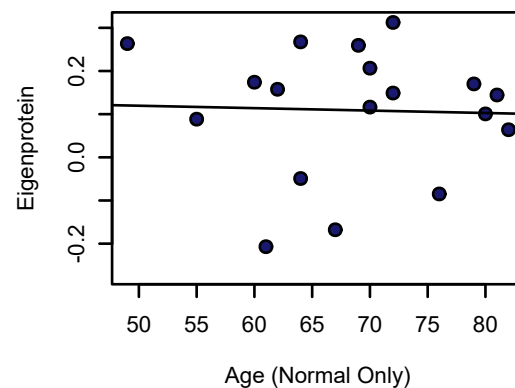
bicor=0.65, p=2.5e-05
cor=0.63, p=5e-05



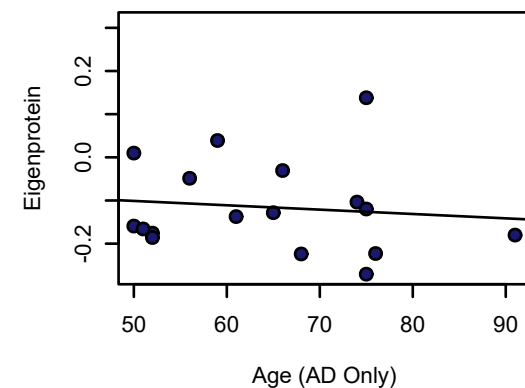
bicor=0.58, p=0.00057
cor=0.52, p=0.0027



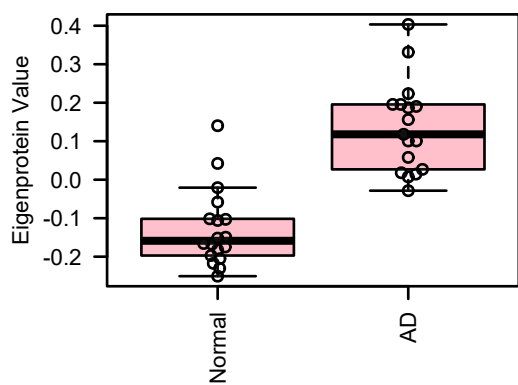
bicor=-0.081, p=0.75
cor=-0.035, p=0.89



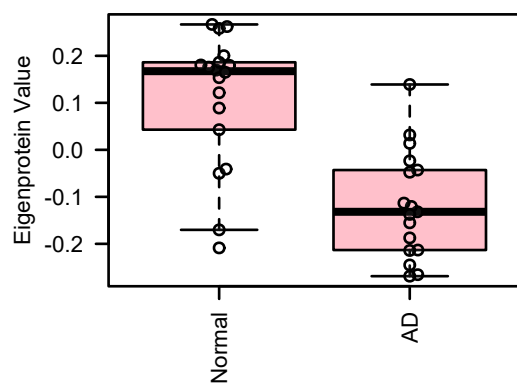
bicor=-0.22, p=0.4
cor=-0.11, p=0.67



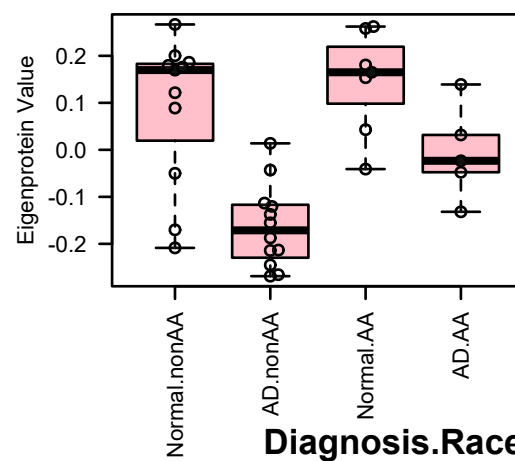
M8 pink.CSF38
Autophagy



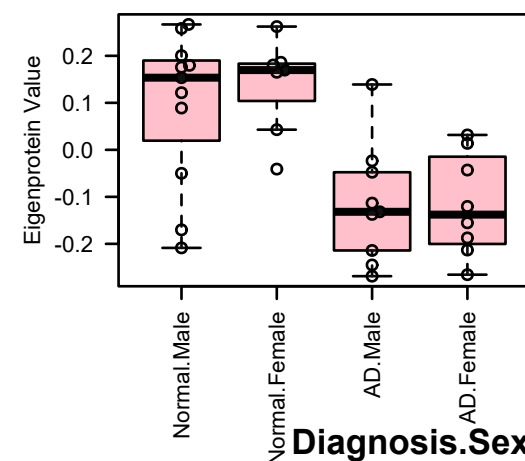
MEpink.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.1e-05



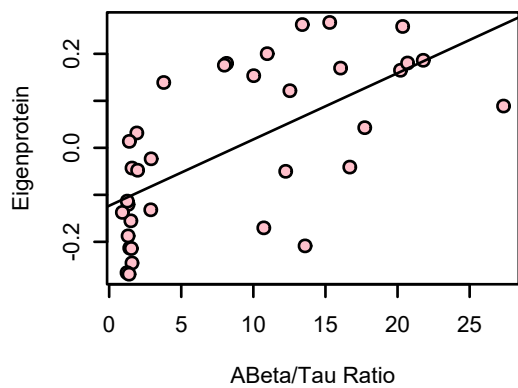
MEpink.Plasma (Synthetic)
ANOVA p: 1.5e-05



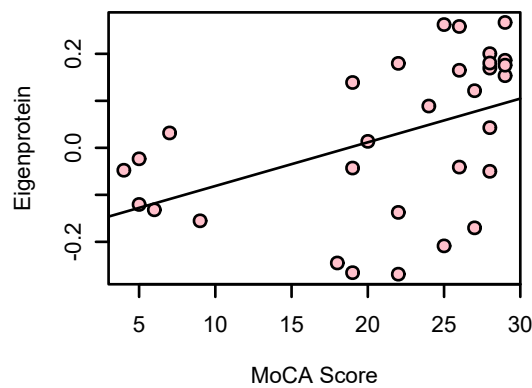
MEpink.Plasma (Synthetic)
ANOVA p: 0.00024



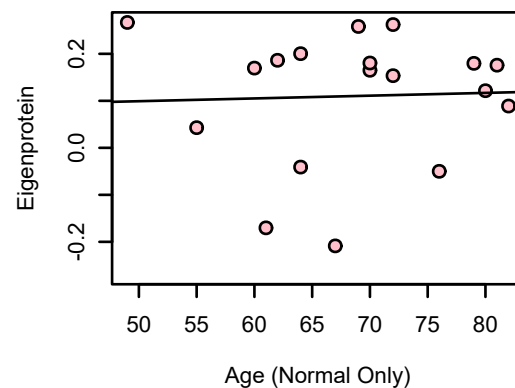
bicor=0.66, p=1.7e-05
cor=0.64, p=3.5e-05



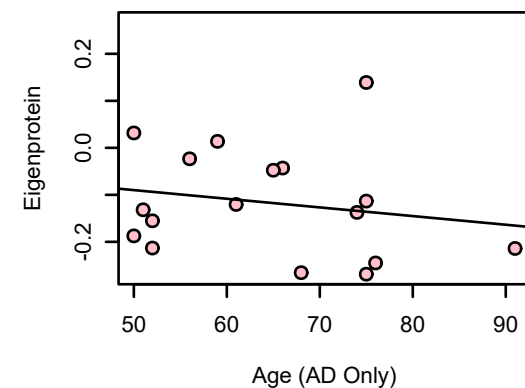
bicor=0.57, p=0.00073
cor=0.46, p=0.0092



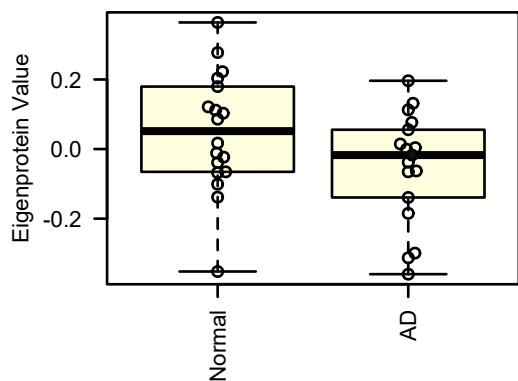
bicor=-0.01, p=0.97
cor=0.038, p=0.88



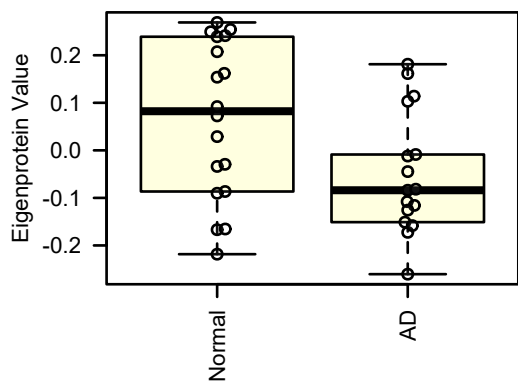
bicor=-0.23, p=0.38
cor=-0.19, p=0.47



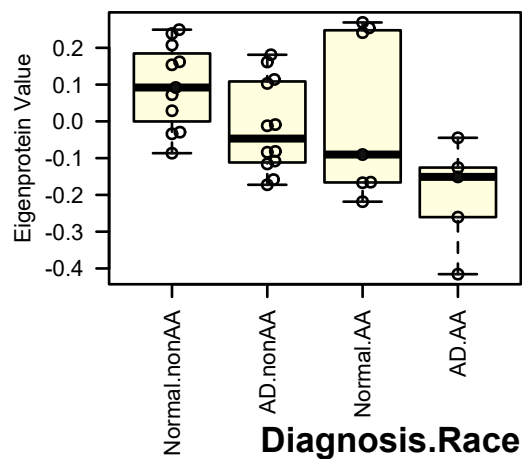
**M19 lightyellow.CSF38
Synapse Organization**



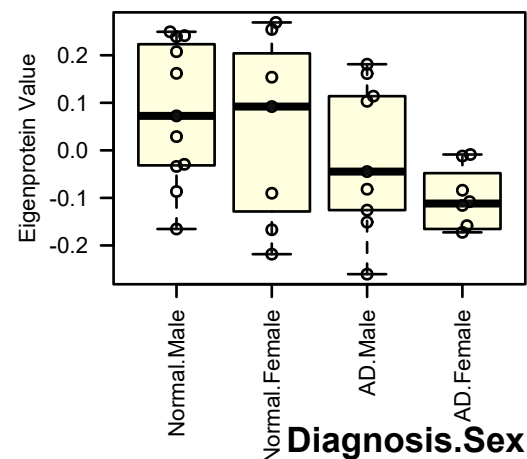
**MElightyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.018**



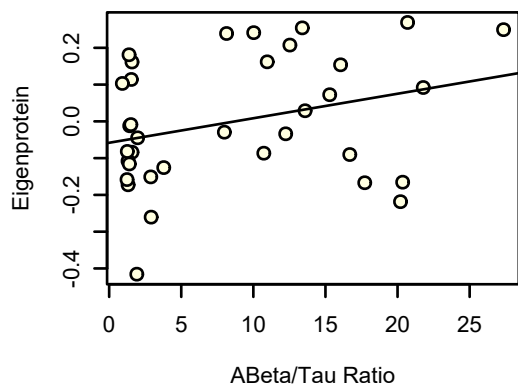
**MElightyellow.Plasma (Synthetic)
ANOVA p: 0.0095**



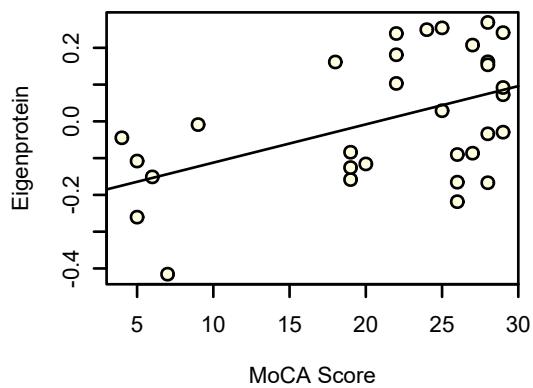
**MElightyellow.Plasma (Synthetic)
ANOVA p: 0.042**



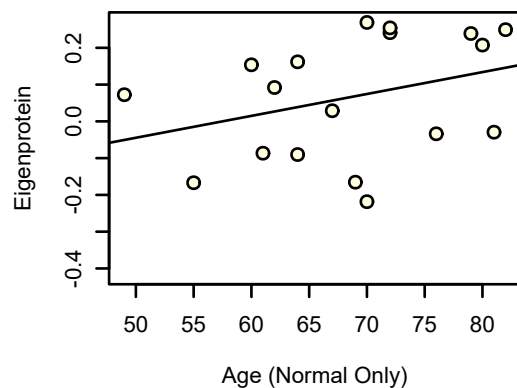
**bicor=0.3, p=0.08
cor=0.3, p=0.08**



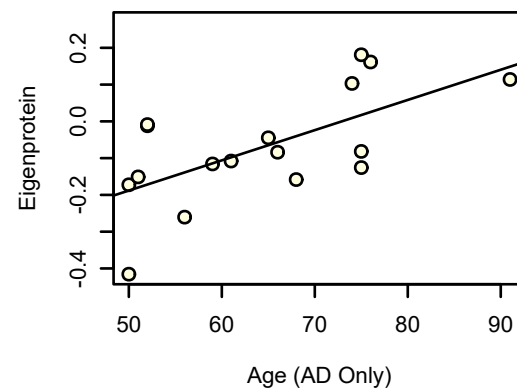
**bicor=0.29, p=0.12
cor=0.49, p=0.0051**



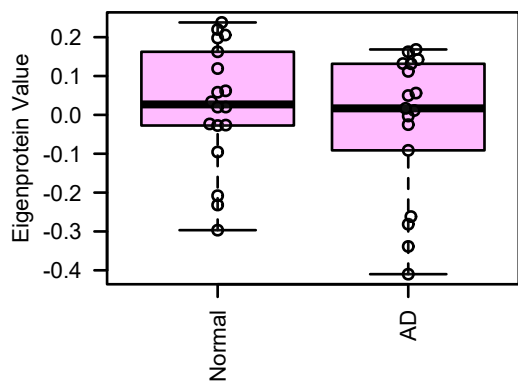
**bicor=0.35, p=0.16
cor=0.33, p=0.18**



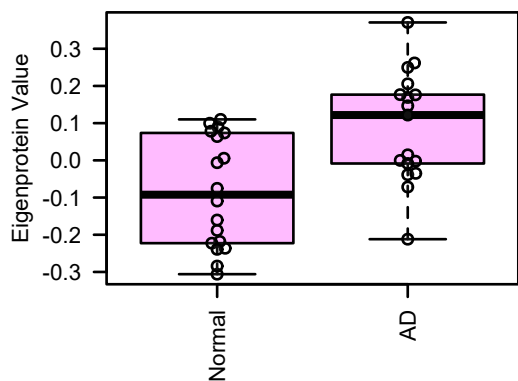
**bicor=0.62, p=0.0075
cor=0.64, p=0.0057**



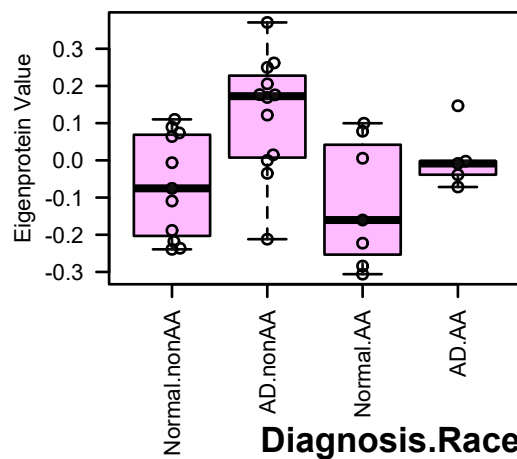
**M38 plum1.CSF38
Ambiguous**



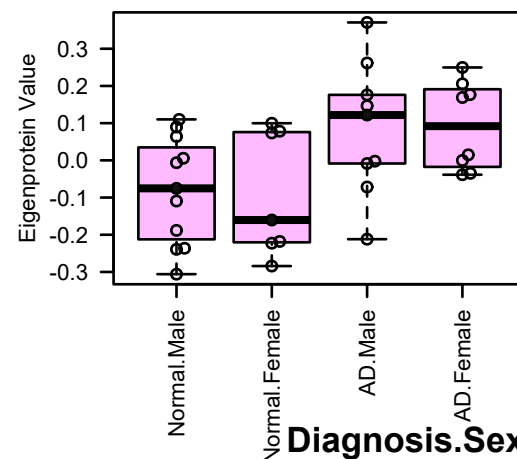
**MEplum1.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0015**



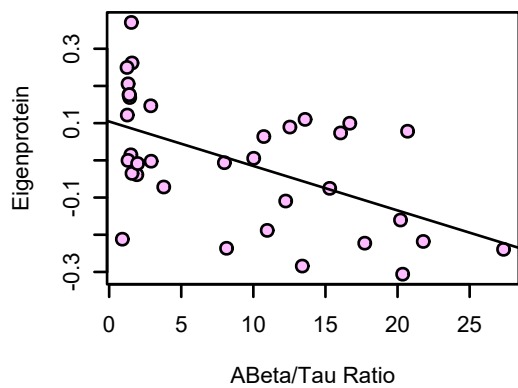
**MEplum1.Plasma (Synthetic)
ANOVA p: 0.0061**



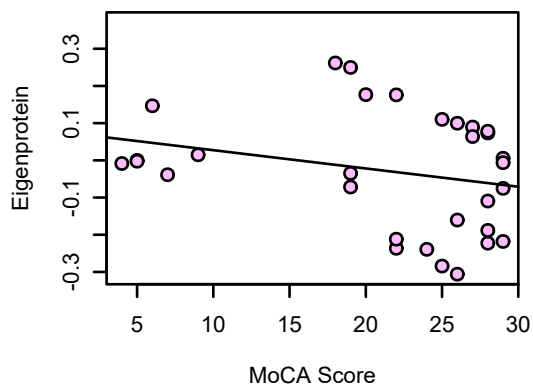
**MEplum1.Plasma (Synthetic)
ANOVA p: 0.021**



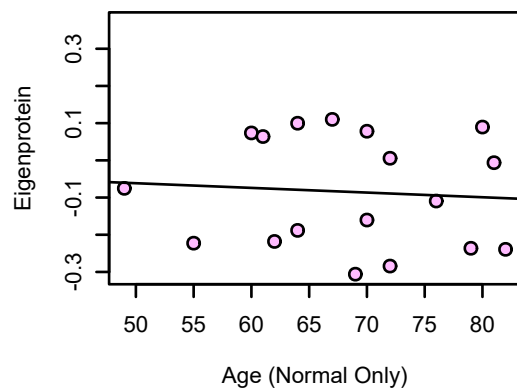
**bicor=-0.53, p=0.00093
cor=-0.55, p=0.00062**



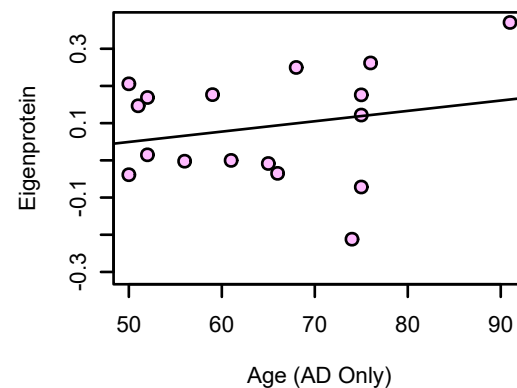
**bicor=-0.28, p=0.13
cor=-0.26, p=0.16**



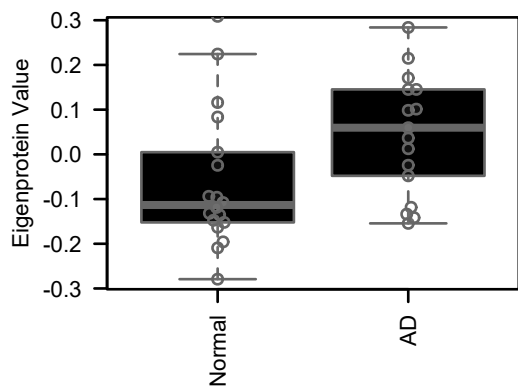
**bicor=-0.089, p=0.72
cor=-0.077, p=0.76**



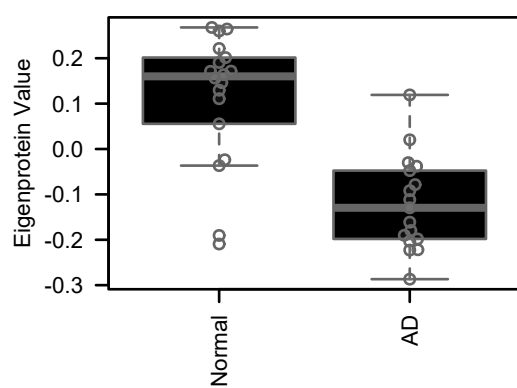
**bicor=0.22, p=0.39
cor=0.22, p=0.4**



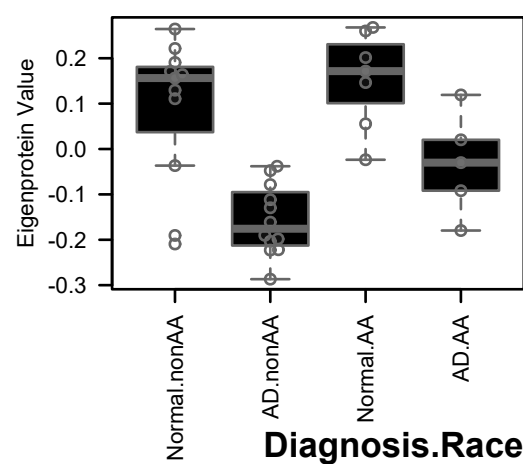
M7 black.CSF38
SNAP Receptor/SNARE Complex



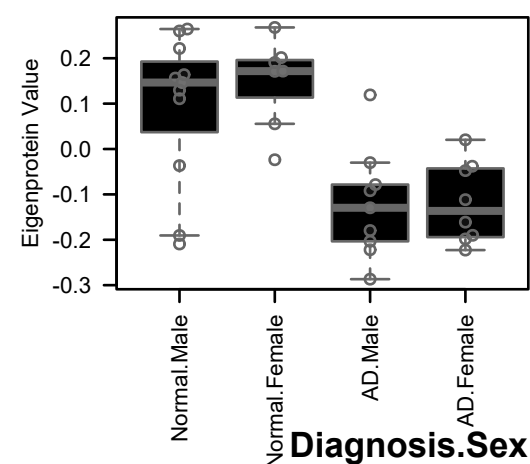
MEblack.Plasma 35 Samp. (Synthetic)
ANOVA p: 3.8e-06



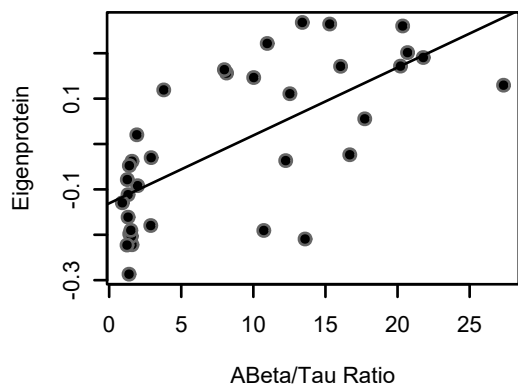
MEblack.Plasma (Synthetic)
ANOVA p: 1.2e-05



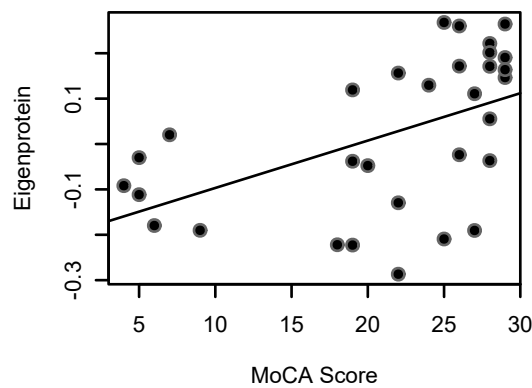
MEblack.Plasma (Synthetic)
ANOVA p: 8.4e-05



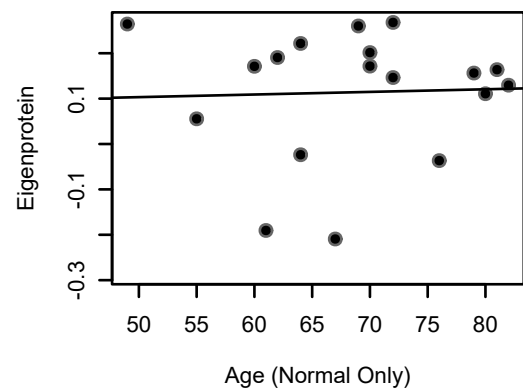
bicor=0.69, p=3.7e-06
cor=0.68, p=7e-06



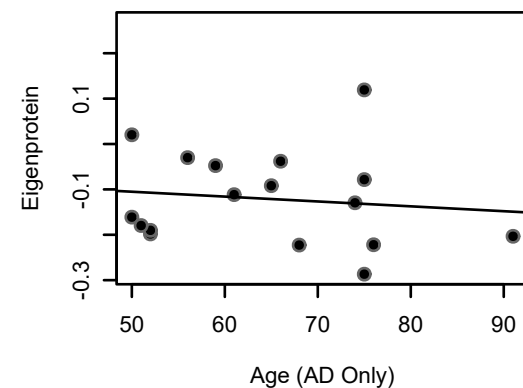
bicor=0.59, p=0.00045
cor=0.51, p=0.0034



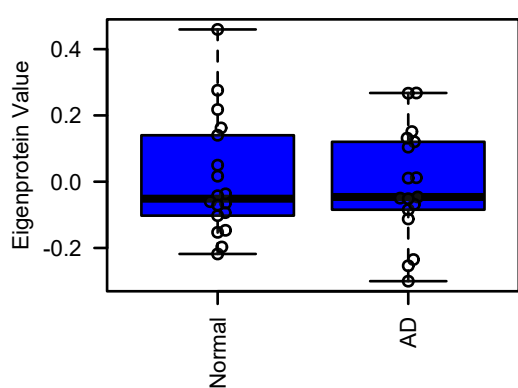
bicor=-0.076, p=0.76
cor=0.037, p=0.88



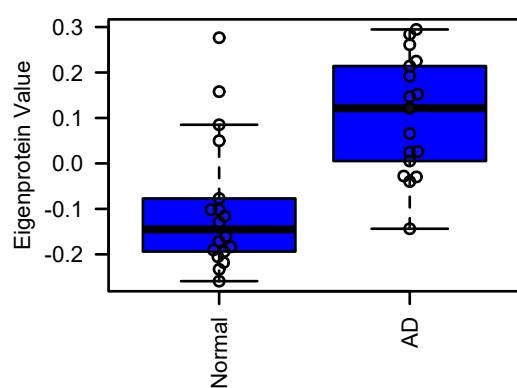
bicor=-0.15, p=0.57
cor=-0.12, p=0.65



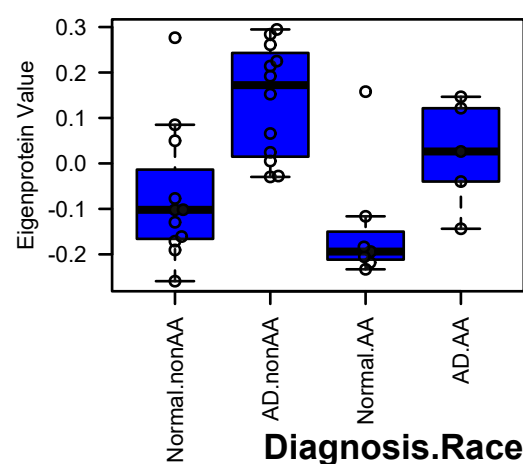
M2 blue.CSF38
Neuronal/Axon Development



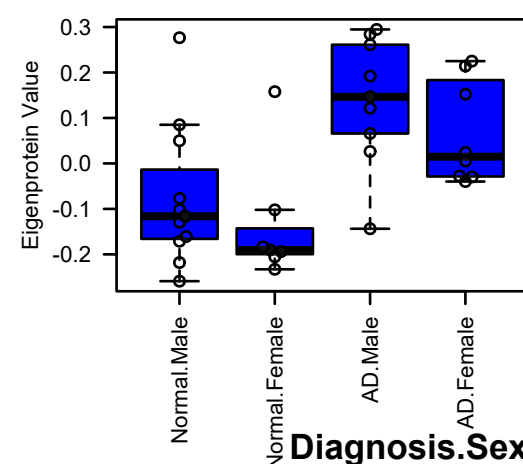
MEblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00014



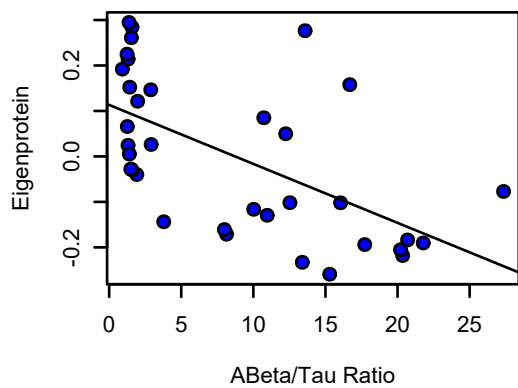
MEblue.Plasma (Synthetic)
ANOVA p: 0.00053



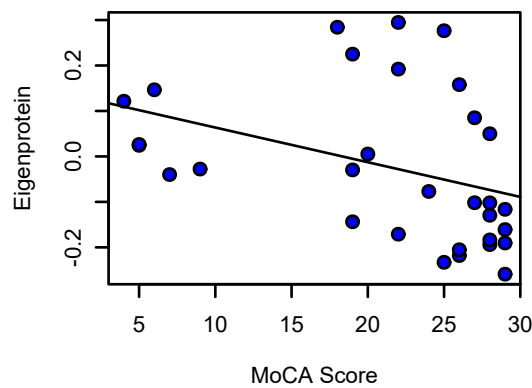
MEblue.Plasma (Synthetic)
ANOVA p: 0.0012



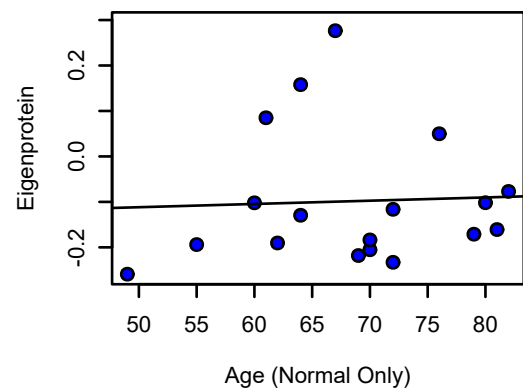
bicor=-0.59, p=2e-04
cor=-0.59, p=0.00019



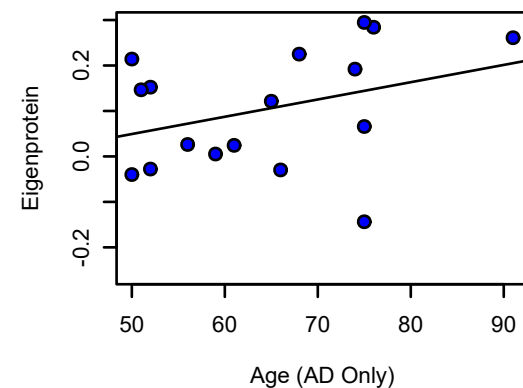
bicor=-0.51, p=0.0038
cor=-0.38, p=0.035



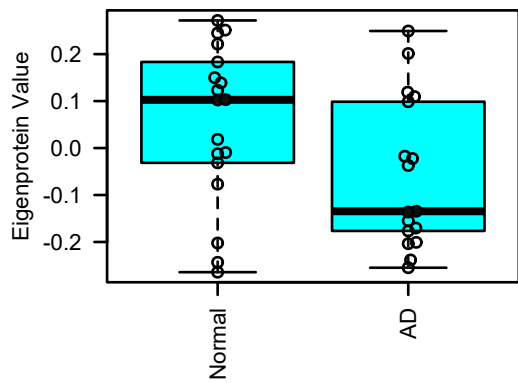
bicor=0.17, p=0.5
cor=0.045, p=0.86



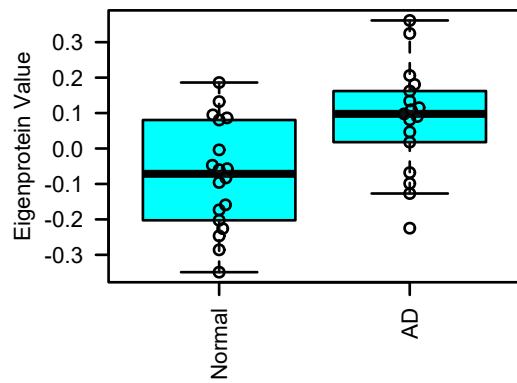
bicor=0.36, p=0.15
cor=0.35, p=0.17



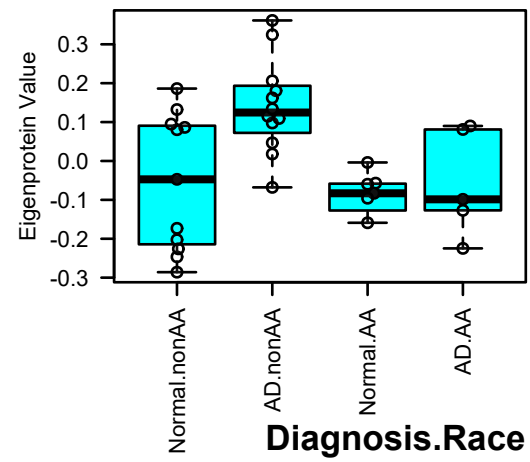
**M14 cyan.CSF38
Golgi/Glycosylation**



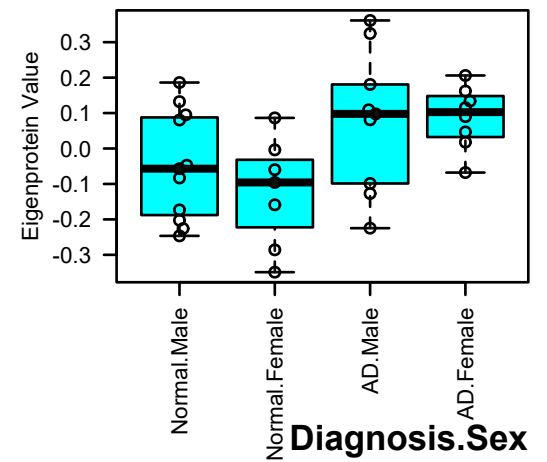
**MEcyan.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0038**



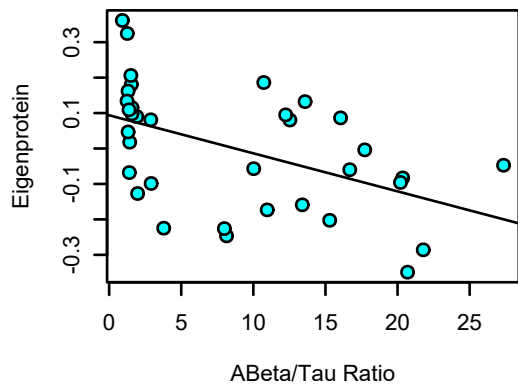
**MEcyan.Plasma (Synthetic)
ANOVA p: 0.0018**



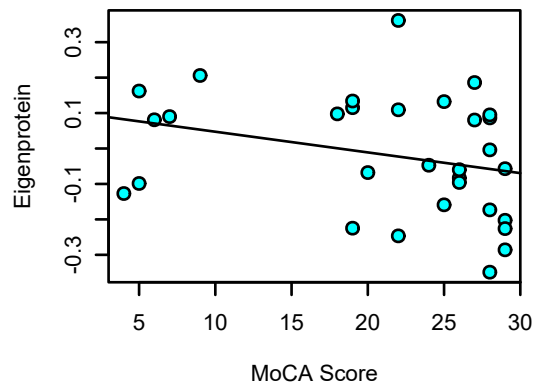
**MEcyan.Plasma (Synthetic)
ANOVA p: 0.028**



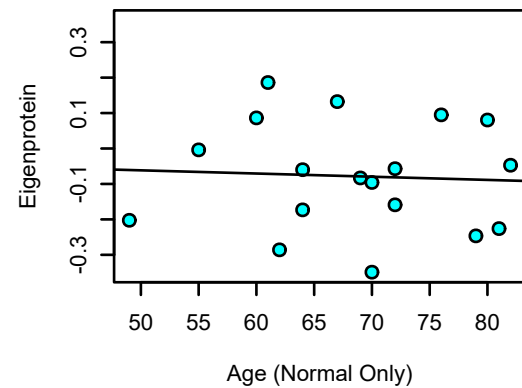
**bicor=-0.49, p=0.0026
cor=-0.49, p=0.0028**



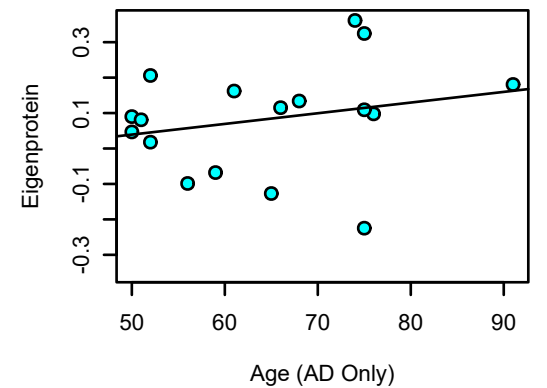
**bicor=-0.42, p=0.018
cor=-0.29, p=0.11**



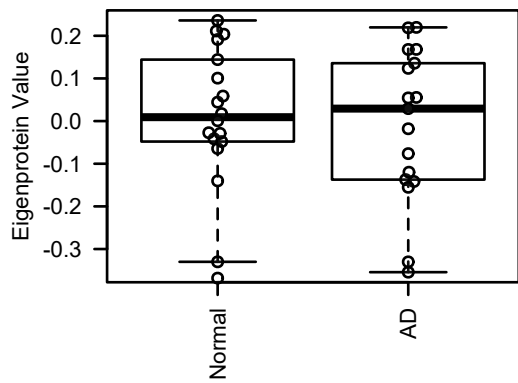
**bicor=-0.063, p=0.8
cor=-0.054, p=0.83**



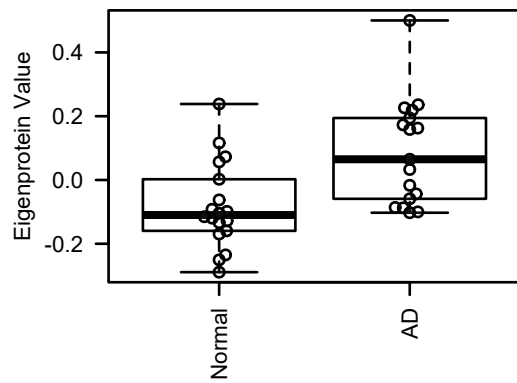
**bicor=0.3, p=0.25
cor=0.24, p=0.35**



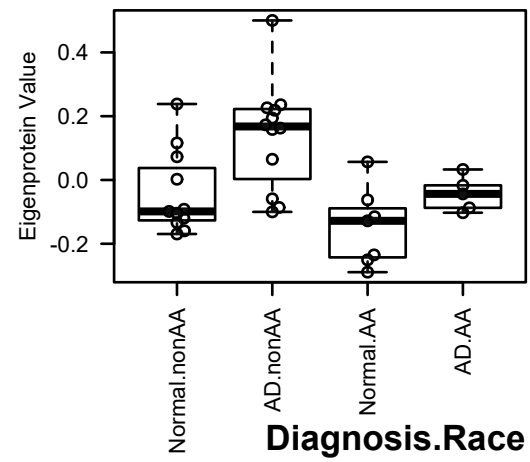
**M27 white.CSF38
Ambiguous**



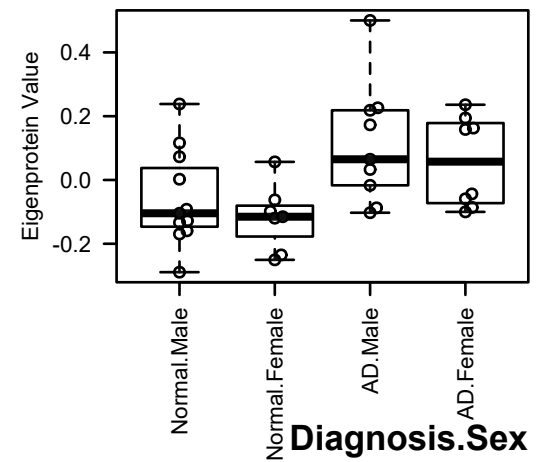
**MEwhite.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0024**



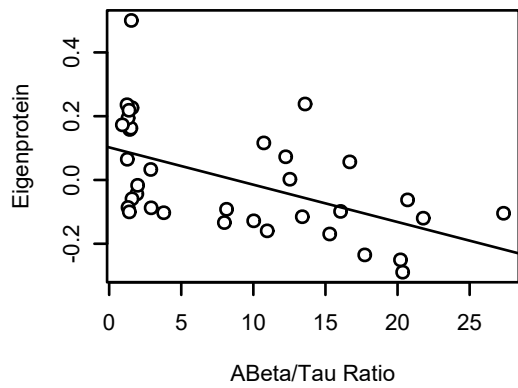
**MEwhite.Plasma (Synthetic)
ANOVA p: 0.00075**



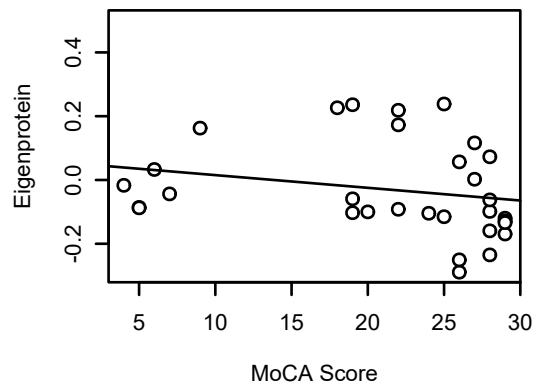
**MEwhite.Plasma (Synthetic)
ANOVA p: 0.018**



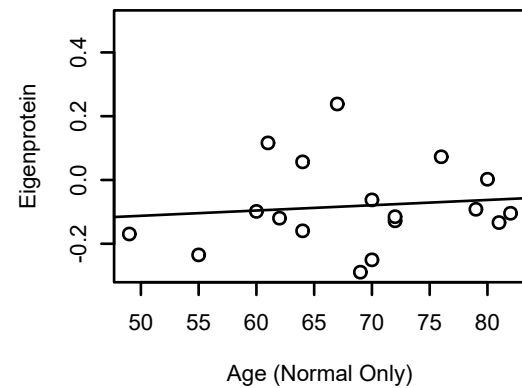
**bicor=-0.51, p=0.0018
cor=-0.53, p=0.0011**



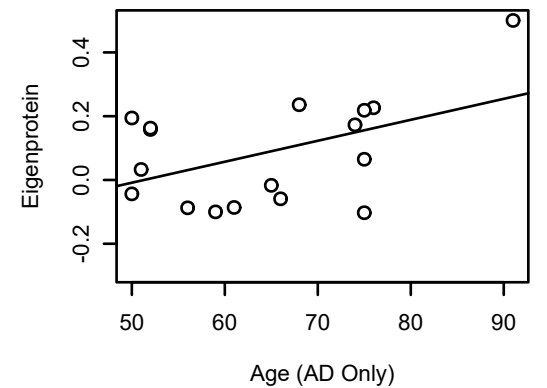
**bicor=-0.47, p=0.0076
cor=-0.22, p=0.23**



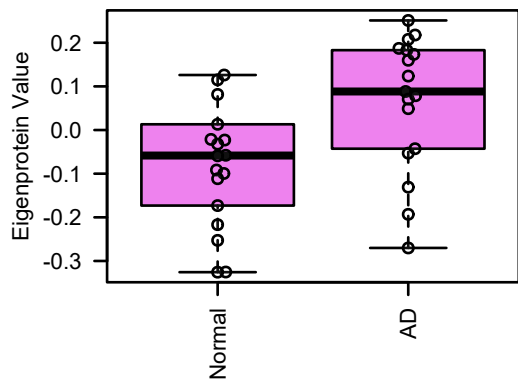
**bicor=0.19, p=0.45
cor=0.11, p=0.66**



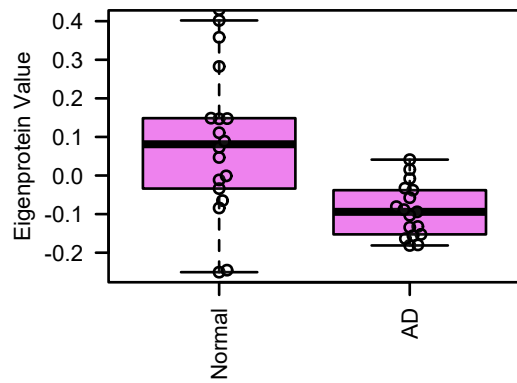
**bicor=0.4, p=0.11
cor=0.47, p=0.057**



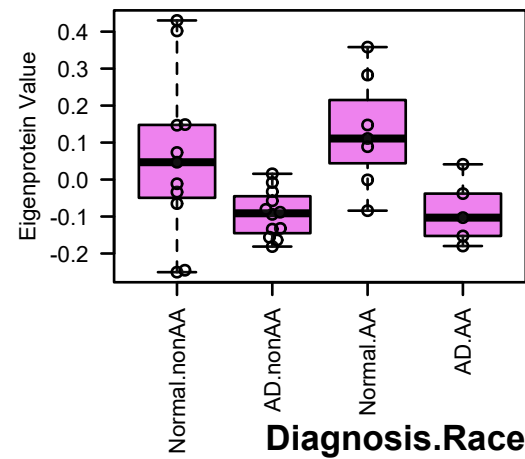
M32 violet.CSF38
Synaptic Membrane/Matrisome



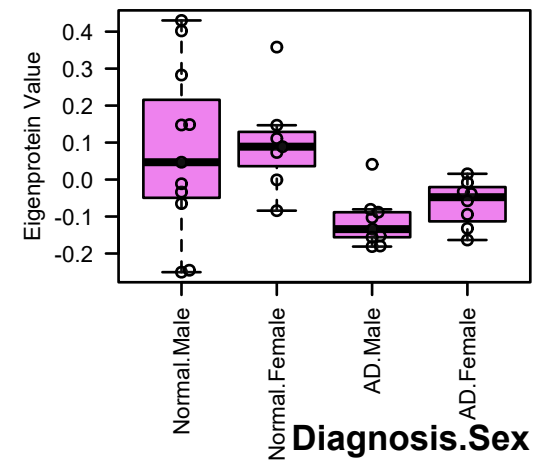
MEviolet.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0013



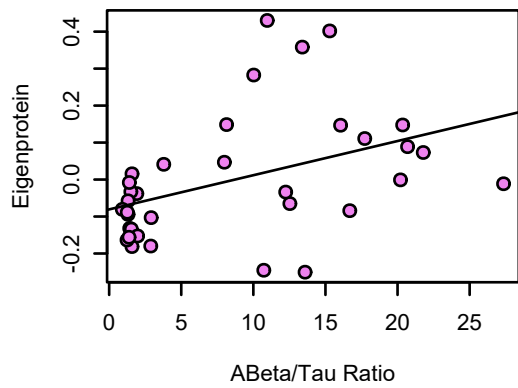
MEviolet.Plasma (Synthetic)
ANOVA p: 0.012



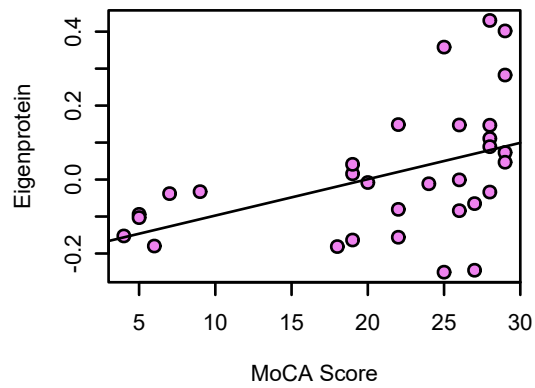
MEviolet.Plasma (Synthetic)
ANOVA p: 0.014



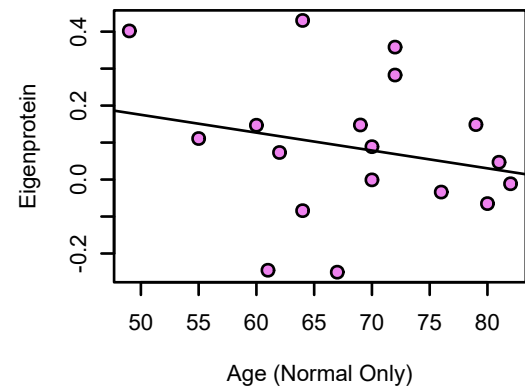
bicor=0.49, p=0.0027
cor=0.42, p=0.012



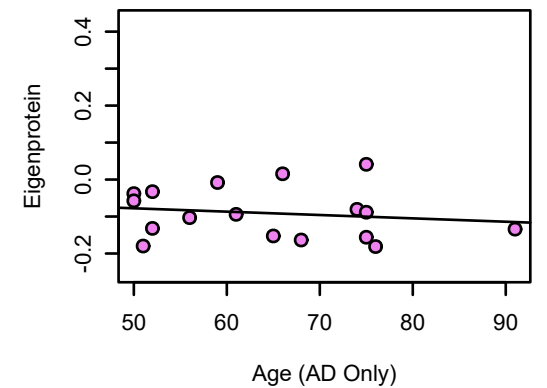
bicor=0.47, p=0.0076
cor=0.46, p=0.0092



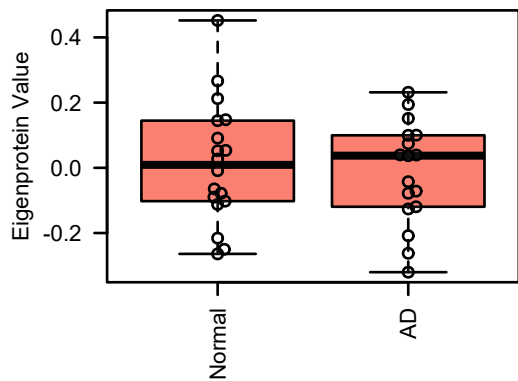
bicor=-0.21, p=0.4
cor=-0.23, p=0.36



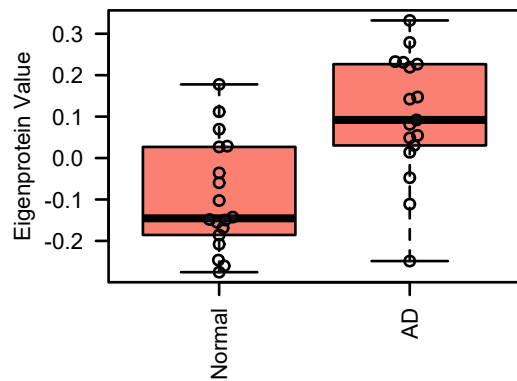
bicor=-0.17, p=0.5
cor=-0.16, p=0.54



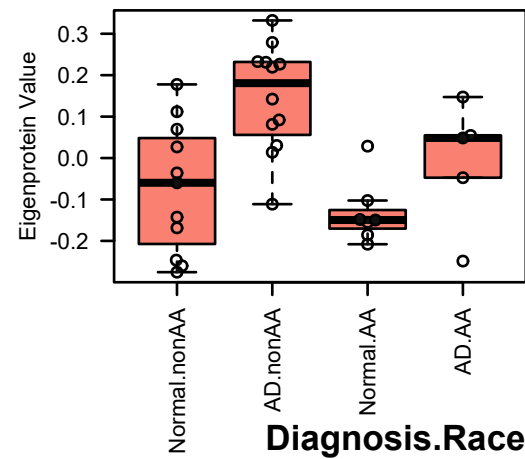
M13 salmon.CSF38
Semaphorin-Plexin/Axon Guidance



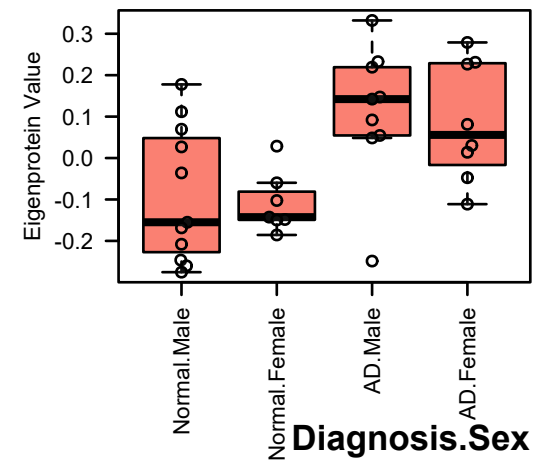
MEsalmon.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00024



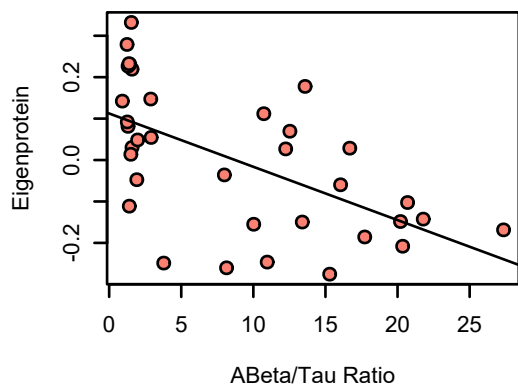
MEsalmon.Plasma (Synthetic)
ANOVA p: 0.00038



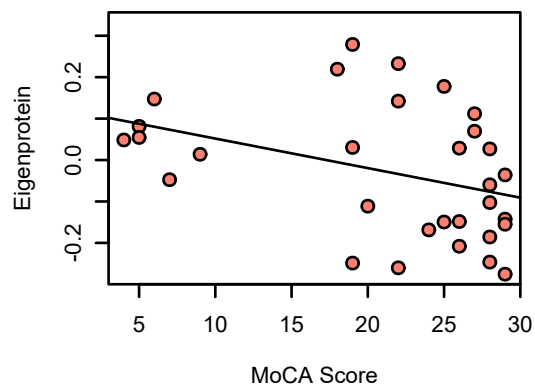
MEsalmon.Plasma (Synthetic)
ANOVA p: 0.0041



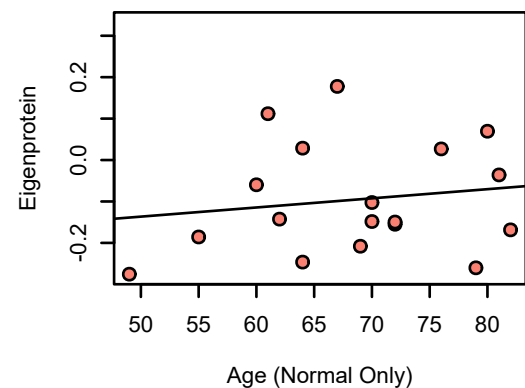
bicor=-0.6, p=0.00014
cor=-0.59, p=0.00019



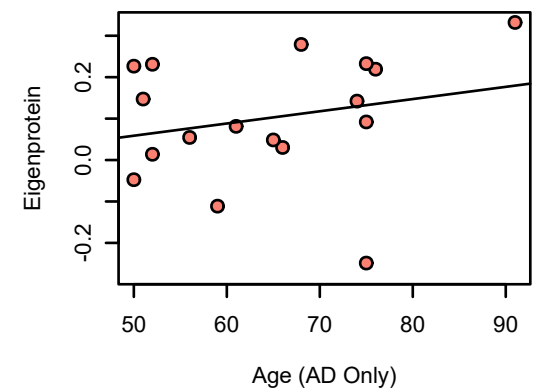
bicor=-0.42, p=0.02
cor=-0.38, p=0.035



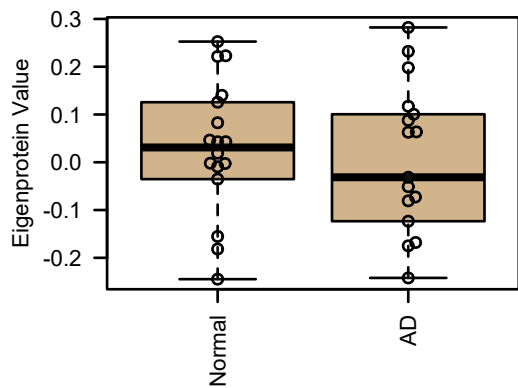
bicor=0.11, p=0.67
cor=0.15, p=0.55



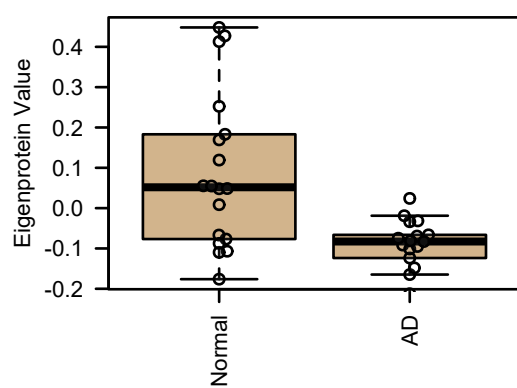
bicor=0.23, p=0.37
cor=0.24, p=0.35



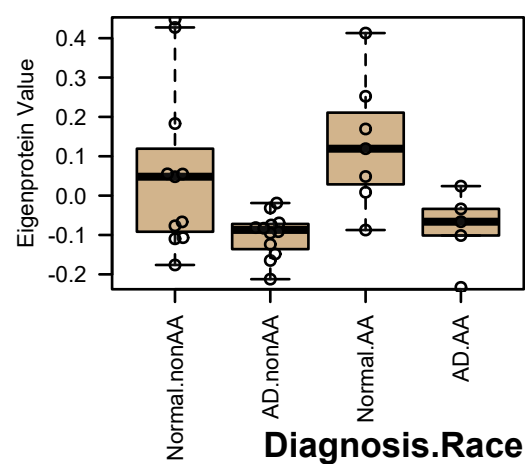
M12 tan.CSF38
Neurexin/Neuronal Adhesion



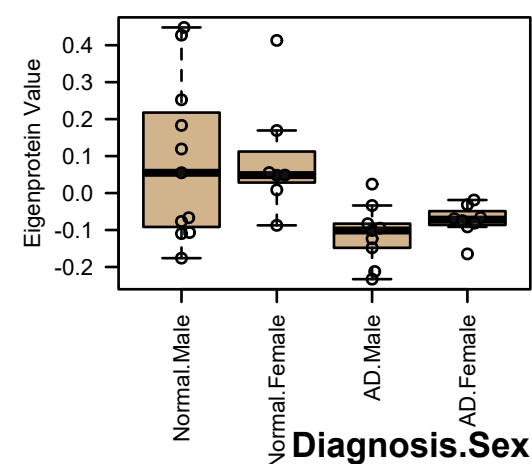
MEtan.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00076



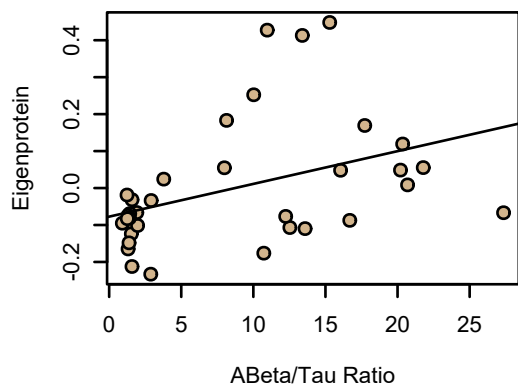
MEtan.Plasma (Synthetic)
ANOVA p: 0.0075



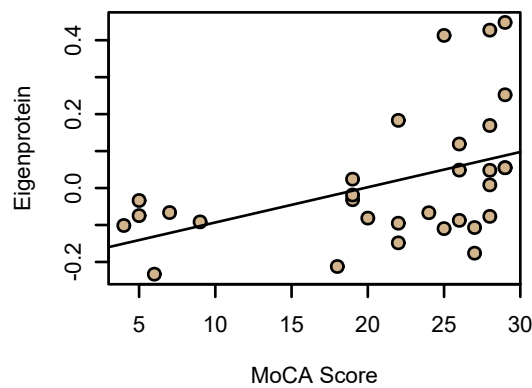
MEtan.Plasma (Synthetic)
ANOVA p: 0.01



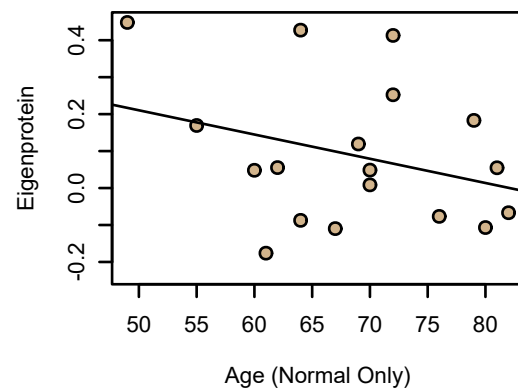
bicor=0.5, p=0.0023
cor=0.4, p=0.017



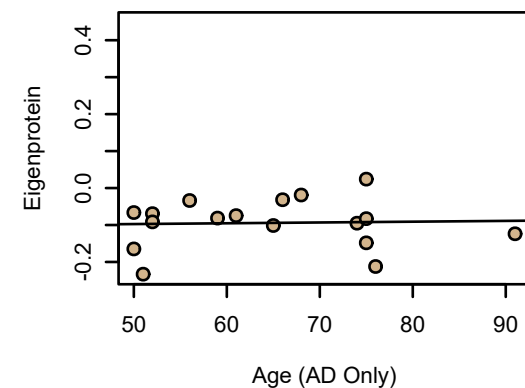
bicor=0.45, p=0.01
cor=0.45, p=0.011



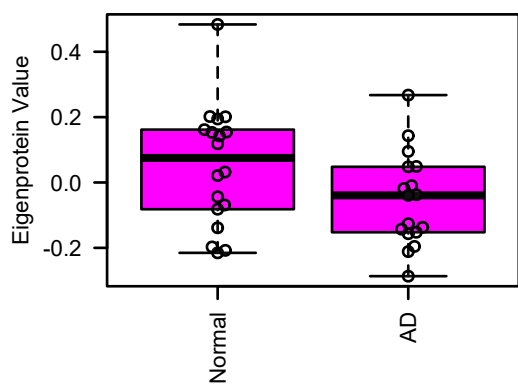
bicor=-0.28, p=0.26
cor=-0.31, p=0.21



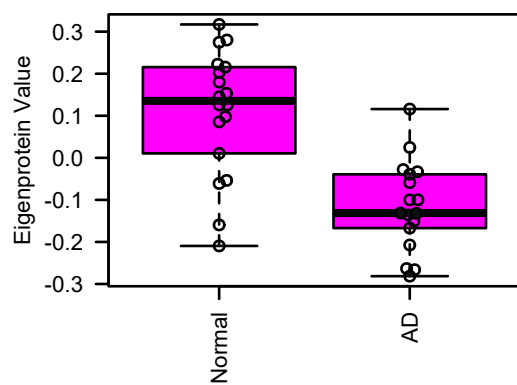
bicor=0.016, p=0.95
cor=0.039, p=0.88



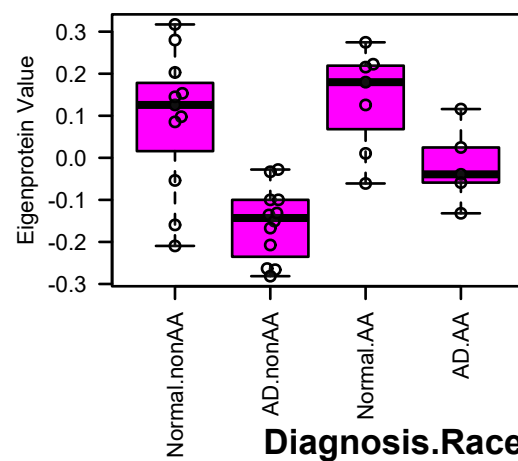
M9 magenta.CSF38
Ambiguous



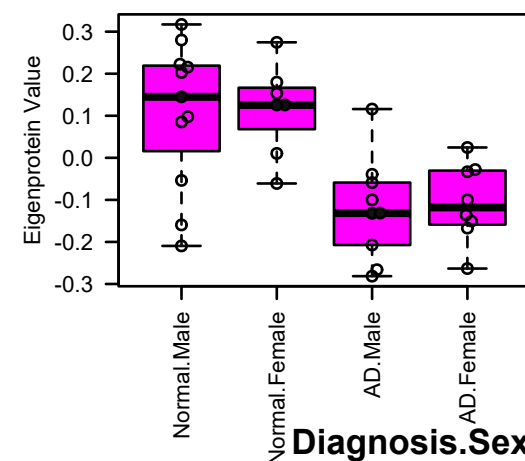
MEmagenta.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.6e-05



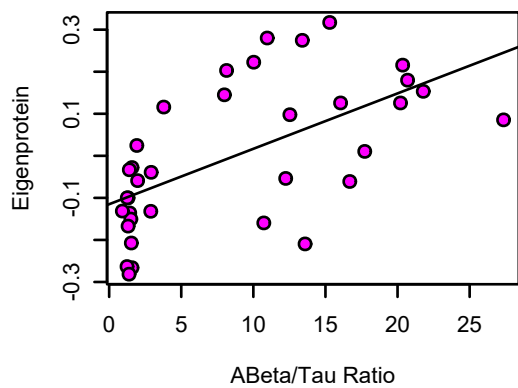
MEmagenta.Plasma (Synthetic)
ANOVA p: 4.8e-05



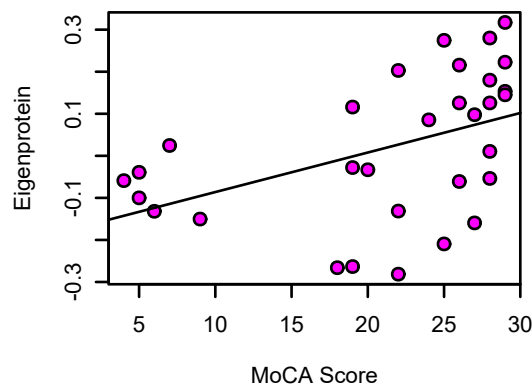
MEmagenta.Plasma (Synthetic)
ANOVA p: 0.00041



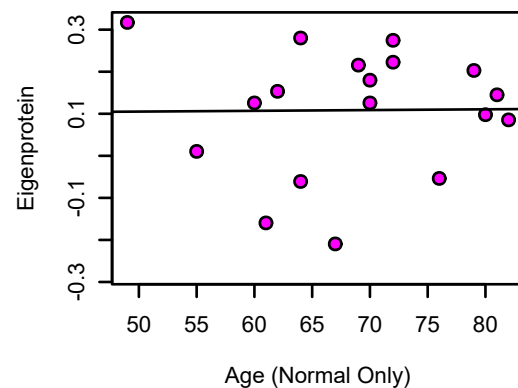
bicor=0.62, p=6.3e-05
cor=0.6, p=0.00014



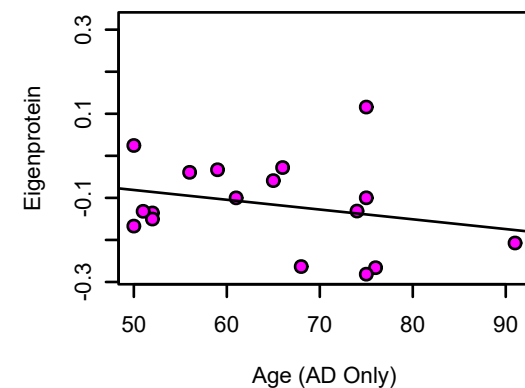
bicor=0.55, p=0.0013
cor=0.45, p=0.011



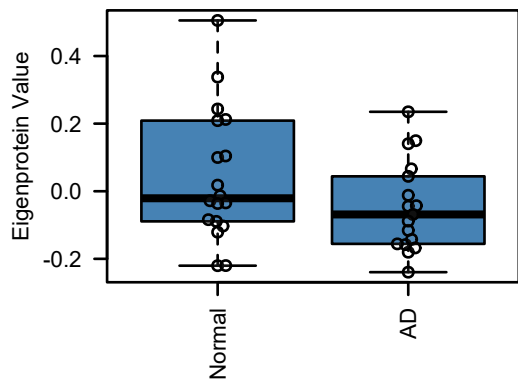
bicor=0.032, p=0.9
cor=0.011, p=0.97



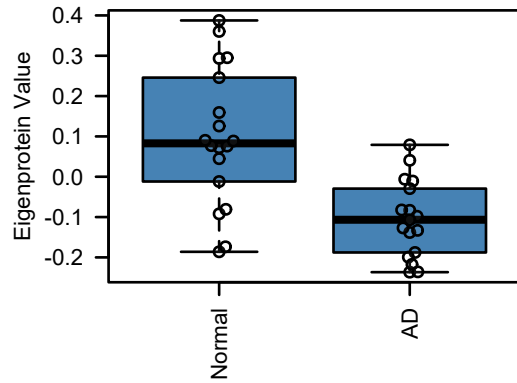
bicor=-0.3, p=0.24
cor=-0.26, p=0.31



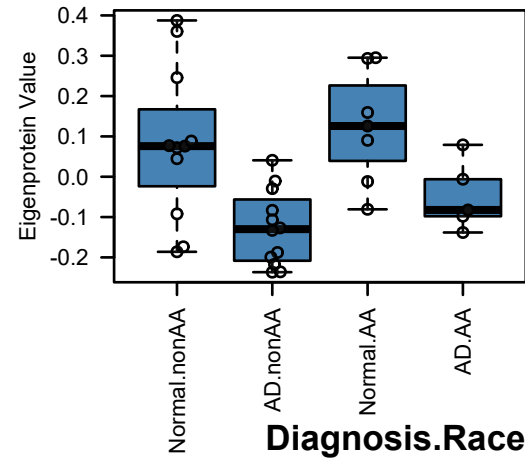
M30 steelblue.CSF38
Ribonucleoprotein Complex



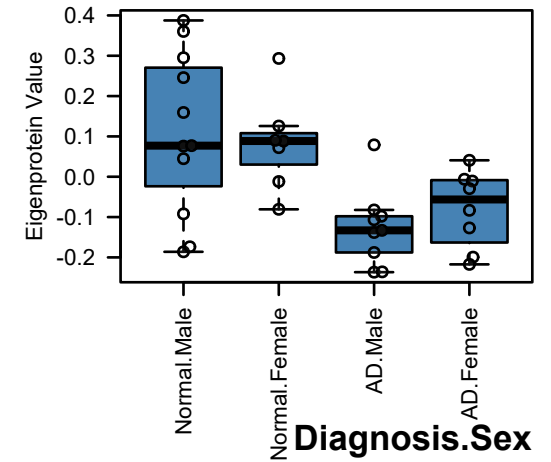
MEsteelblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00014



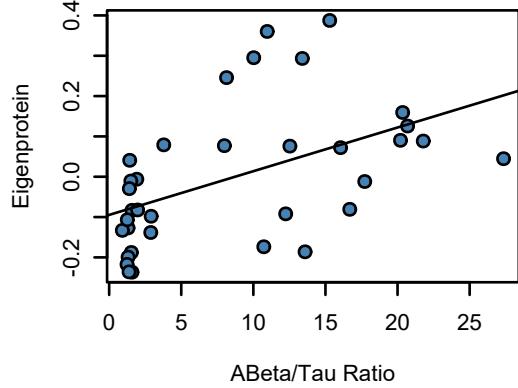
MEsteelblue.Plasma (Synthetic)
ANOVA p: 0.0015



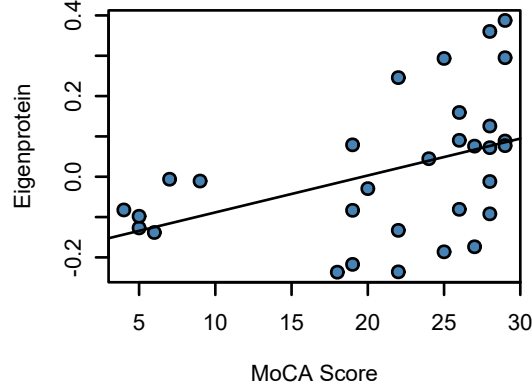
MEsteelblue.Plasma (Synthetic)
ANOVA p: 0.0022



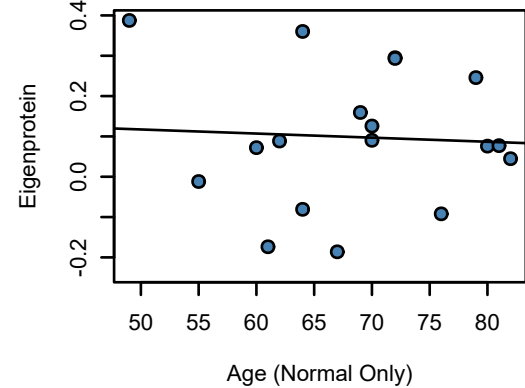
bicor=0.54, p=0.00083
cor=0.49, p=0.0028



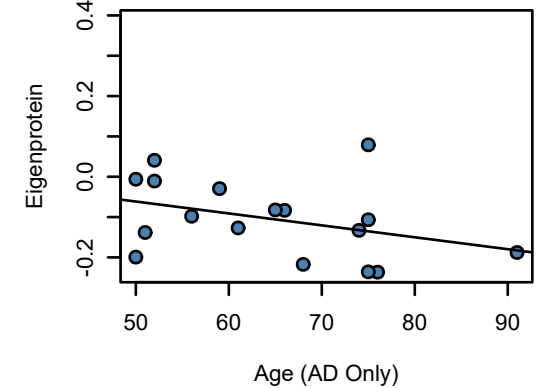
bicor=0.48, p=0.0062
cor=0.44, p=0.013



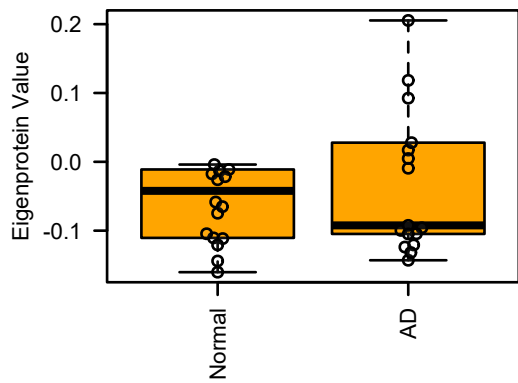
bicor=-0.013, p=0.96
cor=-0.055, p=0.83



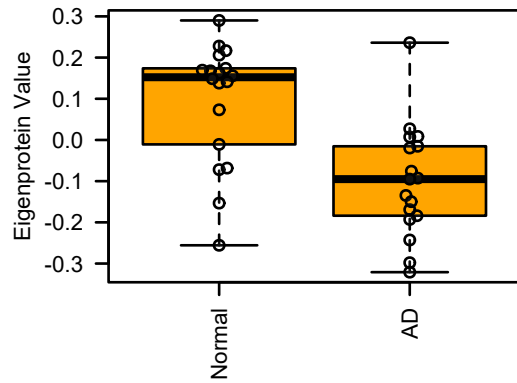
bicor=-0.39, p=0.13
cor=-0.37, p=0.14



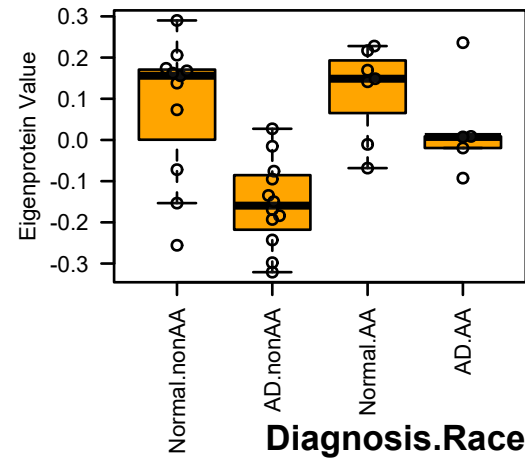
M25 orange.CSF38
Ambiguous



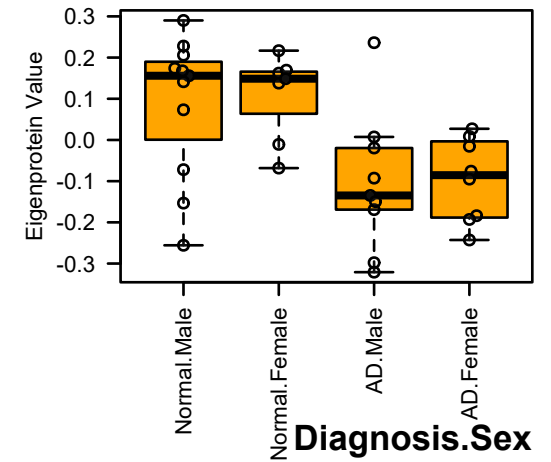
MEorange.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00027



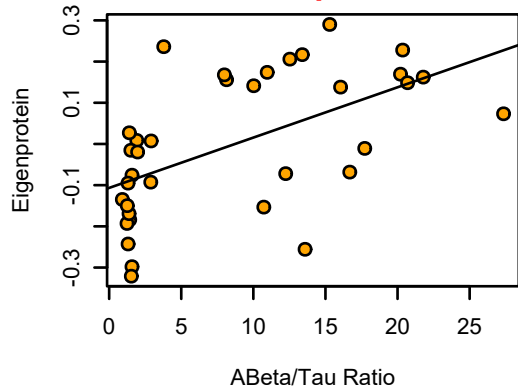
MEorange.Plasma (Synthetic)
ANOVA p: 0.00024



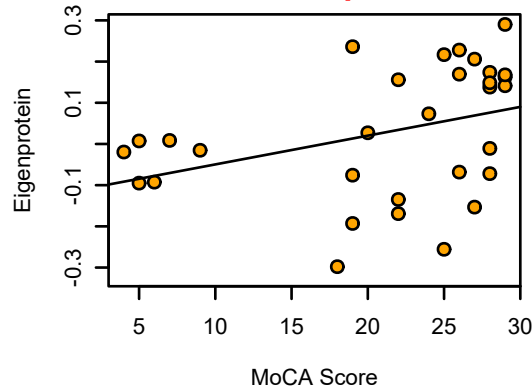
MEorange.Plasma (Synthetic)
ANOVA p: 0.0048



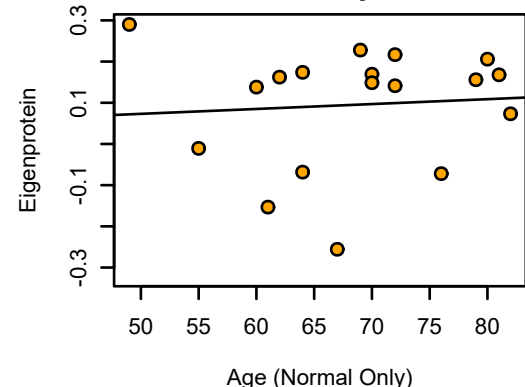
bicor=0.57, p=0.00031
cor=0.56, p=0.00047



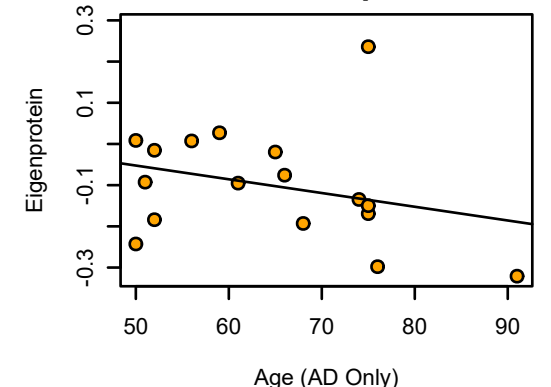
bicor=0.43, p=0.015
cor=0.37, p=0.04



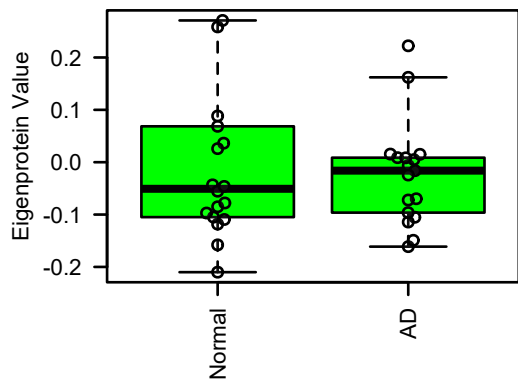
bicor=0.068, p=0.79
cor=0.075, p=0.77



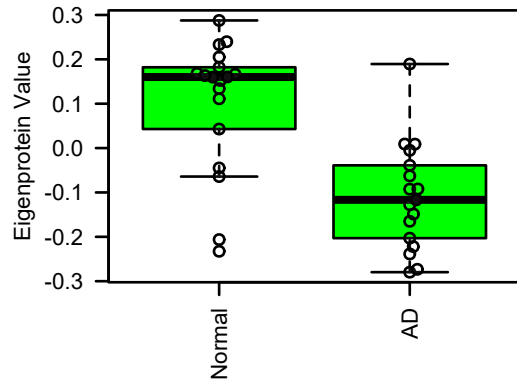
bicor=-0.33, p=0.2
cor=-0.29, p=0.26



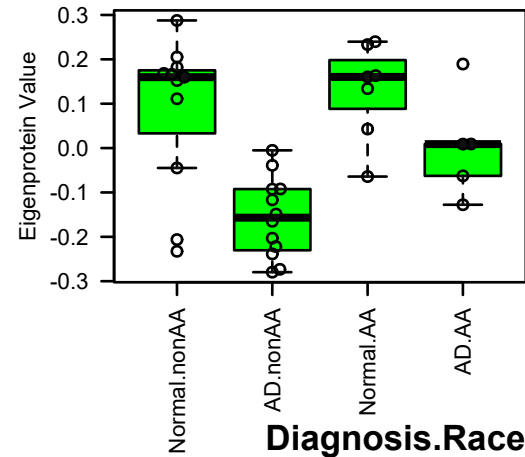
M5 green.CSF38
Compound Metabolism/Heat Shock Protein Bi



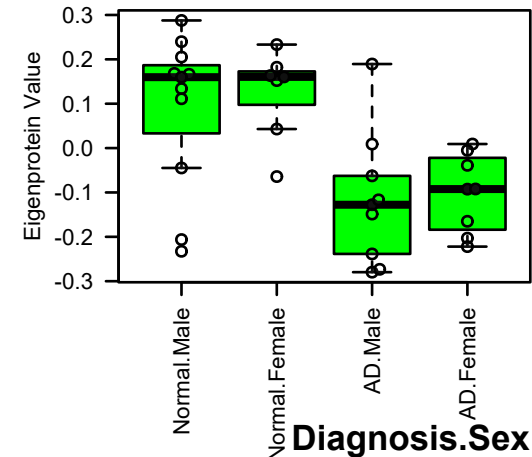
MEgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 5.3e-05



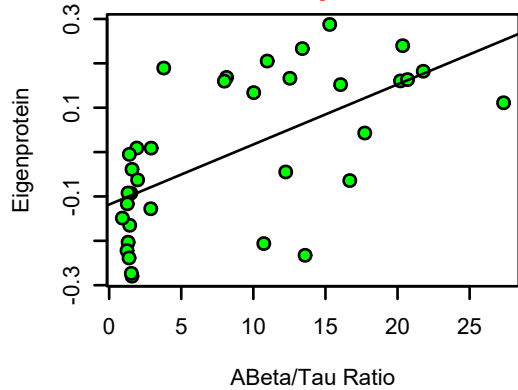
MEgreen.Plasma (Synthetic)
ANOVA p: 8.7e-05



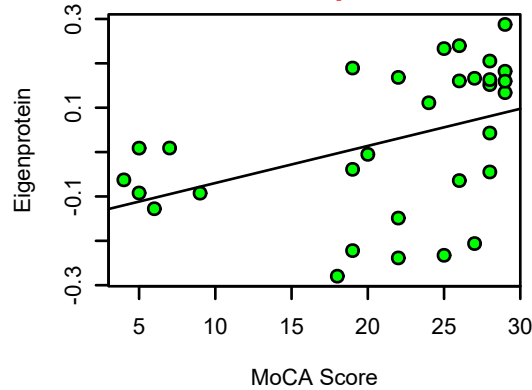
MEgreen.Plasma (Synthetic)
ANOVA p: 0.0011



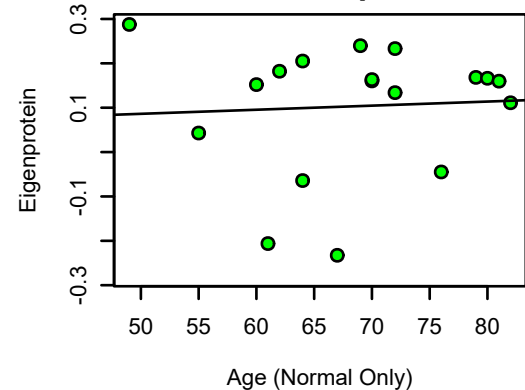
bicor=0.63, p=4.9e-05
cor=0.62, p=7.1e-05



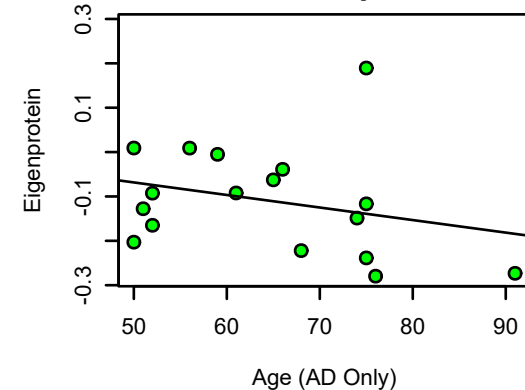
bicor=0.49, p=0.0047
cor=0.42, p=0.019



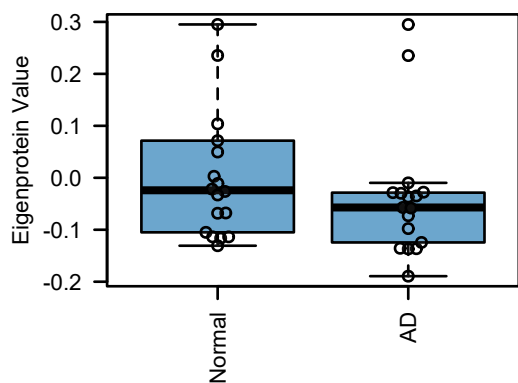
bicor=-0.12, p=0.64
cor=0.057, p=0.82



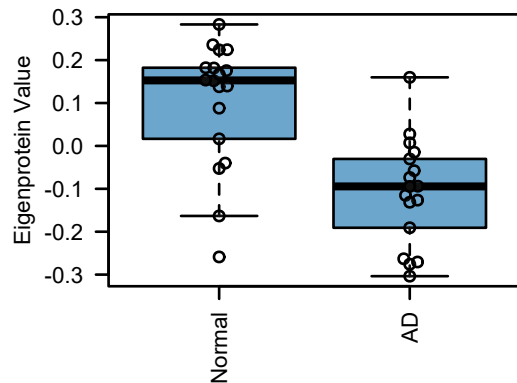
bicor=-0.33, p=0.2
cor=-0.28, p=0.28



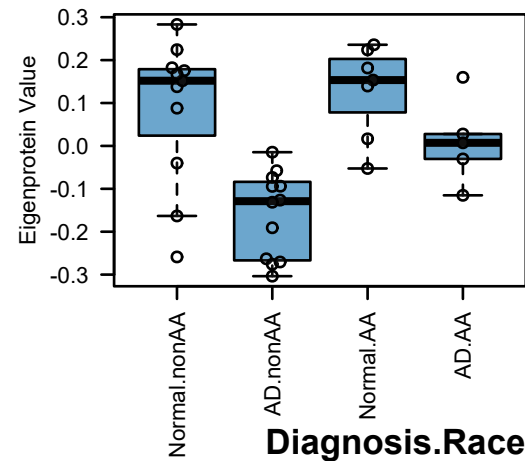
M37 skyblue3.CSF38
RNA Binding/Metabolism



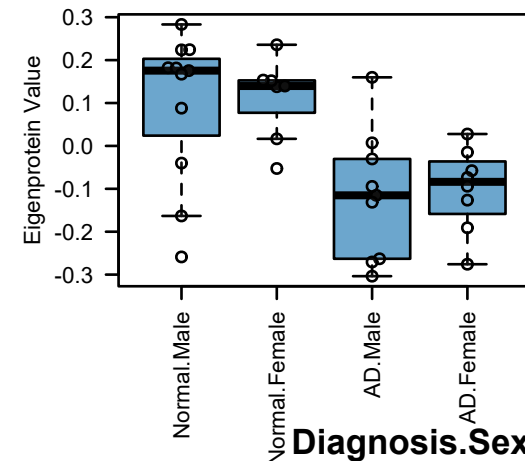
MEskyblue3.Plasma 35 Samp. (Synthetic)
ANOVA p: 6.1e-05



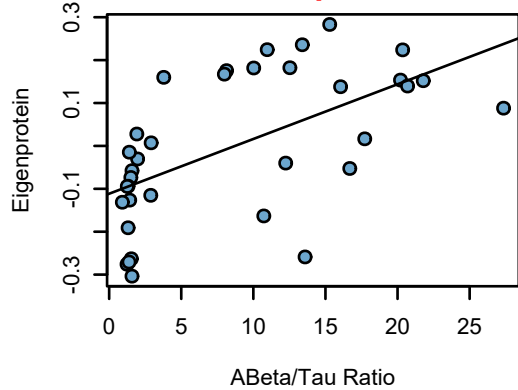
MEskyblue3.Plasma (Synthetic)
ANOVA p: 7.8e-05



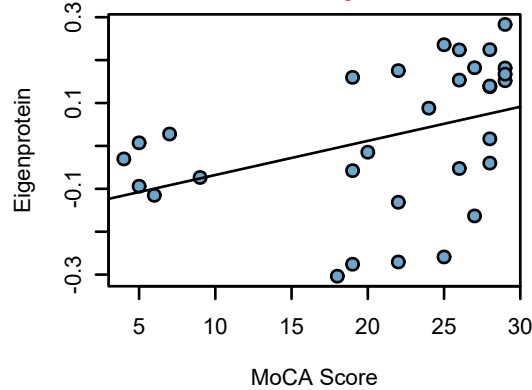
MEskyblue3.Plasma (Synthetic)
ANOVA p: 0.0013



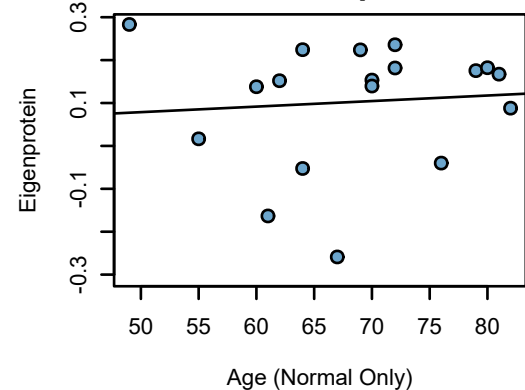
bicor=0.6, p=0.00014
cor=0.58, p=0.00026



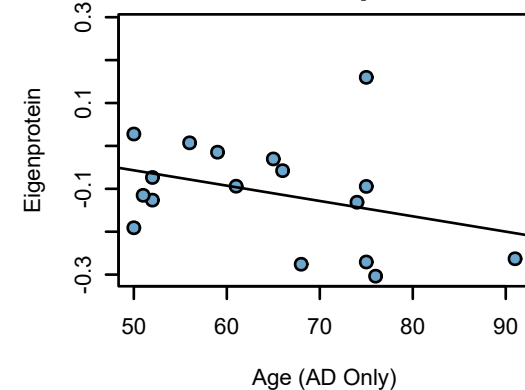
bicor=0.52, p=0.0026
cor=0.39, p=0.03



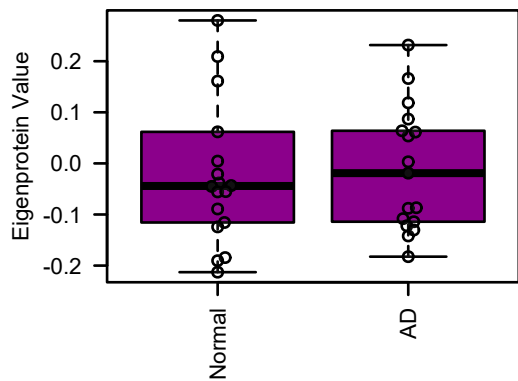
bicor=0.087, p=0.73
cor=0.081, p=0.75



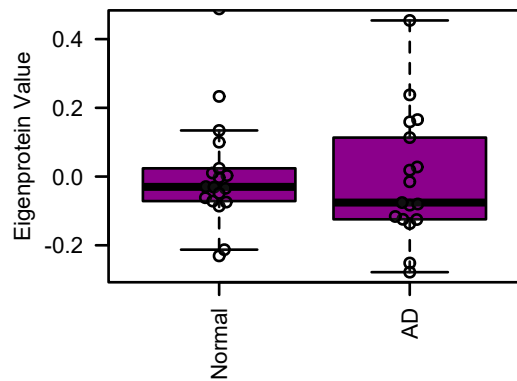
bicor=-0.35, p=0.17
cor=-0.34, p=0.18



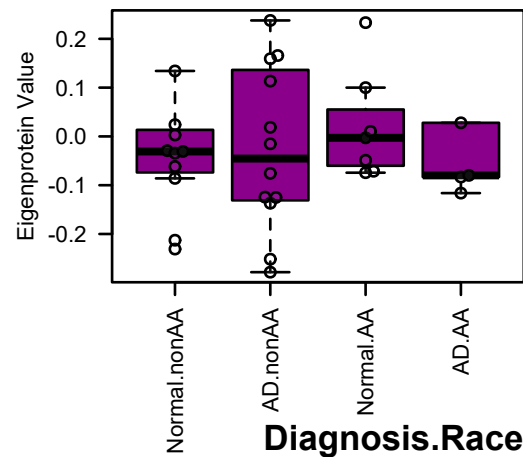
M34 darkmagenta.CSF38
Cofactor Biosynthesis



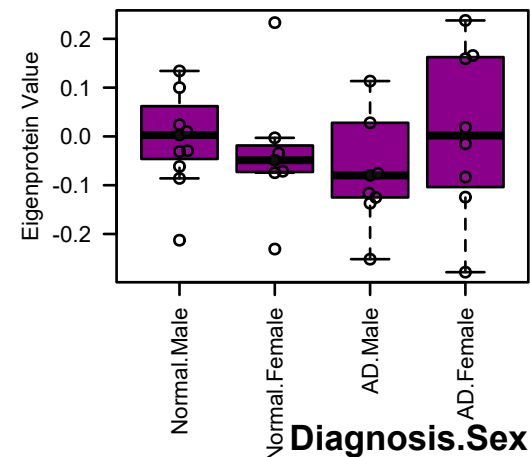
MEdarkmagenta.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.83



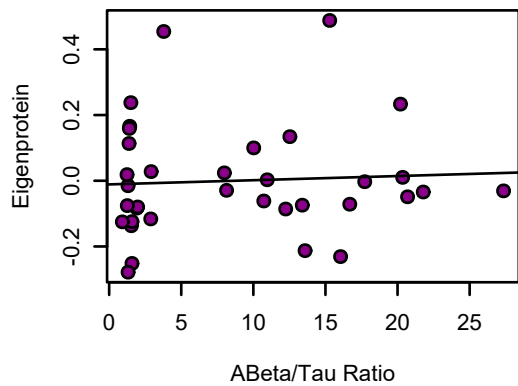
MEdarkmagenta.Plasma (Synthetic)
ANOVA p: 0.89



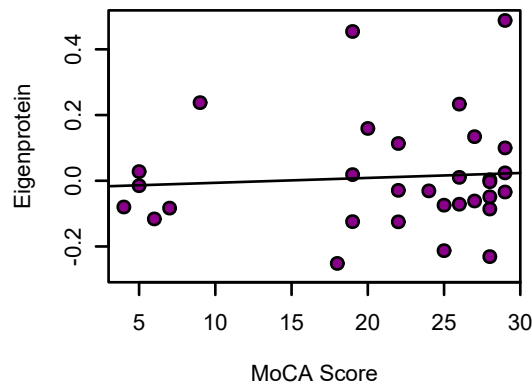
MEdarkmagenta.Plasma (Synthetic)
ANOVA p: 0.87



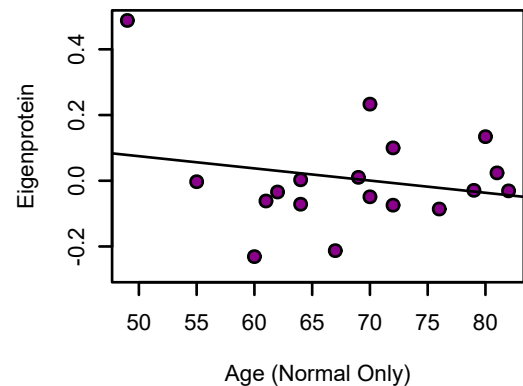
bicor=0.041, p=0.82
cor=0.058, p=0.74



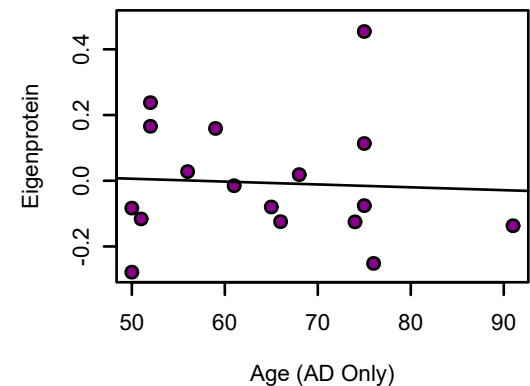
bicor=0.046, p=0.81
cor=0.073, p=0.7



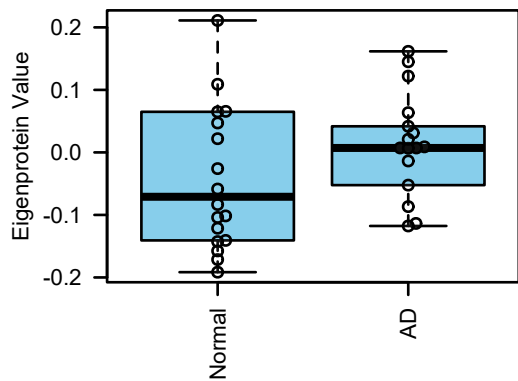
bicor=0.3, p=0.22
cor=-0.21, p=0.4



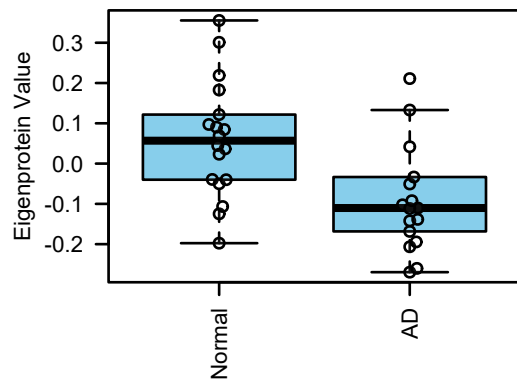
bicor=-0.17, p=0.5
cor=-0.056, p=0.83



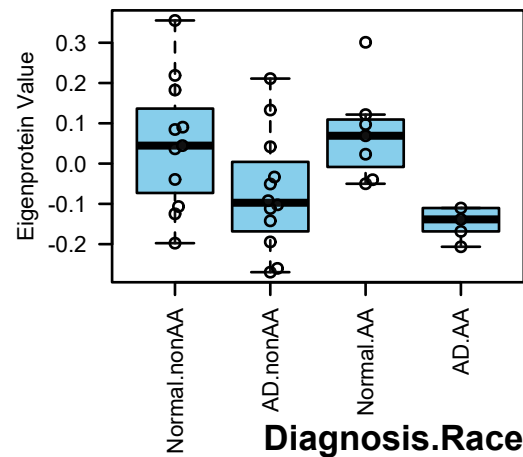
M28 skyblue.CSF38
Proteasome



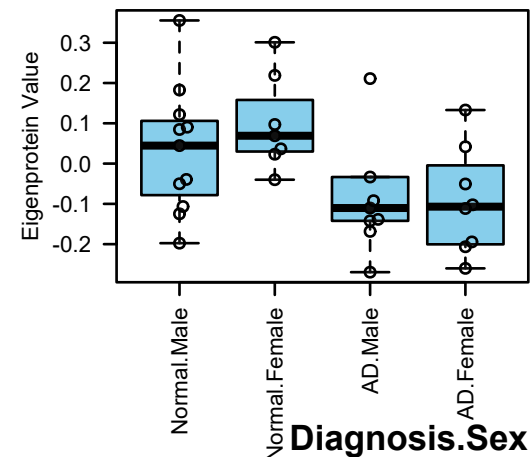
MEskyblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.033



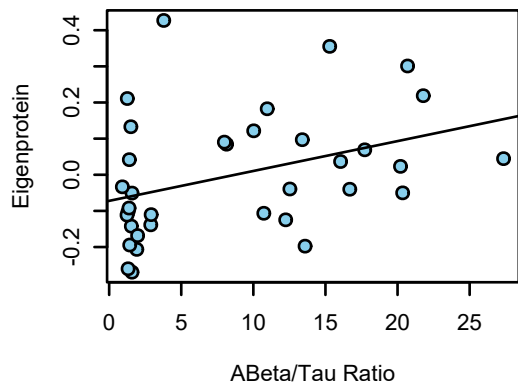
MEskyblue.Plasma (Synthetic)
ANOVA p: 0.2



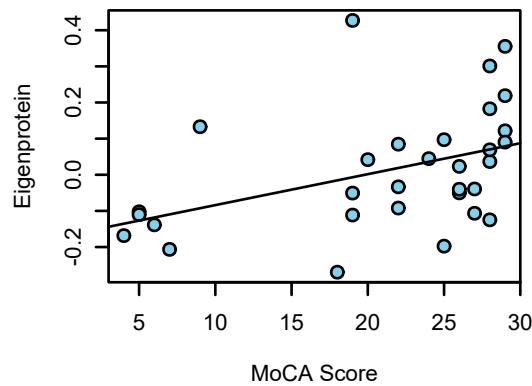
MEskyblue.Plasma (Synthetic)
ANOVA p: 0.13



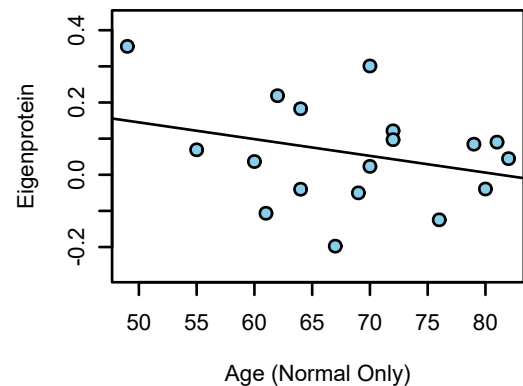
bicor=0.43, p=0.011
cor=0.38, p=0.024



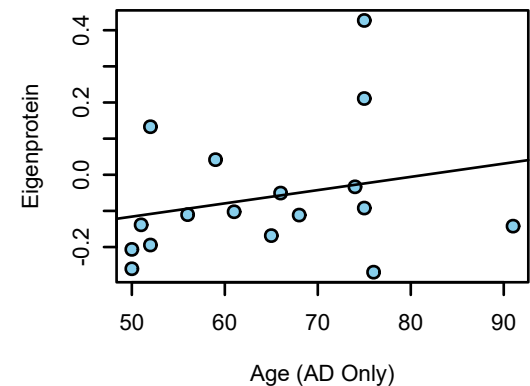
bicor=0.35, p=0.054
cor=0.43, p=0.016



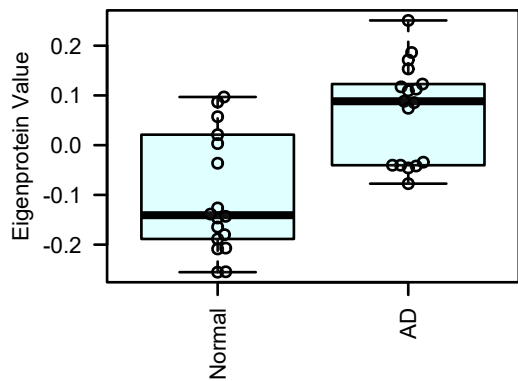
bicor=-0.24, p=0.33
cor=-0.3, p=0.23



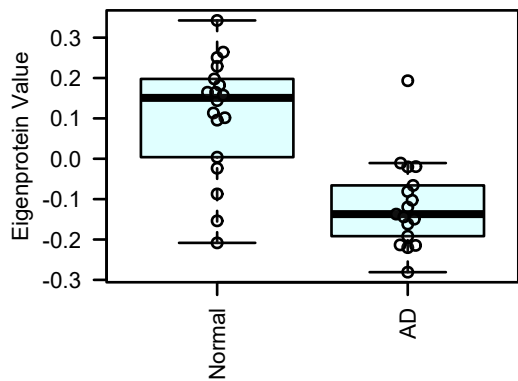
bicor=0.16, p=0.55
cor=0.25, p=0.33



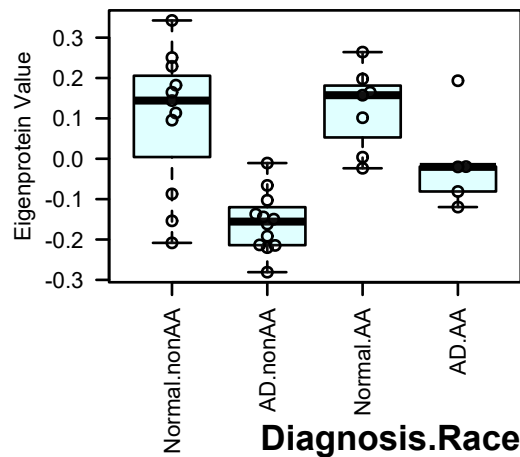
M16 lightcyan.CSF38
Sugar Metabolism



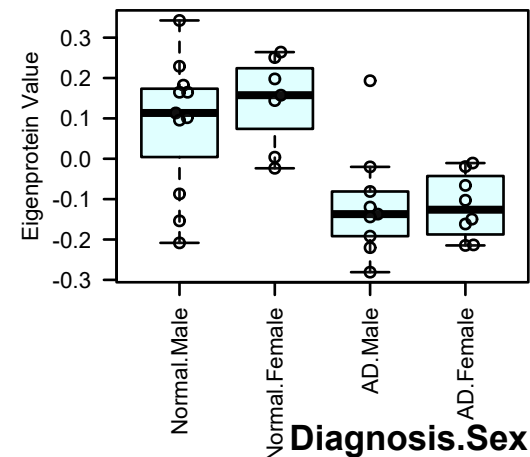
MElightcyan.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.9e-05



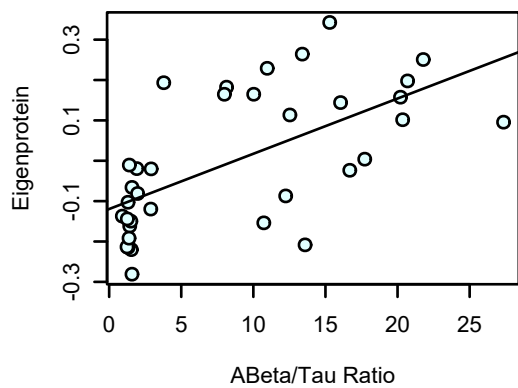
MElightcyan.Plasma (Synthetic)
ANOVA p: 5.1e-05



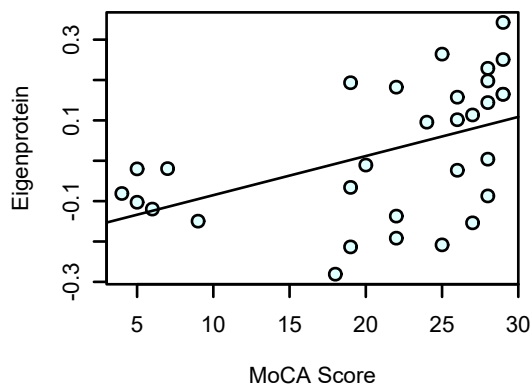
MElightcyan.Plasma (Synthetic)
ANOVA p: 0.00035



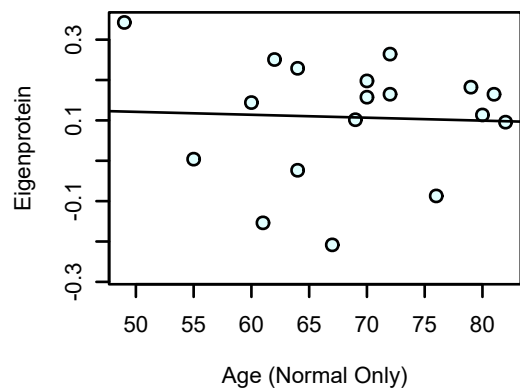
bicor=0.64, p=3e-05
cor=0.62, p=7.1e-05



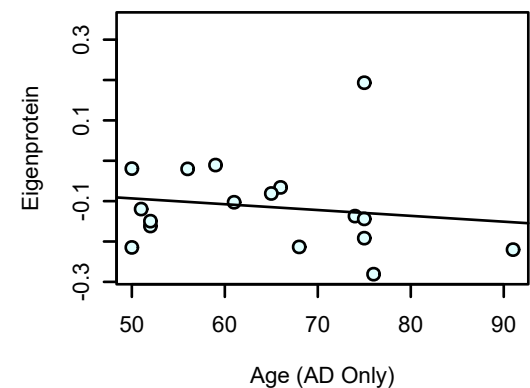
bicor=0.51, p=0.0035
cor=0.48, p=0.0063



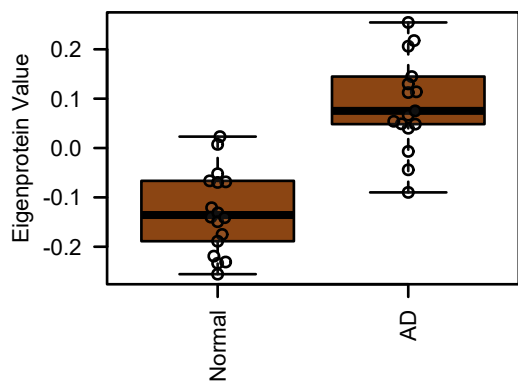
bicor=-0.044, p=0.86
cor=-0.045, p=0.86



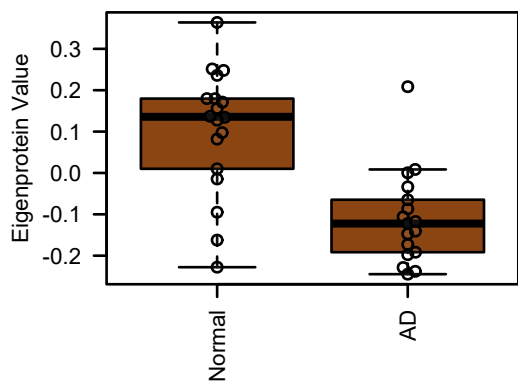
bicor=-0.28, p=0.28
cor=-0.16, p=0.54



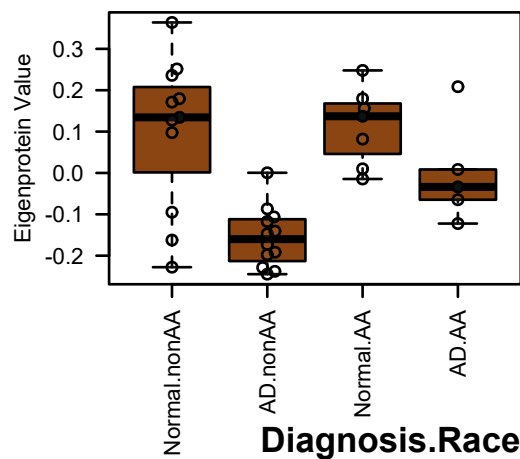
M29 saddlebrown.CSF38
Sugar Metabolism/Actin Depolymerizator



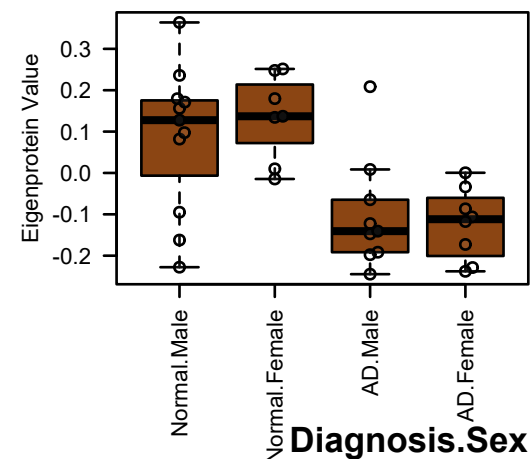
MEsaddlebrown.Plasma 35 Samp. (Synthetic)
ANOVA p: 4.3e-05



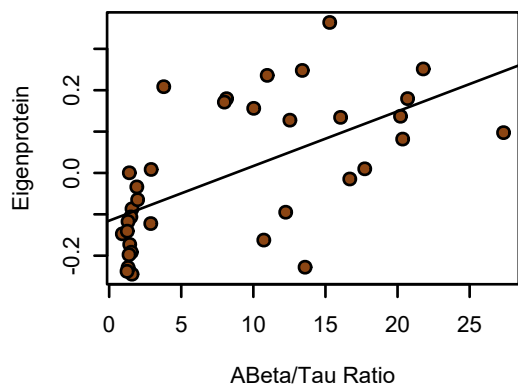
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 1e-04



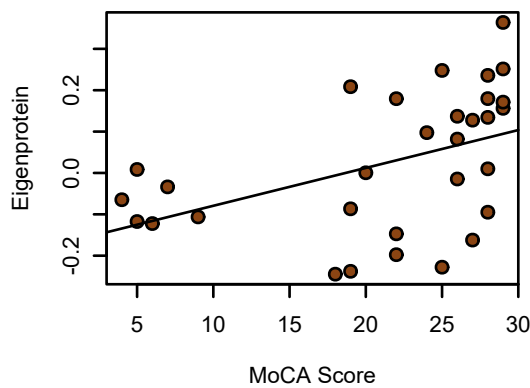
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 0.00074



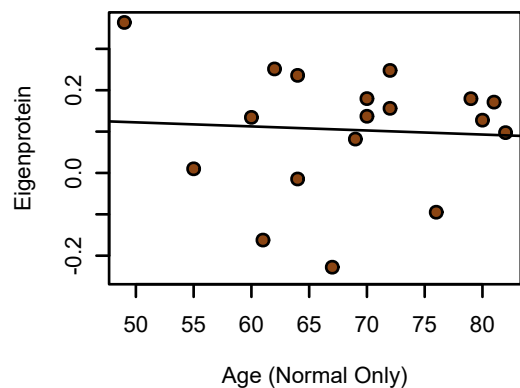
bicor=0.62, p=6.5e-05
cor=0.6, p=0.00014



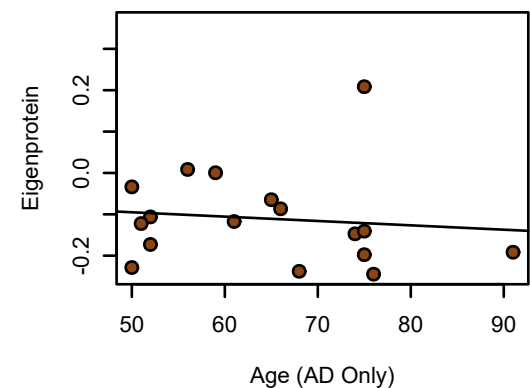
bicor=0.53, p=0.0024
cor=0.45, p=0.011



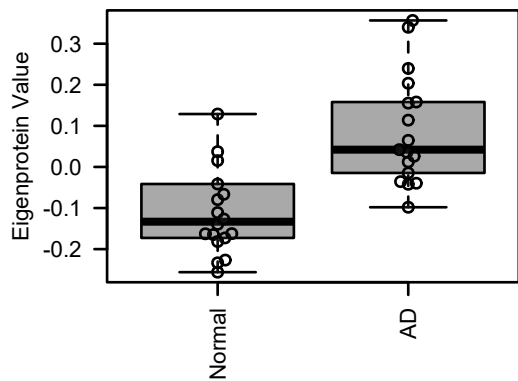
bicor=-0.028, p=0.91
cor=-0.06, p=0.81



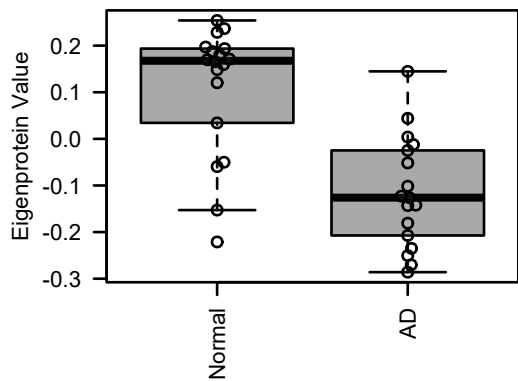
bicor=-0.23, p=0.37
cor=-0.11, p=0.67



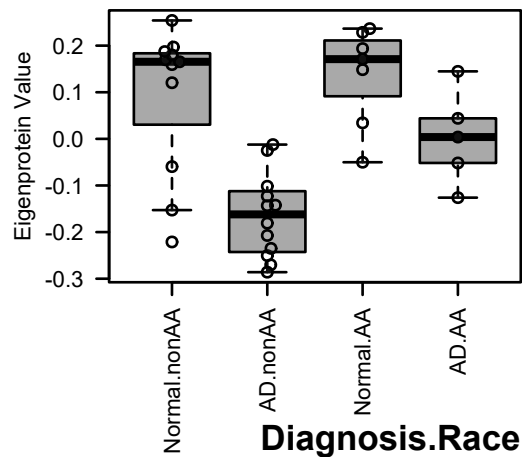
**M24 darkgrey.CSF38
Ubiquitination**



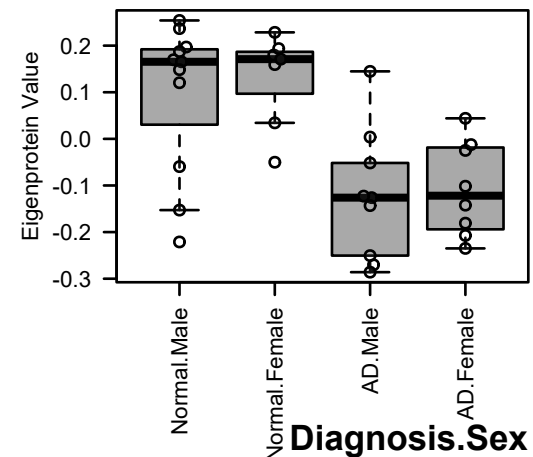
**MEdarkgrey.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.4e-05**



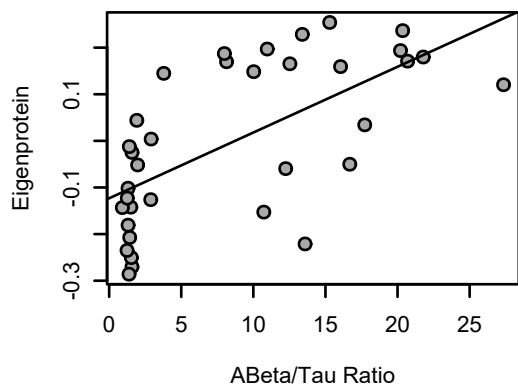
**MEdarkgrey.Plasma (Synthetic)
ANOVA p: 1.5e-05**



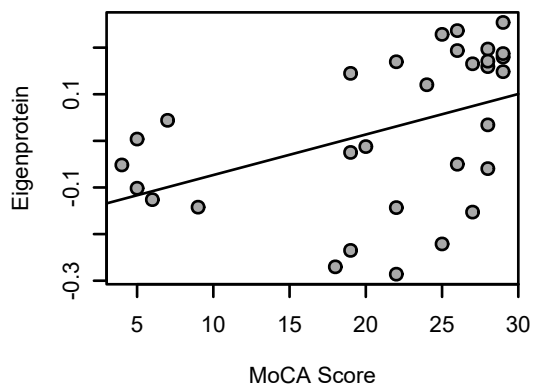
**MEdarkgrey.Plasma (Synthetic)
ANOVA p: 0.00033**



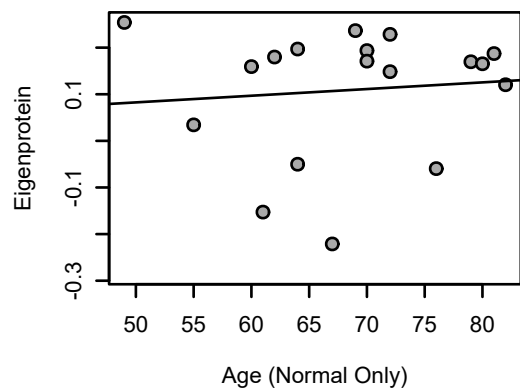
**bicor=0.66, p=1.9e-05
cor=0.64, p=3.5e-05**



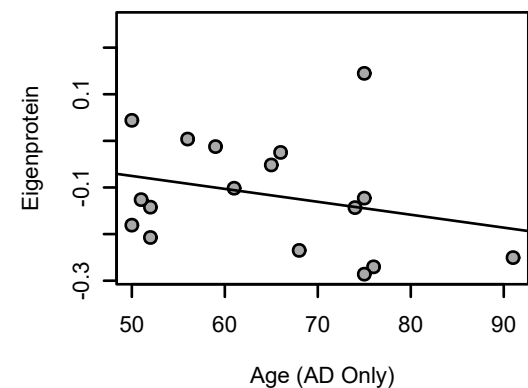
**bicor=0.56, p=0.00097
cor=0.44, p=0.013**



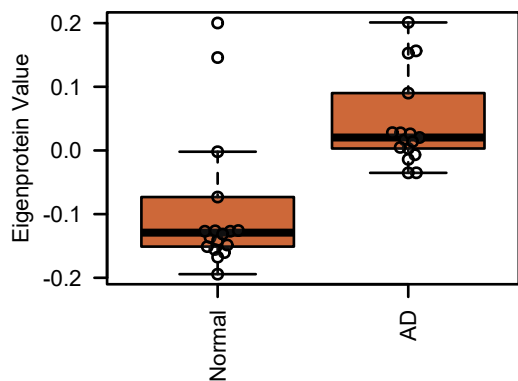
**bicor=-0.057, p=0.82
cor=0.095, p=0.71**



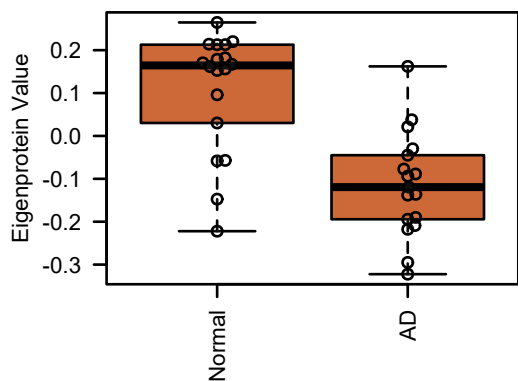
**bicor=-0.29, p=0.25
cor=-0.28, p=0.28**



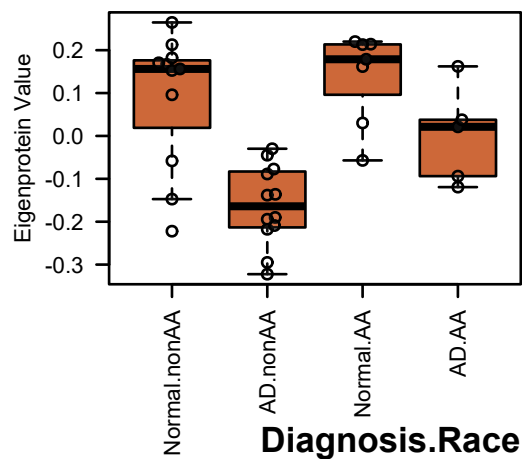
**M35 sienna3.CSF38
Ambiguous**



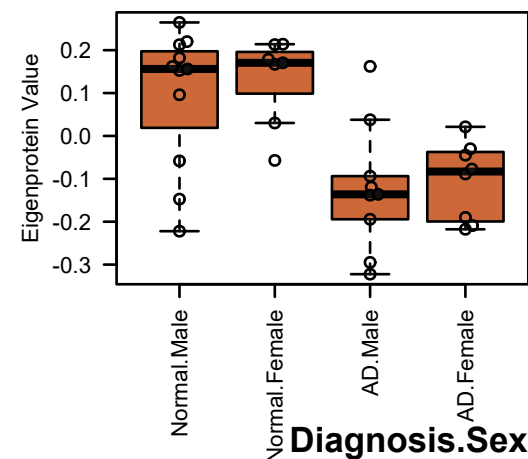
**MEsienna3.Plasma 35 Samp. (Synthetic)
ANOVA p: 2e-05**



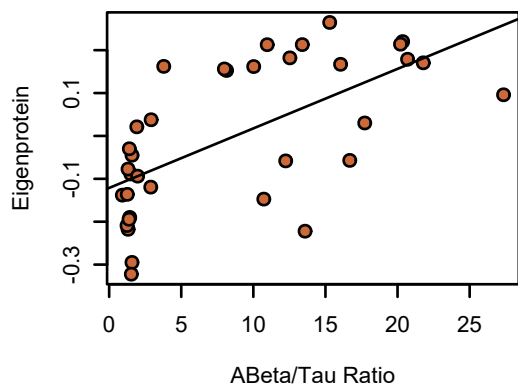
**MEsienna3.Plasma (Synthetic)
ANOVA p: 2.6e-05**



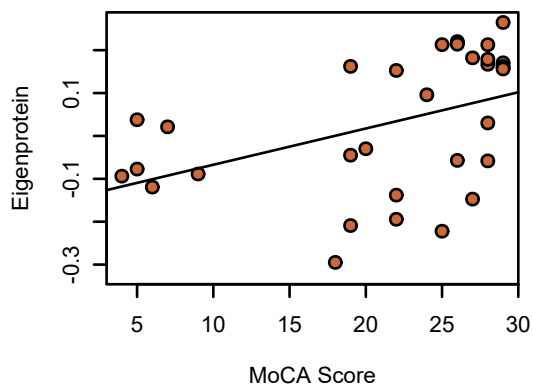
**MEsienna3.Plasma (Synthetic)
ANOVA p: 0.00044**



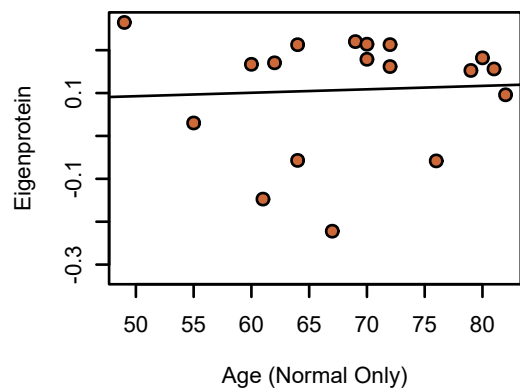
**bicor=0.65, p=2.7e-05
cor=0.63, p=5e-05**



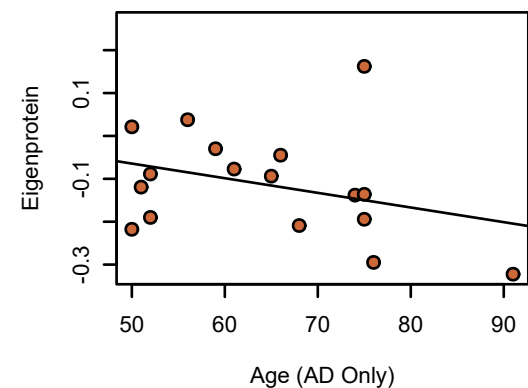
**bicor=0.56, p=0.0012
cor=0.44, p=0.013**



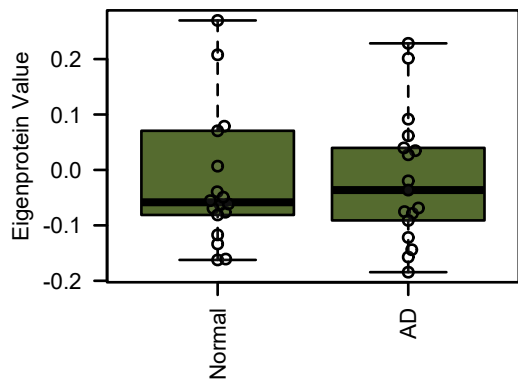
**bicor=-0.048, p=0.85
cor=0.053, p=0.83**



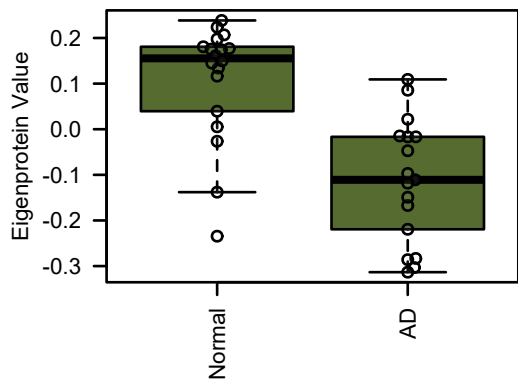
**bicor=-0.36, p=0.16
cor=-0.33, p=0.2**



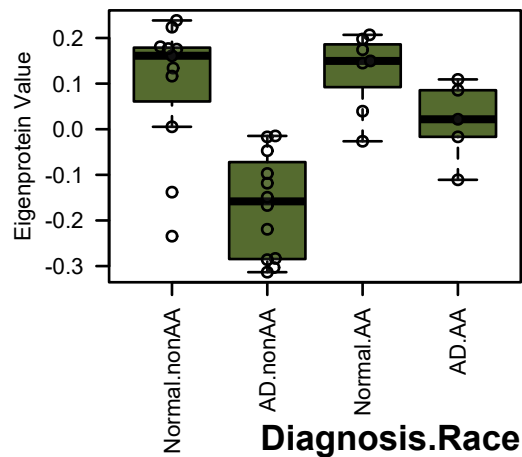
M33 darkolivegreen.CSF38
Translation/Sugar Binding



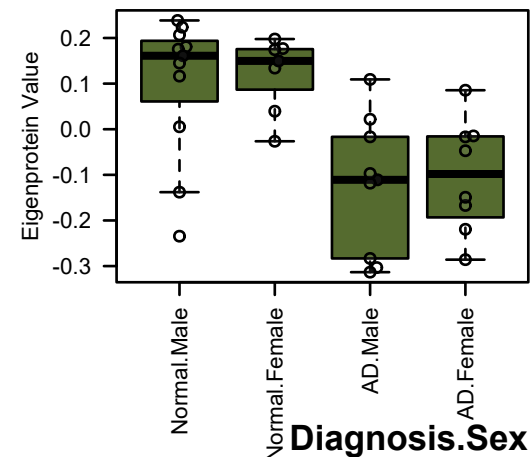
MEdarkolivegreen.Plasma 35 Samp. (Synthet
ANOVA p: 2.2e-05



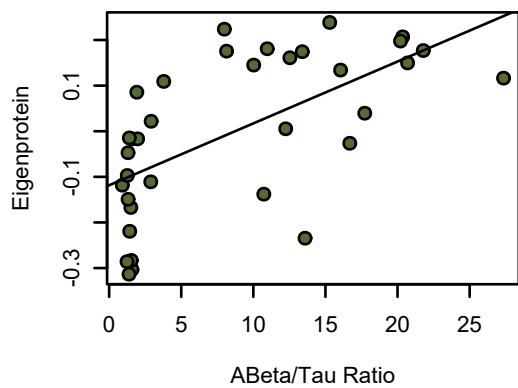
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 1.4e-05



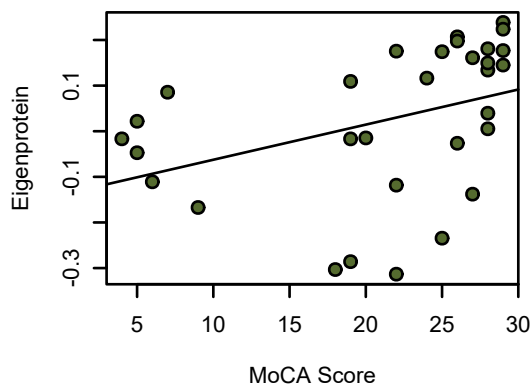
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 0.00053



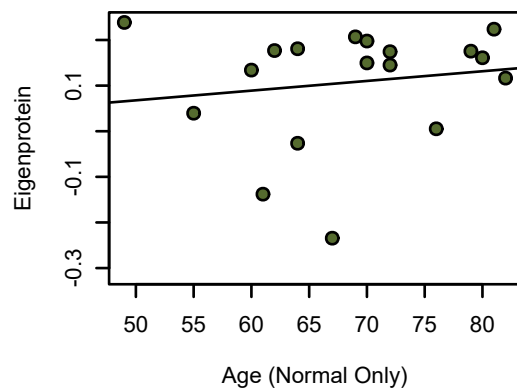
bicor=0.63, p=4.9e-05
cor=0.62, p=7.1e-05



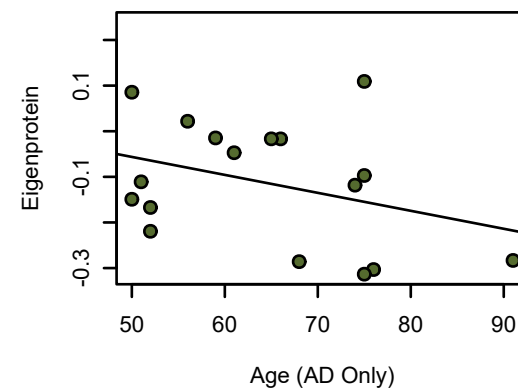
bicor=0.58, p=0.00059
cor=0.39, p=0.03



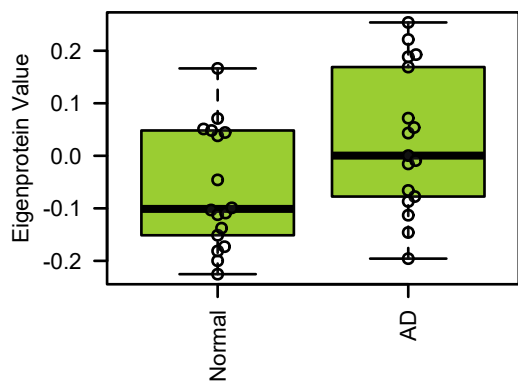
bicor=0.078, p=0.76
cor=0.15, p=0.55



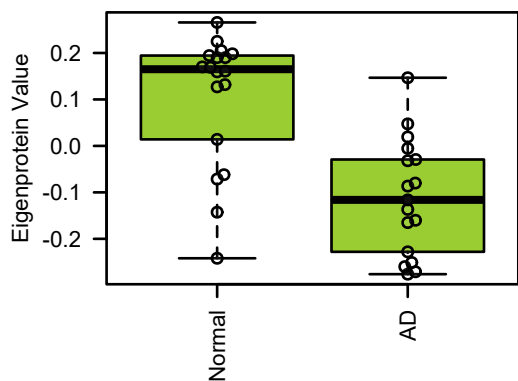
bicor=-0.34, p=0.19
cor=-0.35, p=0.17



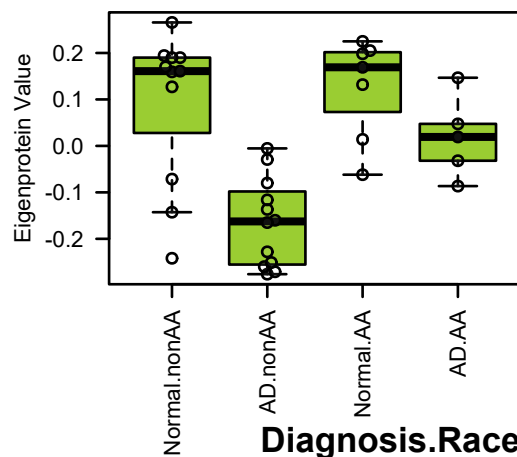
M36 yellowgreen.CSF38
Organelle Organization/Biogenesis



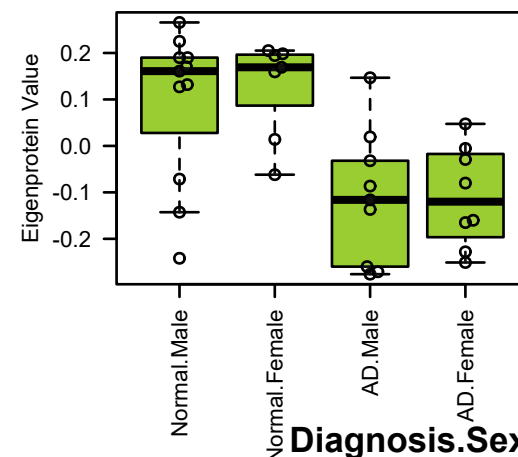
MEyellowgreen.Plasma 35 Samp. (Syntheti
ANOVA p: 3.9e-05



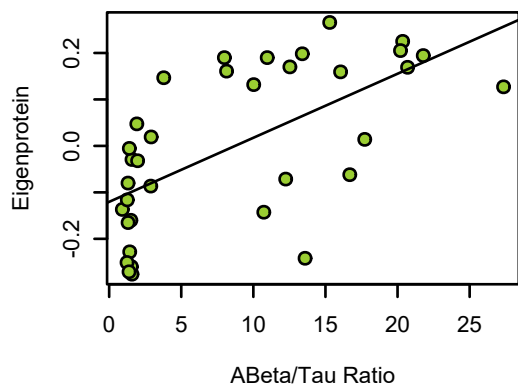
MEyellowgreen.Plasma (Synthetic)
ANOVA p: 2.8e-05



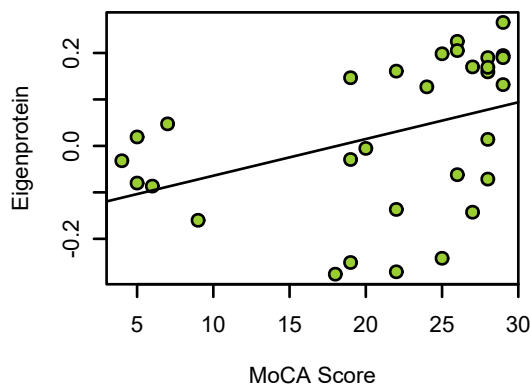
MEyellowgreen.Plasma (Synthetic)
ANOVA p: 0.00084



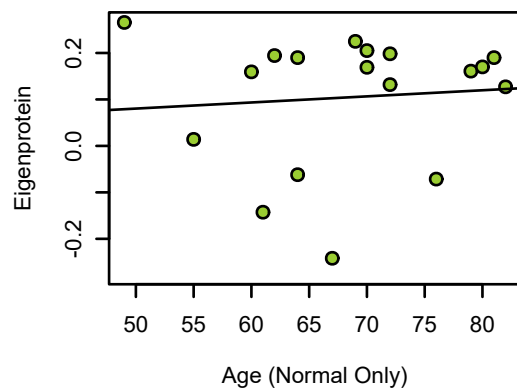
bicor=0.64, p=3.7e-05
cor=0.63, p=5e-05



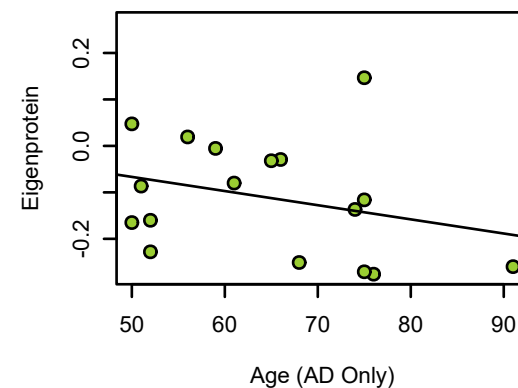
bicor=0.53, p=0.0024
cor=0.4, p=0.026



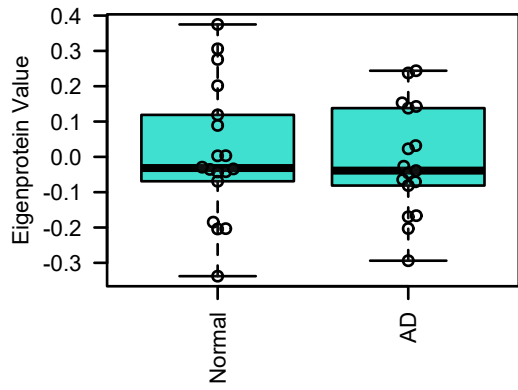
bicor=-0.098, p=0.7
cor=0.085, p=0.74



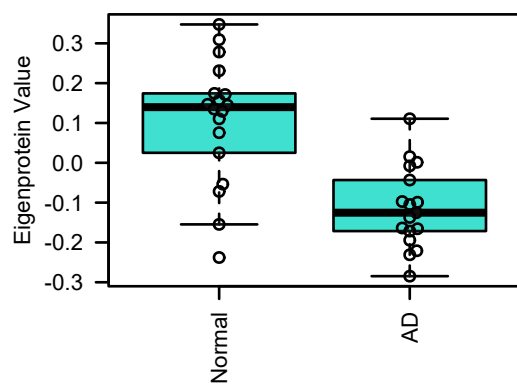
bicor=-0.3, p=0.24
cor=-0.29, p=0.26



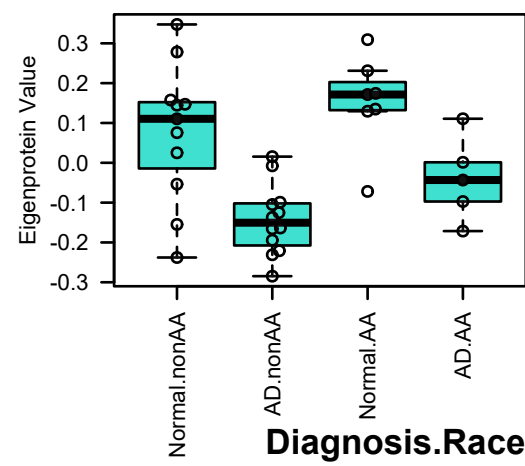
**M1 turquoise.CSF38
Immune Response**



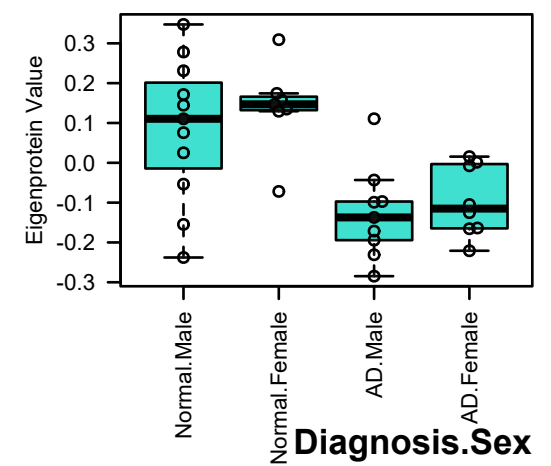
**MEturquoise.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.5e-05**



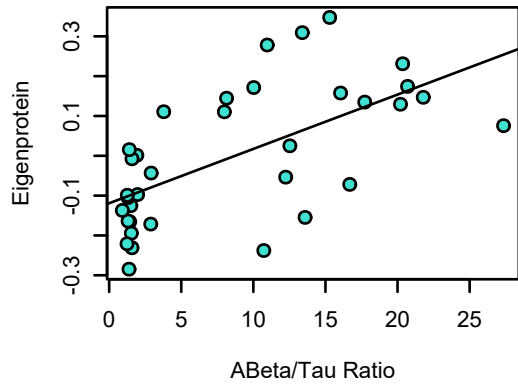
**MEturquoise.Plasma (Synthetic)
ANOVA p: 0.00011**



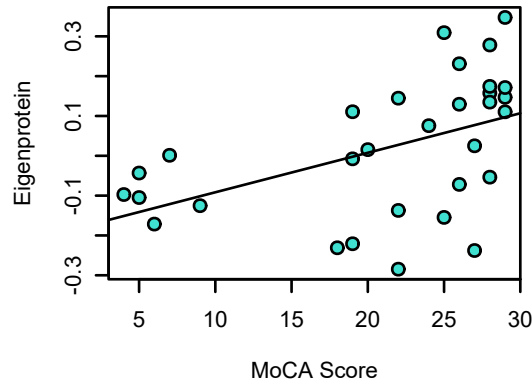
**MEturquoise.Plasma (Synthetic)
ANOVA p: 0.00041**



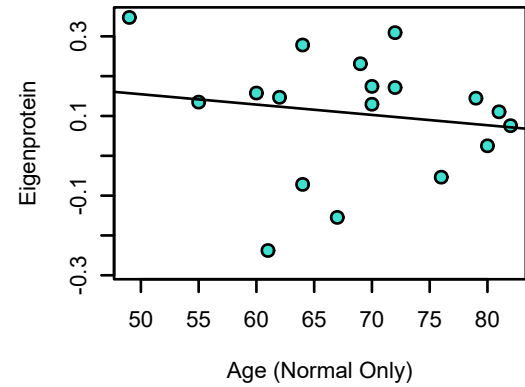
**bicor=0.64, p=2.9e-05
cor=0.62, p=7.1e-05**



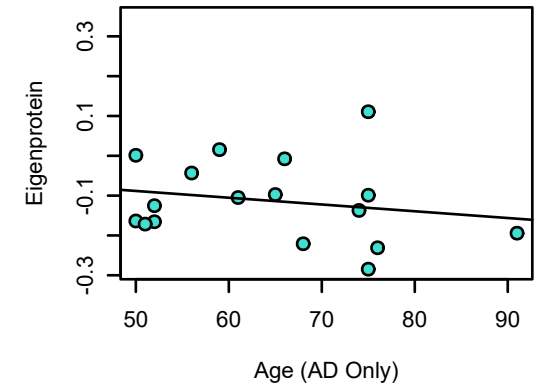
**bicor=0.55, p=0.0014
cor=0.48, p=0.0063**



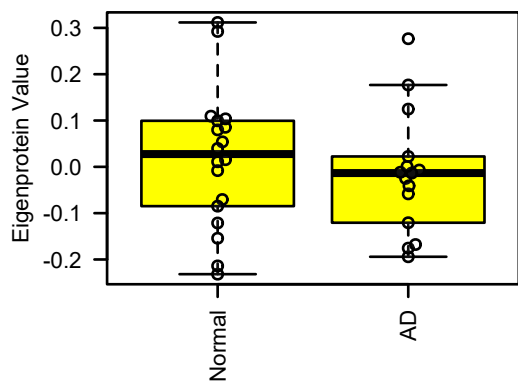
**bicor=-0.2, p=0.42
cor=-0.15, p=0.55**



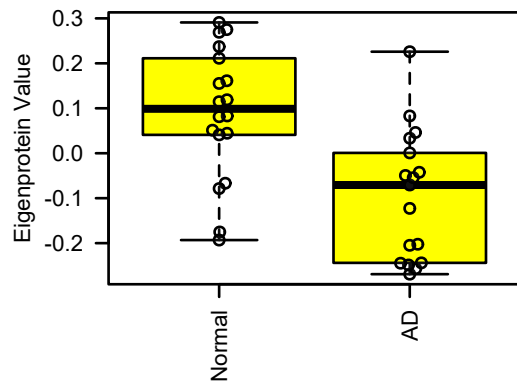
**bicor=-0.24, p=0.36
cor=-0.2, p=0.44**



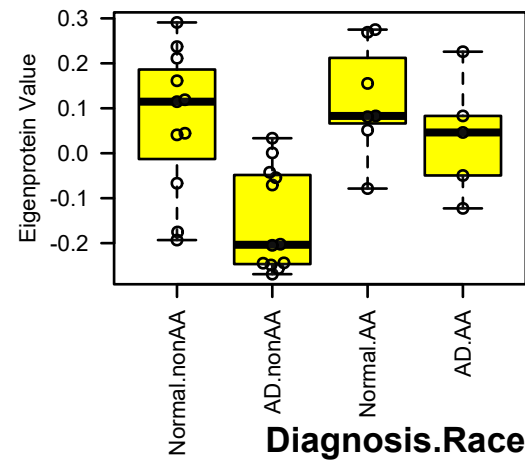
**M4 yellow.CSF38
Lysosome**



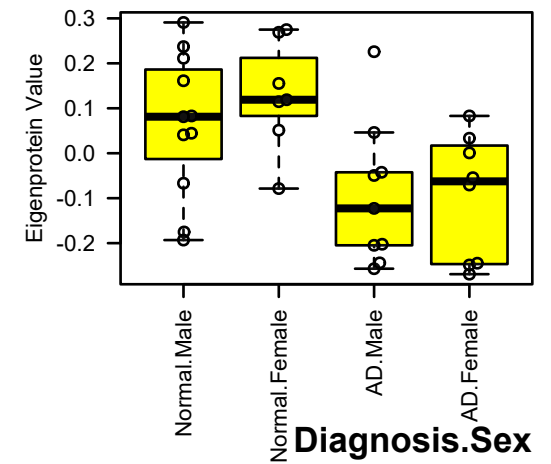
**MEyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00065**



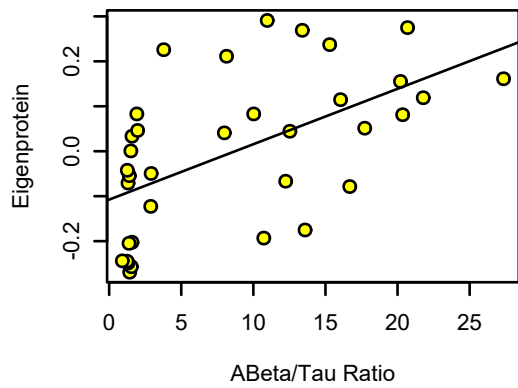
**MEyellow.Plasma (Synthetic)
ANOVA p: 0.00046**



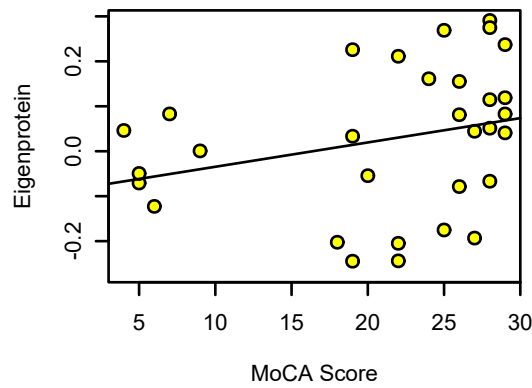
**MEyellow.Plasma (Synthetic)
ANOVA p: 0.0072**



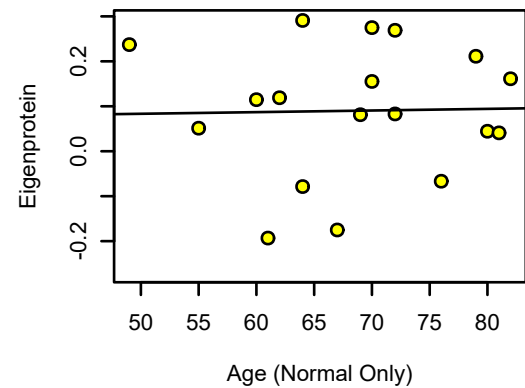
**bicor=0.55, p=7e-04
cor=0.56, p=0.00047**



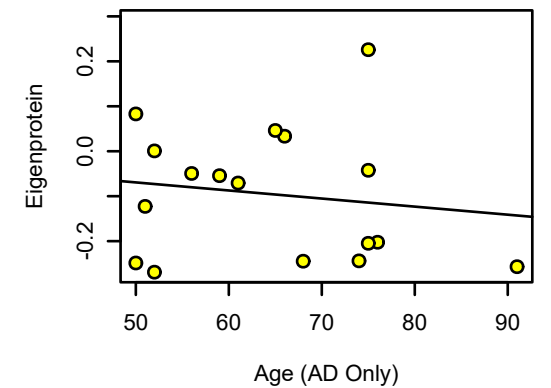
**bicor=0.4, p=0.028
cor=0.28, p=0.13**



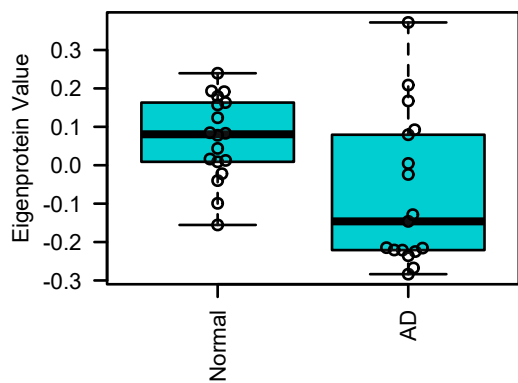
**bicor=0.027, p=0.91
cor=0.023, p=0.93**



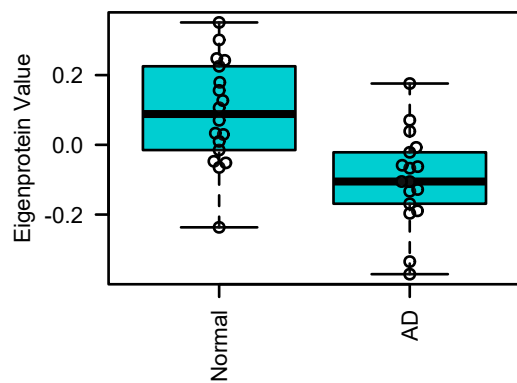
**bicor=-0.14, p=0.6
cor=-0.15, p=0.57**



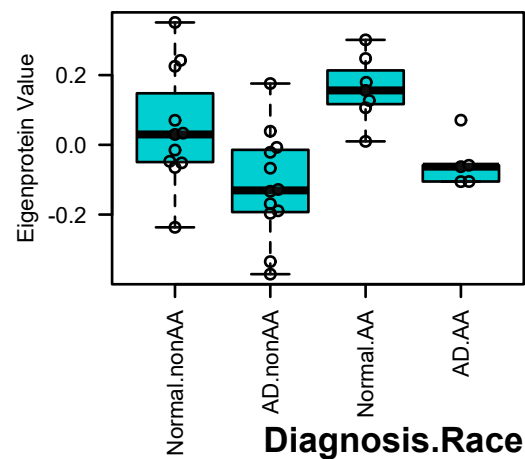
M23 darkturquoise.CSF38
Nucleic Acid/Steroid Metabolism



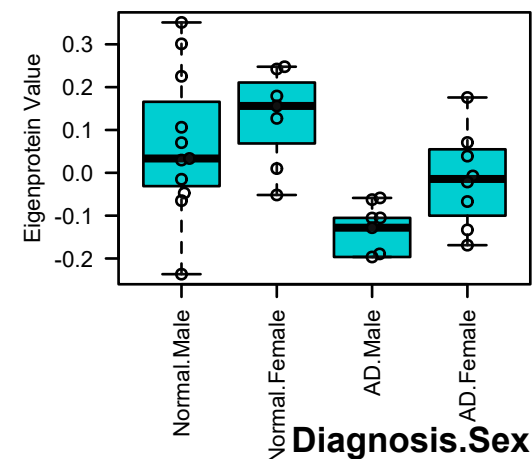
MEdarkturquoise.Plasma 35 Samp. (Synthel)
ANOVA p: 0.00043



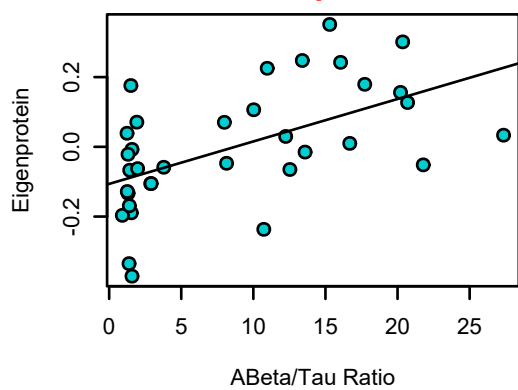
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 0.0016



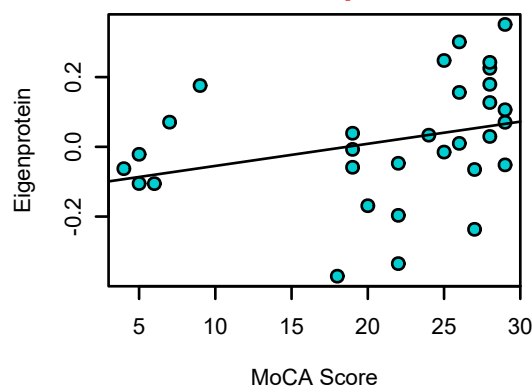
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 4e-04



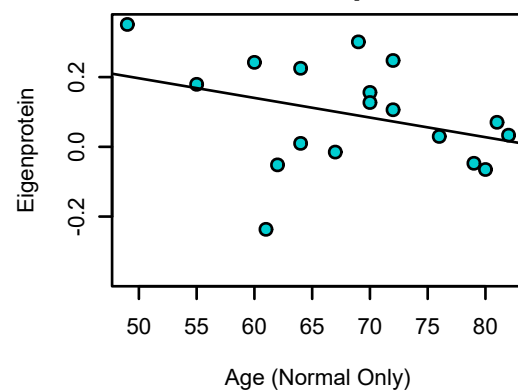
bicor=0.58, p=0.00024
cor=0.56, p=0.00047



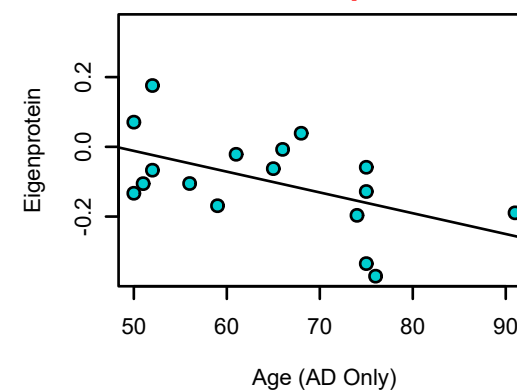
bicor=0.44, p=0.013
cor=0.3, p=0.1



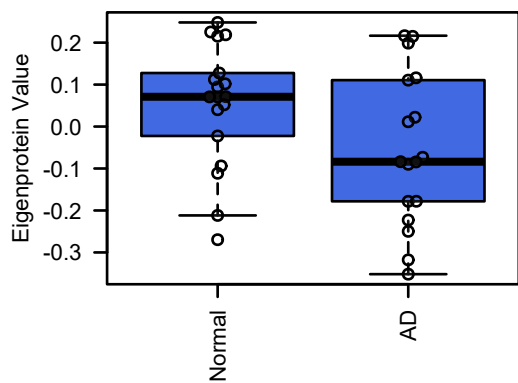
bicor=-0.34, p=0.17
cor=-0.34, p=0.17



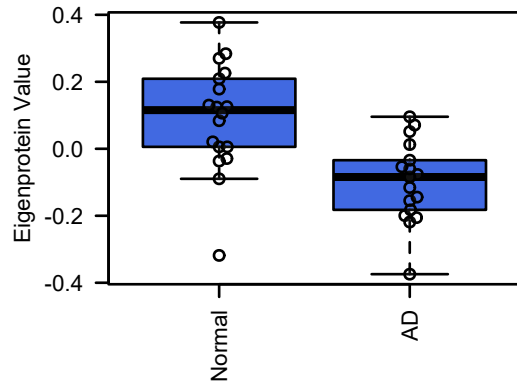
bicor=-0.53, p=0.028
cor=-0.53, p=0.029



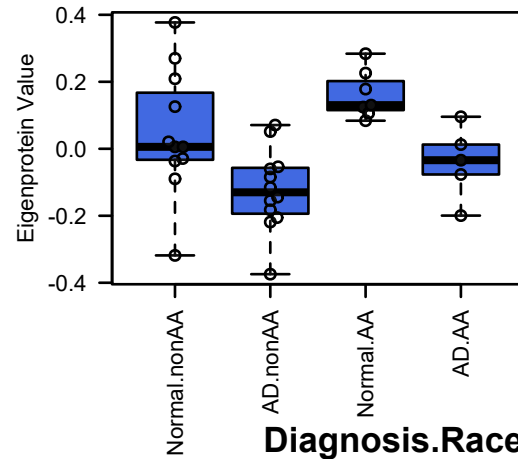
M20 royalblue.CSF38
Ambiguous



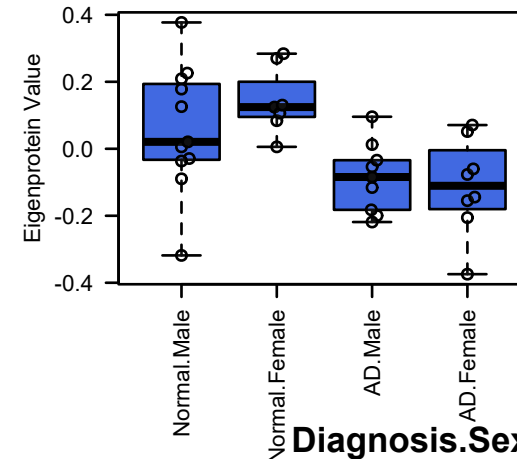
MEroyalblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00039



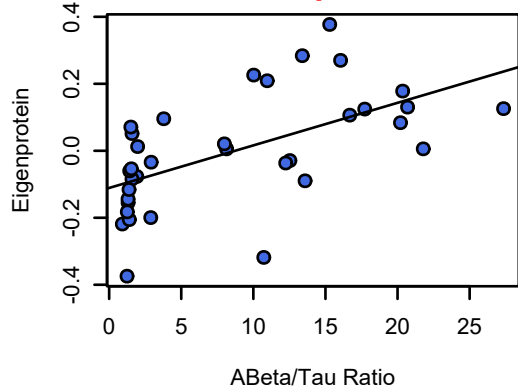
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.0011



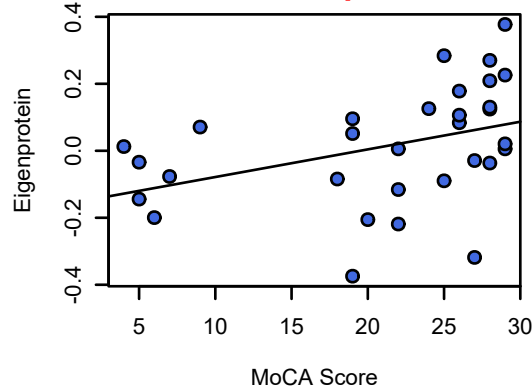
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.0034



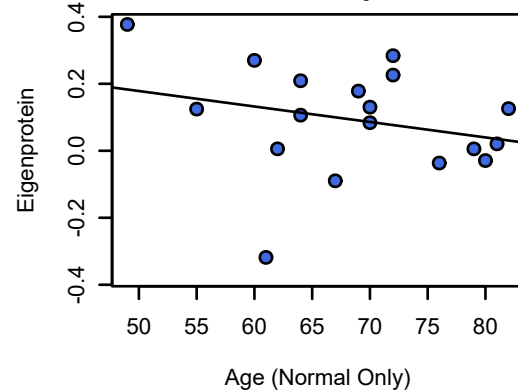
bicor=0.61, p=9.9e-05
cor=0.58, p=0.00026



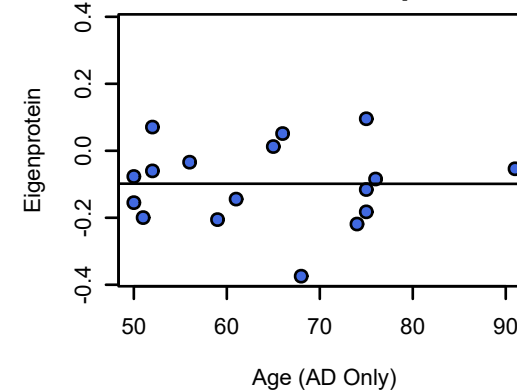
bicor=0.49, p=0.0055
cor=0.39, p=0.03



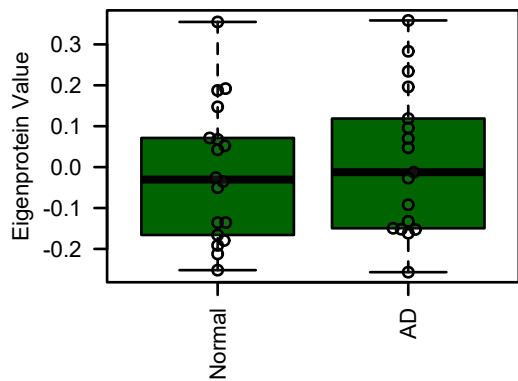
bicor=-0.29, p=0.24
cor=-0.26, p=0.3



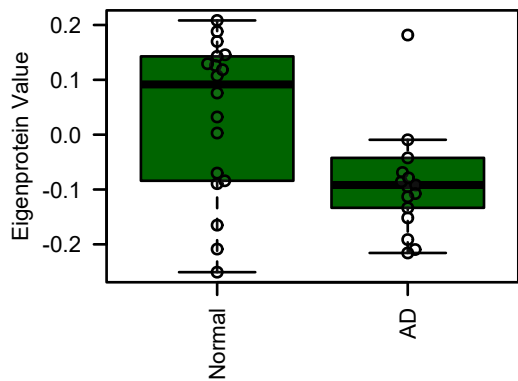
bicor=0.0045, p=0.99
cor=-0.0013, p=1



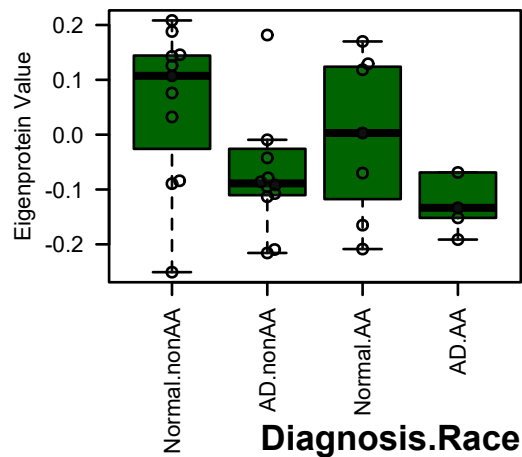
M22 darkgreen.CSF38
ECM/Actin Binding



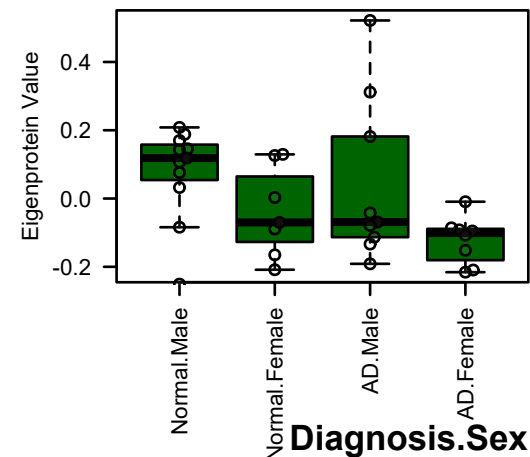
MEdarkgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.26



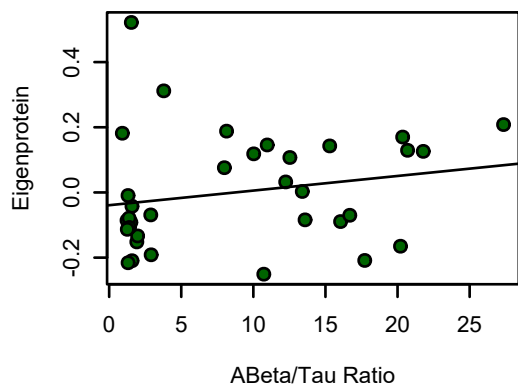
MEdarkgreen.Plasma (Synthetic)
ANOVA p: 0.63



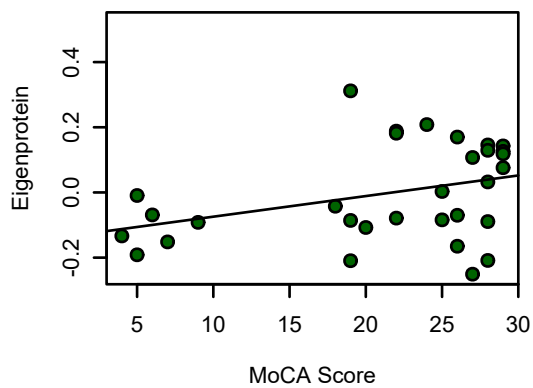
MEdarkgreen.Plasma (Synthetic)
ANOVA p: 0.059



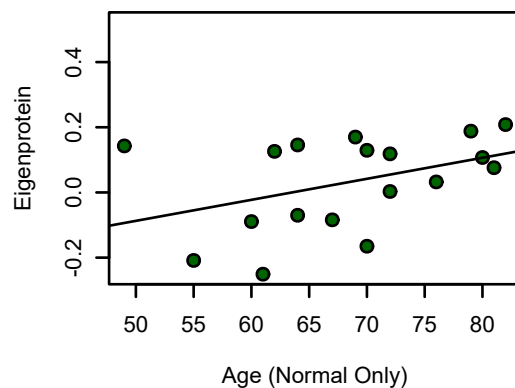
bicor=0.29, p=0.096
cor=0.2, p=0.25



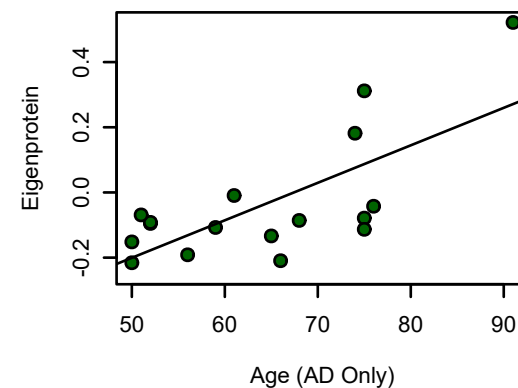
bicor=0.2, p=0.28
cor=0.36, p=0.047



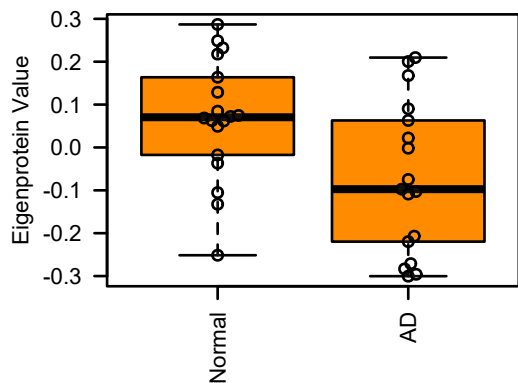
bicor=0.42, p=0.082
cor=0.41, p=0.091



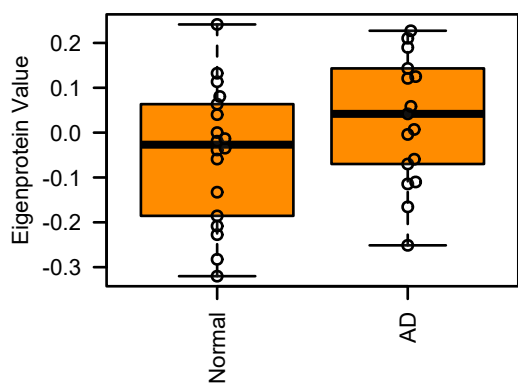
bicor=0.38, p=0.13
cor=0.71, p=0.0014



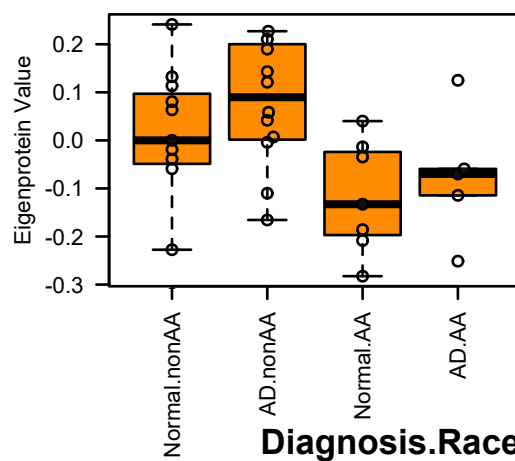
M26 darkorange.CSF38
TGF-? Signaling



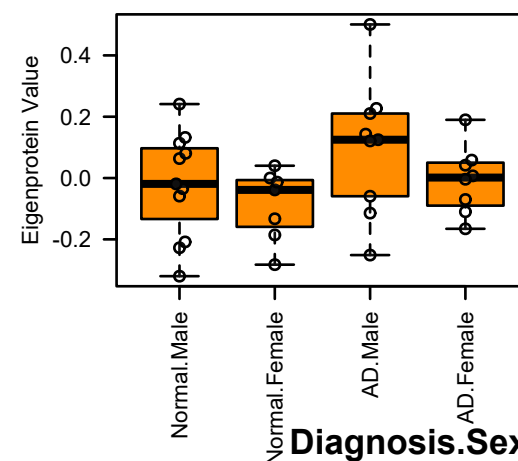
MEdarkorange.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.094



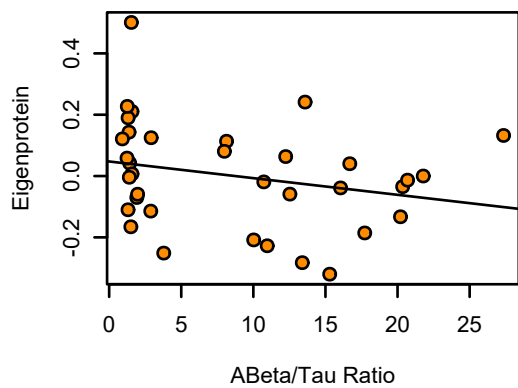
MEdarkorange.Plasma (Synthetic)
ANOVA p: 0.03



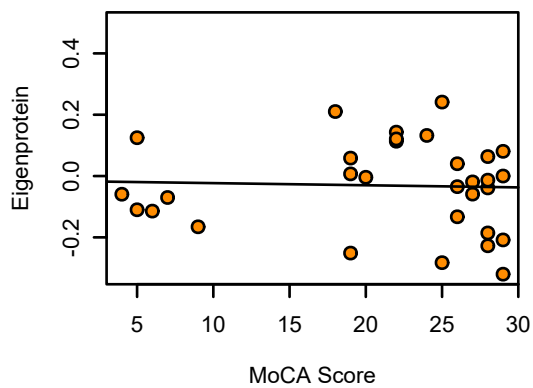
MEdarkorange.Plasma (Synthetic)
ANOVA p: 0.16



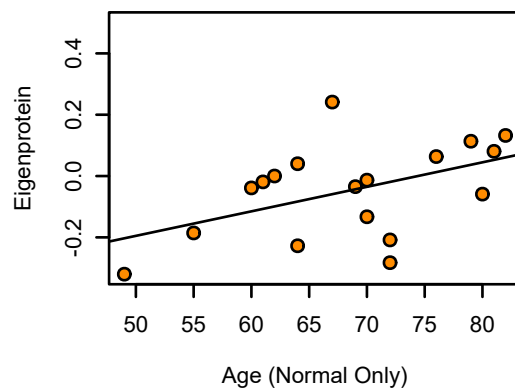
bicor=-0.26, p=0.14
cor=-0.25, p=0.15



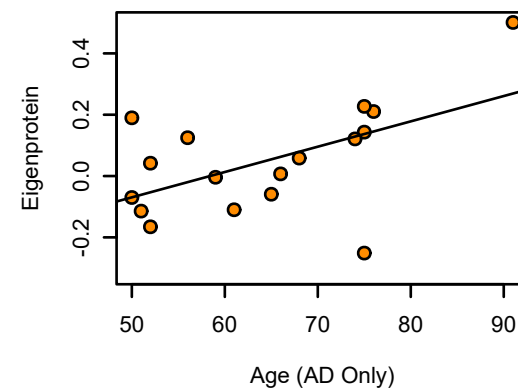
bicor=-0.18, p=0.35
cor=-0.04, p=0.83



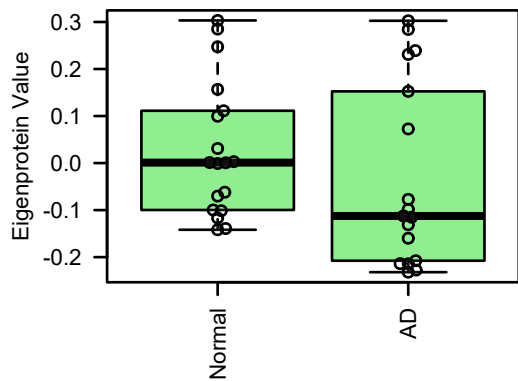
bicor=0.47, p=0.05
cor=0.48, p=0.044



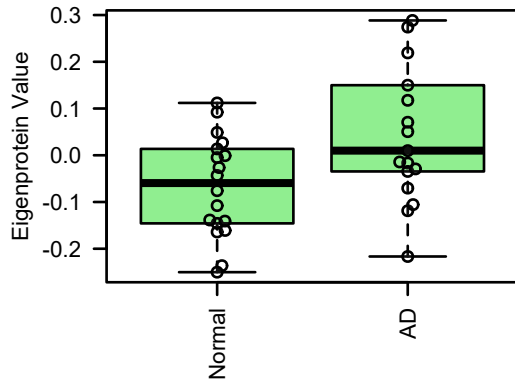
bicor=0.5, p=0.043
cor=0.55, p=0.022



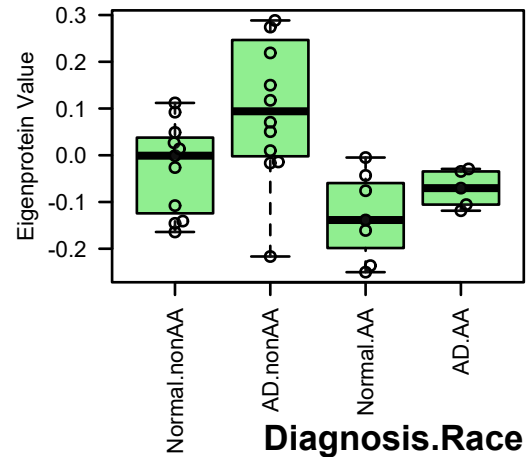
M18 lightgreen.CSF38
ECM Organization/Scavenger Receptor



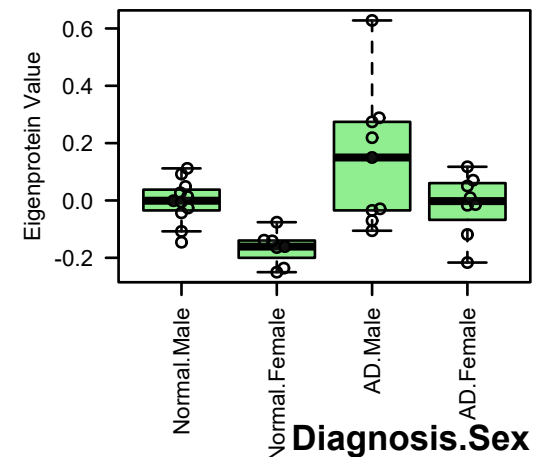
MElightgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.015



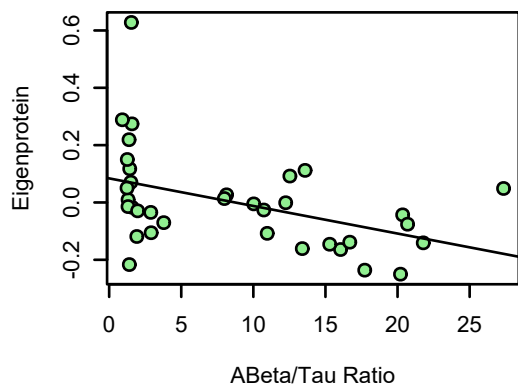
MElightgreen.Plasma (Synthetic)
ANOVA p: 0.0032



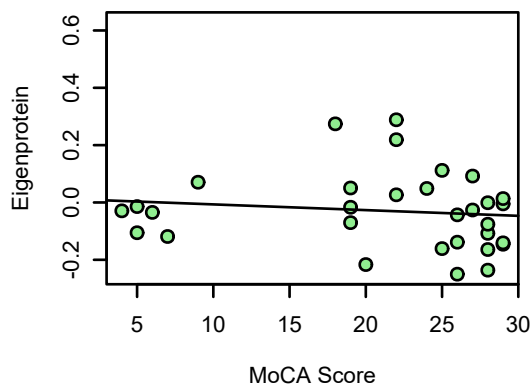
MElightgreen.Plasma (Synthetic)
ANOVA p: 0.0014



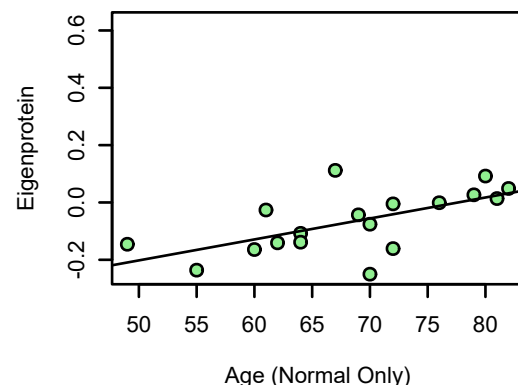
bicor=-0.47, p=0.0046
cor=-0.44, p=0.0082



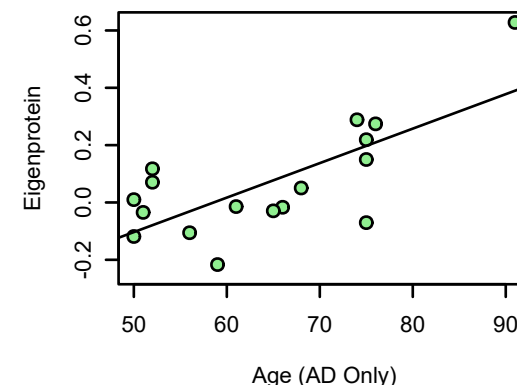
bicor=-0.31, p=0.089
cor=-0.12, p=0.52



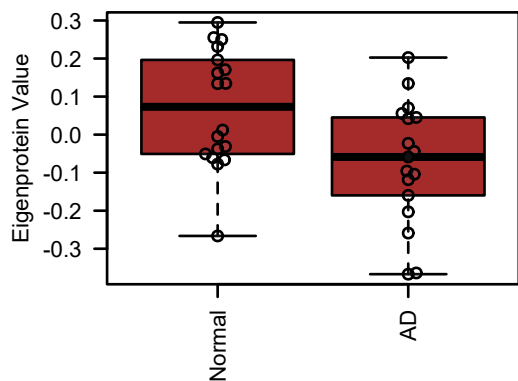
bicor=0.65, p=0.0034
cor=0.63, p=0.0051



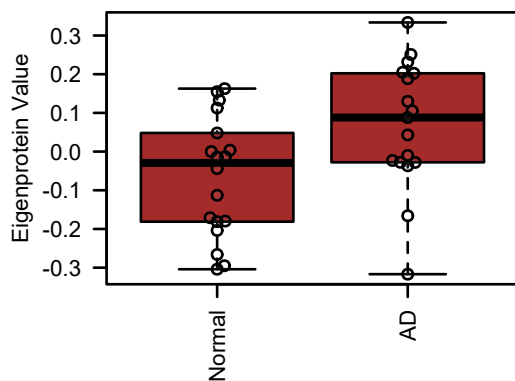
bicor=0.58, p=0.014
cor=0.72, p=0.0011



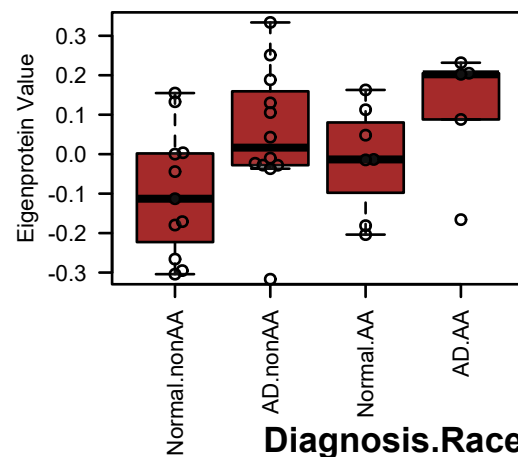
M3 brown.CSF38
Complement/Protein Activation Cascade



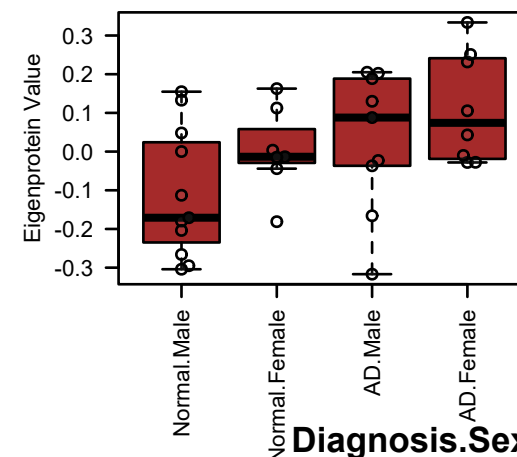
MEbrown.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.019



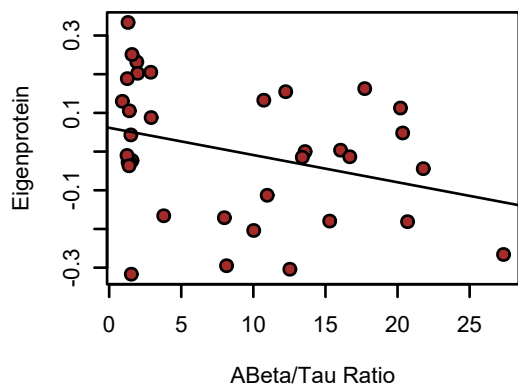
MEbrown.Plasma (Synthetic)
ANOVA p: 0.069



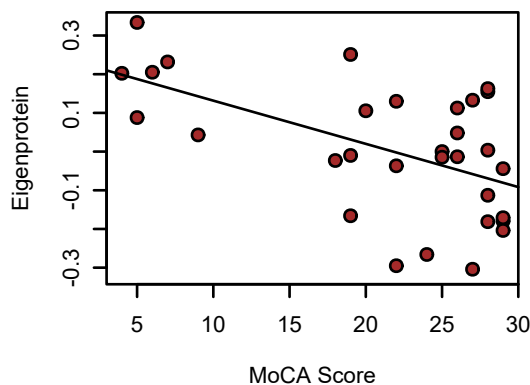
MEbrown.Plasma (Synthetic)
ANOVA p: 0.035



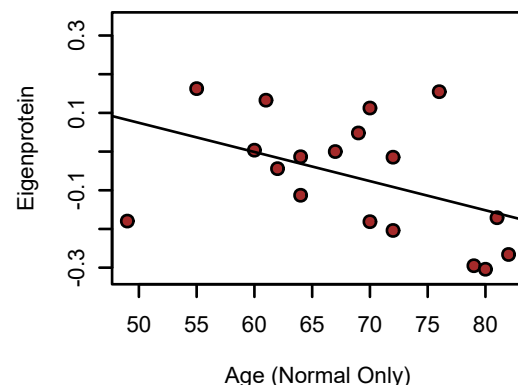
bicor=-0.31, p=0.07
cor=-0.32, p=0.061



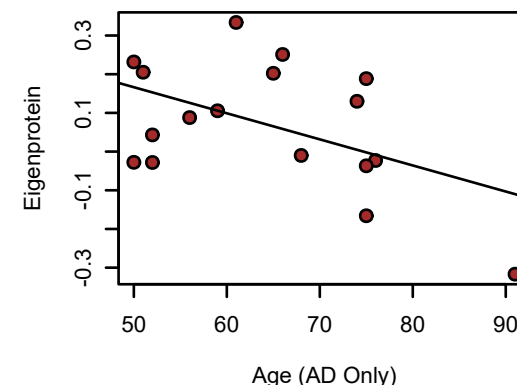
bicor=-0.38, p=0.035
cor=-0.55, p=0.0013



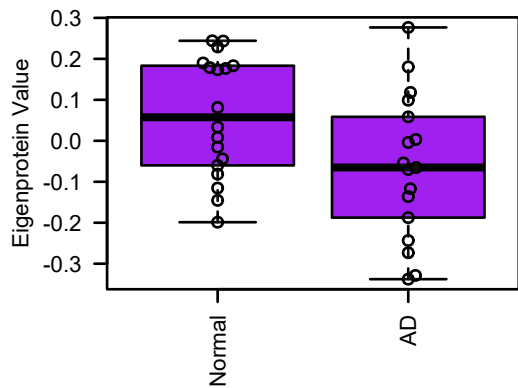
bicor=-0.43, p=0.074
cor=-0.45, p=0.061



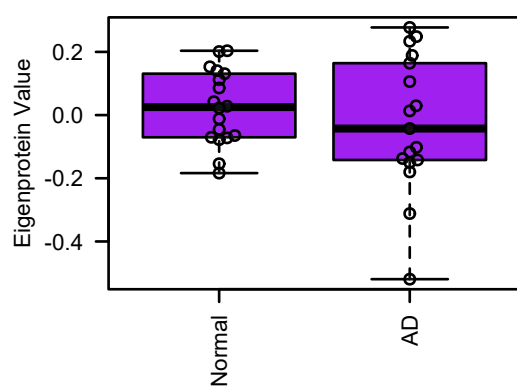
bicor=-0.42, p=0.097
cor=-0.49, p=0.046



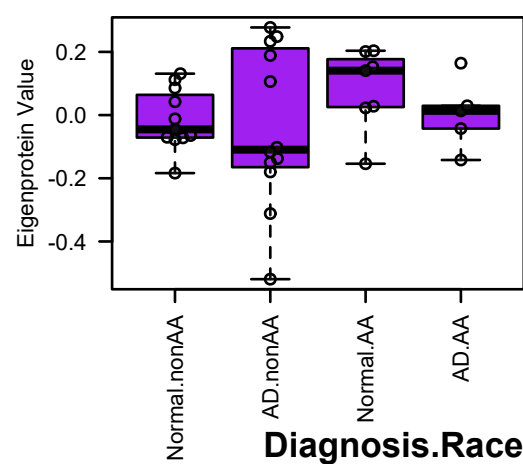
M10 purple.CSF38
Ossification/Bone Development



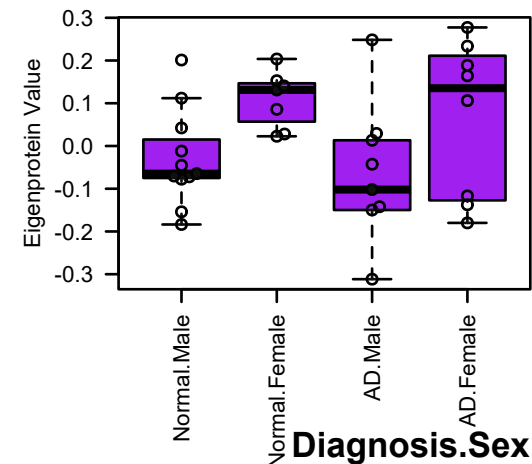
MEpurple.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.39



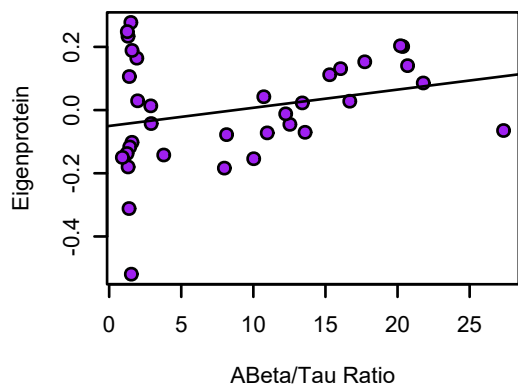
MEpurple.Plasma (Synthetic)
ANOVA p: 0.51



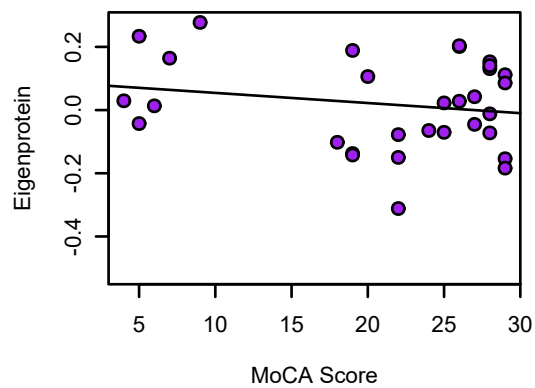
MEpurple.Plasma (Synthetic)
ANOVA p: 0.038



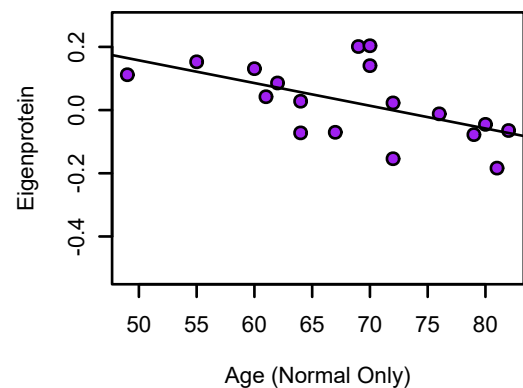
bicor=0.26, p=0.13
cor=0.26, p=0.13



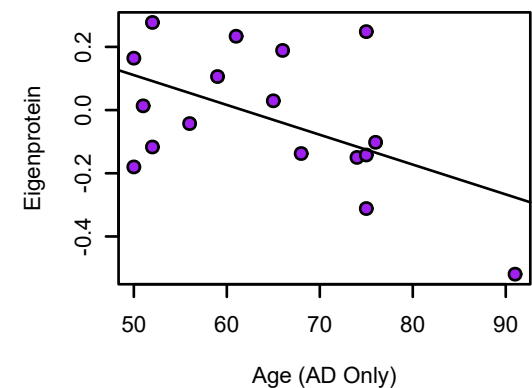
bicor=0.0099, p=0.96
cor=-0.19, p=0.31



bicor=-0.57, p=0.013
cor=-0.56, p=0.016



bicor=-0.48, p=0.05
cor=-0.53, p=0.029



Data Subset:

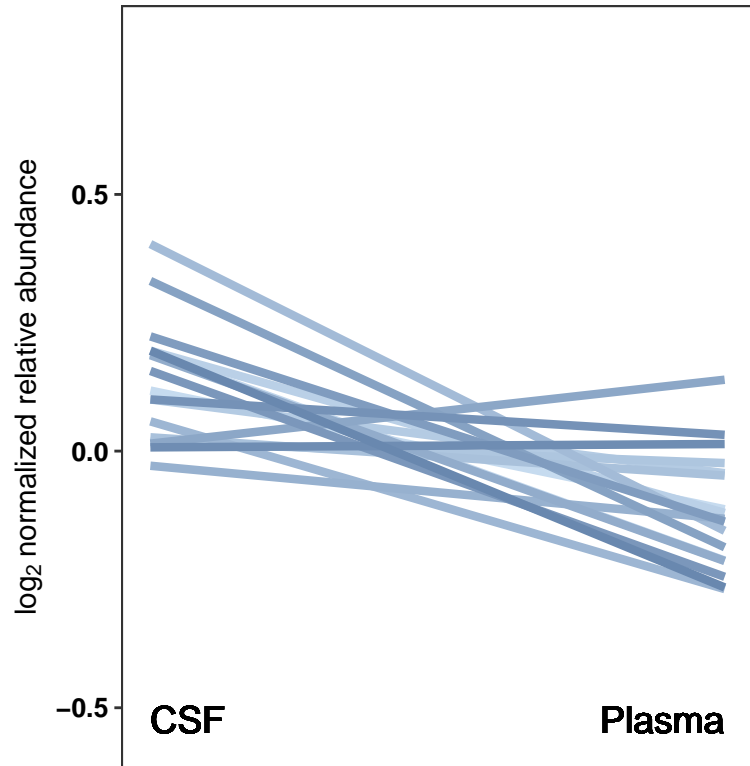
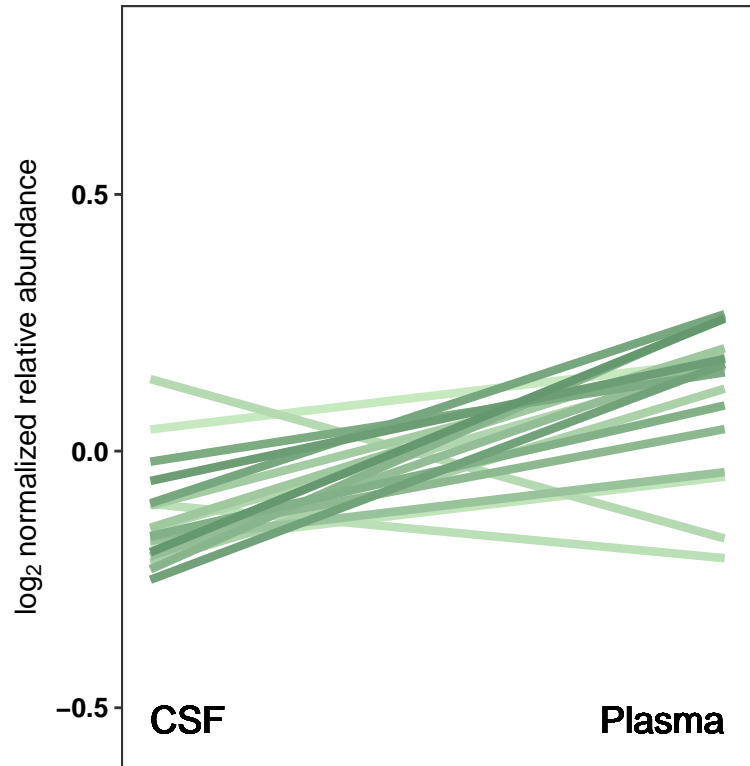
CSF 37 of 38 modules as template

M8 pink: Autophagy

slopeDiff(AD-CT): -0.49

Normal:

AD:

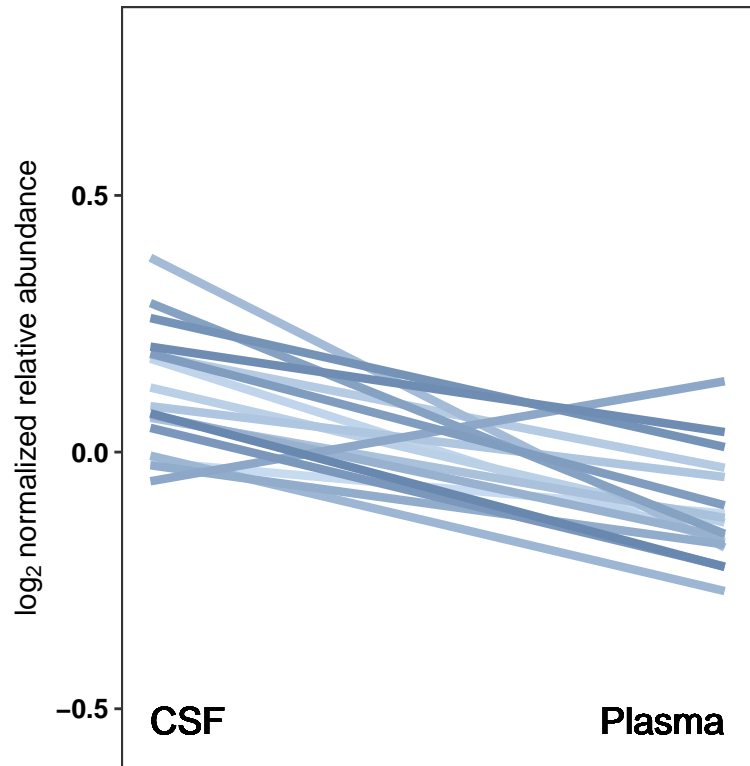
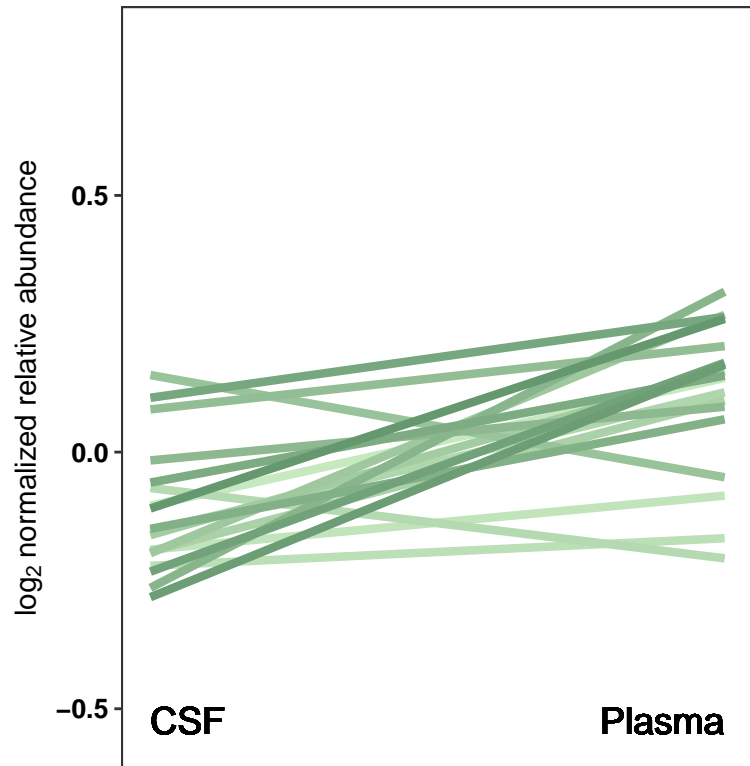


M15 midnightblue: Post-Synaptic Membrane

slopeDiff(AD-CT): -0.461

Normal:

AD:

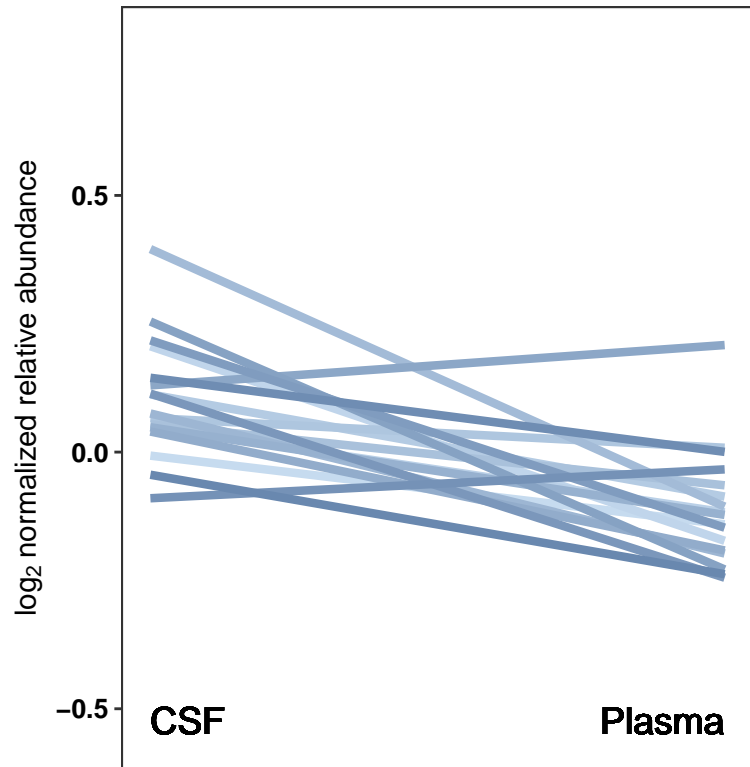
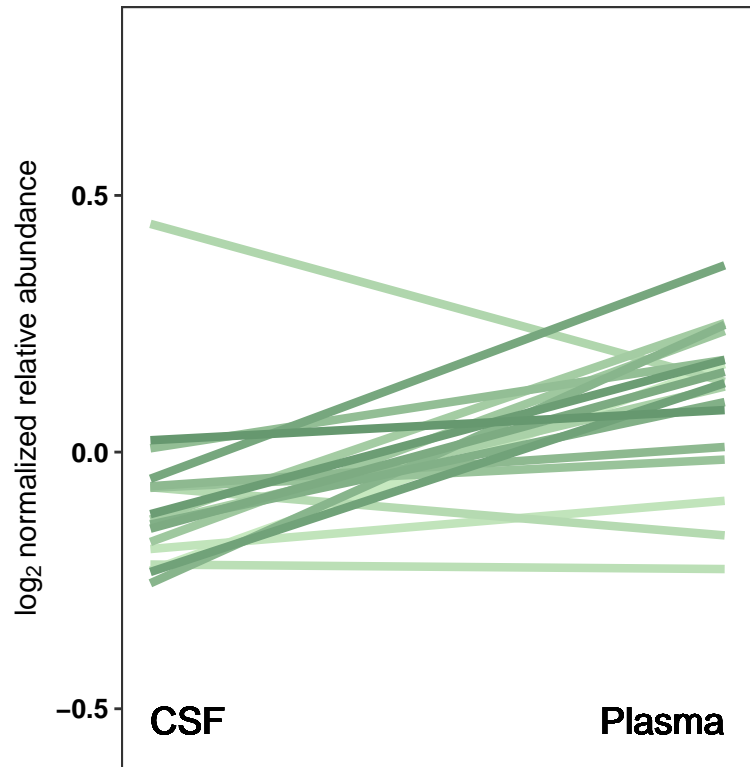


M29 saddlebrown: Sugar Metabolism/Actin Depolymerization

slopeDiff(AD-CT): -0.417

Normal:

AD:

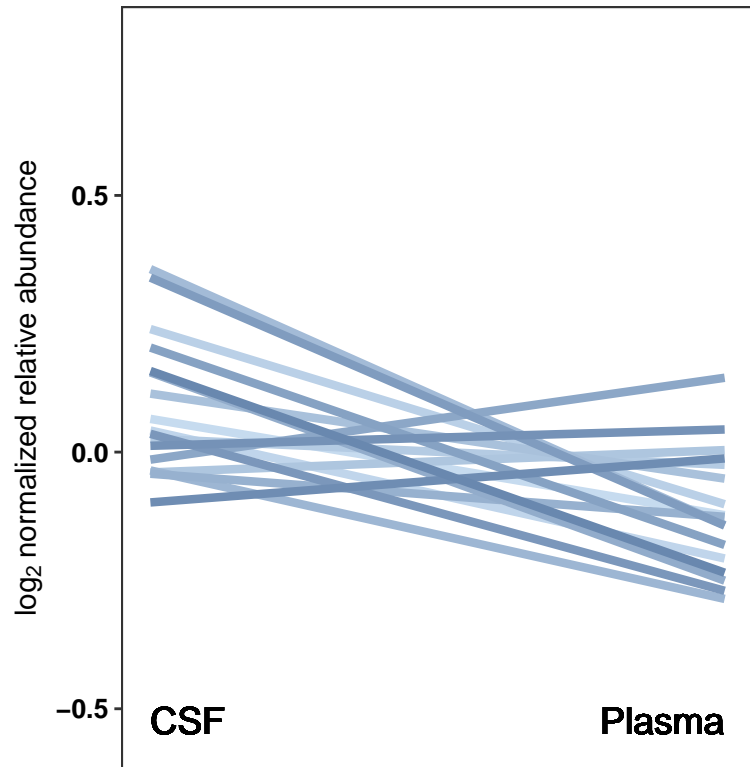
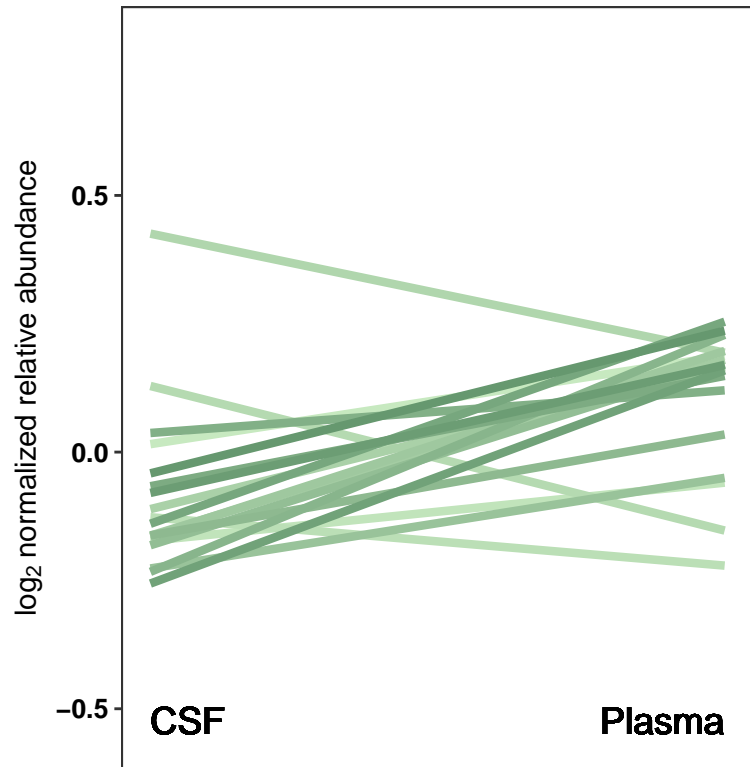


M24 darkgrey: Ubiquitination

slopeDiff(AD-CT): -0.398

Normal:

AD:

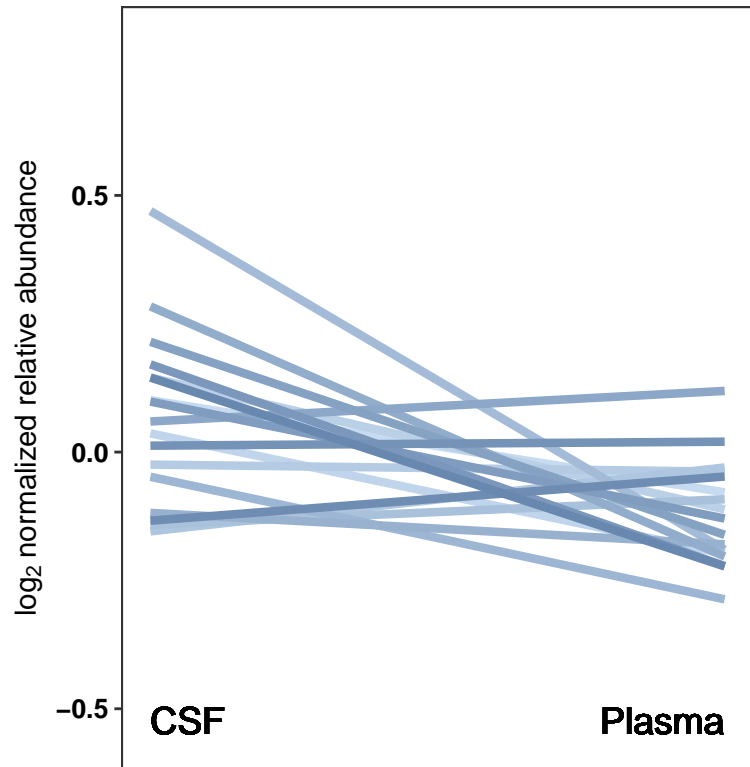
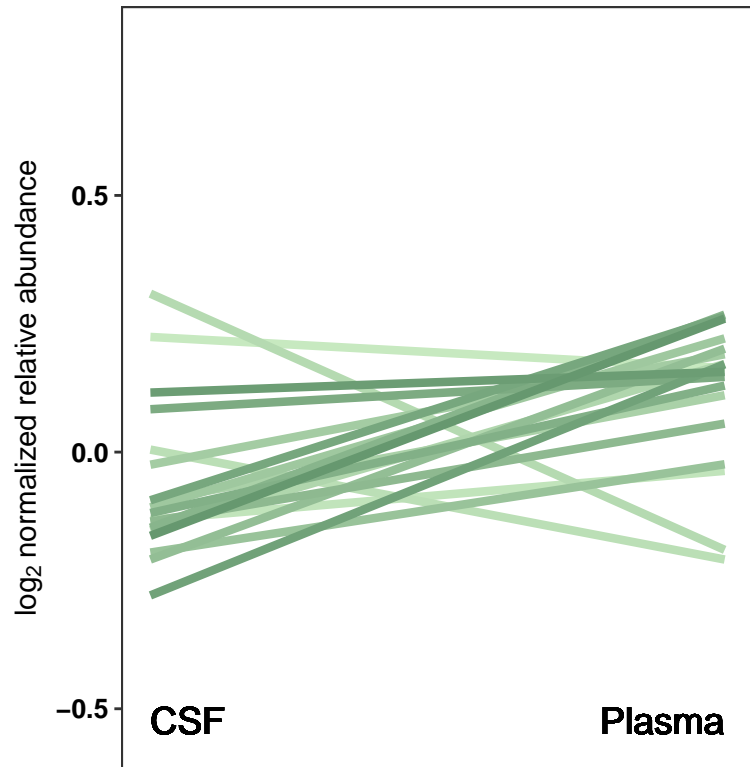


M7 black: SNAP Receptor/SNARE Complex

slopeDiff(AD-CT): -0.362

Normal:

AD:

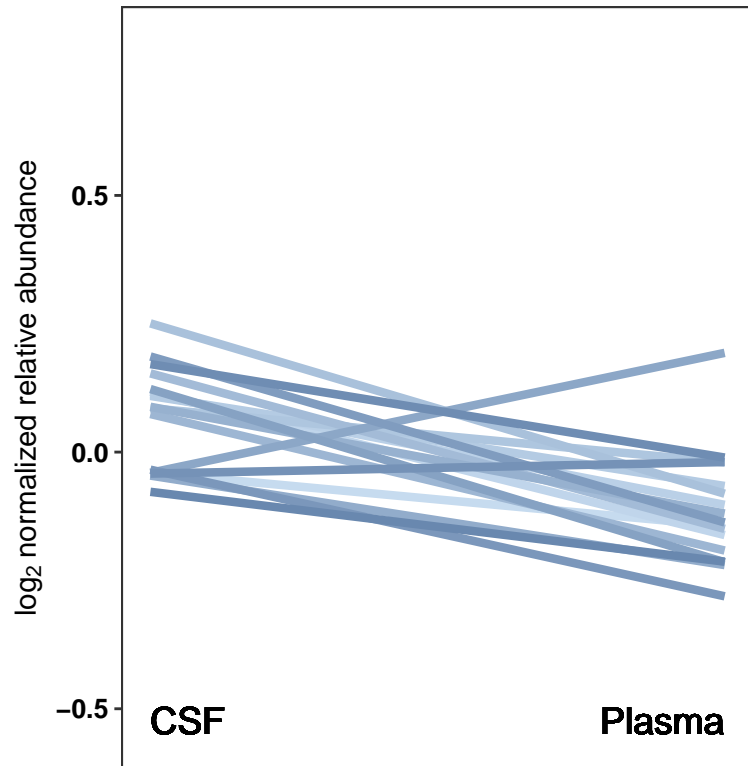
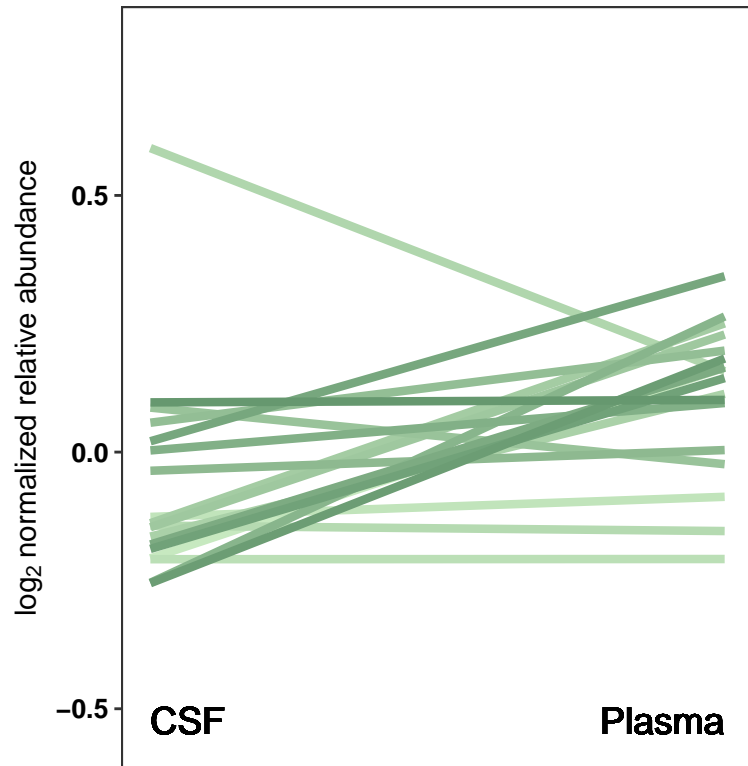


M16 lightcyan: Sugar Metabolism

slopeDiff(AD-CT): -0.358

Normal:

AD:

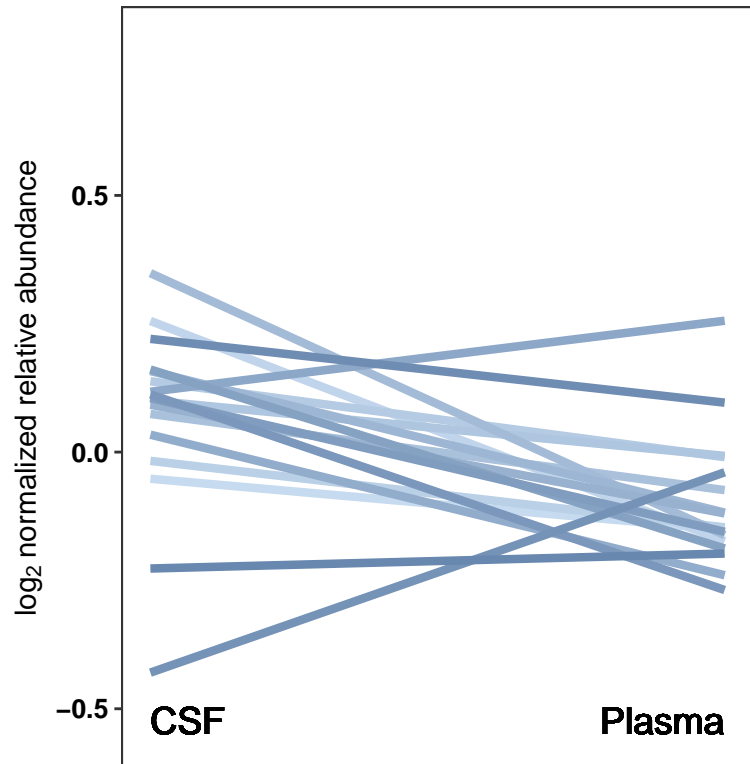
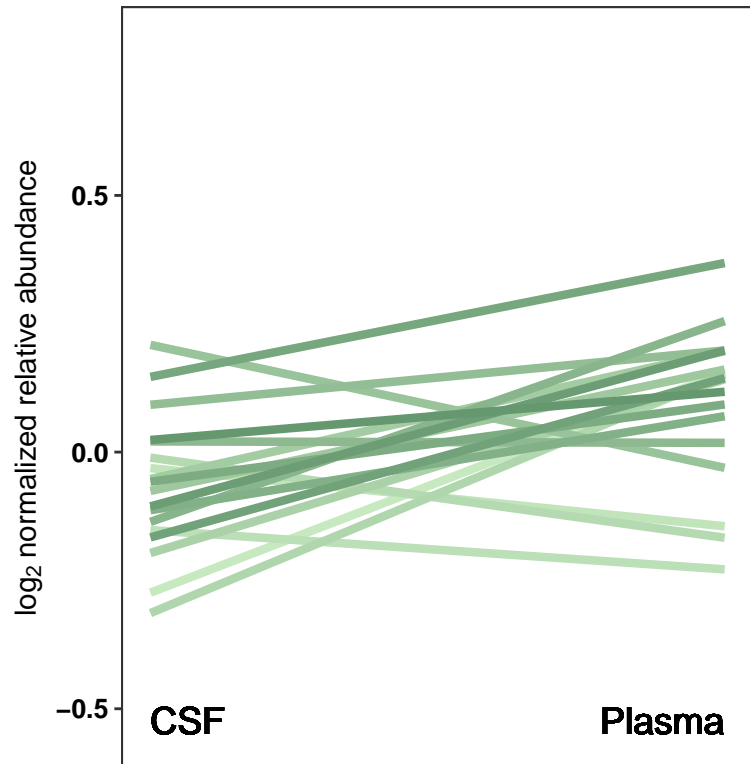


M6 red: Muscle/Neurotransmitter Transport

slopeDiff(AD-CT): -0.331

Normal:

AD:

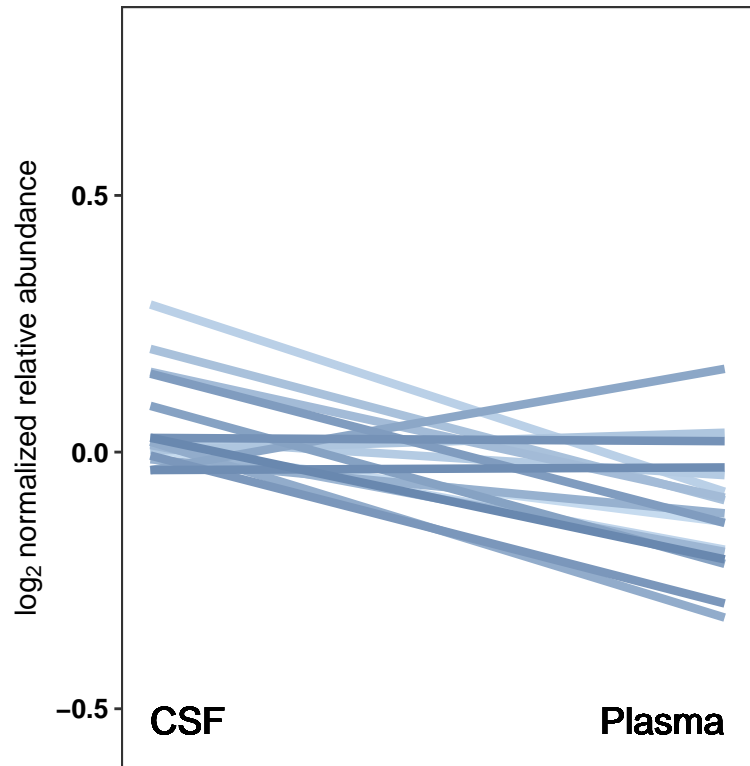
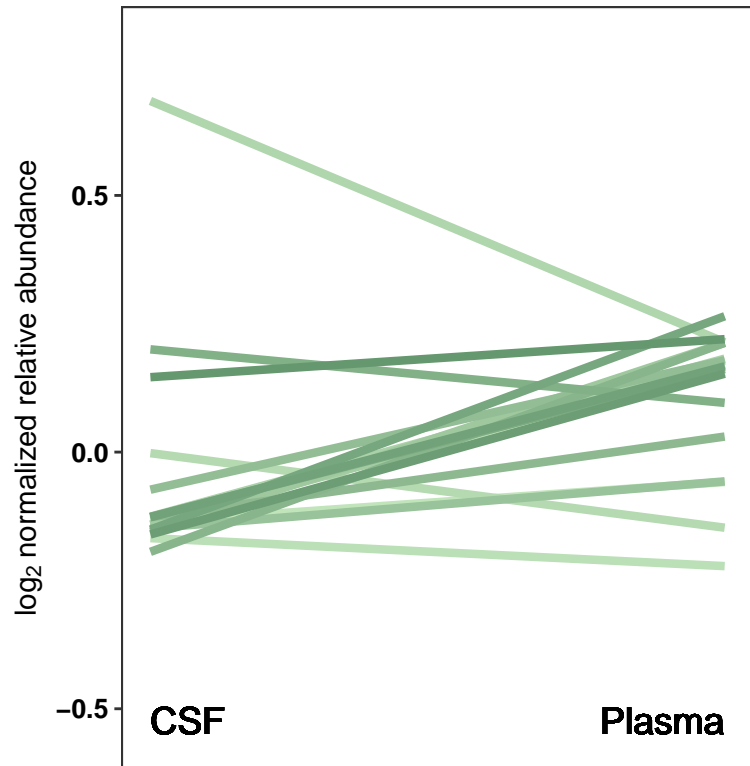


M35 sienna3: Ambiguous

slopeDiff(AD-CT): -0.329

Normal:

AD:

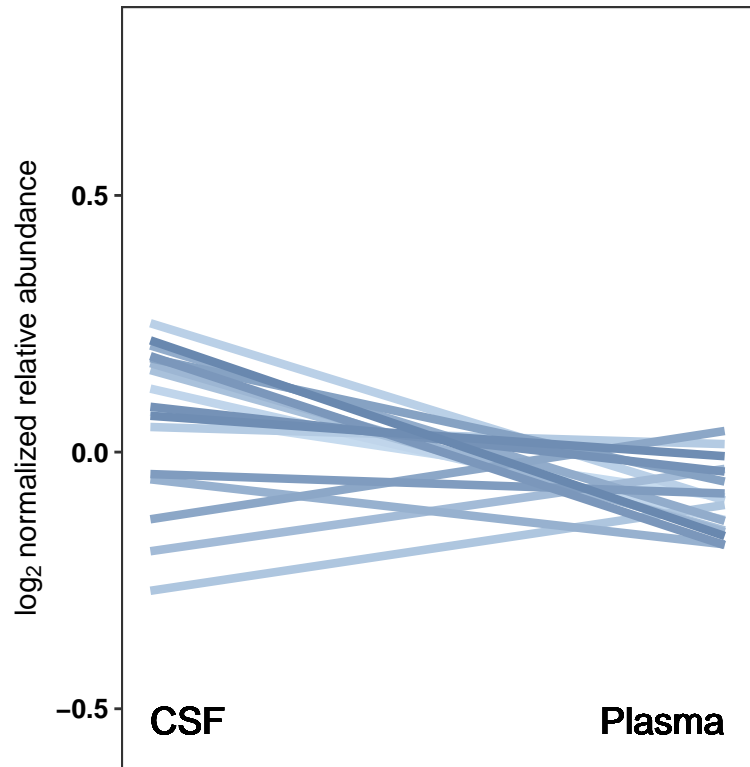
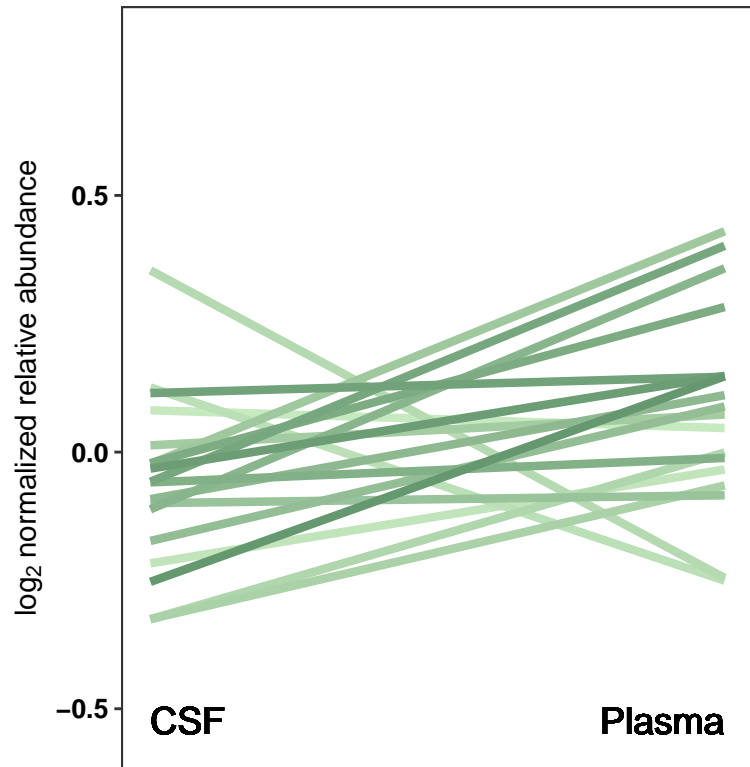


M32 violet: Synaptic Membrane/Matrisome

slopeDiff(AD-CT): -0.302

Normal:

AD:

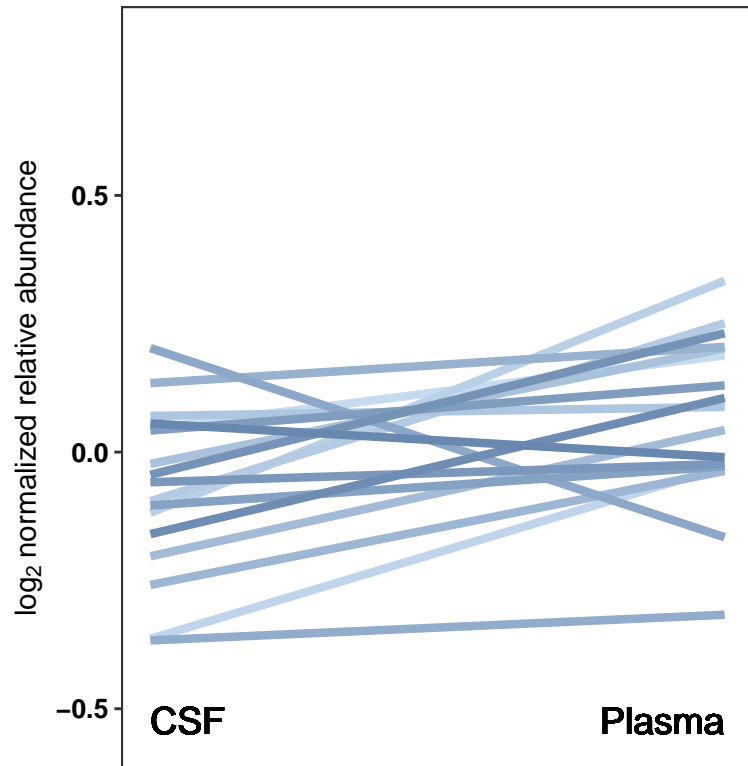
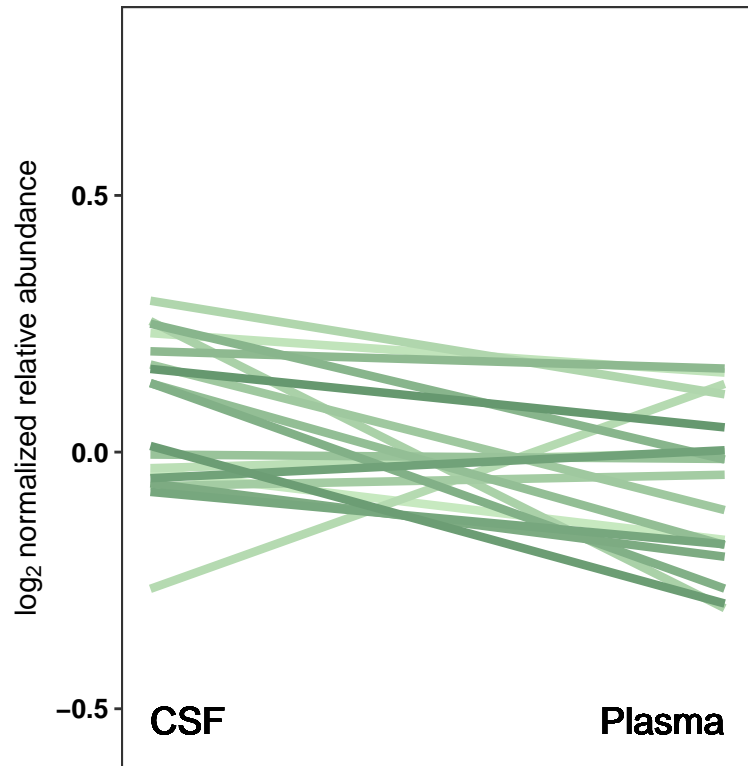


M3 brown: Complement/Protein Activation Cascade

slopeDiff(AD-CT): 0.276

Normal:

AD:

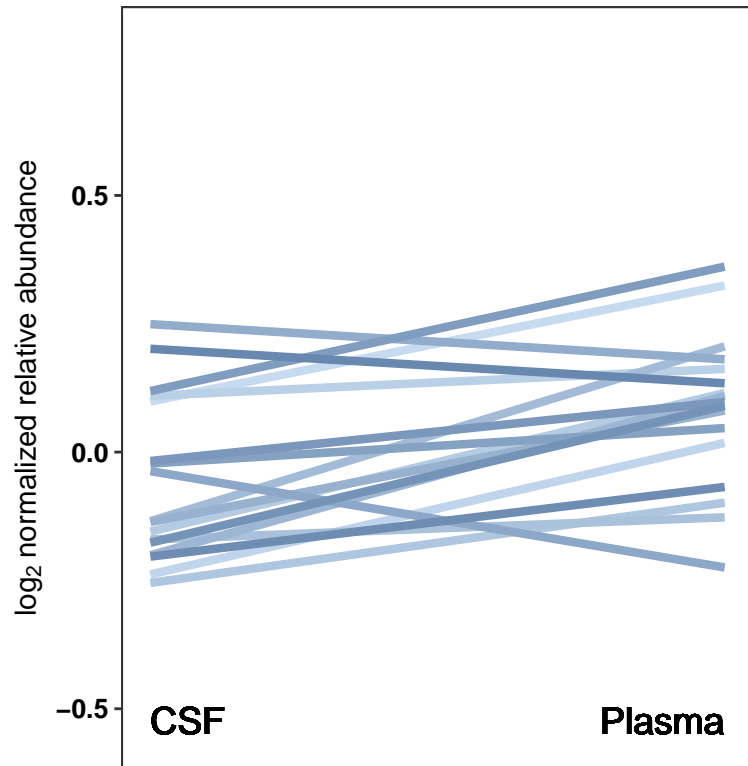
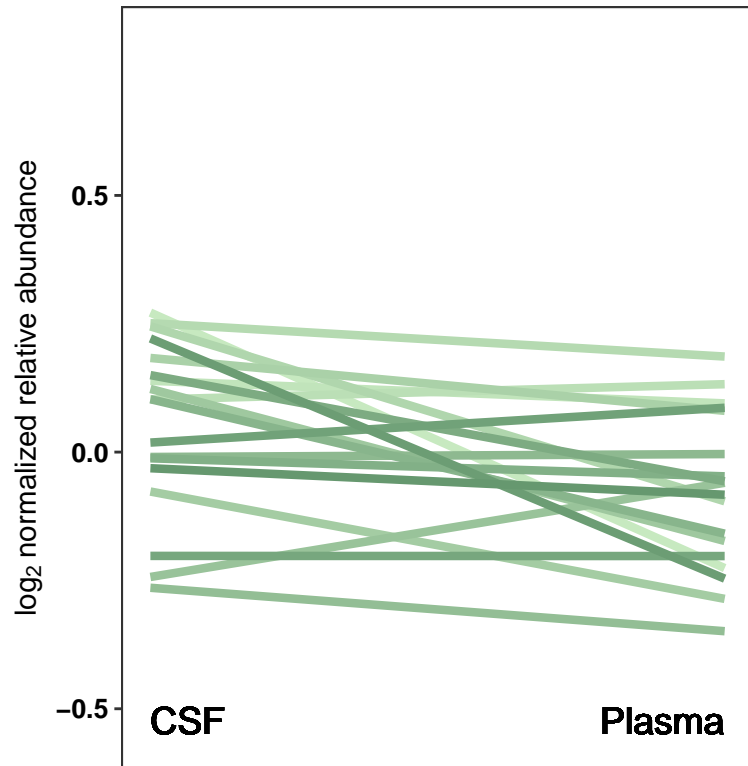


M14 cyan: Golgi/Glycosylation

slopeDiff(AD-CT): 0.272

Normal:

AD:

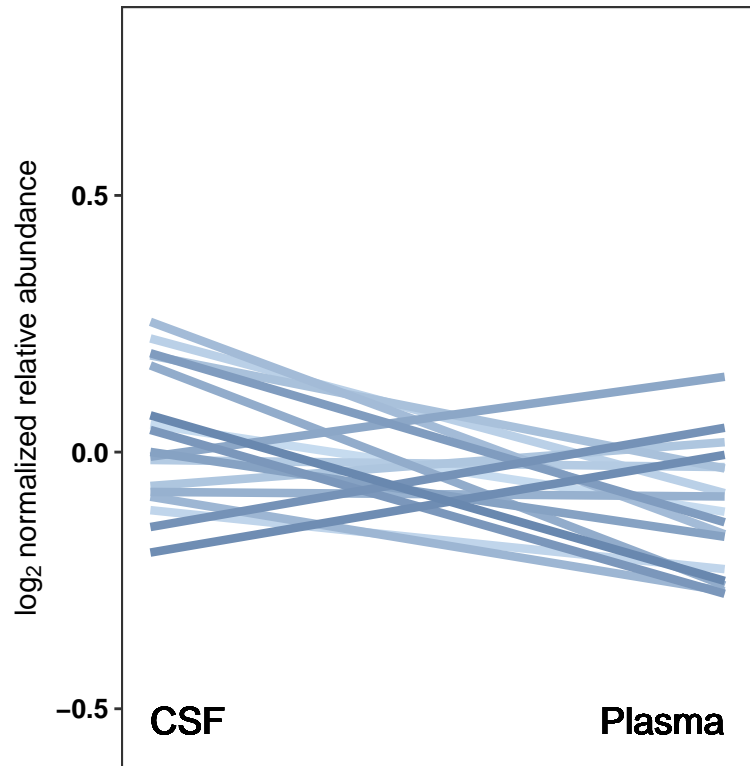
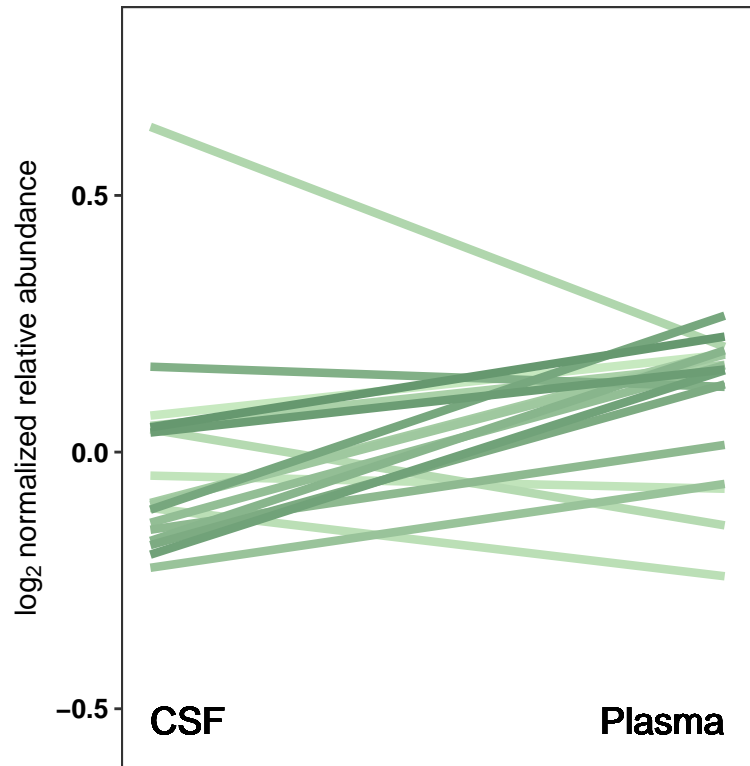


M36 yellowgreen: Organelle Organization/Biogenesis

slopeDiff(AD-CT): -0.271

Normal:

AD:

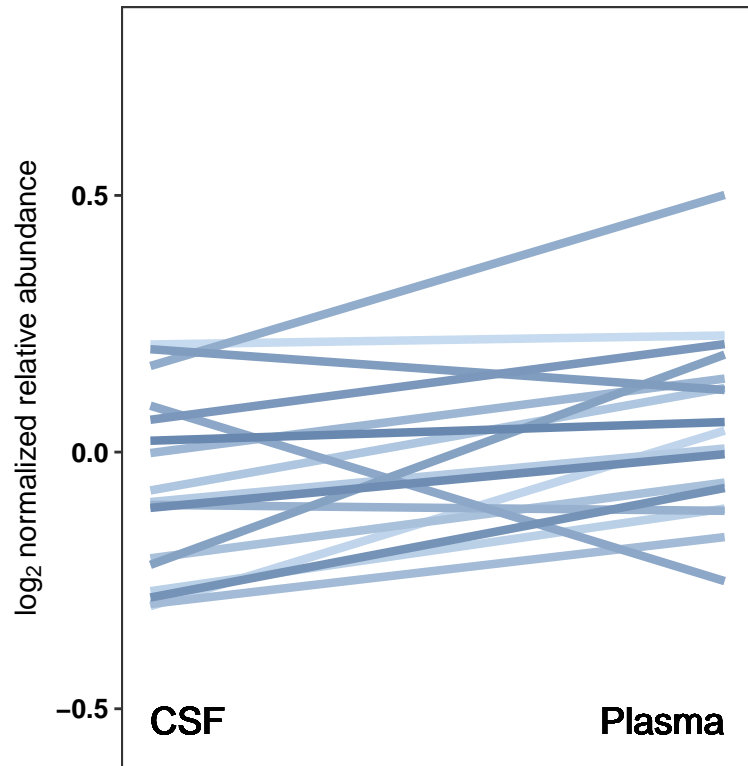
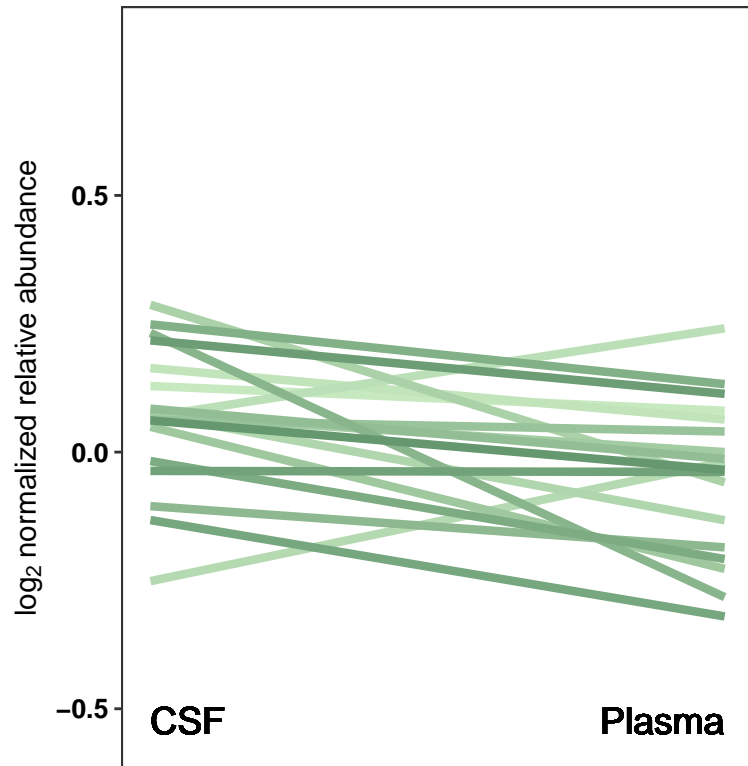


M26 darkorange: TGF-? Signaling

slopeDiff(AD-CT): 0.236

Normal:

AD:

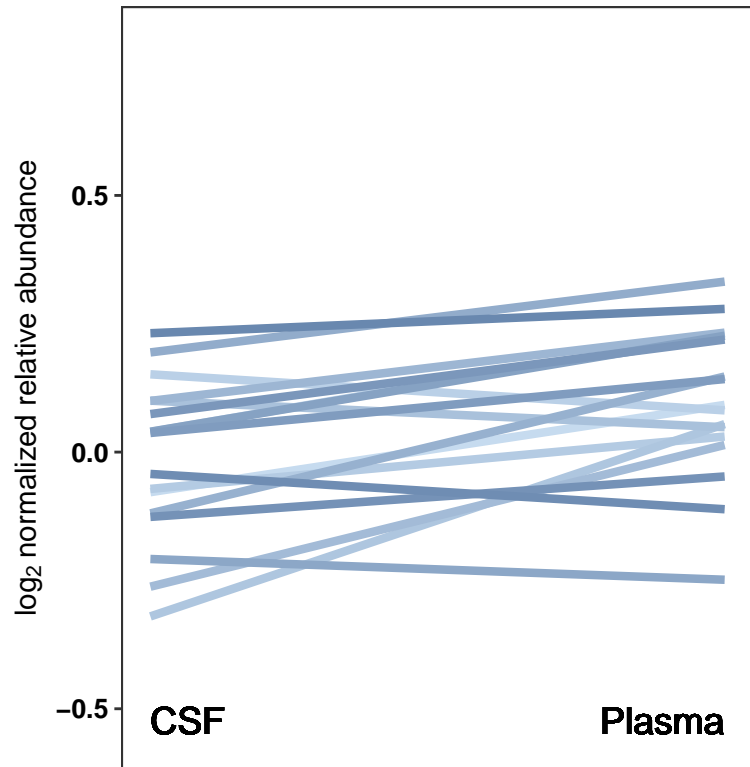
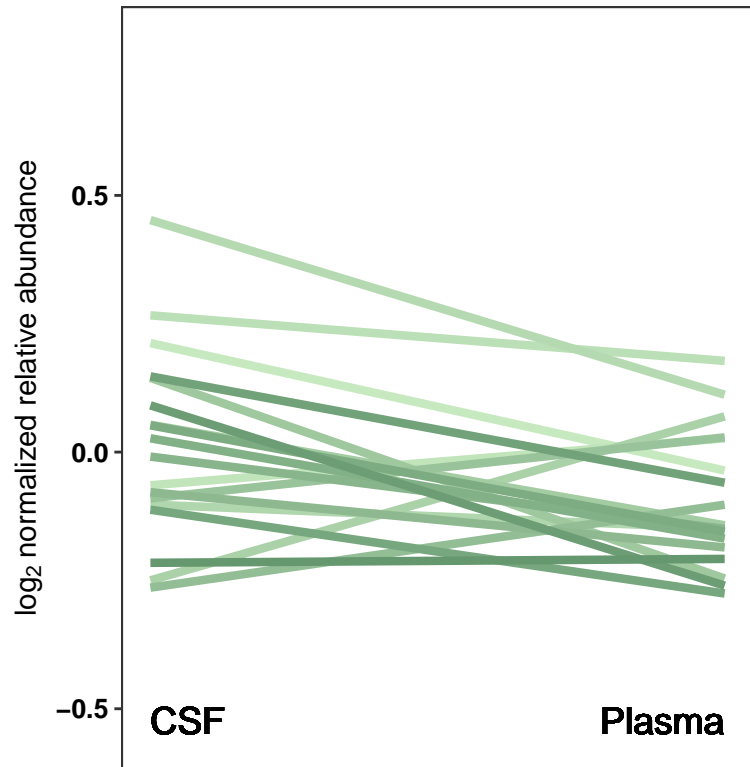


M13 salmon: Semaphorin–Plexin/Axon Guidance

slopeDiff(AD–CT): 0.227

Normal:

AD:

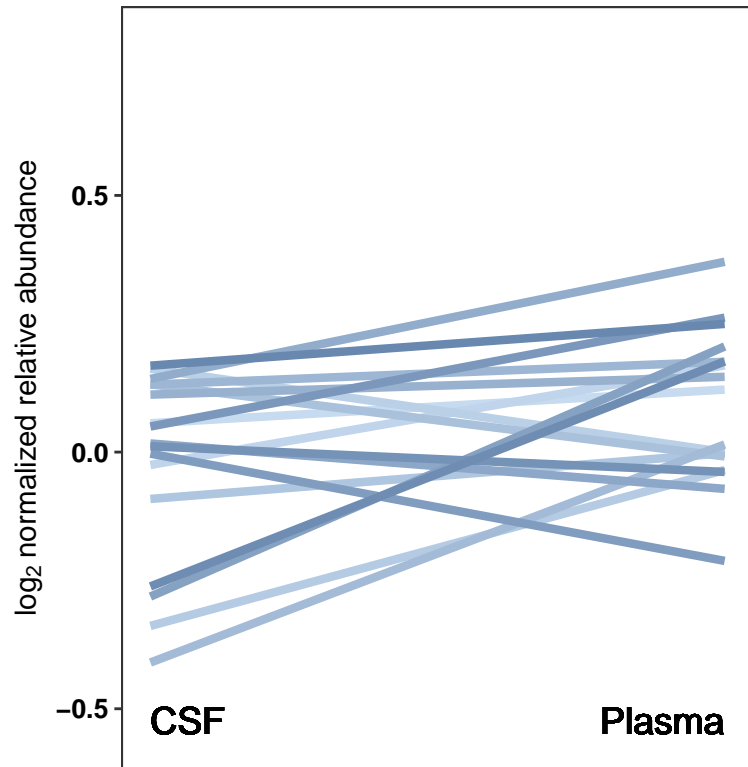
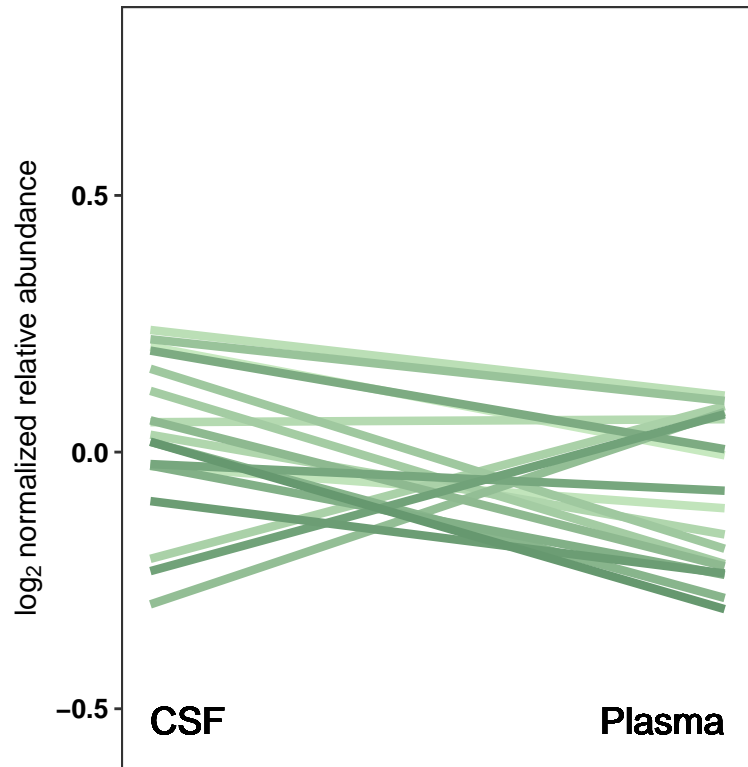


M38 plum1: Ambiguous

slopeDiff(AD-CT): 0.223

Normal:

AD:

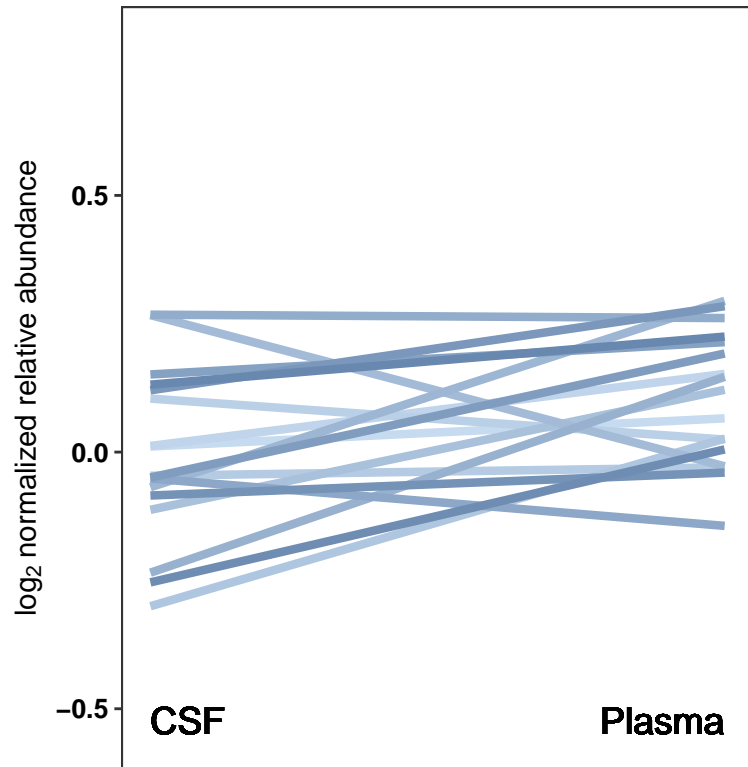
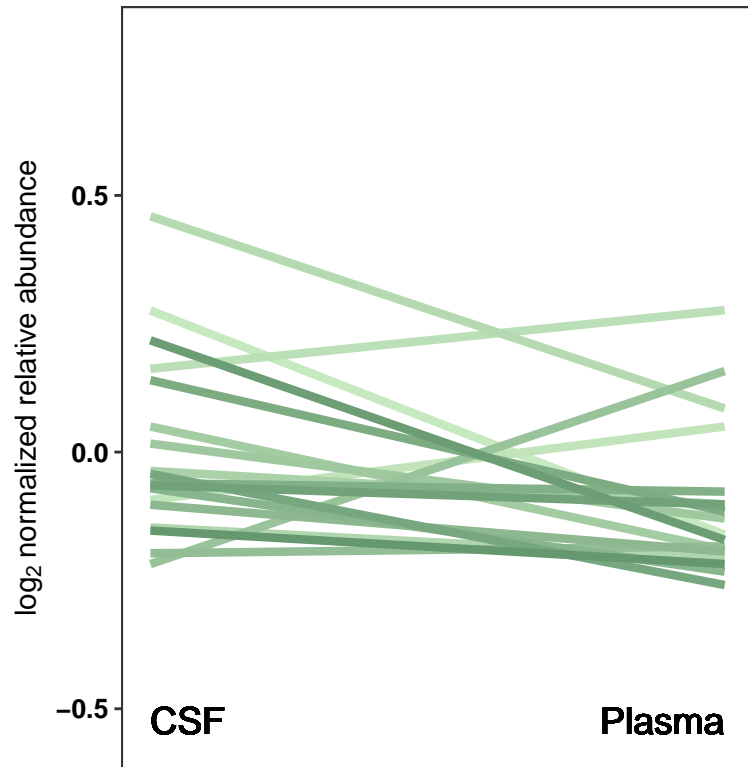


M2 blue: Neuronal/Axon Development

slopeDiff(AD-CT): 0.218

Normal:

AD:

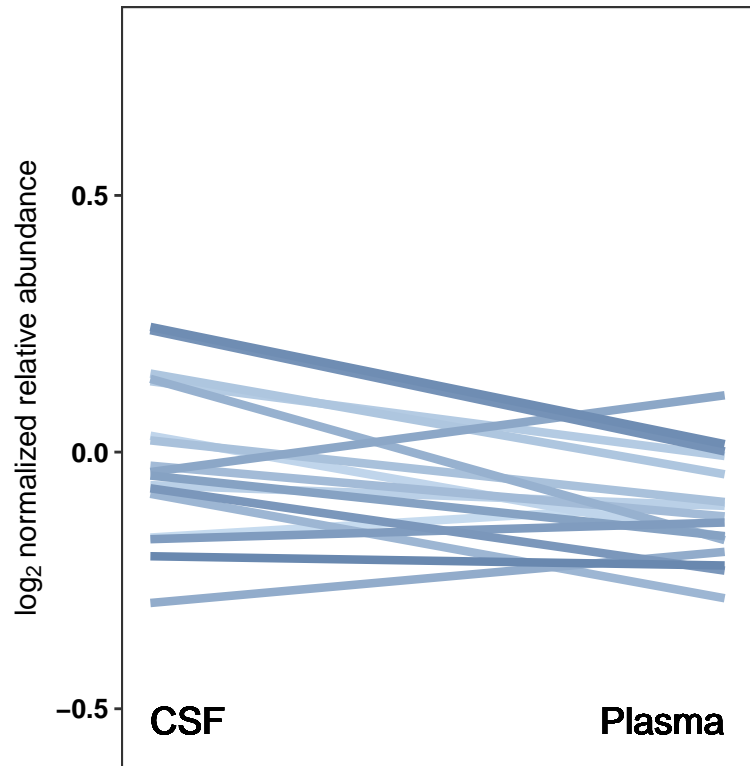
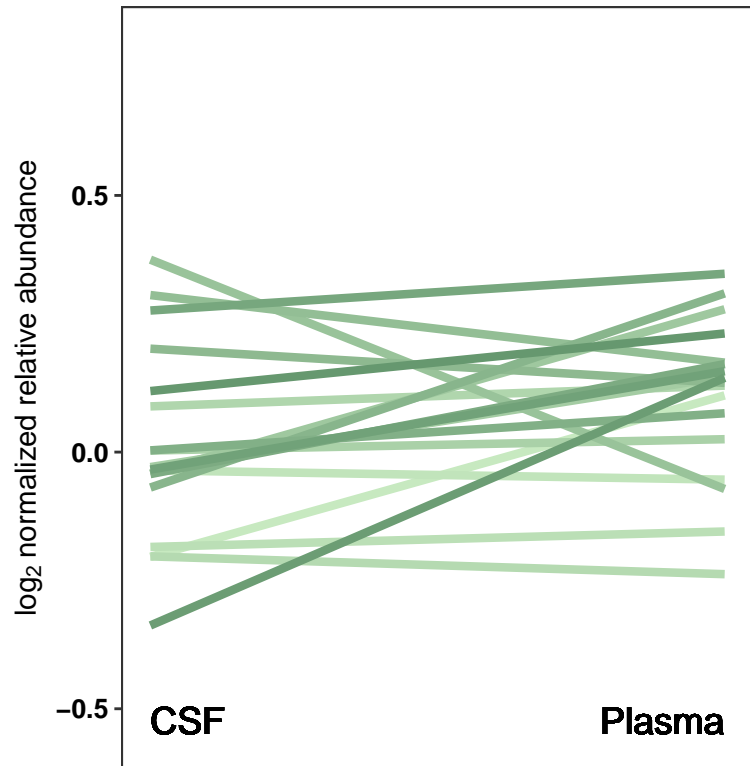


M1 turquoise: Immune Response

slopeDiff(AD-CT): -0.198

Normal:

AD:

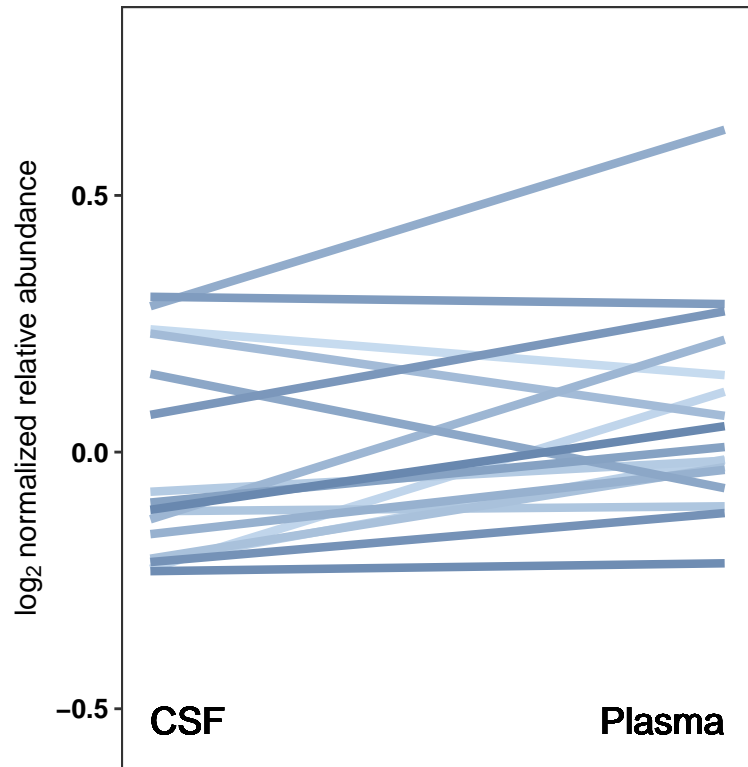
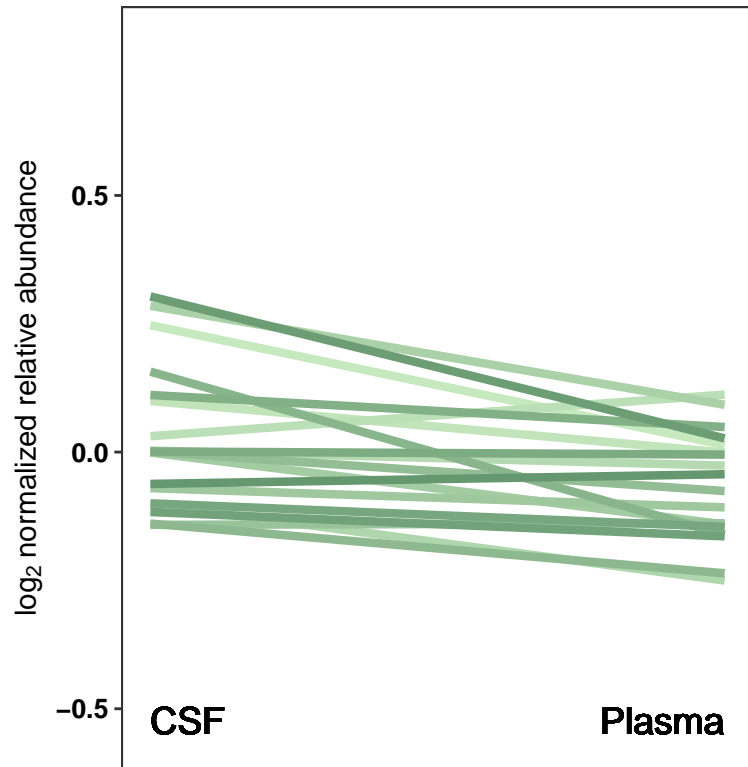


M18 lightgreen: ECM Organization/Scavenger Receptor

slopeDiff(AD-CT): 0.195

Normal:

AD:

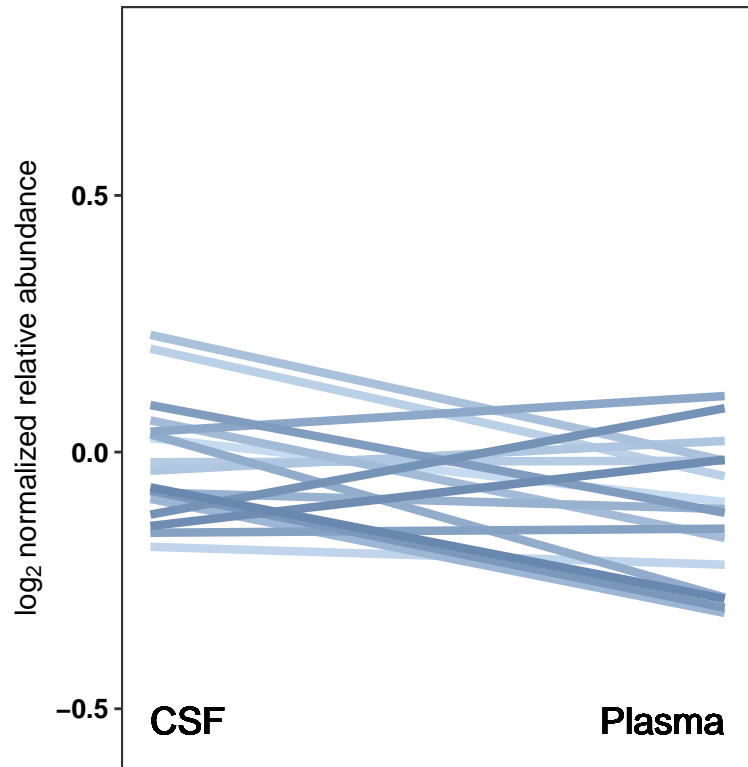
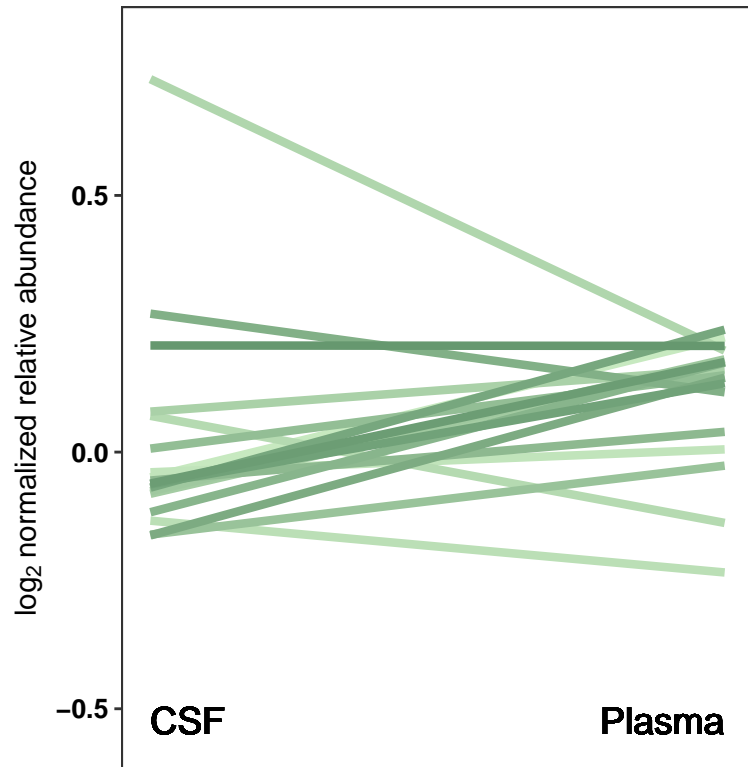


M33 darkolivegreen: Translation/Sugar Binding

slopeDiff(AD-CT): -0.187

Normal:

AD:

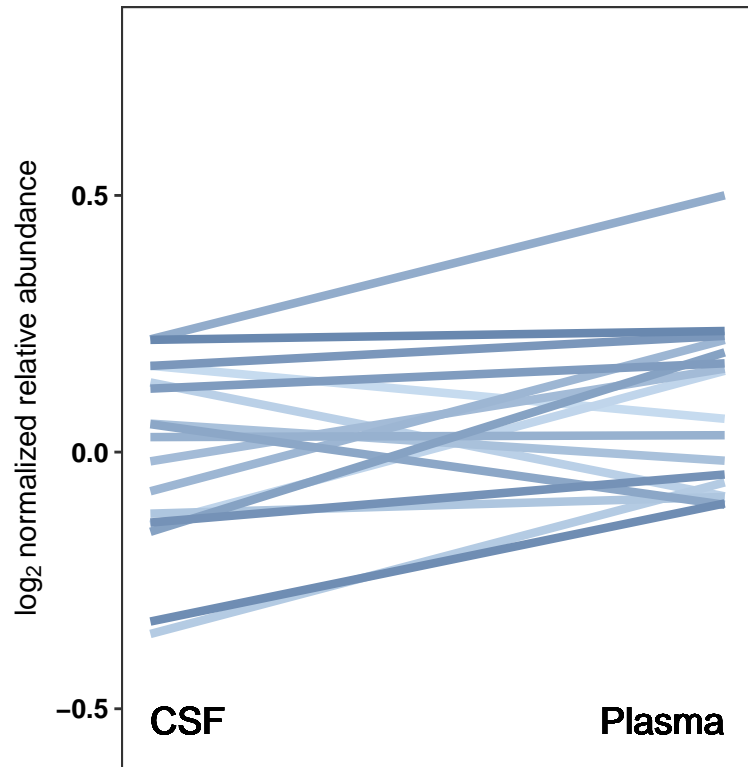
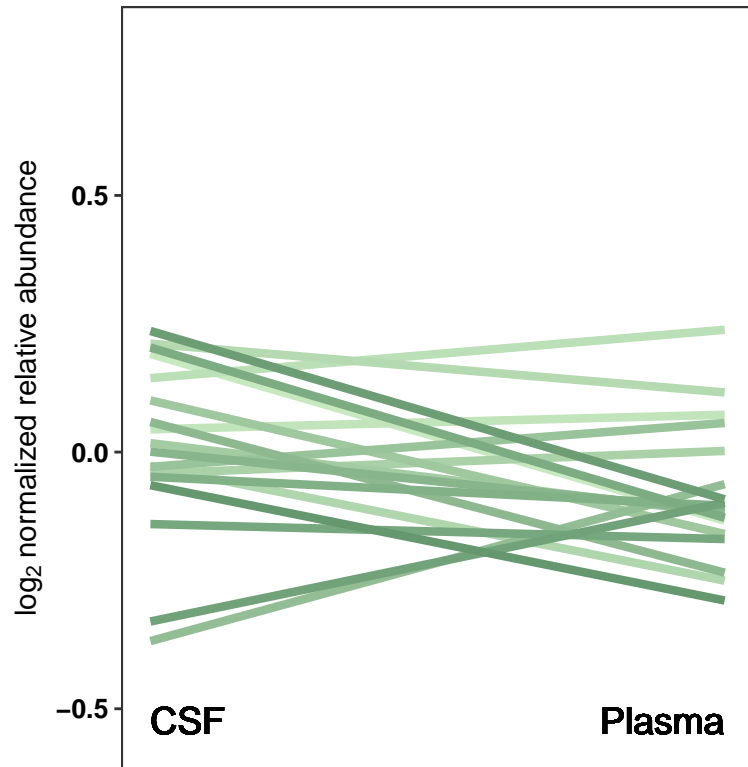


M27 white: Ambiguous

slopeDiff(AD-CT): 0.187

Normal:

AD:

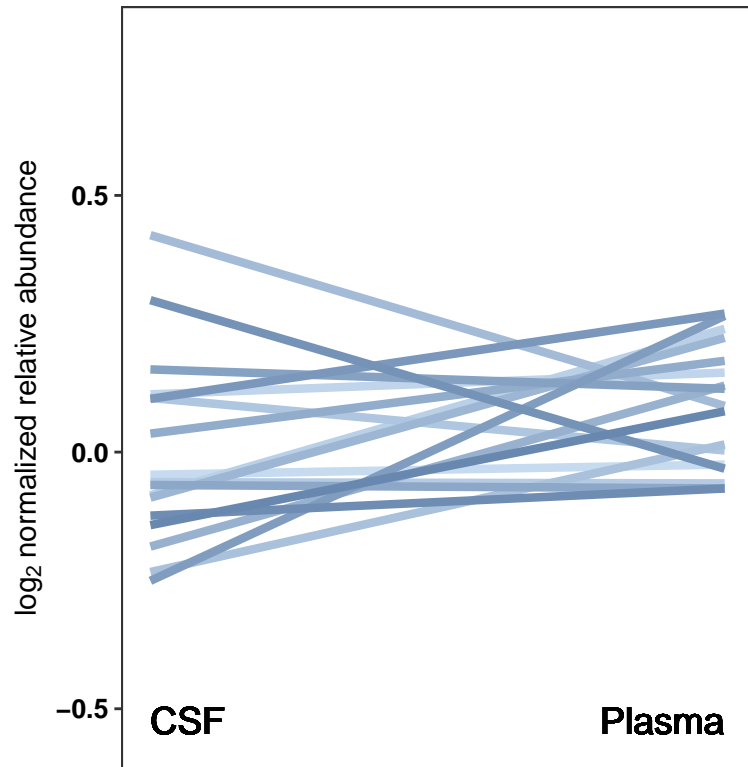
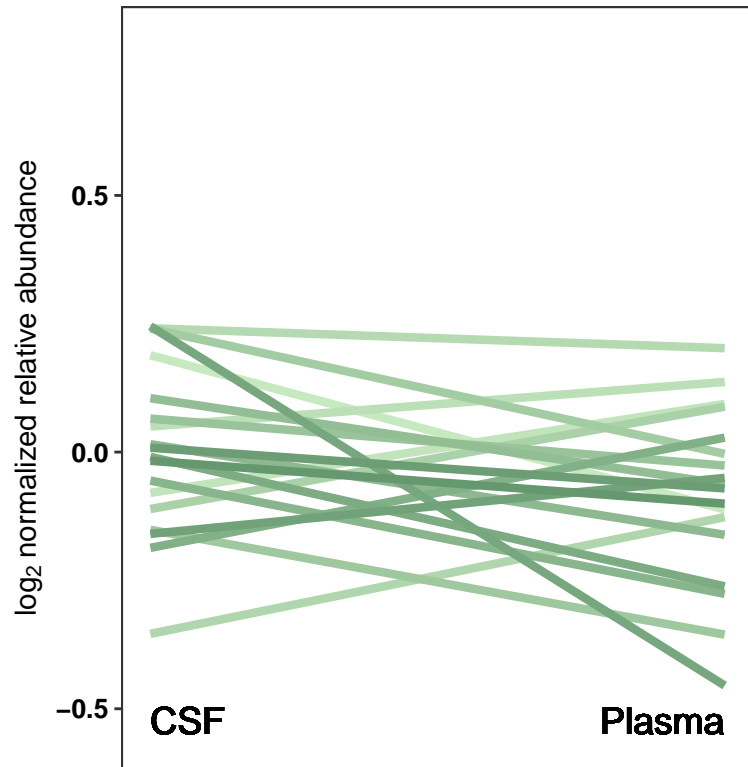


M11 greenyellow: Ambiguous

slopeDiff(AD-CT): 0.177

Normal:

AD:

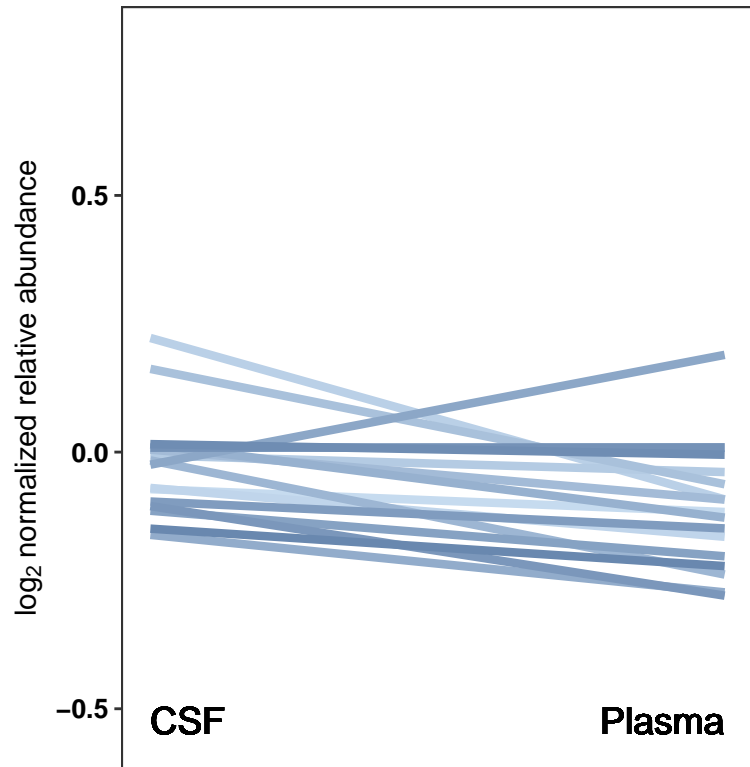
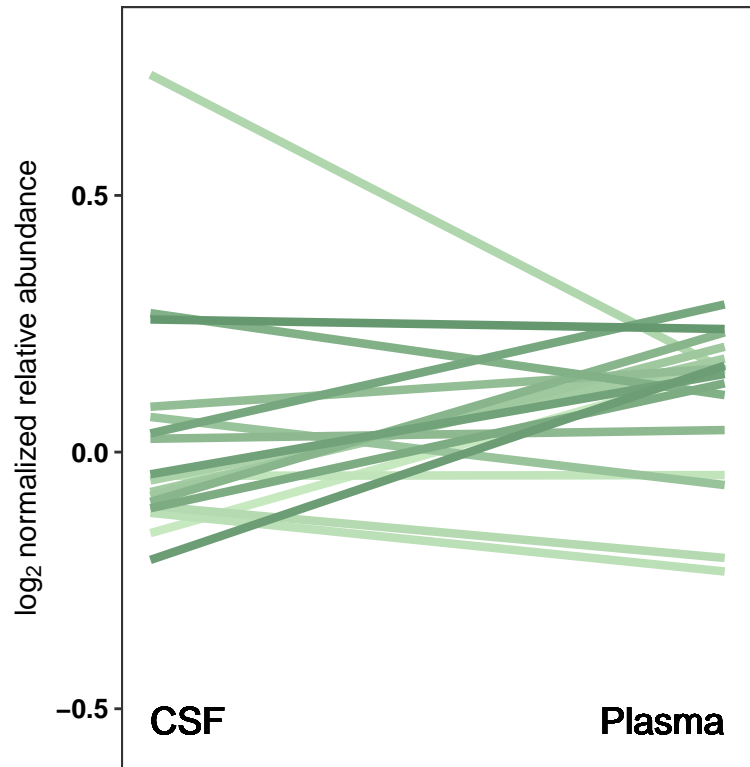


M5 green: Compound Metabolism/Heat Shock Protein Binding

slopeDiff(AD-CT): -0.169

Normal:

AD:

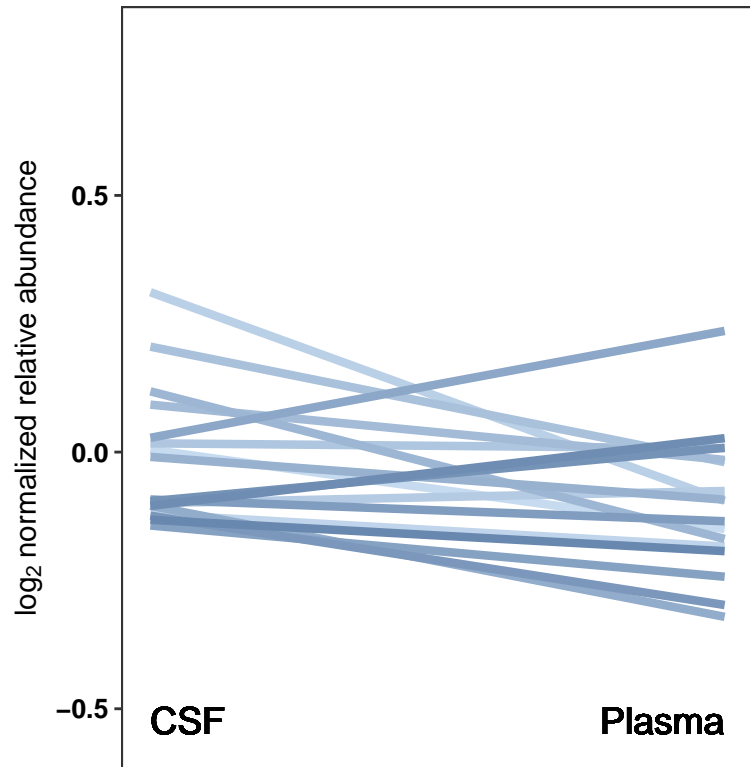
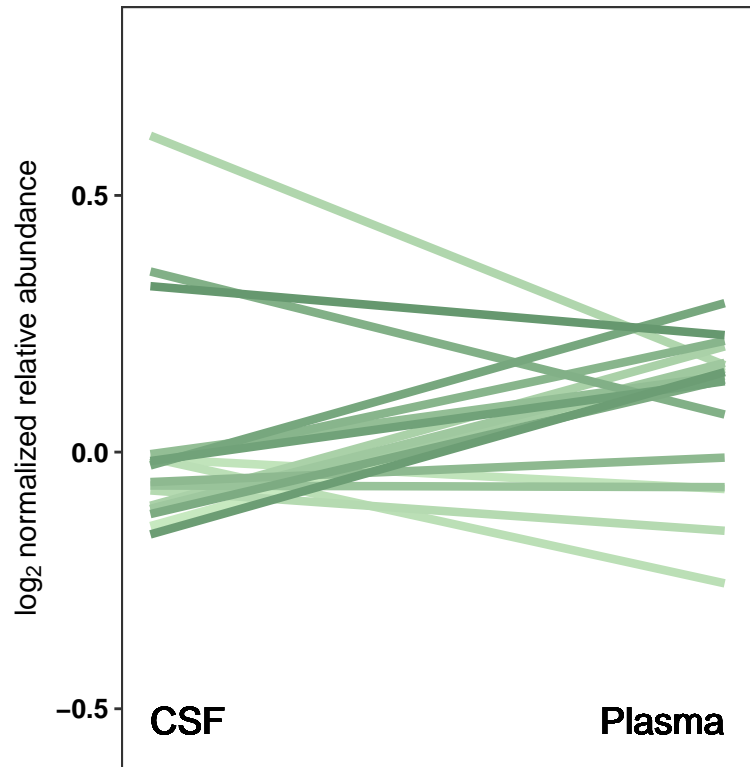


M25 orange: Ambiguous

slopeDiff(AD-CT): -0.167

Normal:

AD:

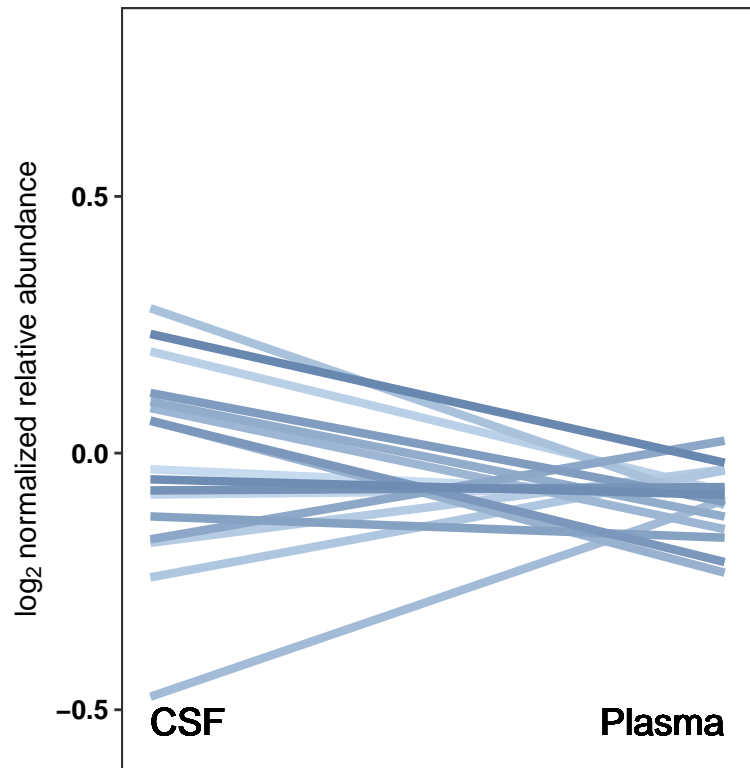
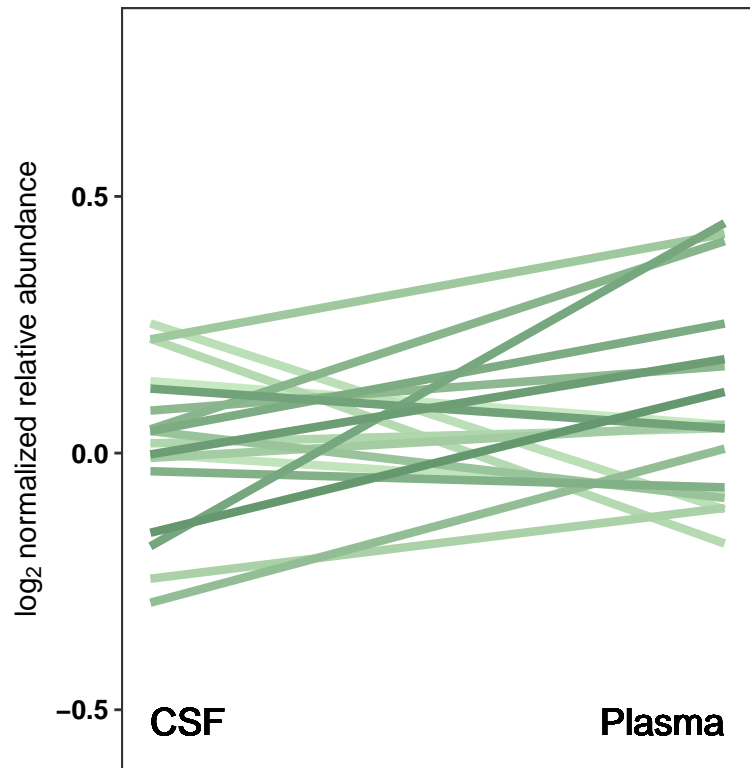


M12 tan: Neurexin/Neuronal Adhesion

slopeDiff(AD-CT): -0.152

Normal:

AD:

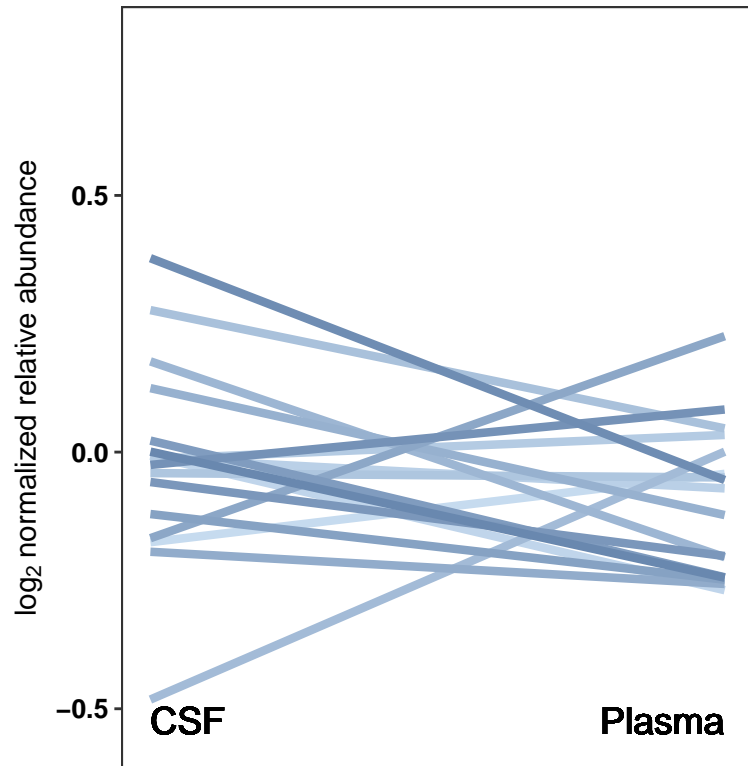
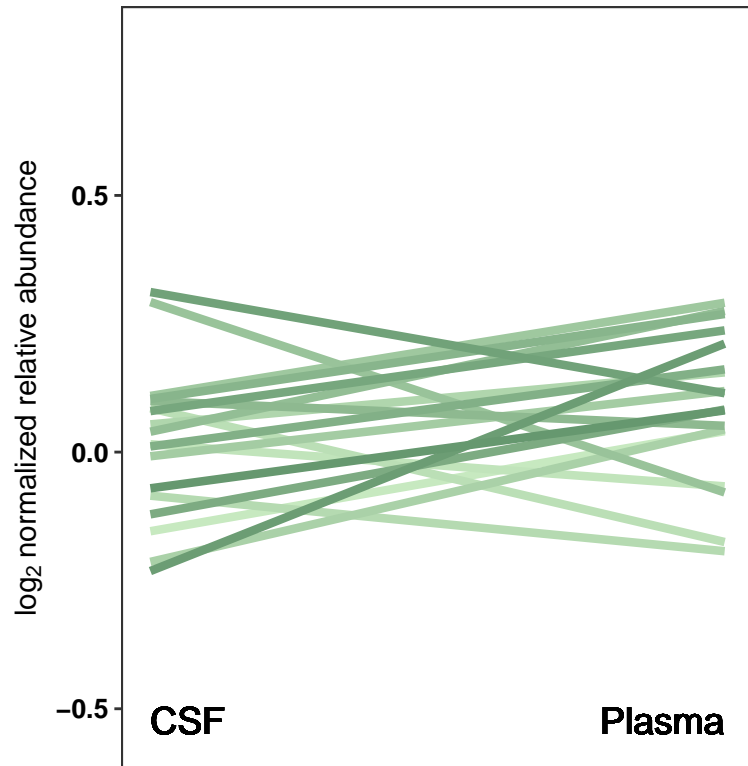


M4 yellow: Lysosome

slopeDiff(AD-CT): -0.149

Normal:

AD:

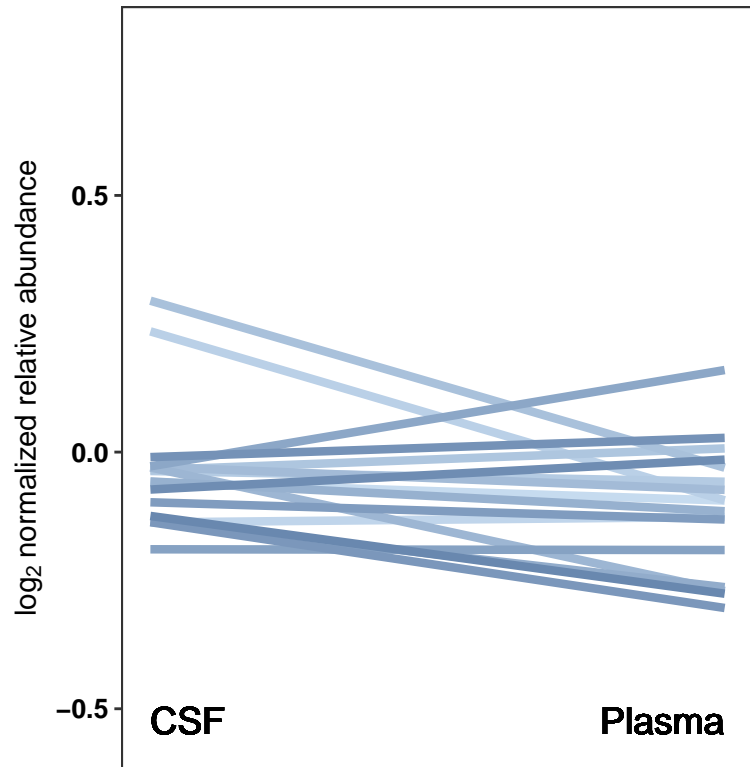
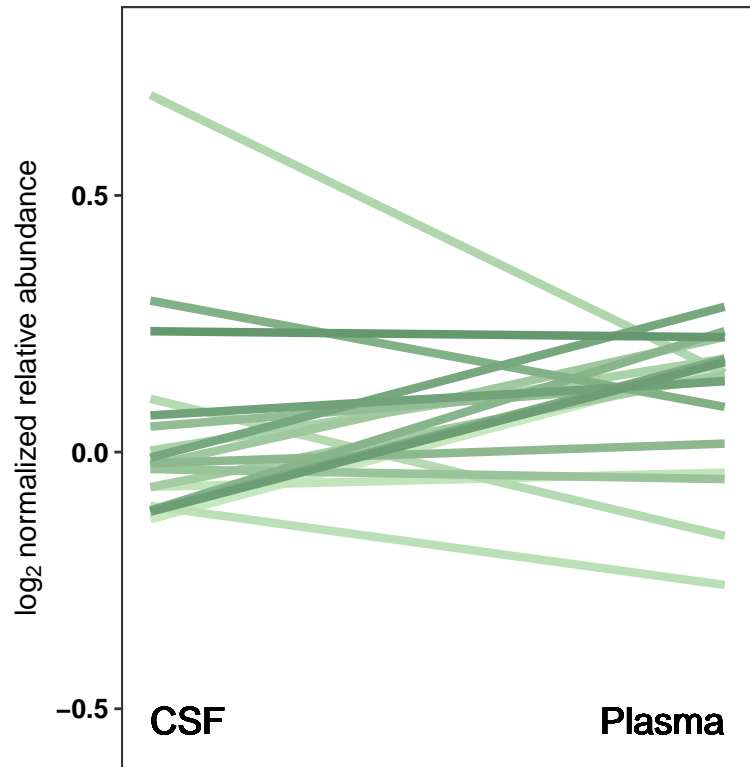


M37 skyblue3: RNA Binding/Metabolism

slopeDiff(AD-CT): -0.137

Normal:

AD:

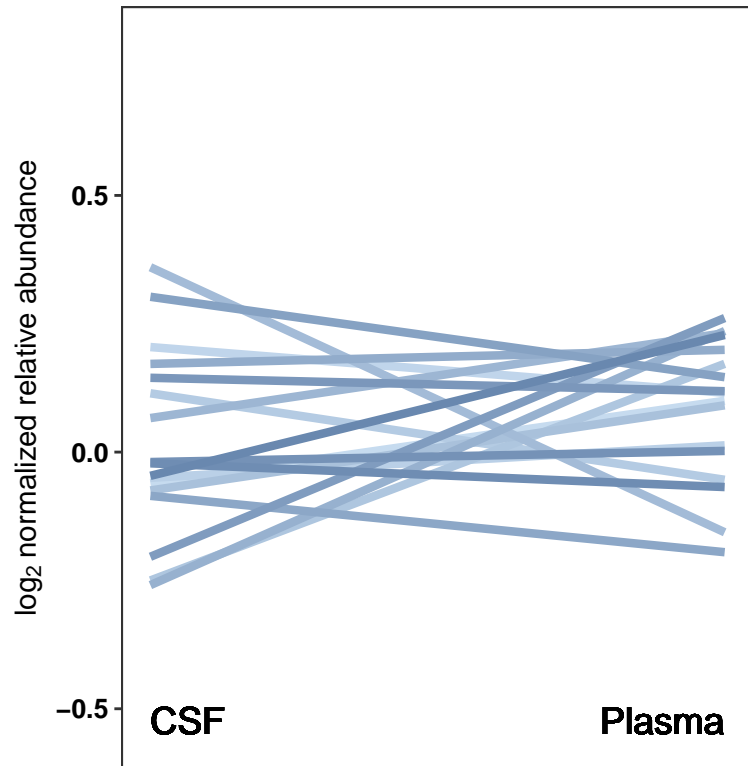
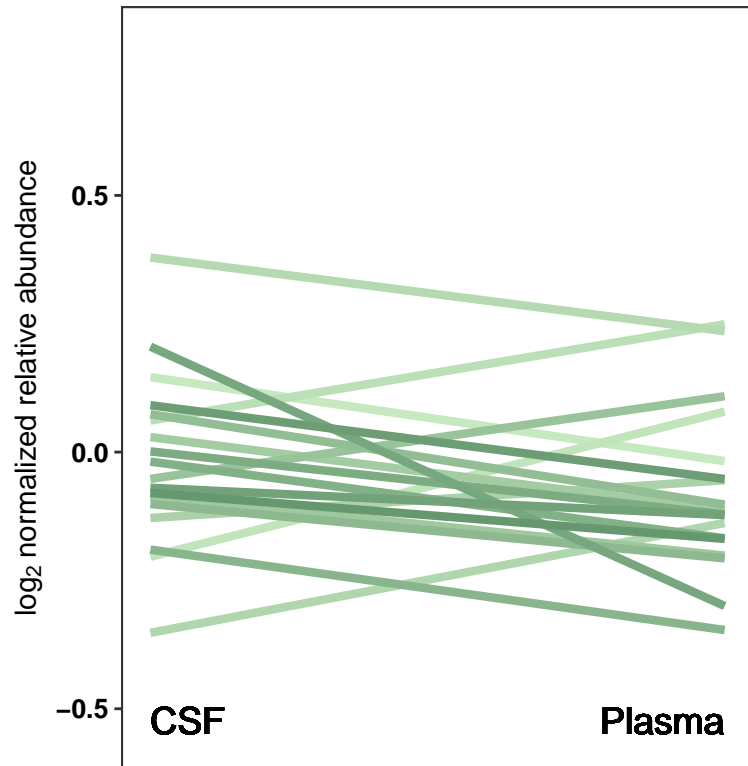


M21 darkred: Neuron Recognition

slopeDiff(AD-CT): 0.131

Normal:

AD:

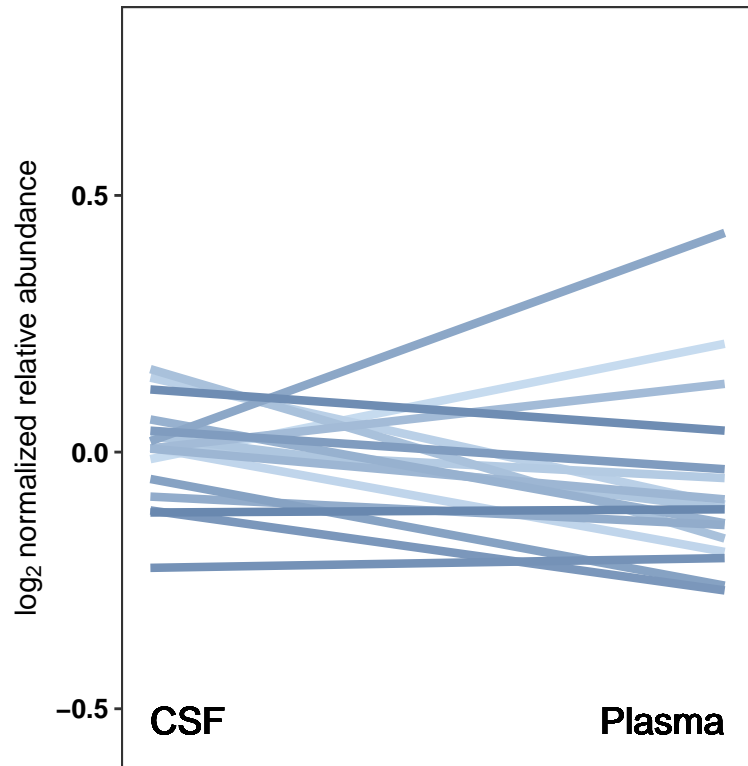
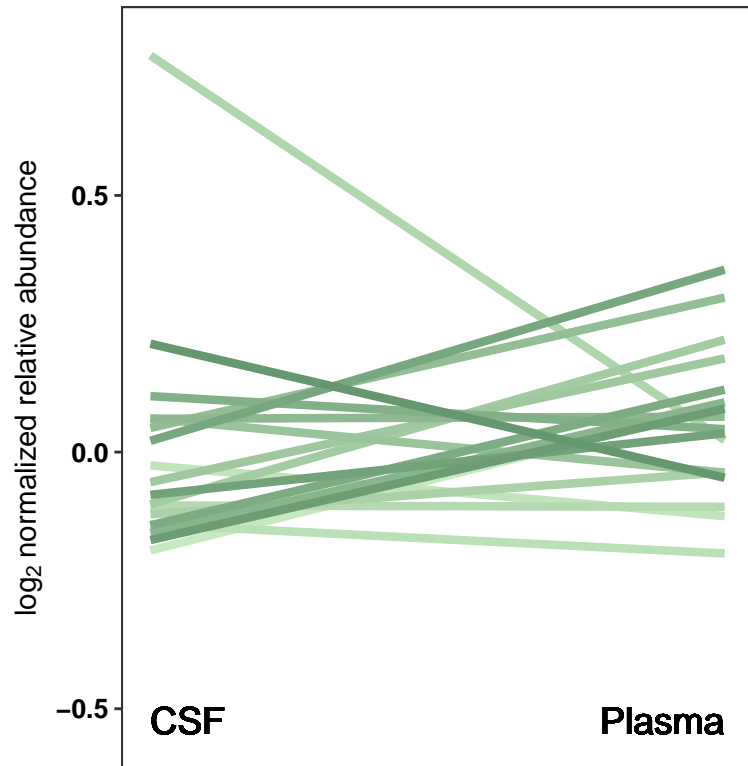


M28 skyblue: Proteasome

slopeDiff(AD-CT): -0.123

Normal:

AD:

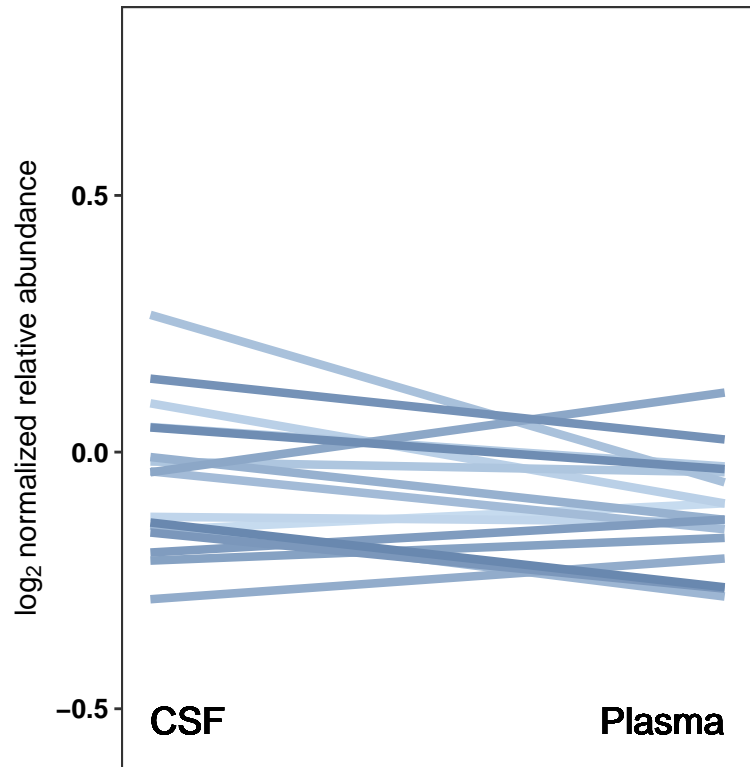
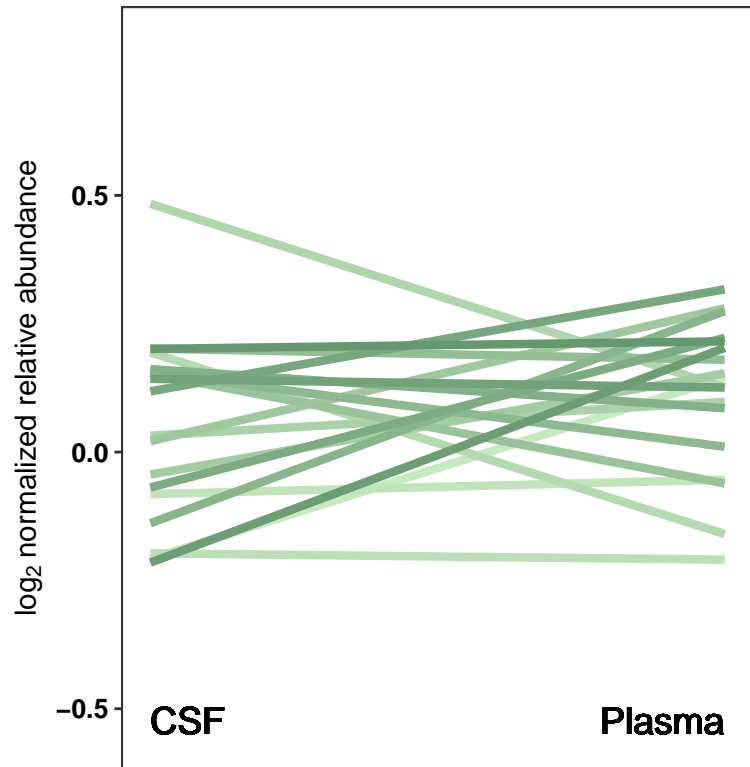


M9 magenta: Ambiguous

slopeDiff(AD-CT): -0.119

Normal:

AD:

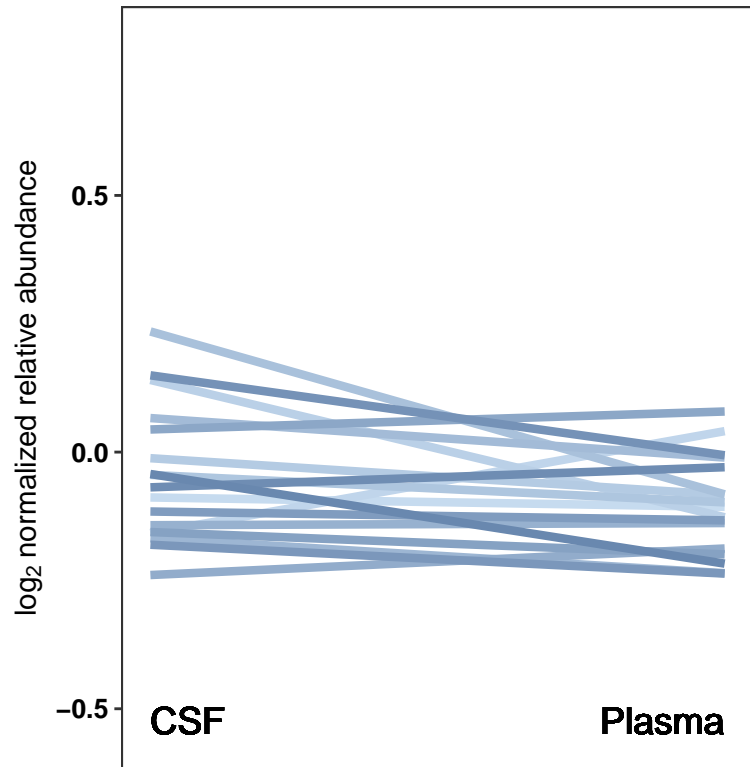
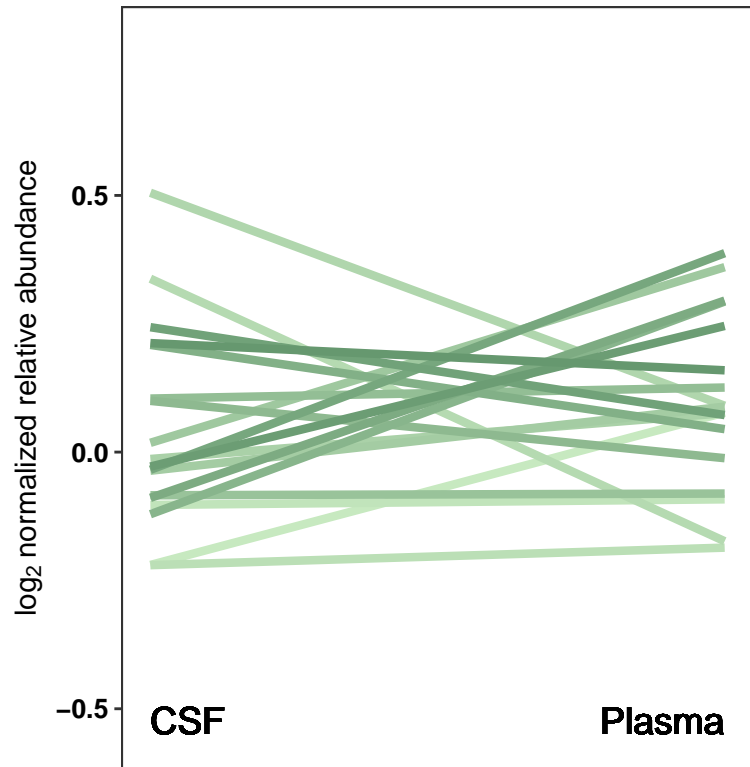


M30 steelblue: Ribonucleoprotein Complex

slopeDiff(AD-CT): -0.113

Normal:

AD:

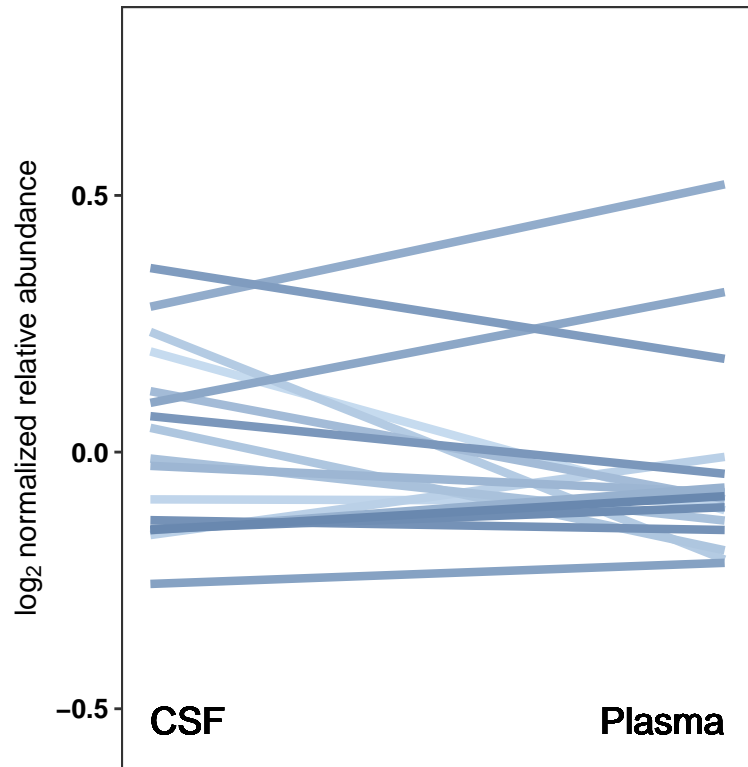
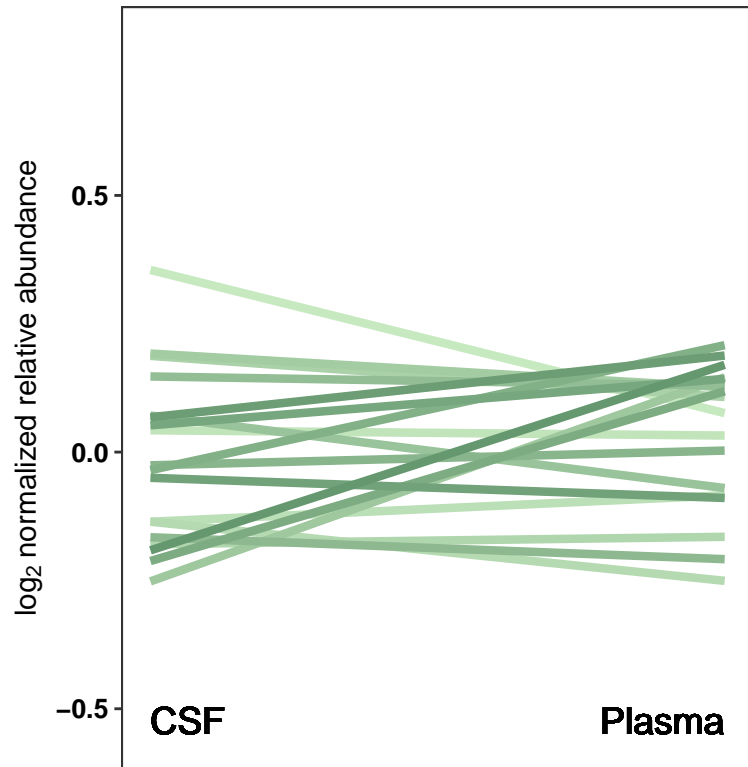


M22 darkgreen: ECM/Actin Binding

slopeDiff(AD-CT): -0.0969

Normal:

AD:

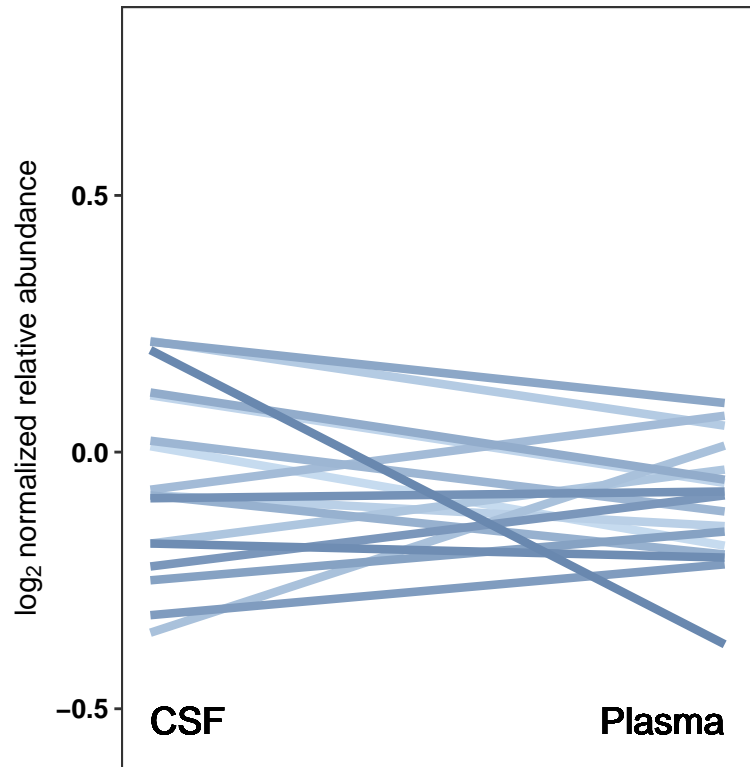
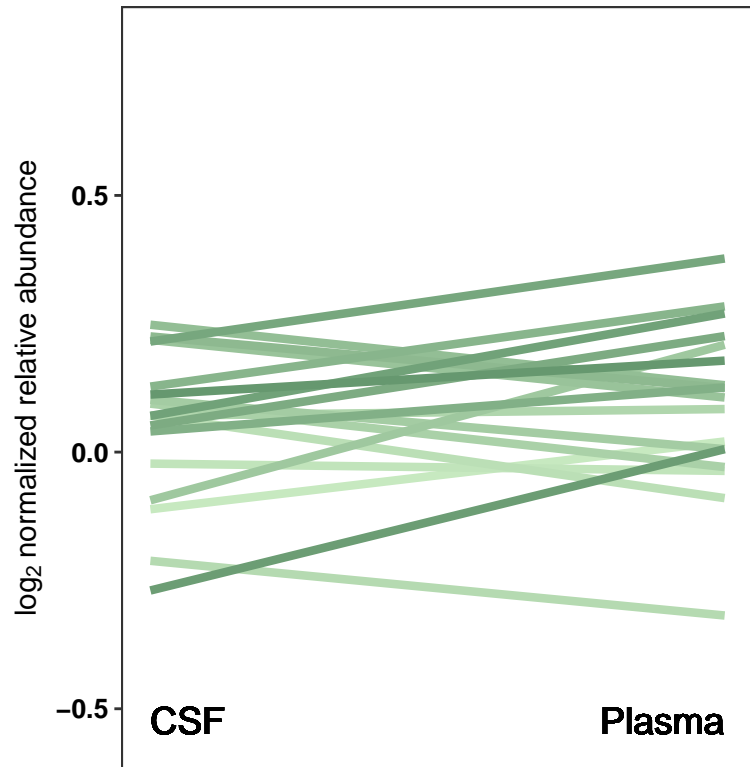


M20 royalblue: Ambiguous

slopeDiff(AD-CT): -0.084

Normal:

AD:

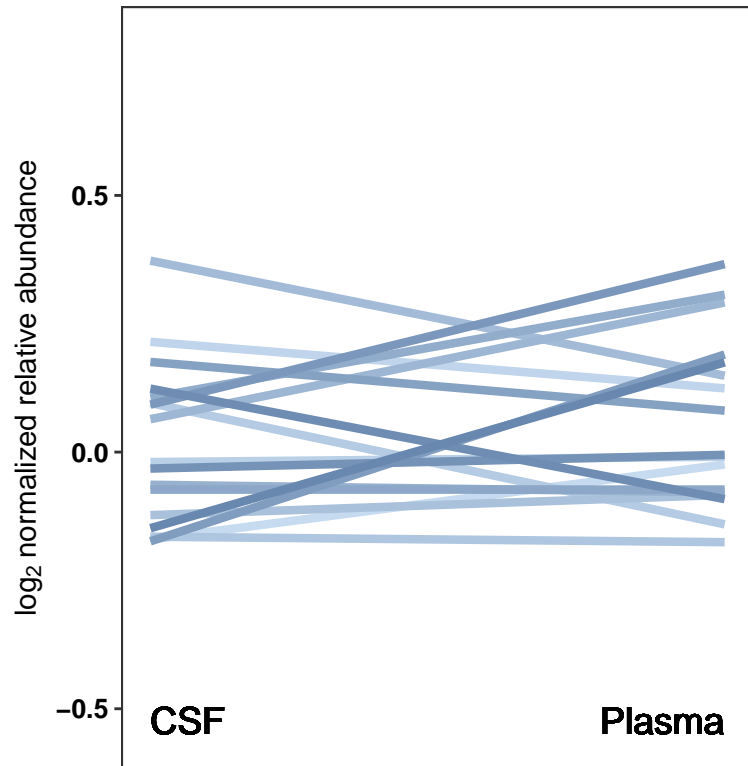
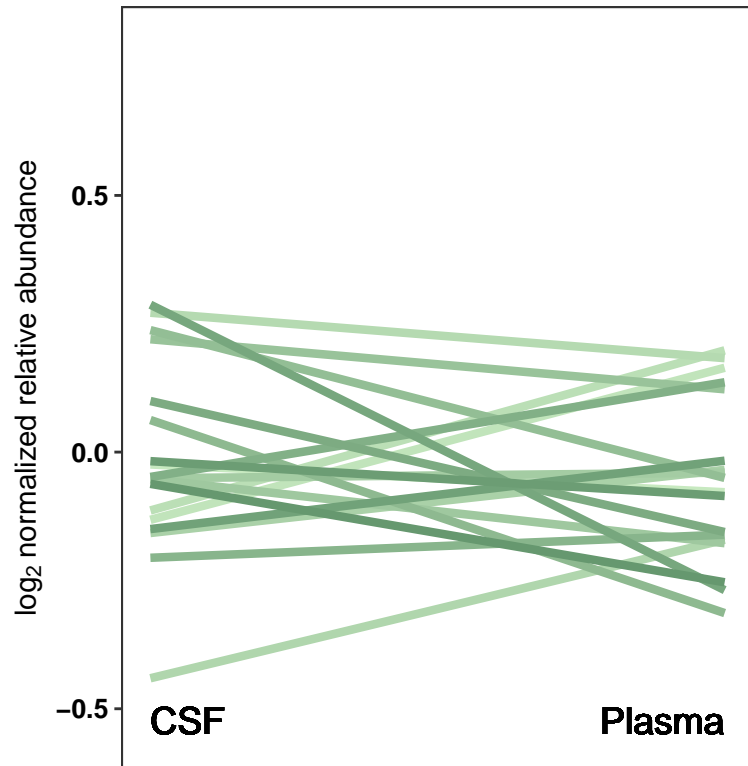


M17 grey60: Ambiguous

slopeDiff(AD-CT): 0.0829

Normal:

AD:

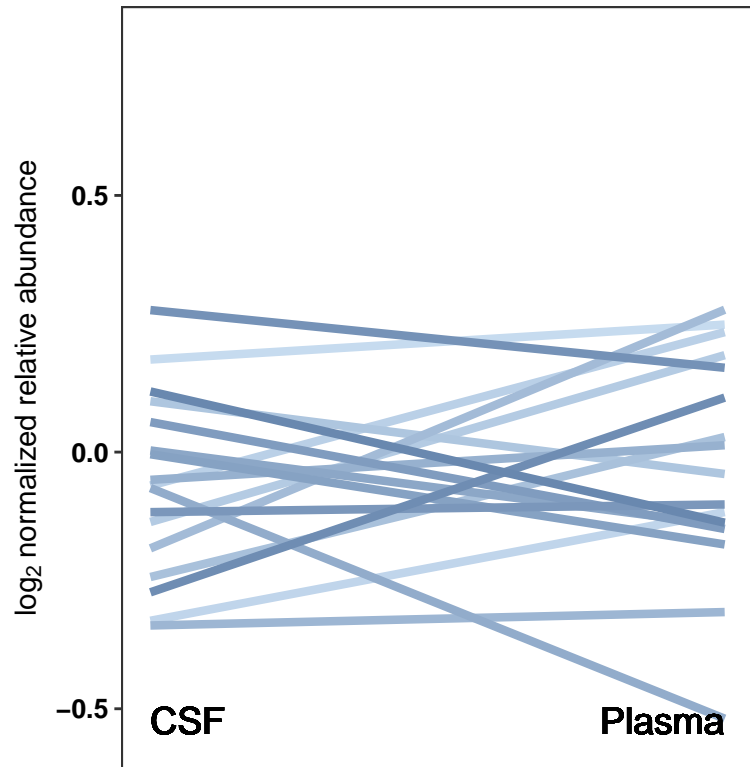
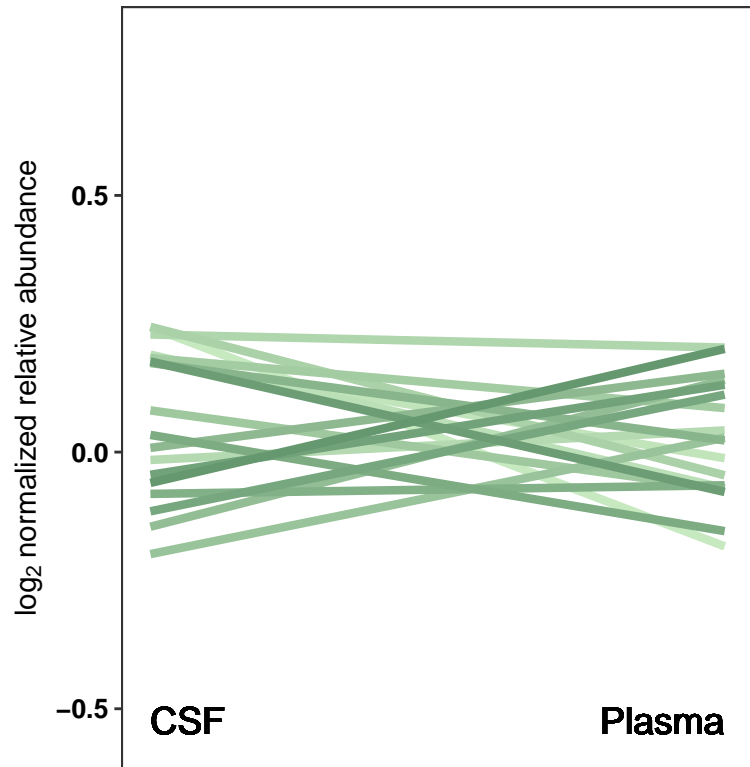


M10 purple: Ossification/Bone Development

slopeDiff(AD-CT): 0.0733

Normal:

AD:

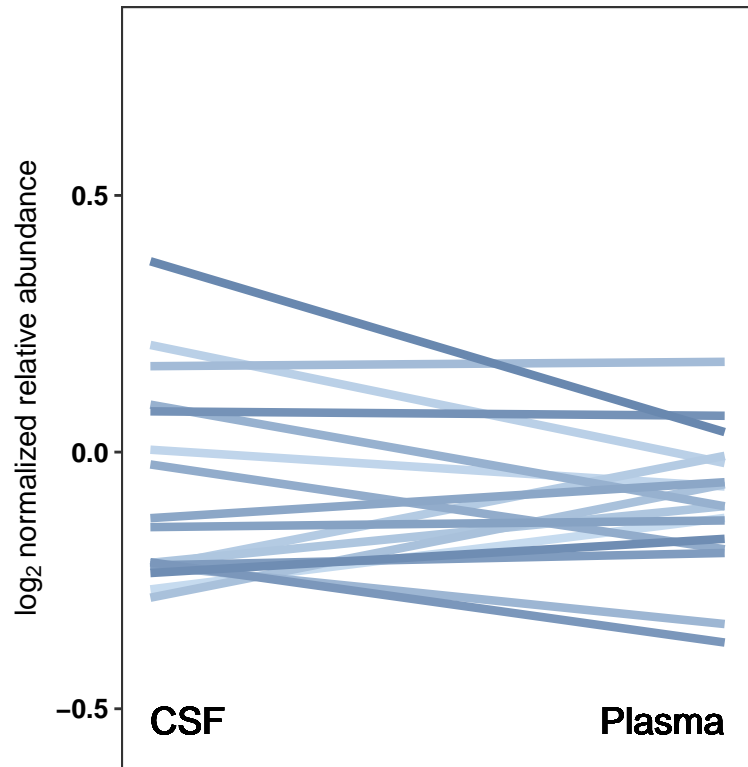
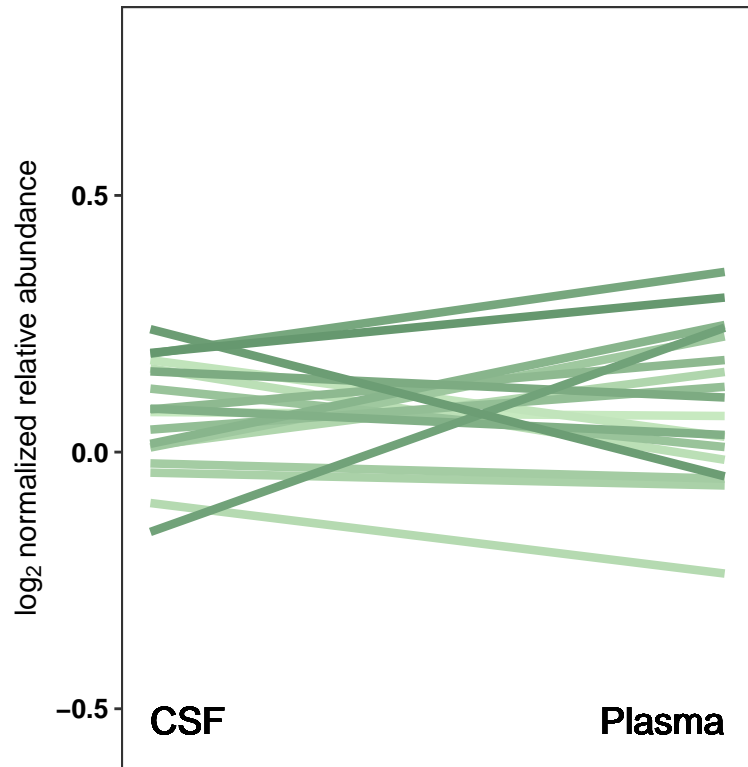


M23 darkturquoise: Nucleic Acid/Steroid Metabolism

slopeDiff(AD-CT): -0.0465

Normal:

AD:

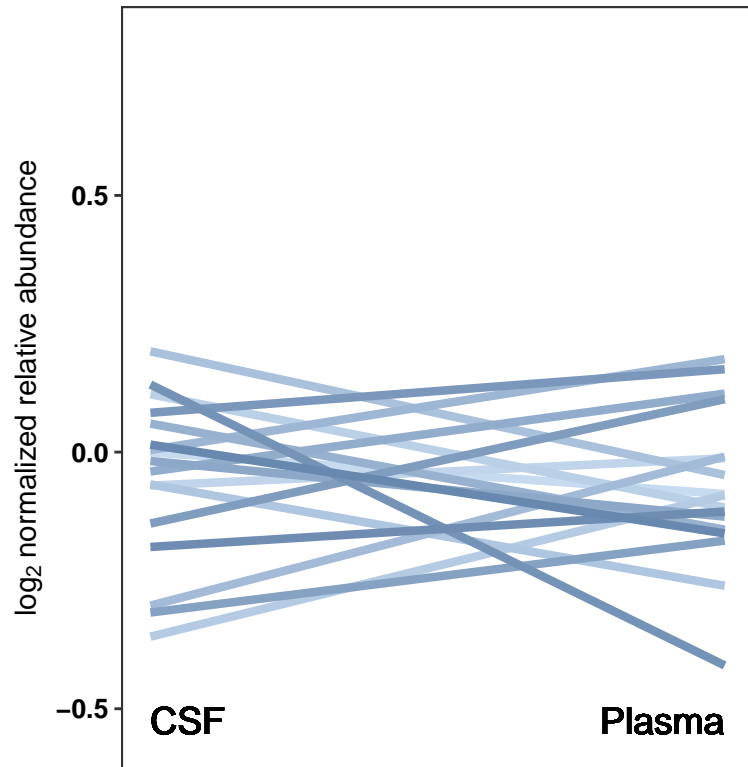
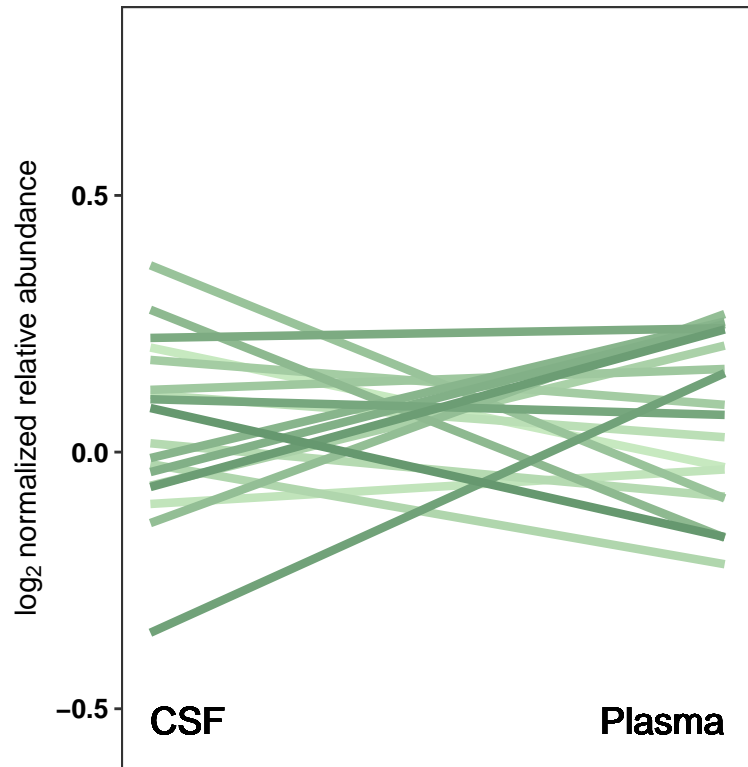


M19 lightyellow: Synapse Organization

slopeDiff(AD-CT): -0.0333

Normal:

AD:

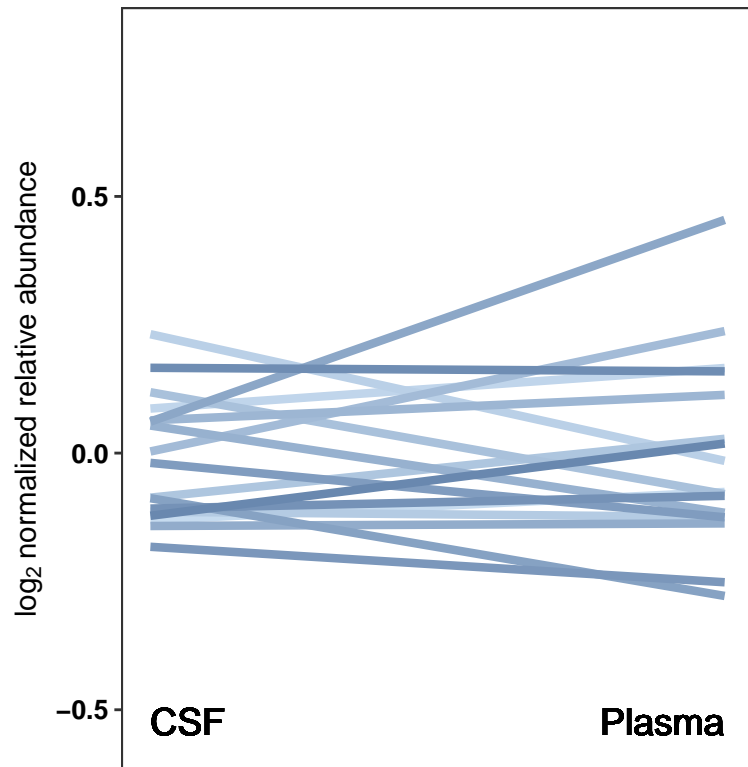
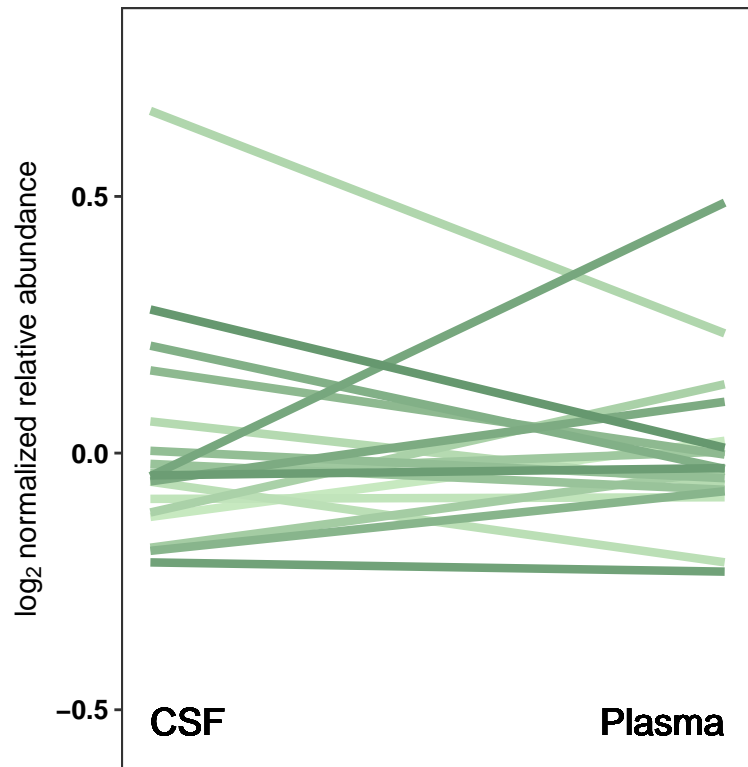


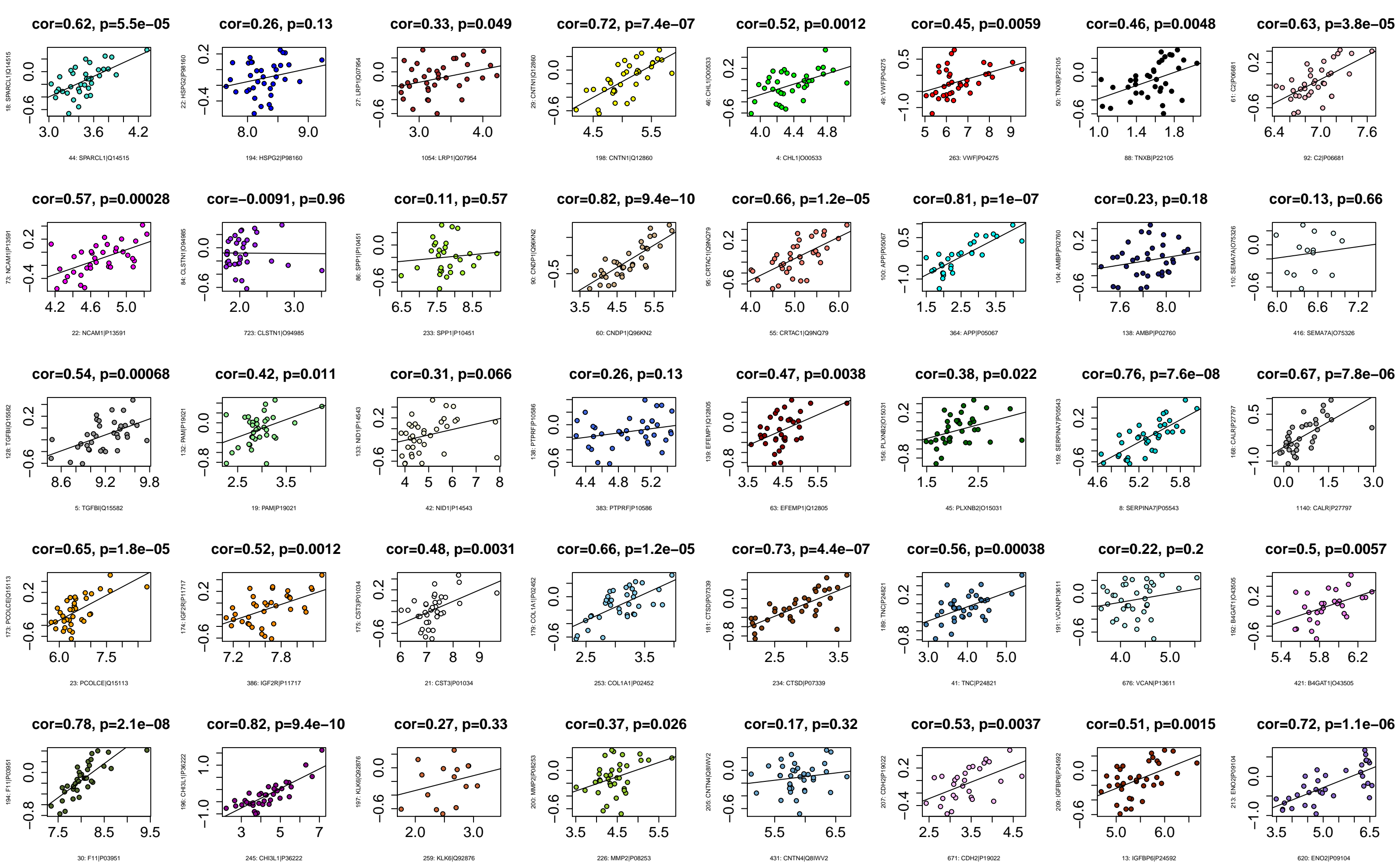
M34 darkmagenta: Cofactor Biosynthesis

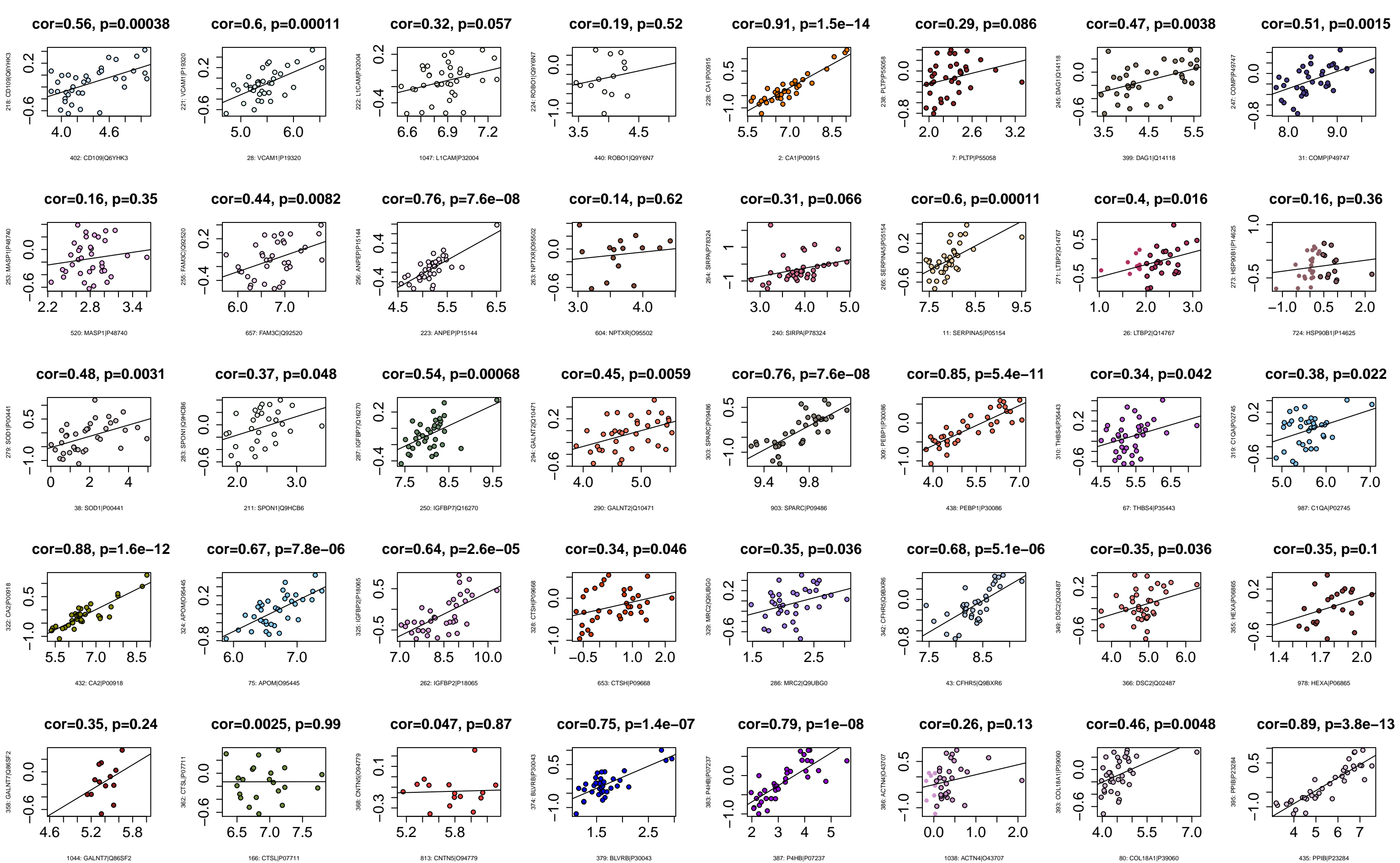
slopeDiff(AD-CT): 0.0113

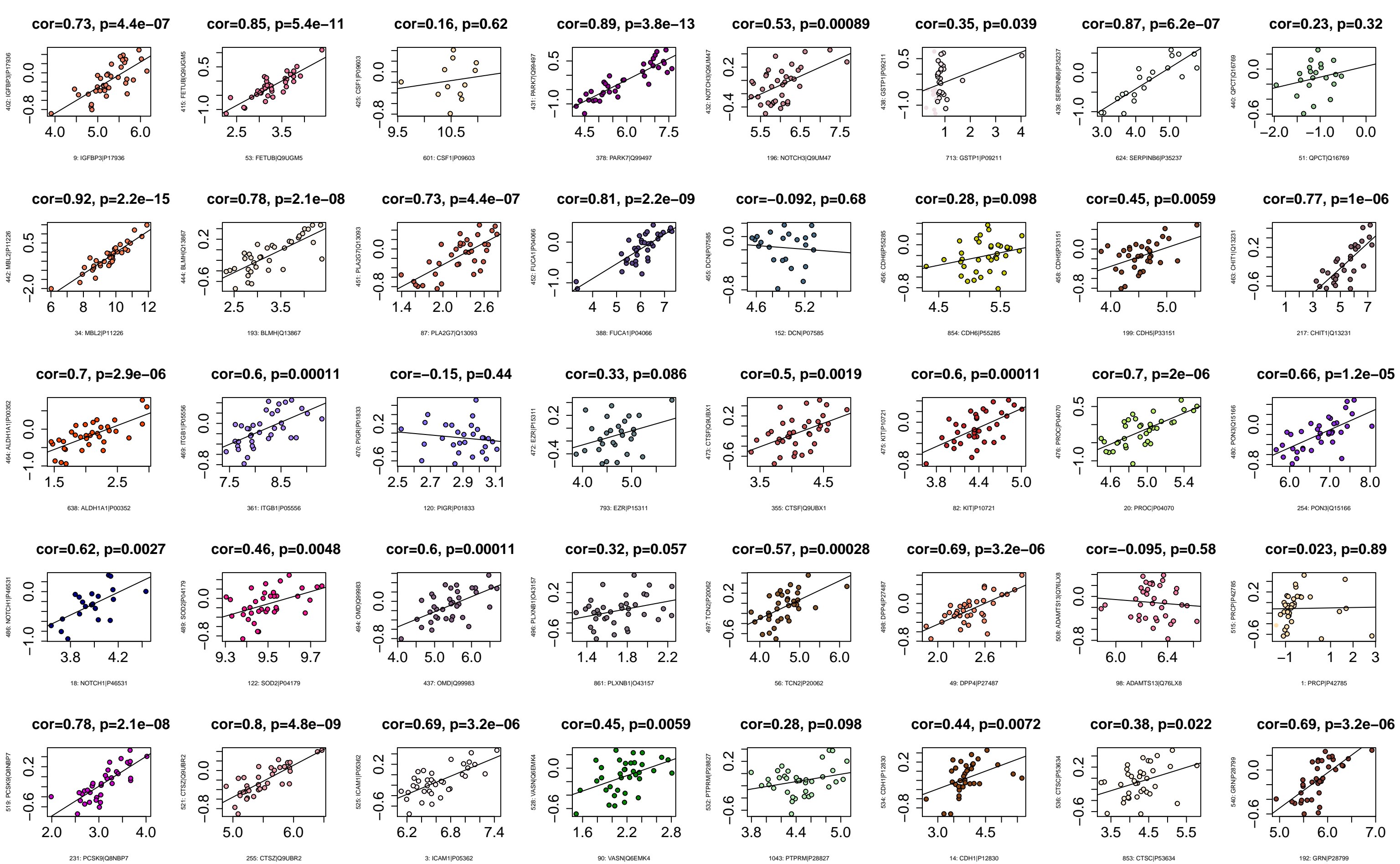
Normal:

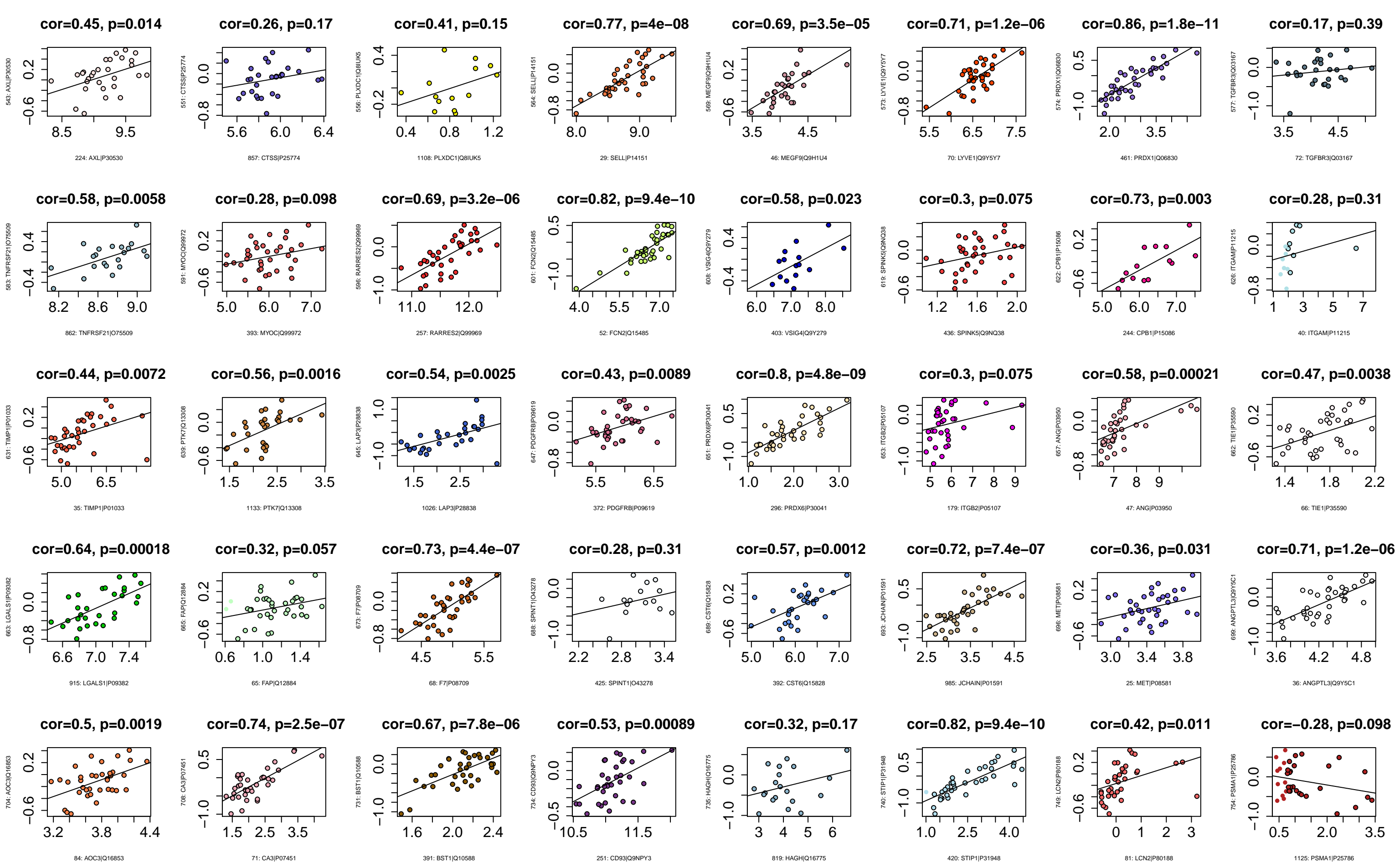
AD:

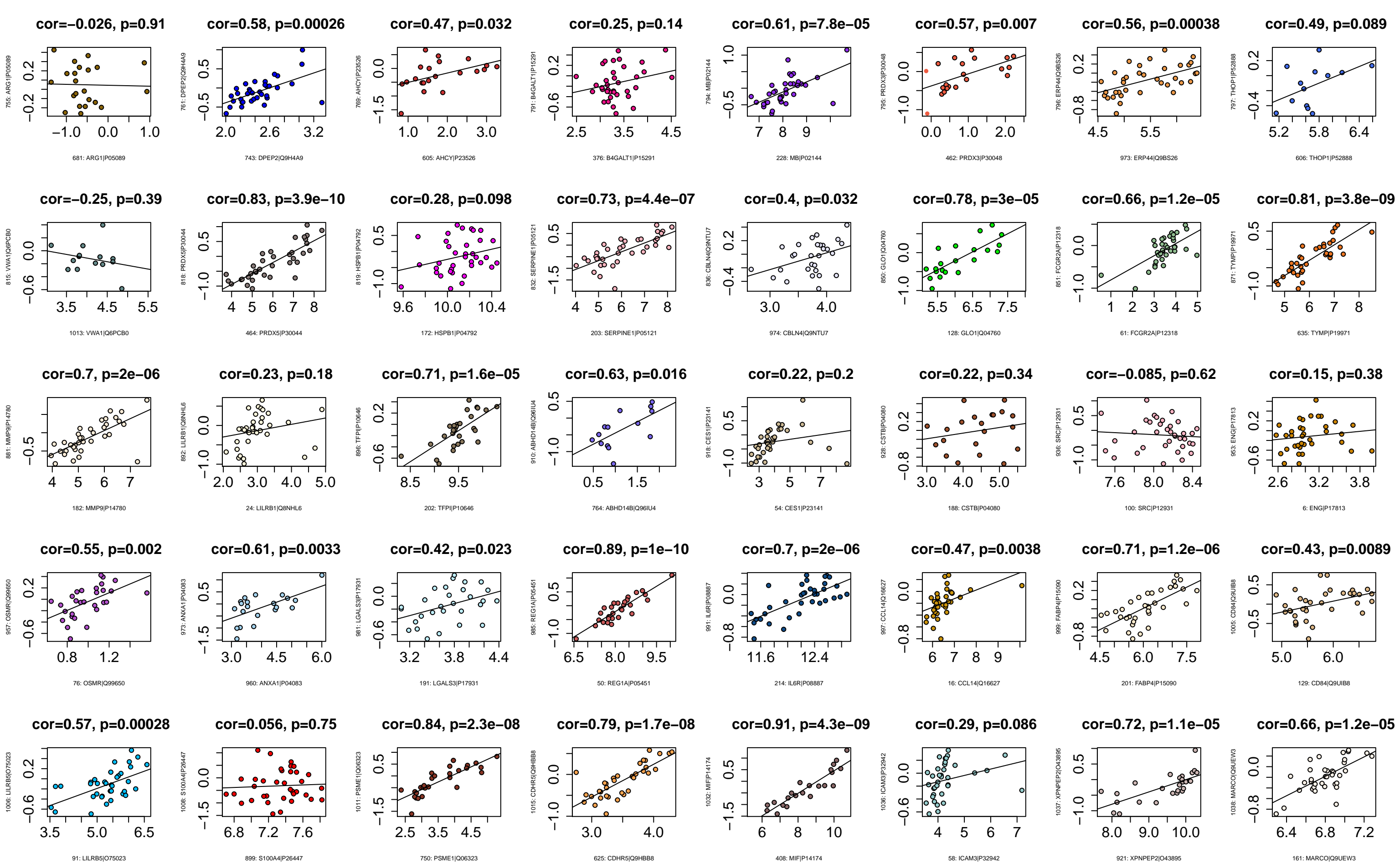


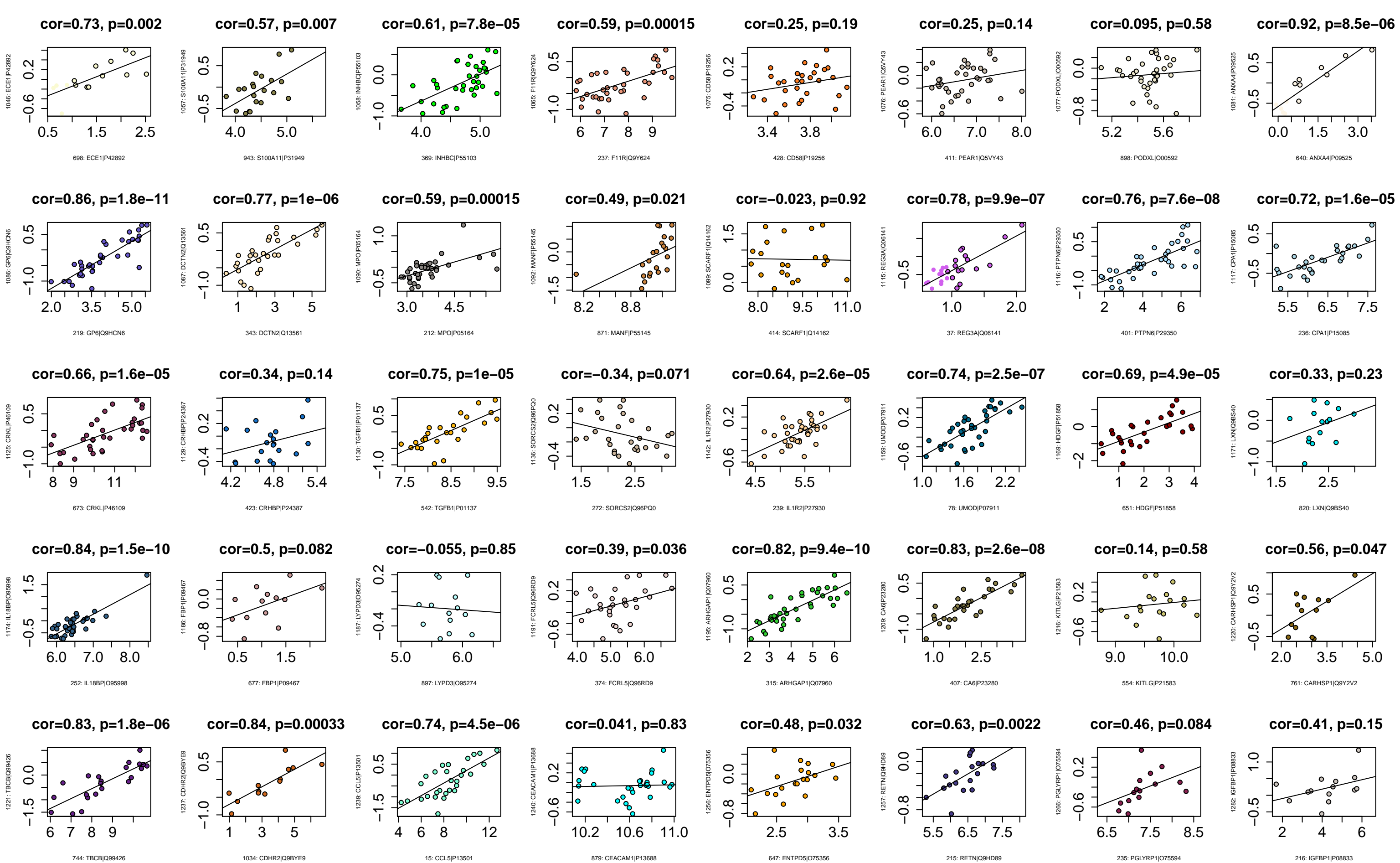




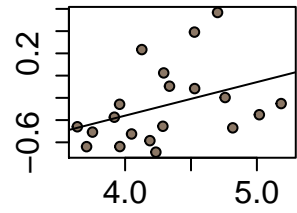






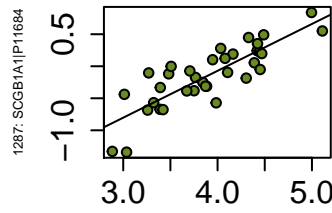


cor=0.38, p=0.098



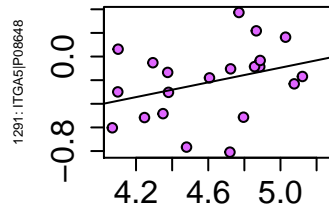
429: SCGB3A1|Q96QR1

cor=0.84, p=2.8e-10



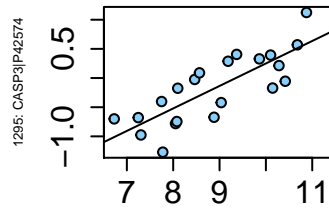
720: SCGB1A1|P11684

cor=0.34, p=0.13



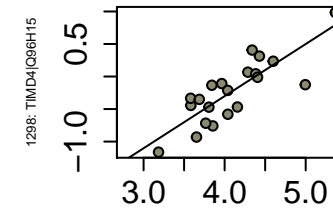
410: ITGA5|P08648

cor=0.8, p=1.3e-05



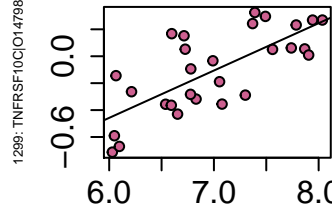
242: CASP3|P42574

cor=0.83, p=3.2e-06



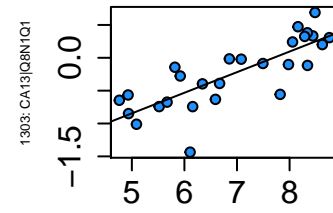
64: TIMD4|Q96H15

cor=0.73, p=1e-05



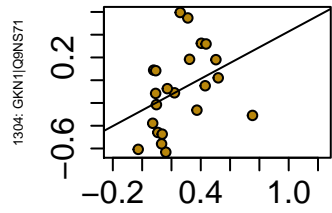
206: TNFRSF10C|Q14798

cor=0.8, p=5.5e-07



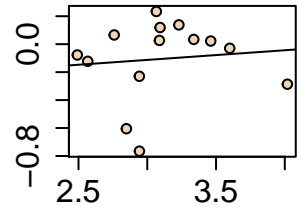
628: CA13|Q8N1Q1

cor=0.37, p=0.09



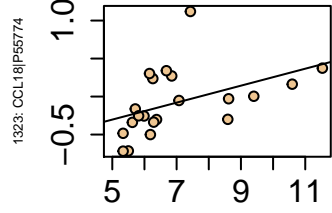
295: GKN1|Q9NS71

cor=0.1, p=0.73



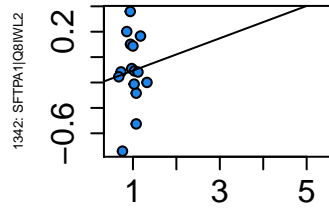
634: ADGRG2|Q8IZP9

cor=0.45, p=0.041



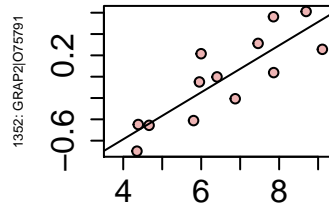
79: CCL18|P55774

cor=0.079, p=0.78



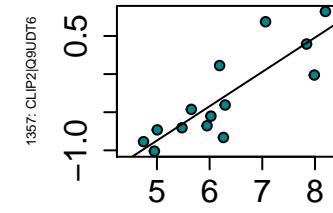
1018: SFTPA1|Q8IWL2

cor=0.85, p=0.00023

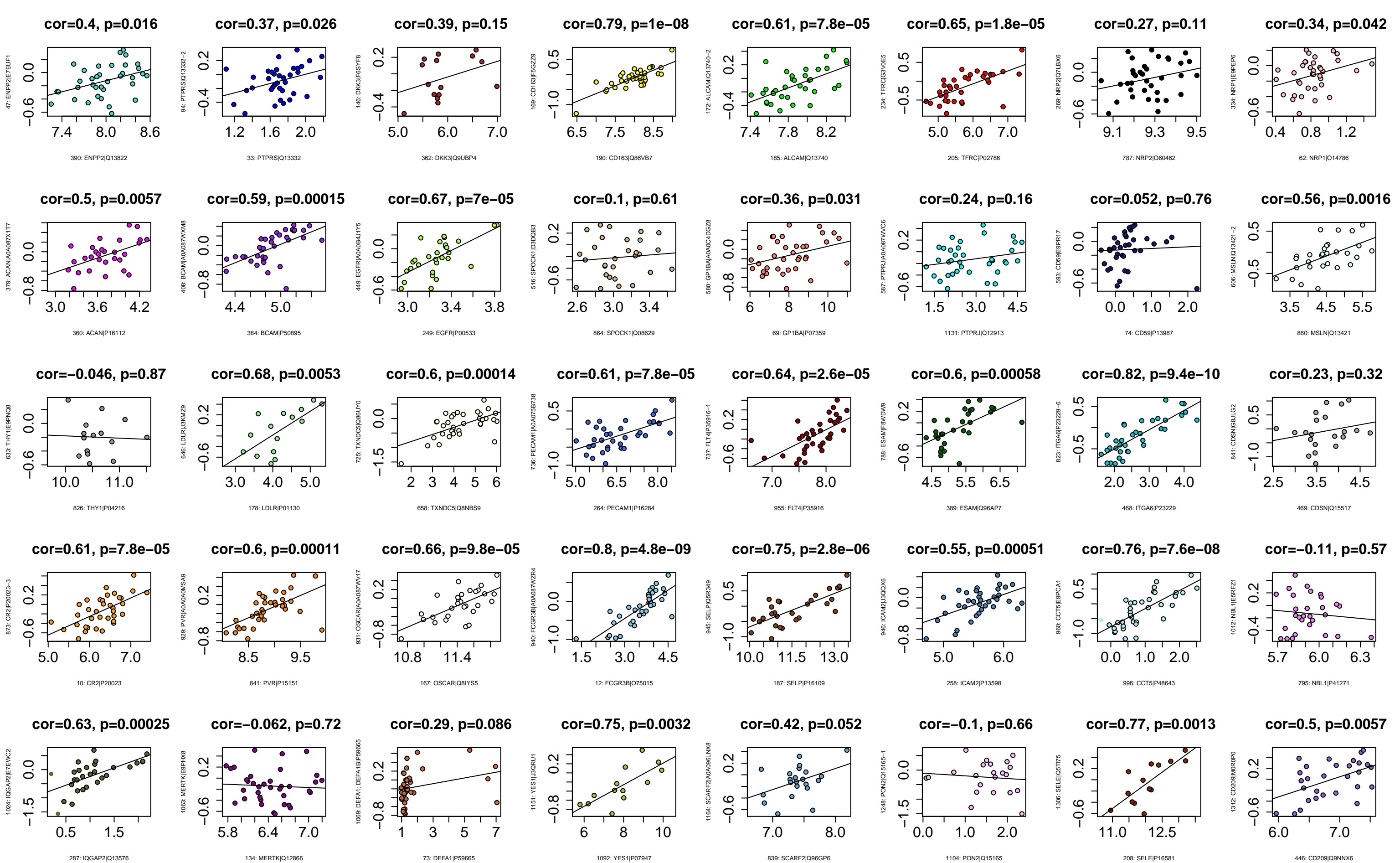


636: GRAP2|Q75791

cor=0.85, p=0.00012

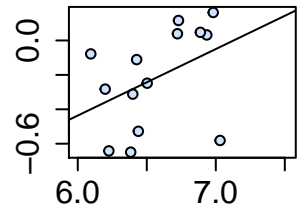


1022: CLIP2|Q9UDT6



1341: IL1R1|B9A040

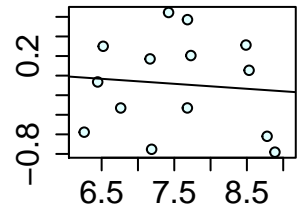
cor=0.41, p=0.15



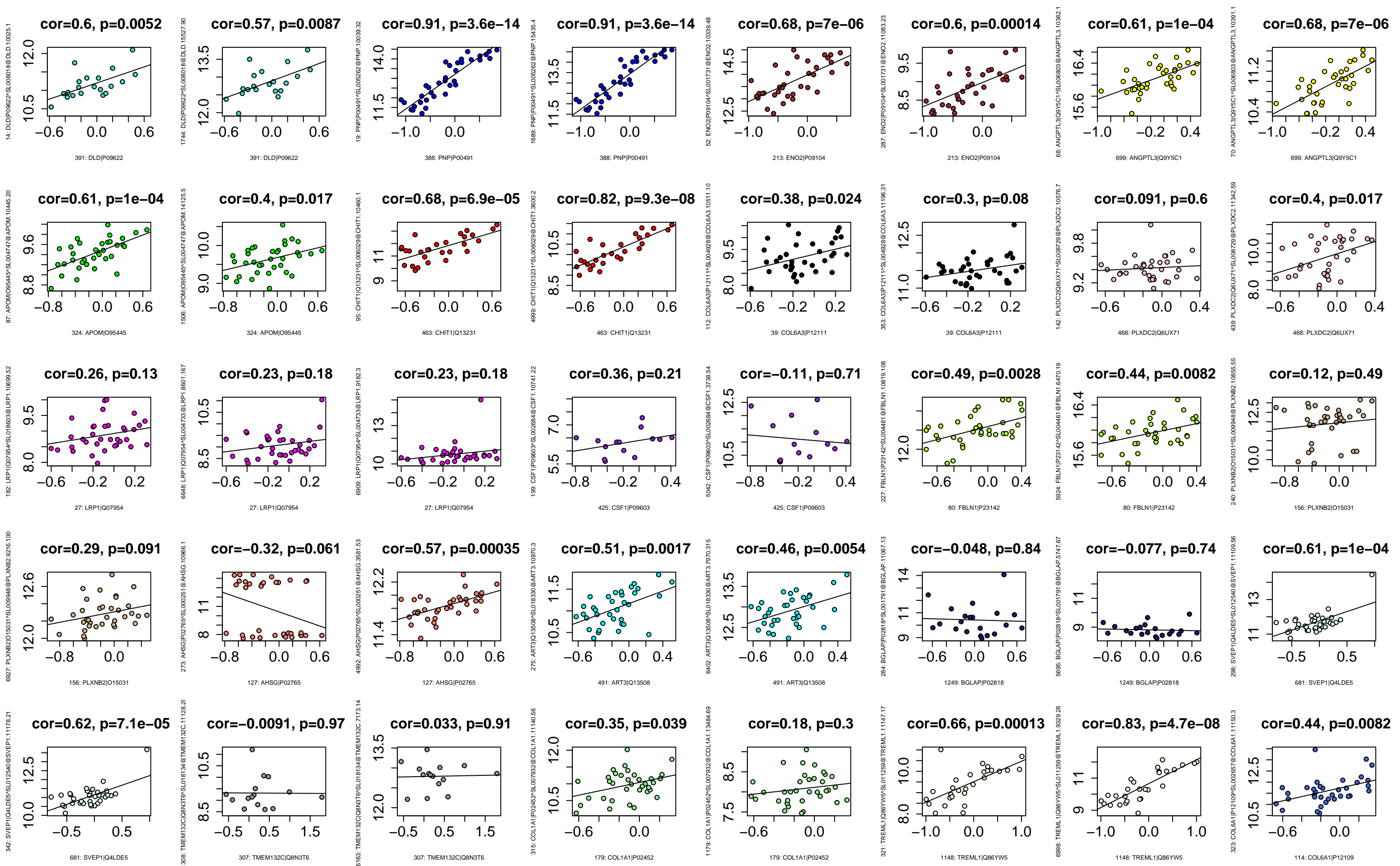
225: IL1R1|P14778

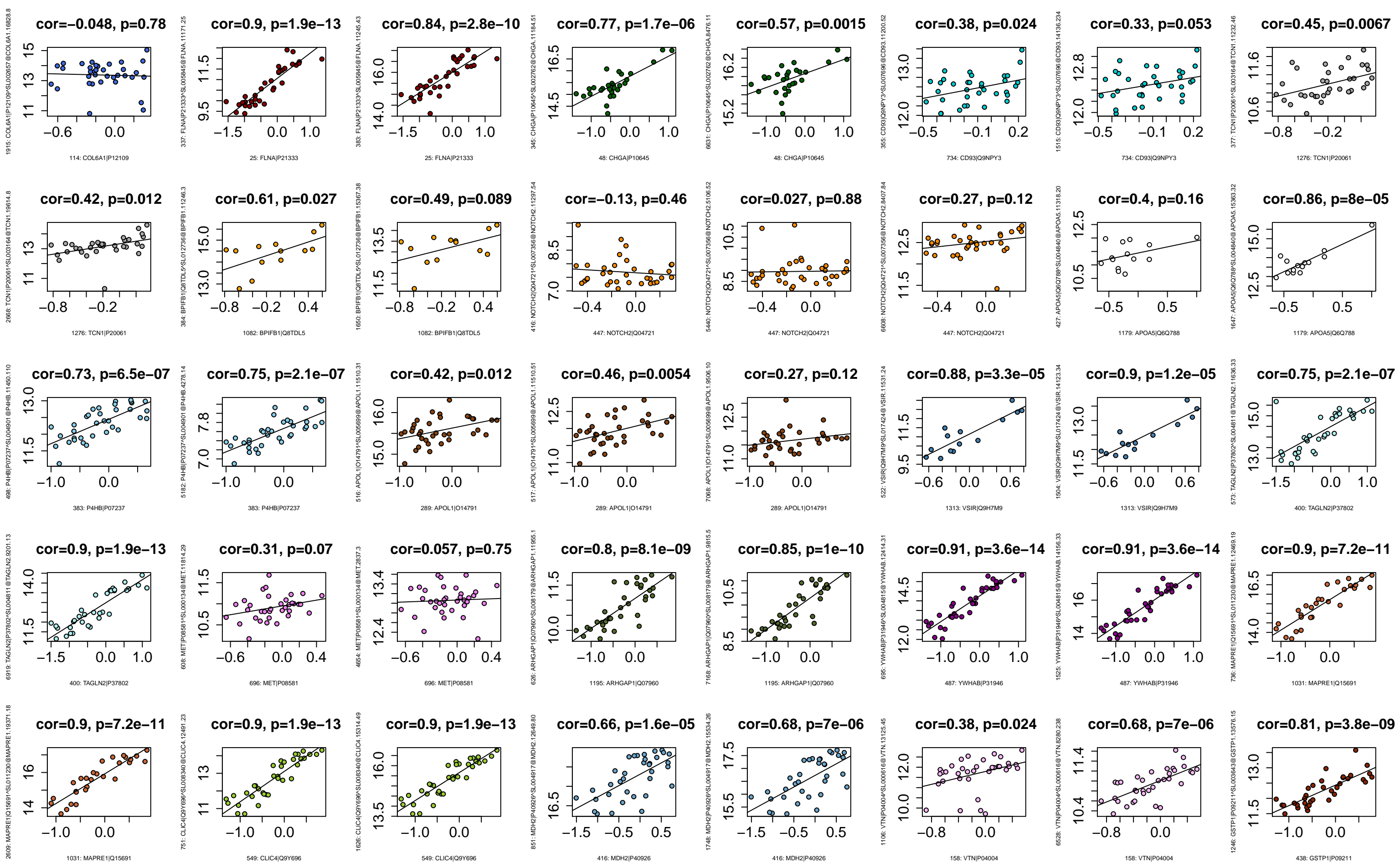
1351: METAP2|F8VSC4

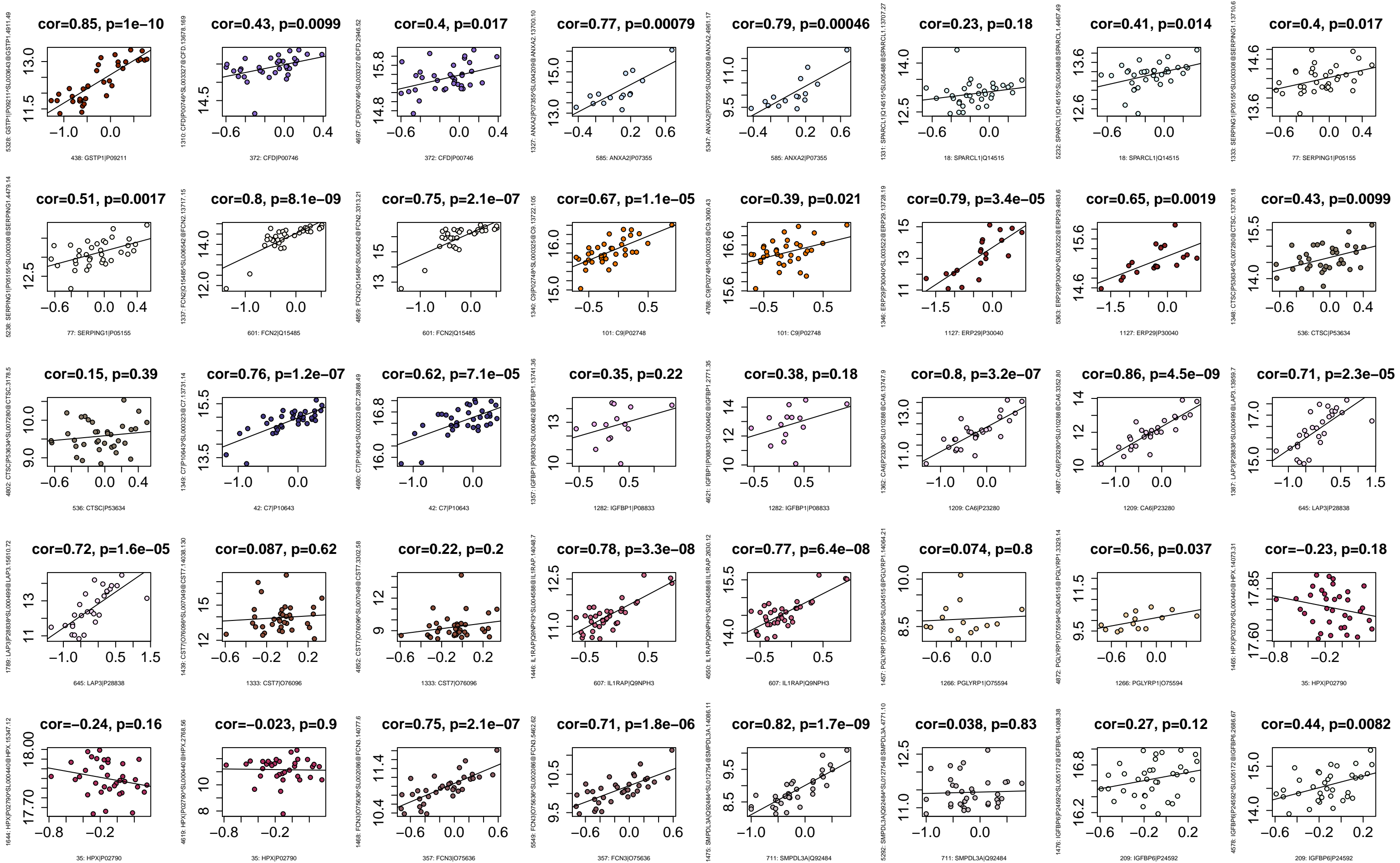
cor=-0.093, p=0.75

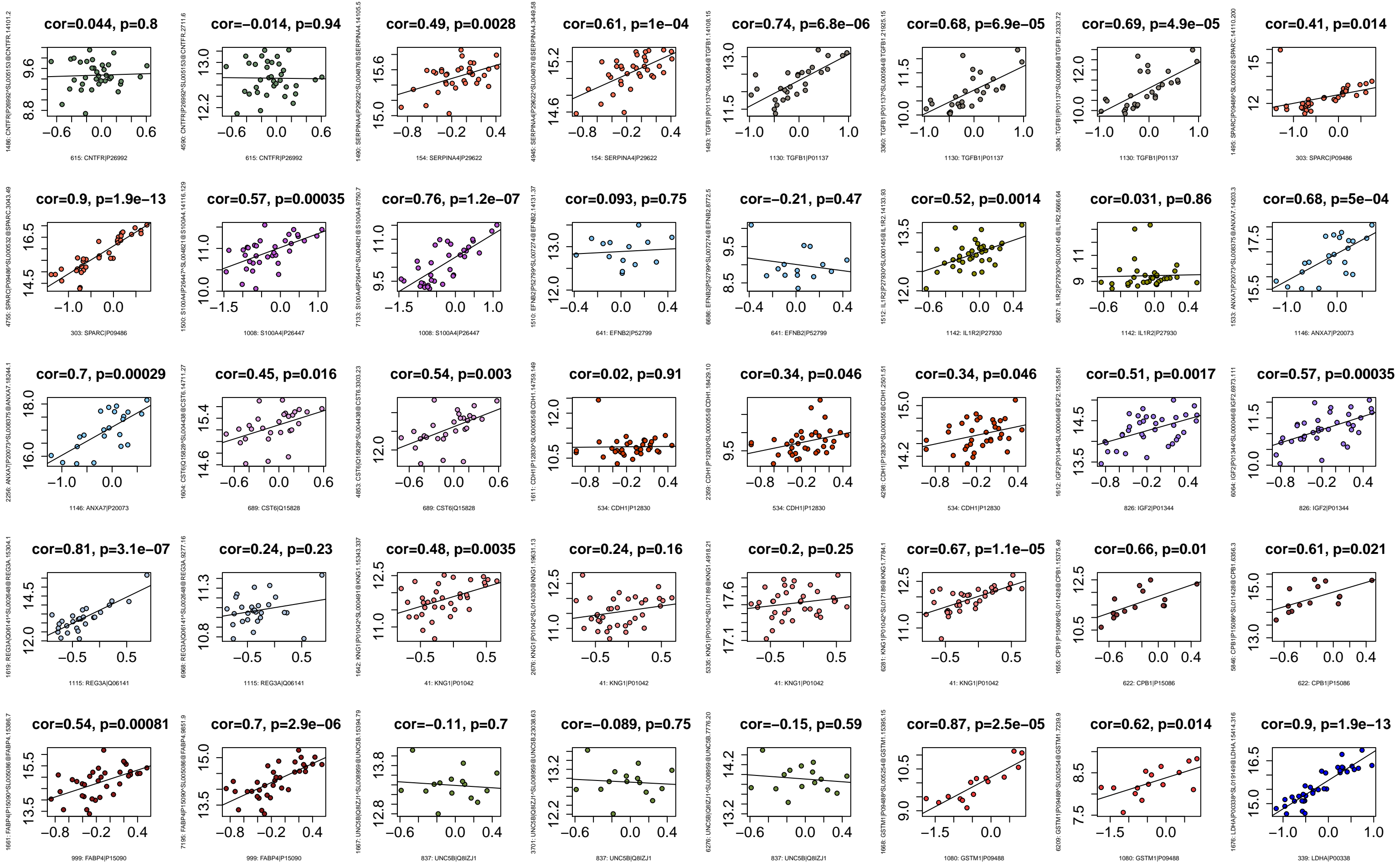


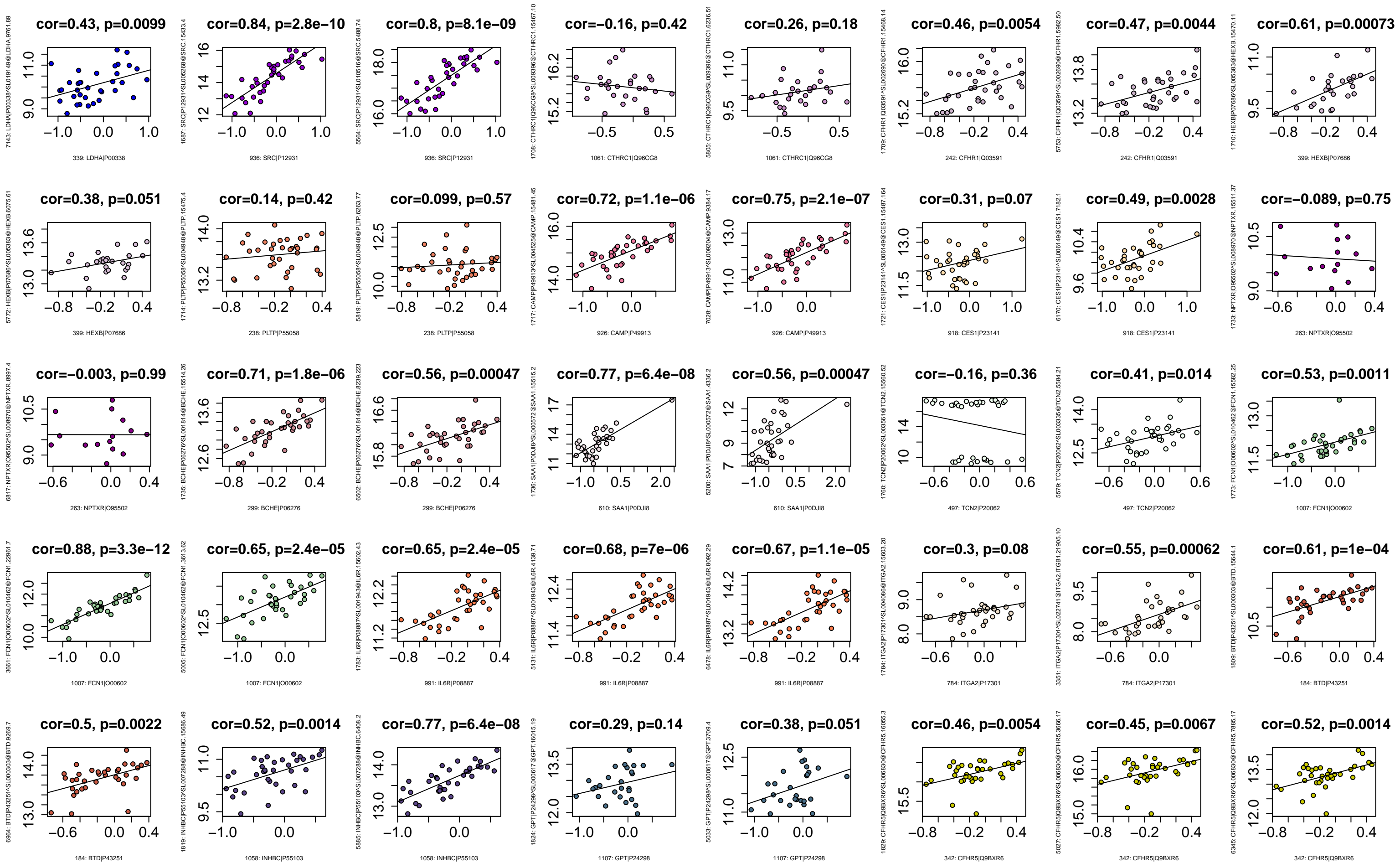
910: METAP2|P50579

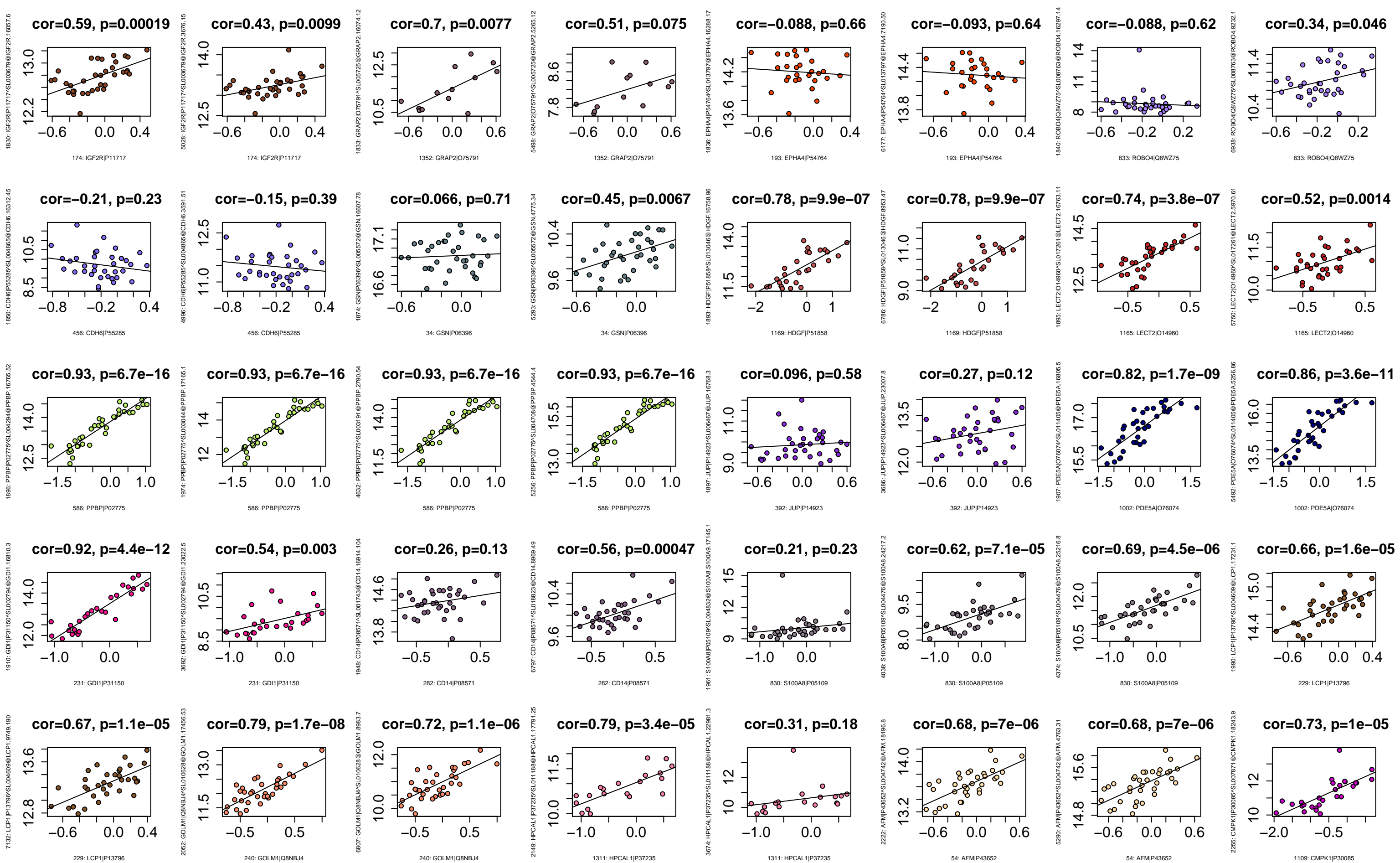


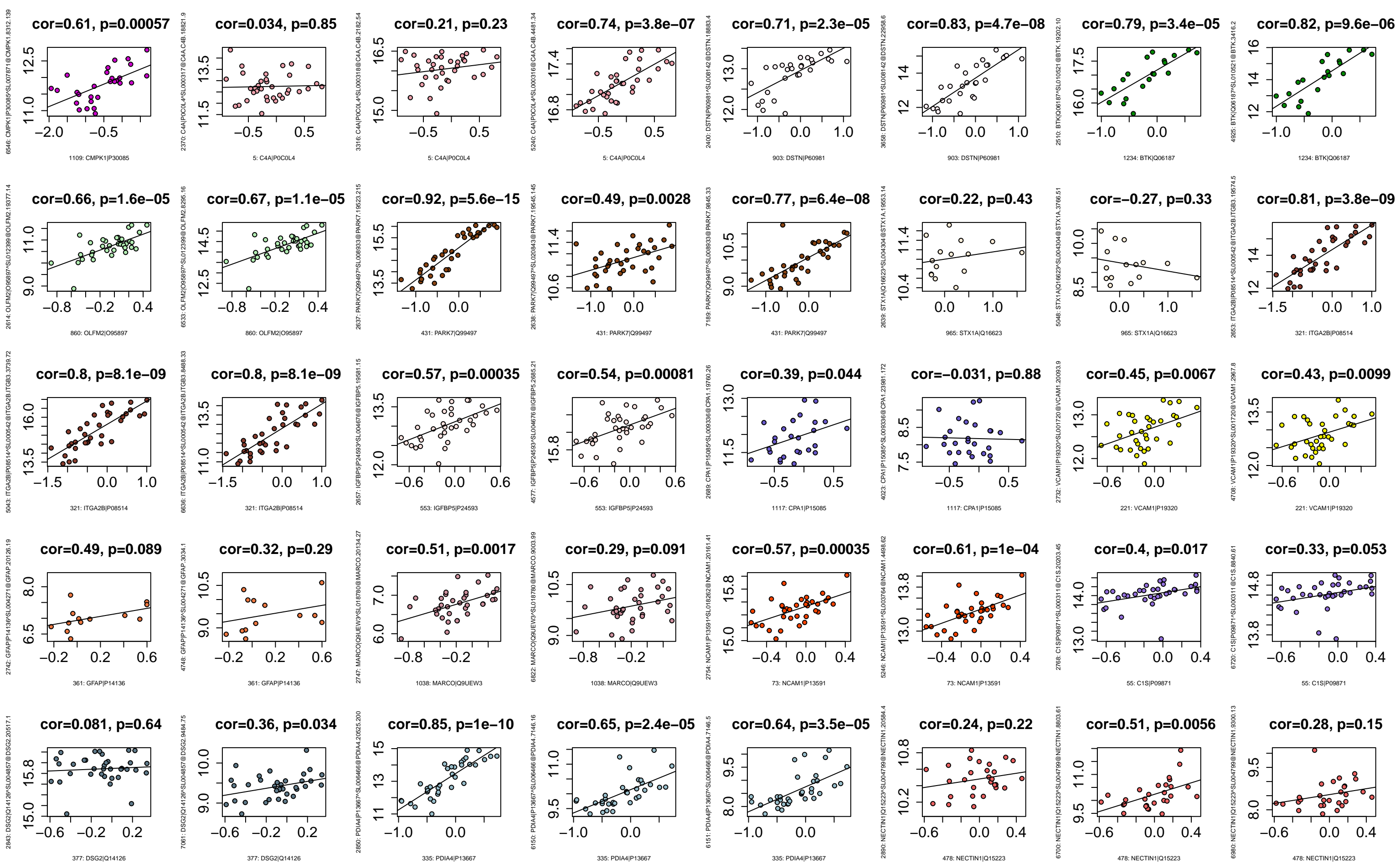


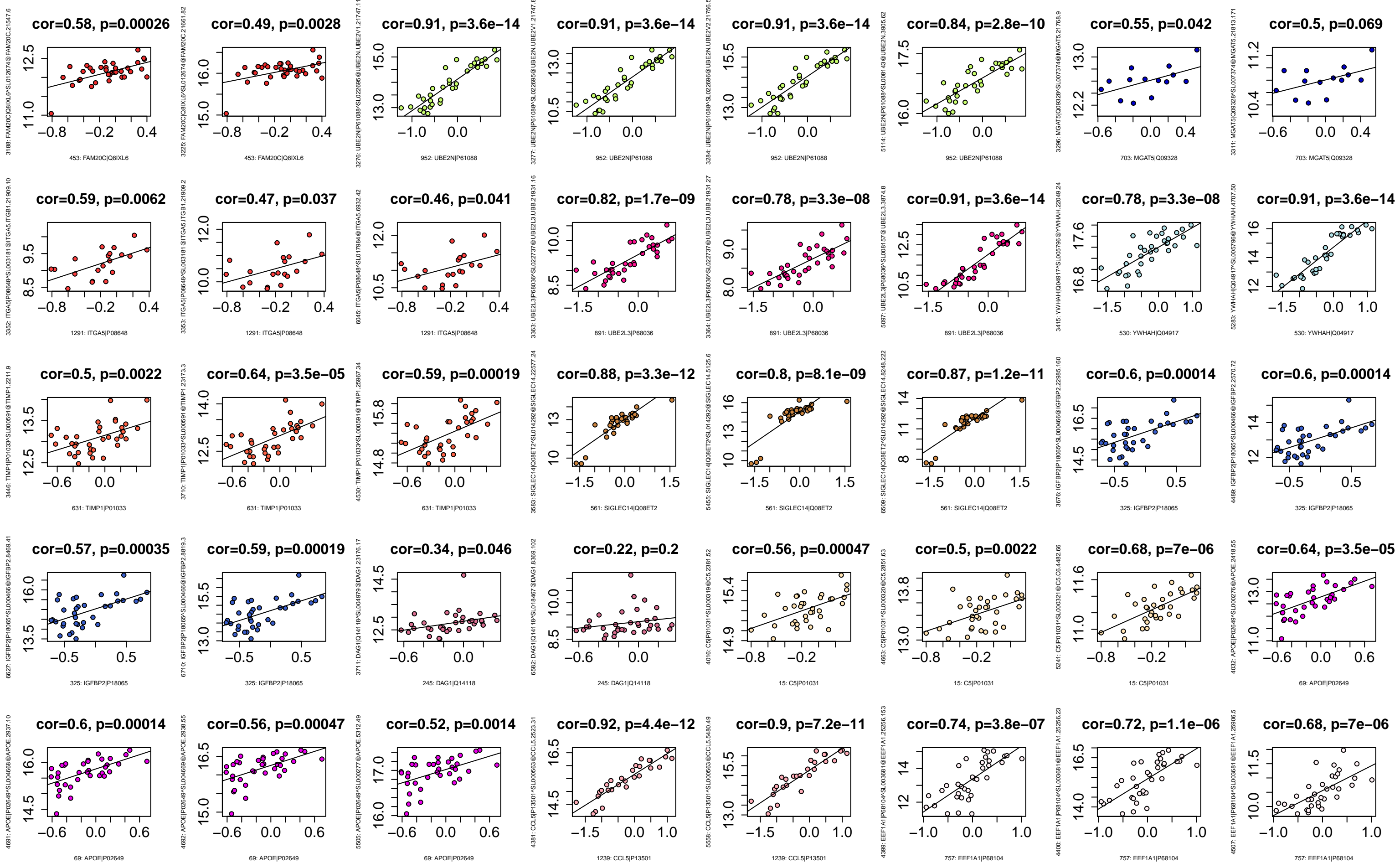


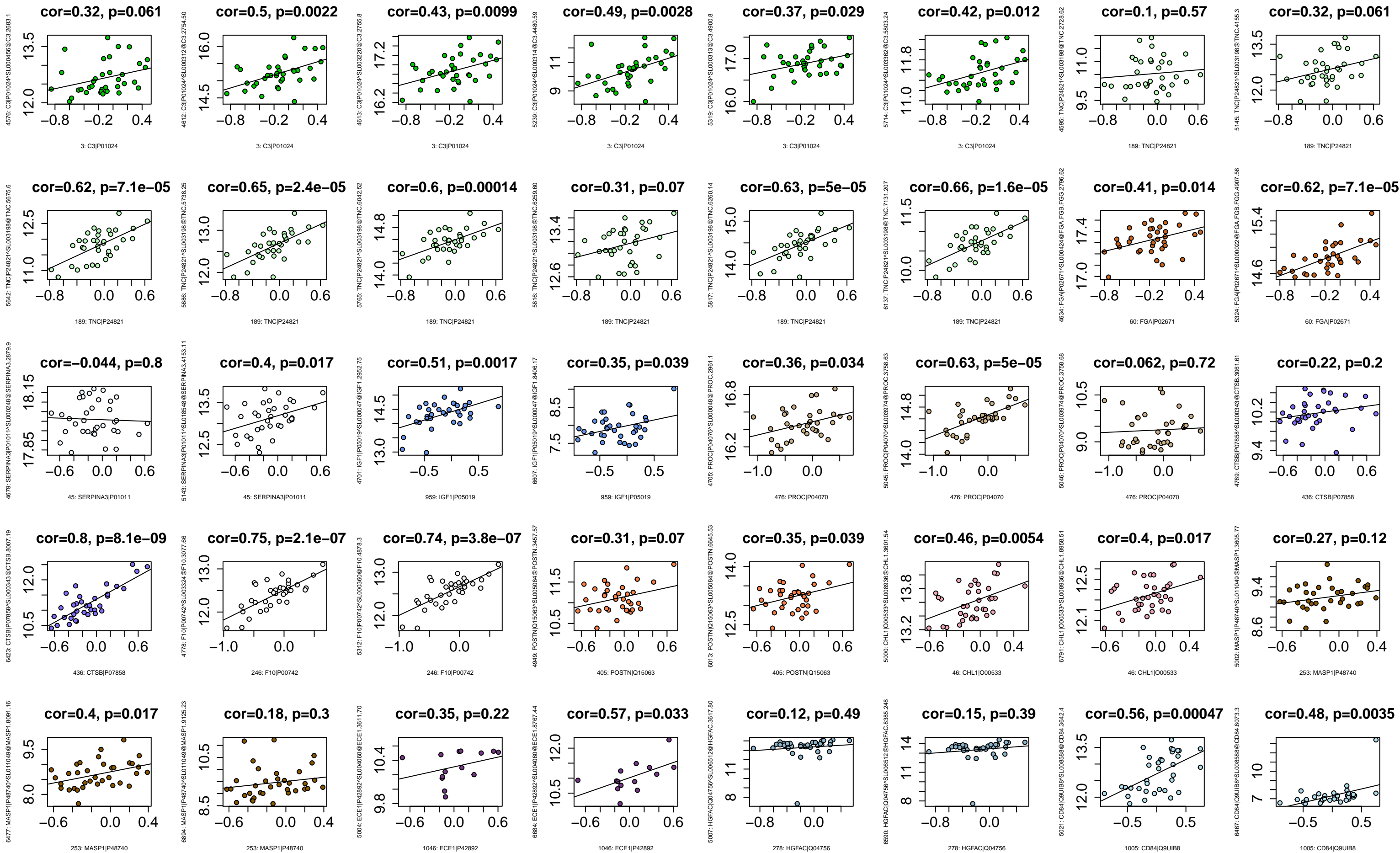


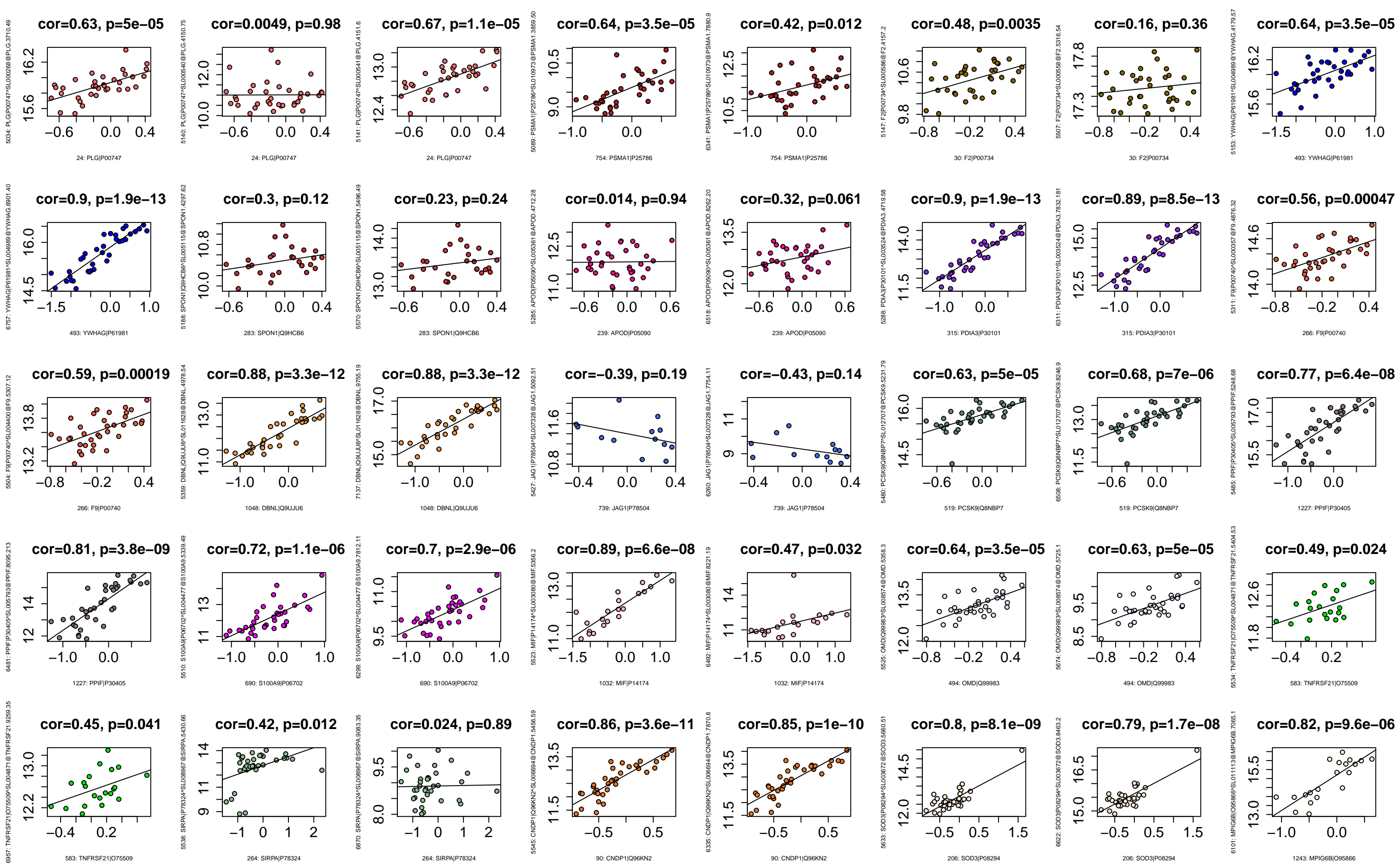


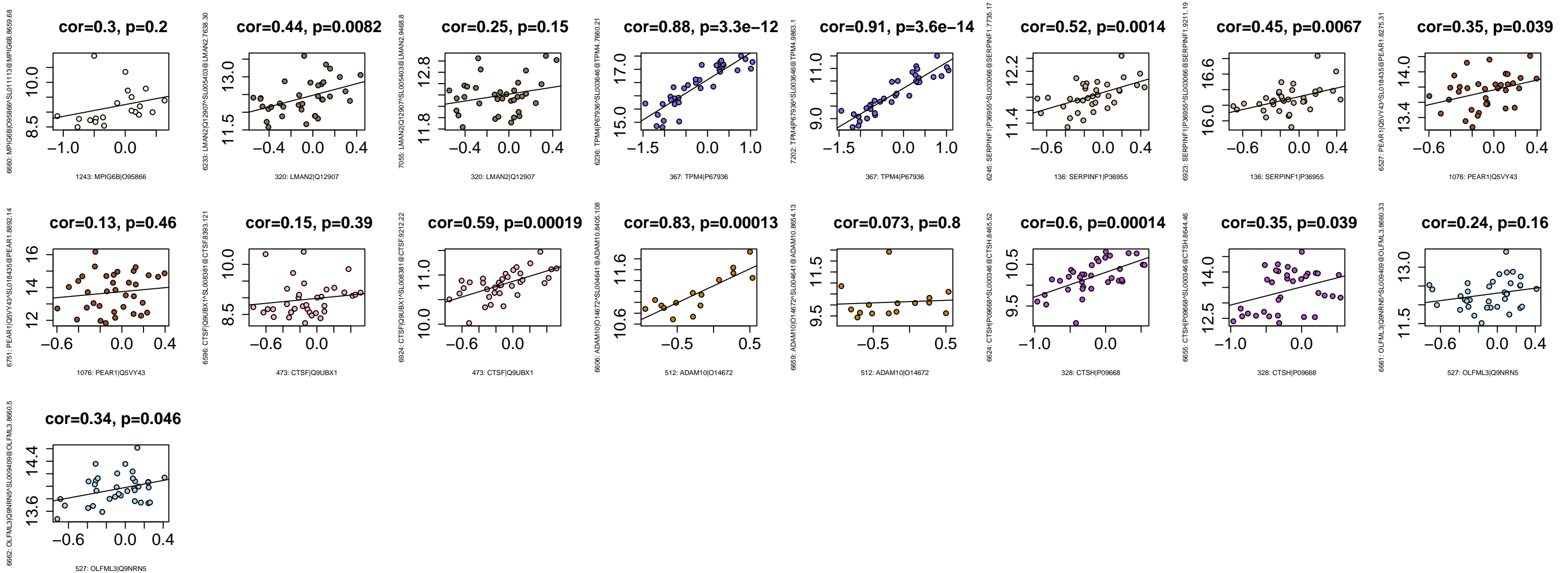


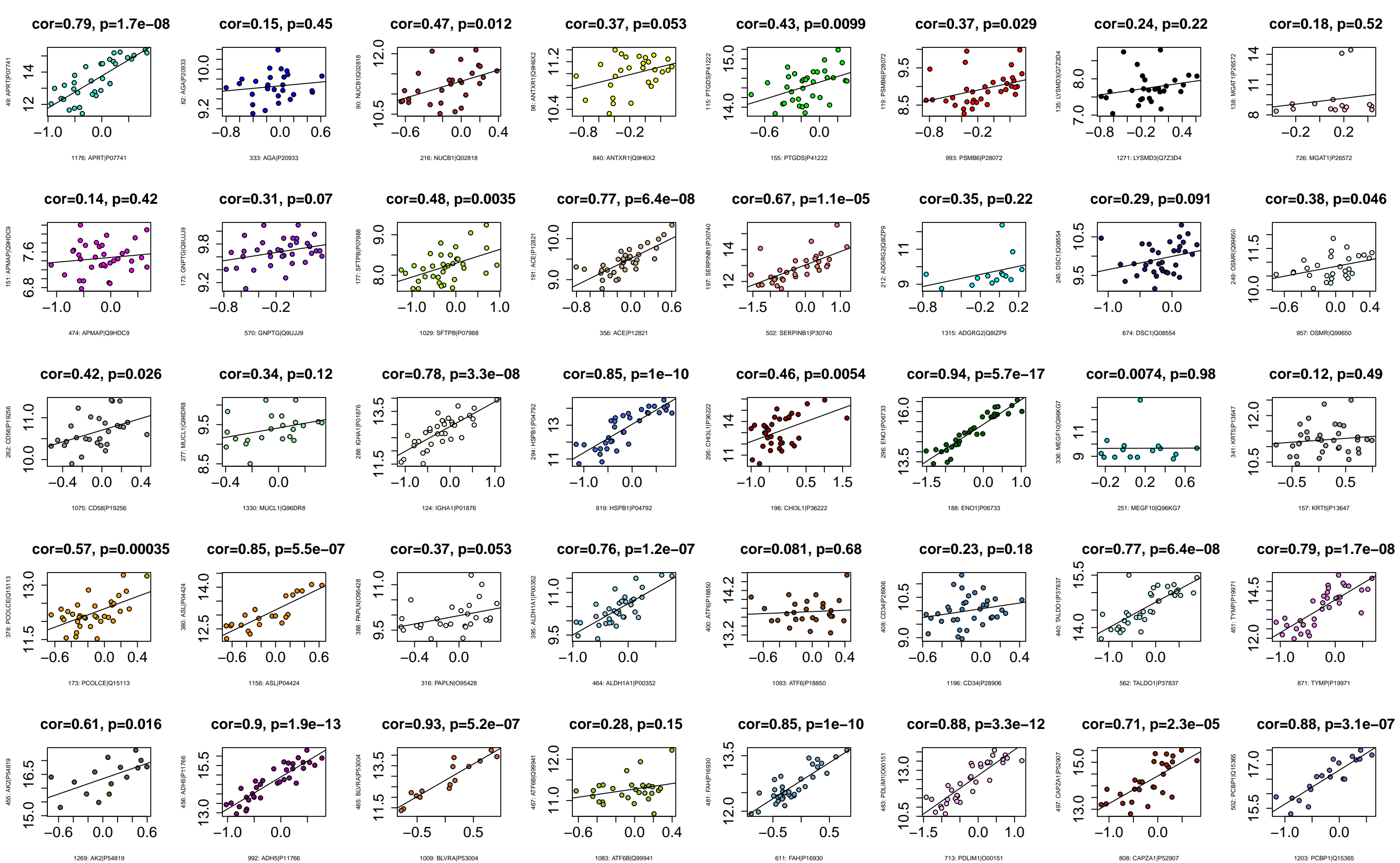


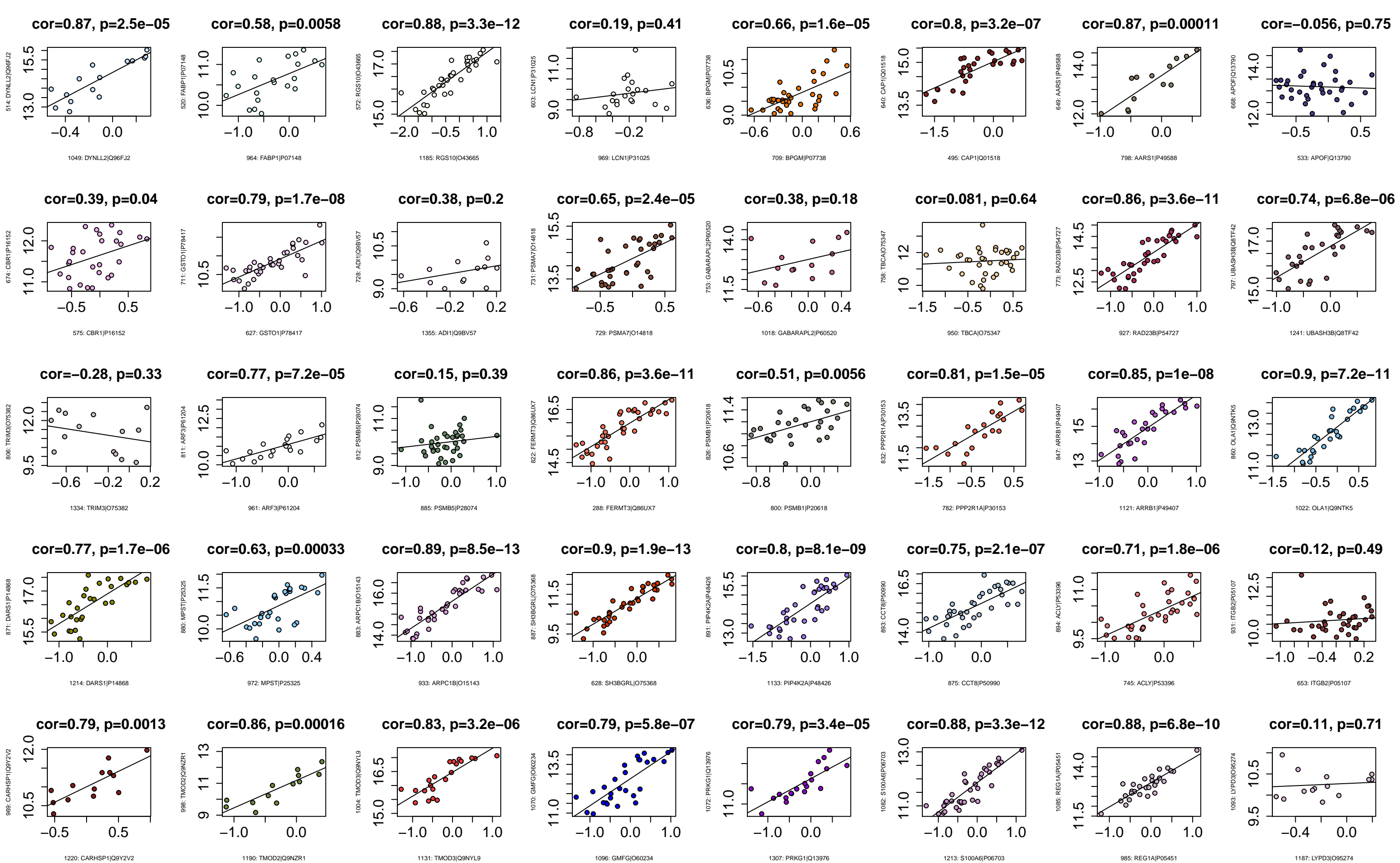


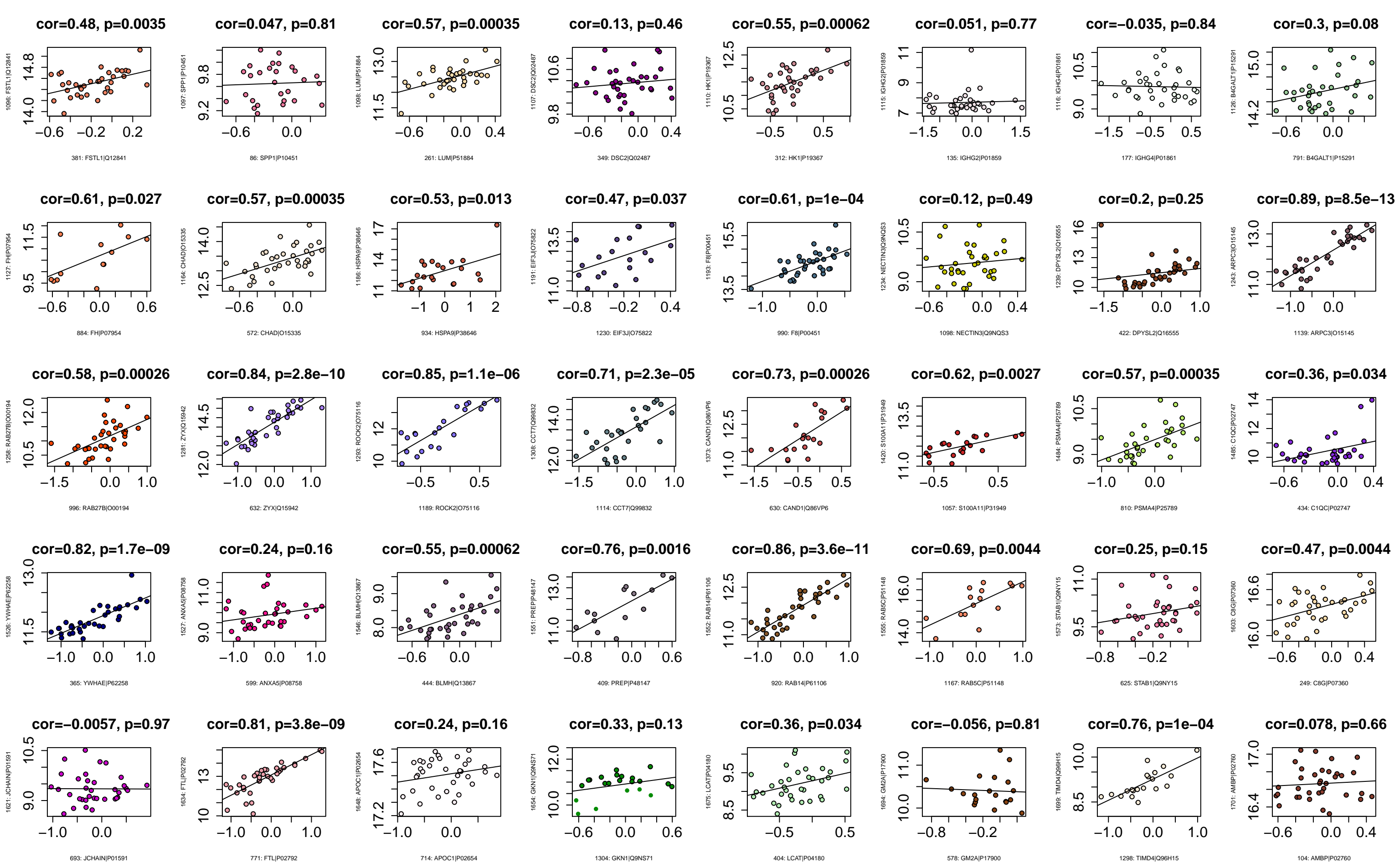


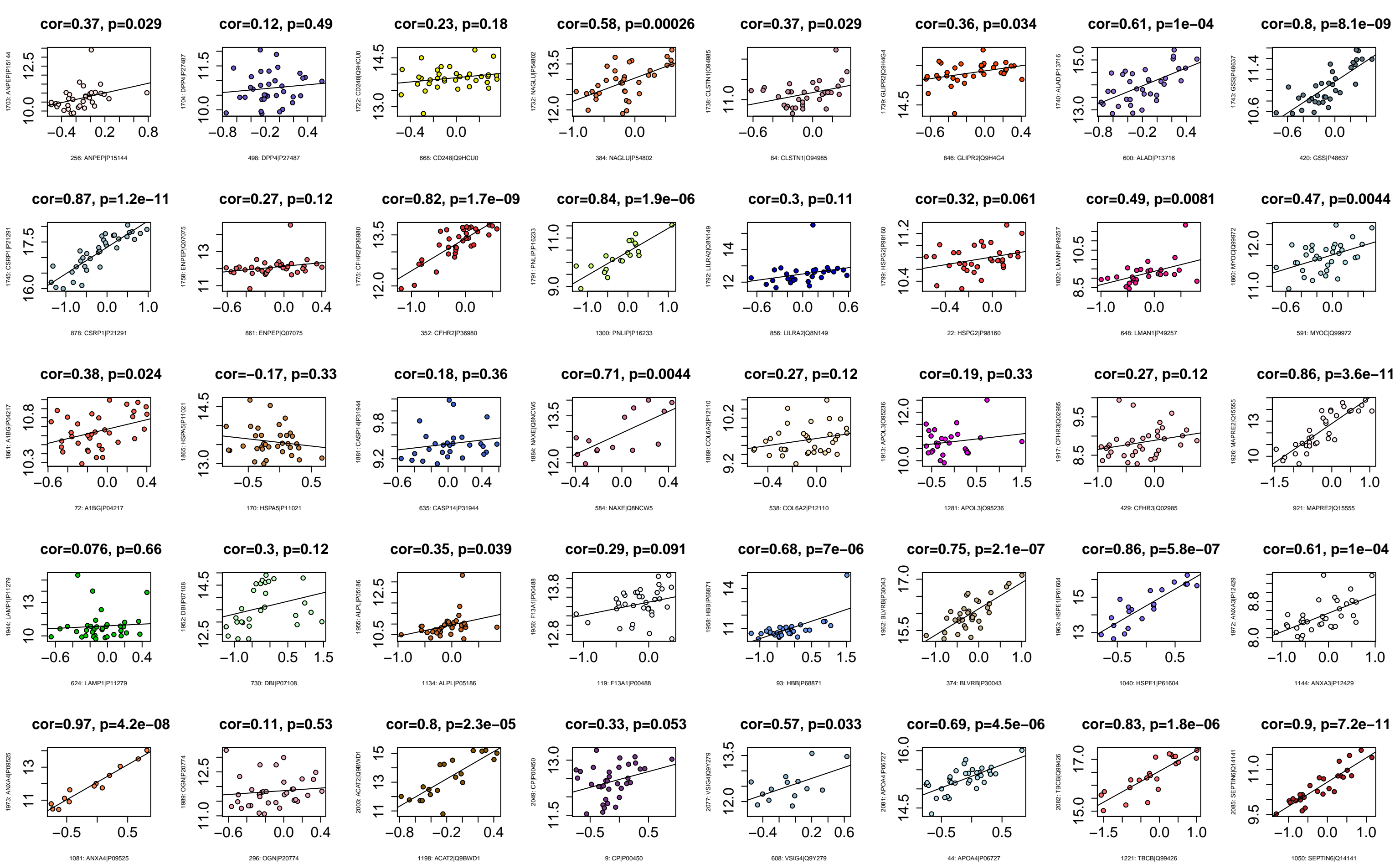


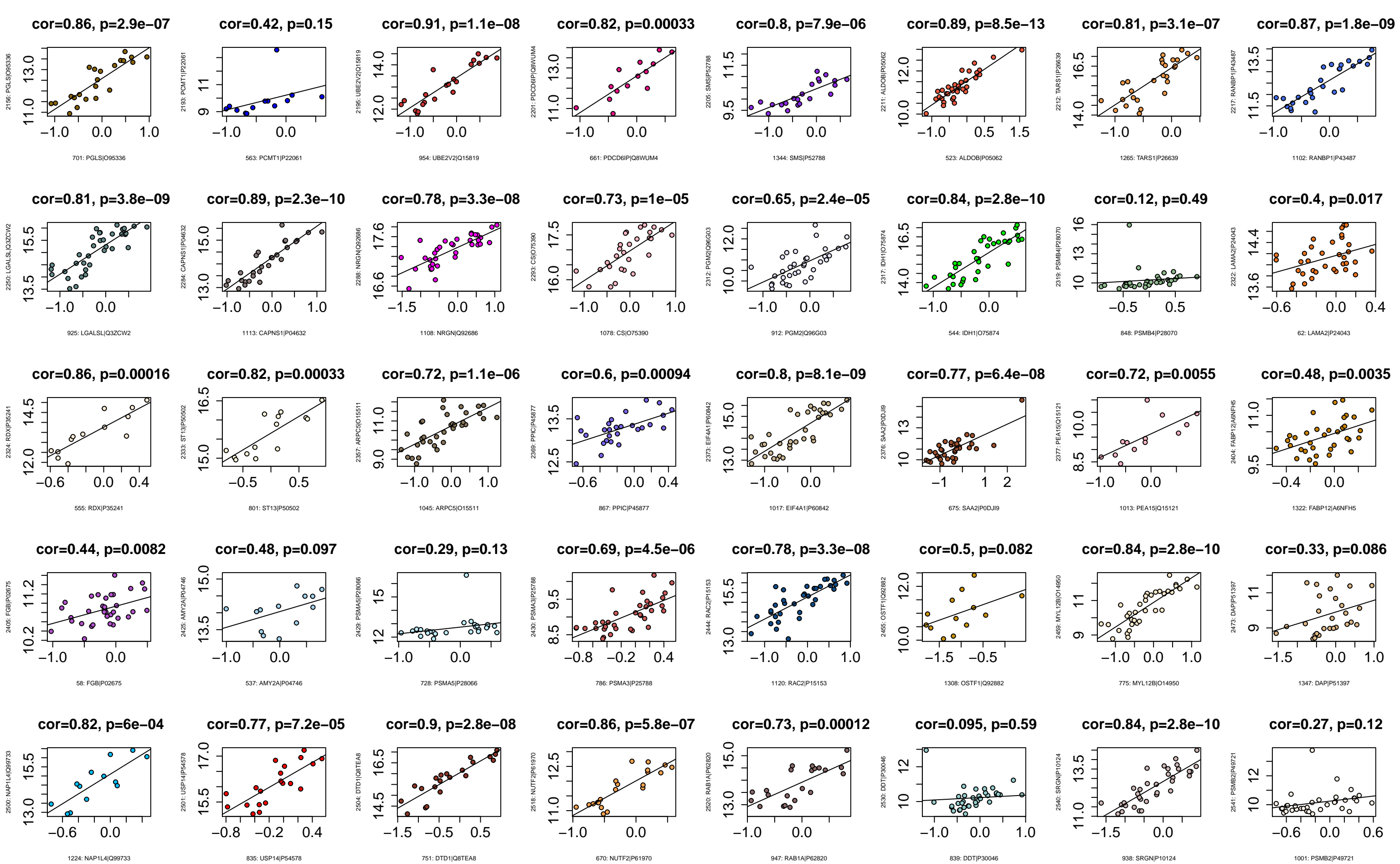


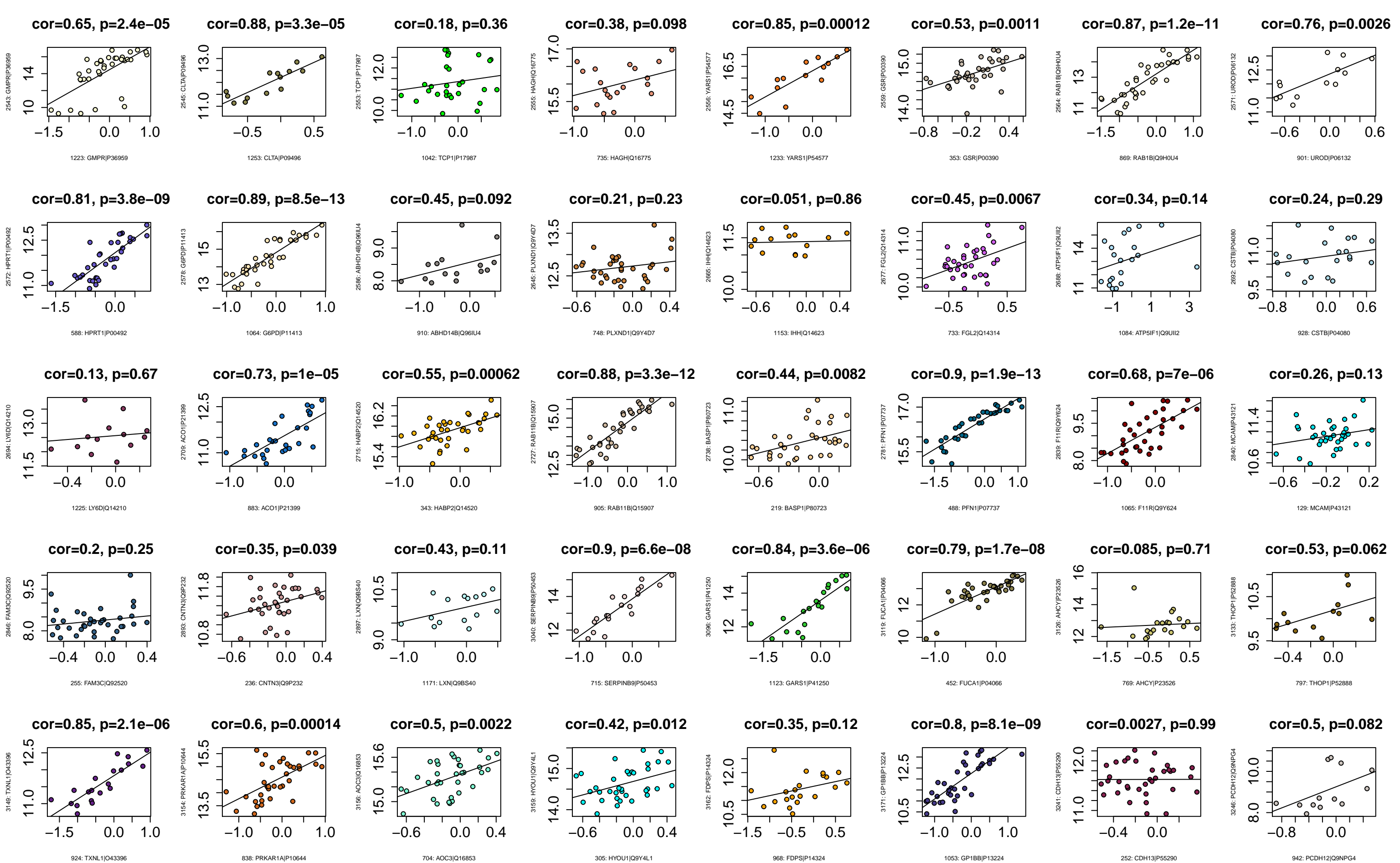


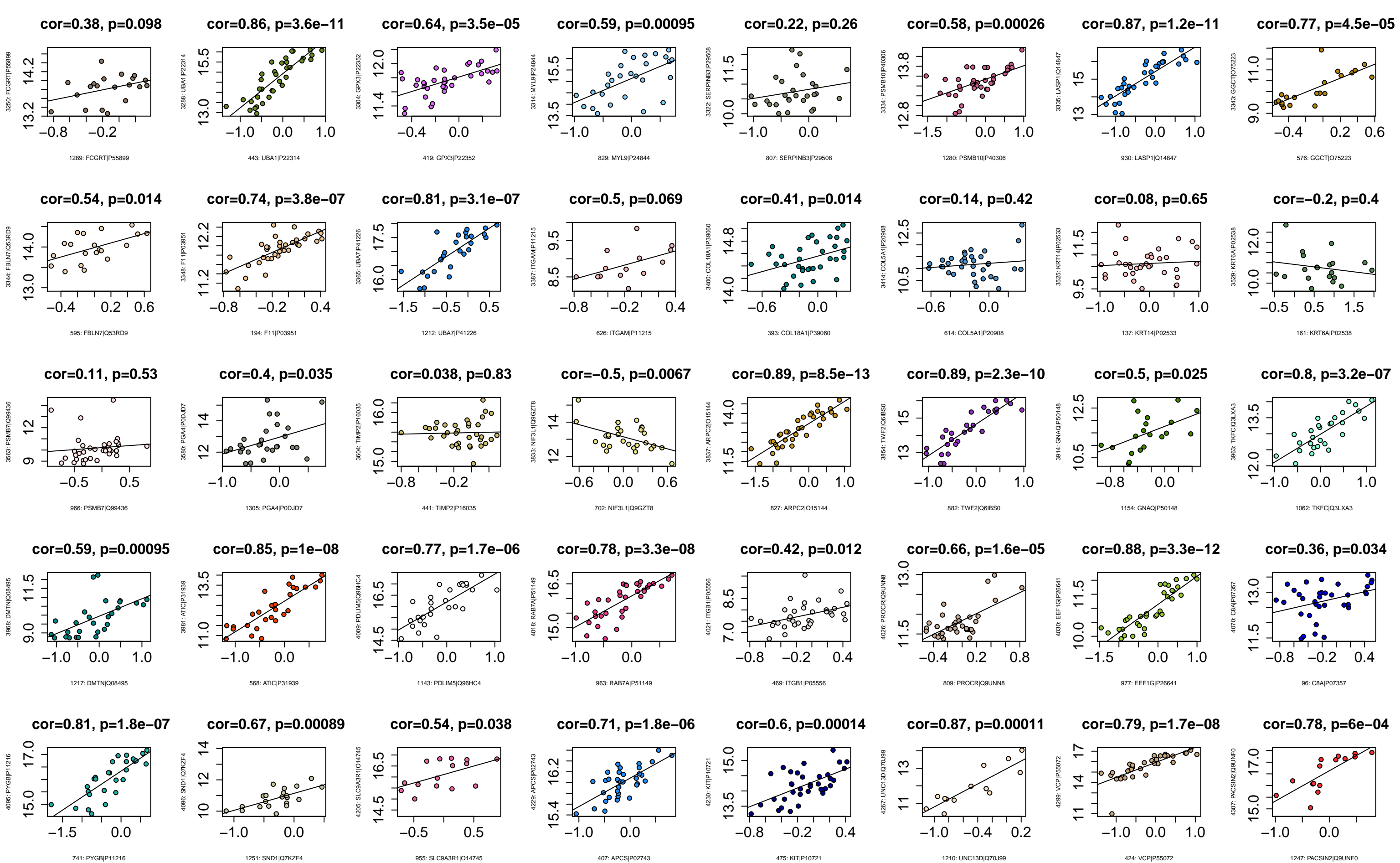


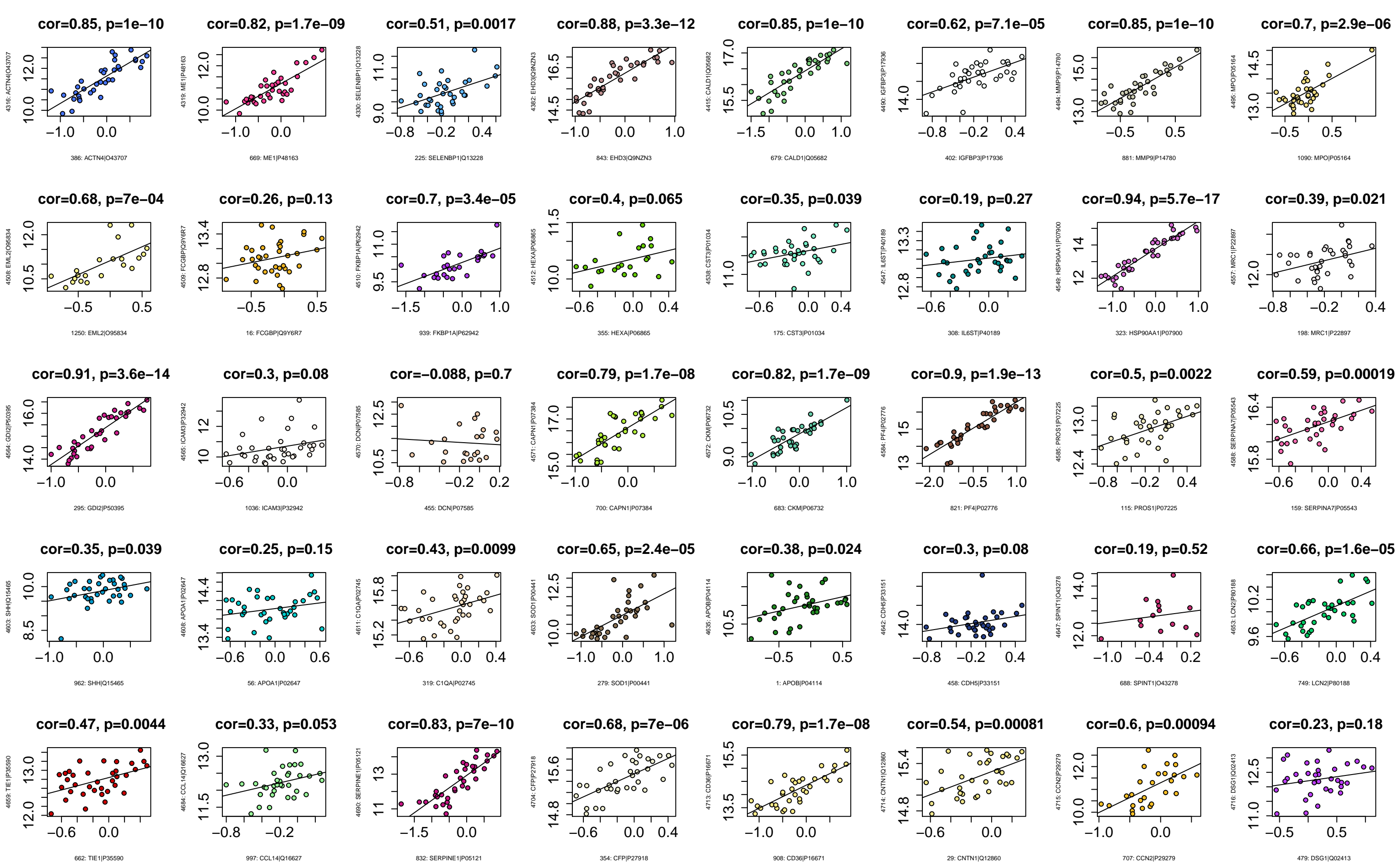


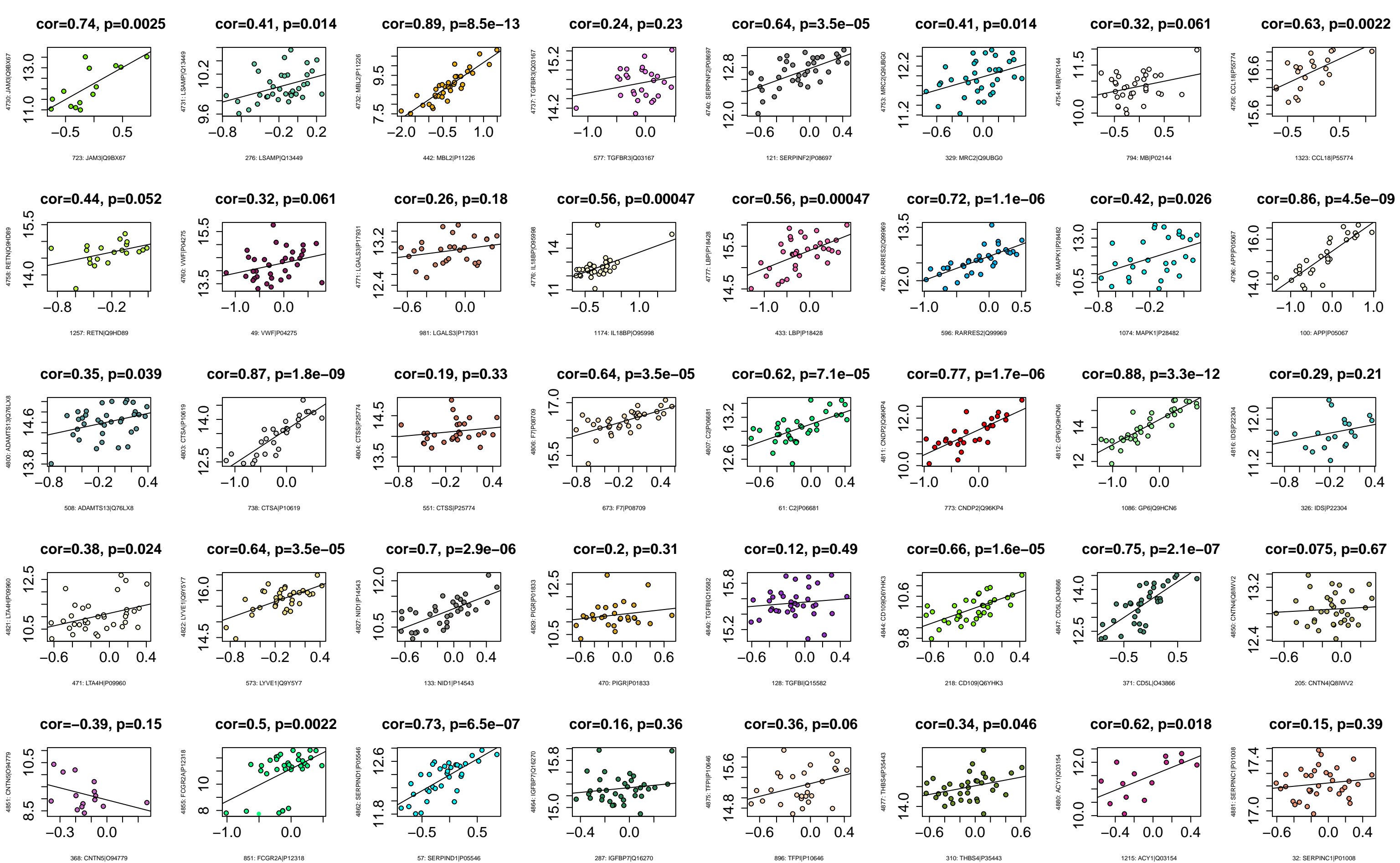


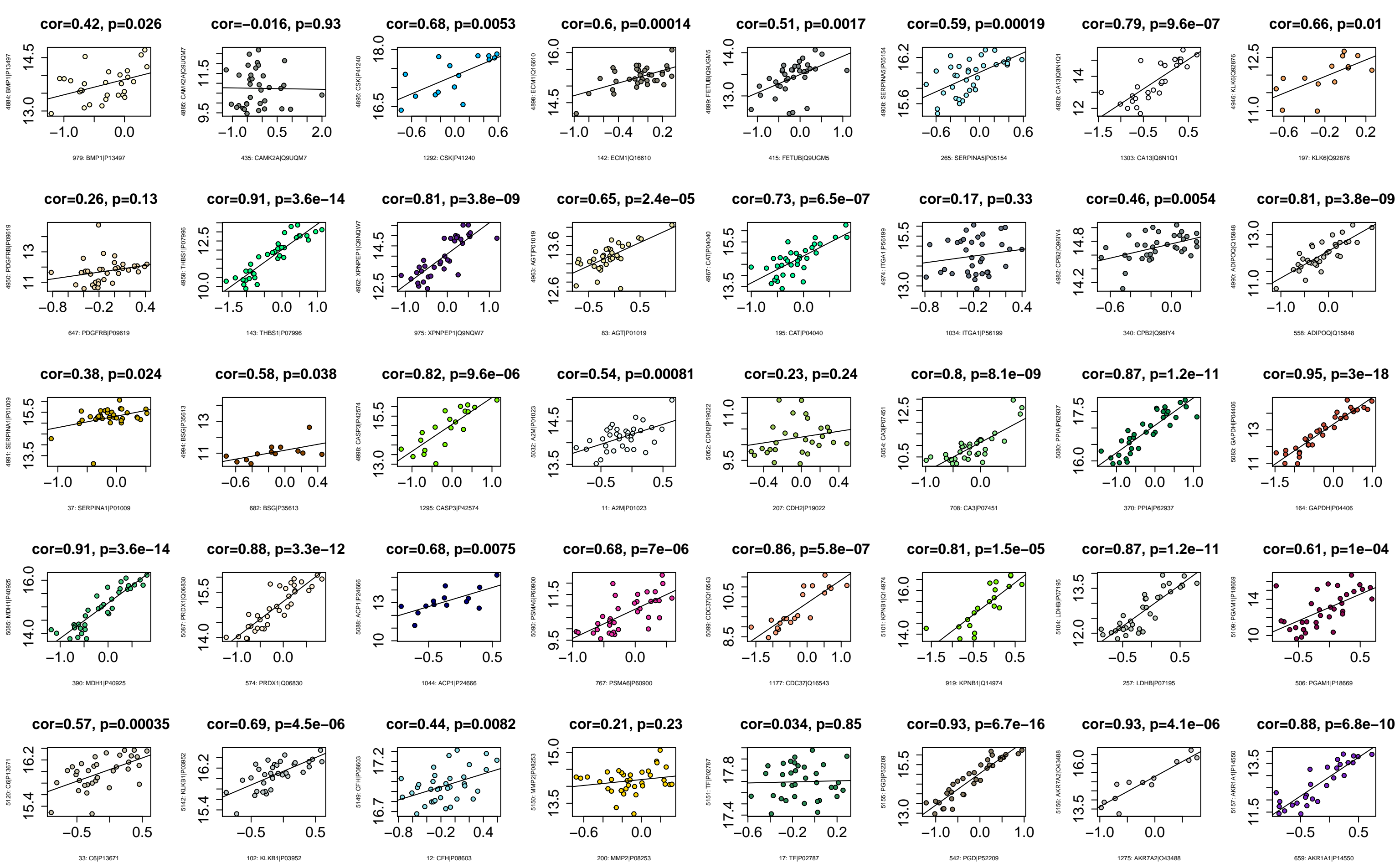


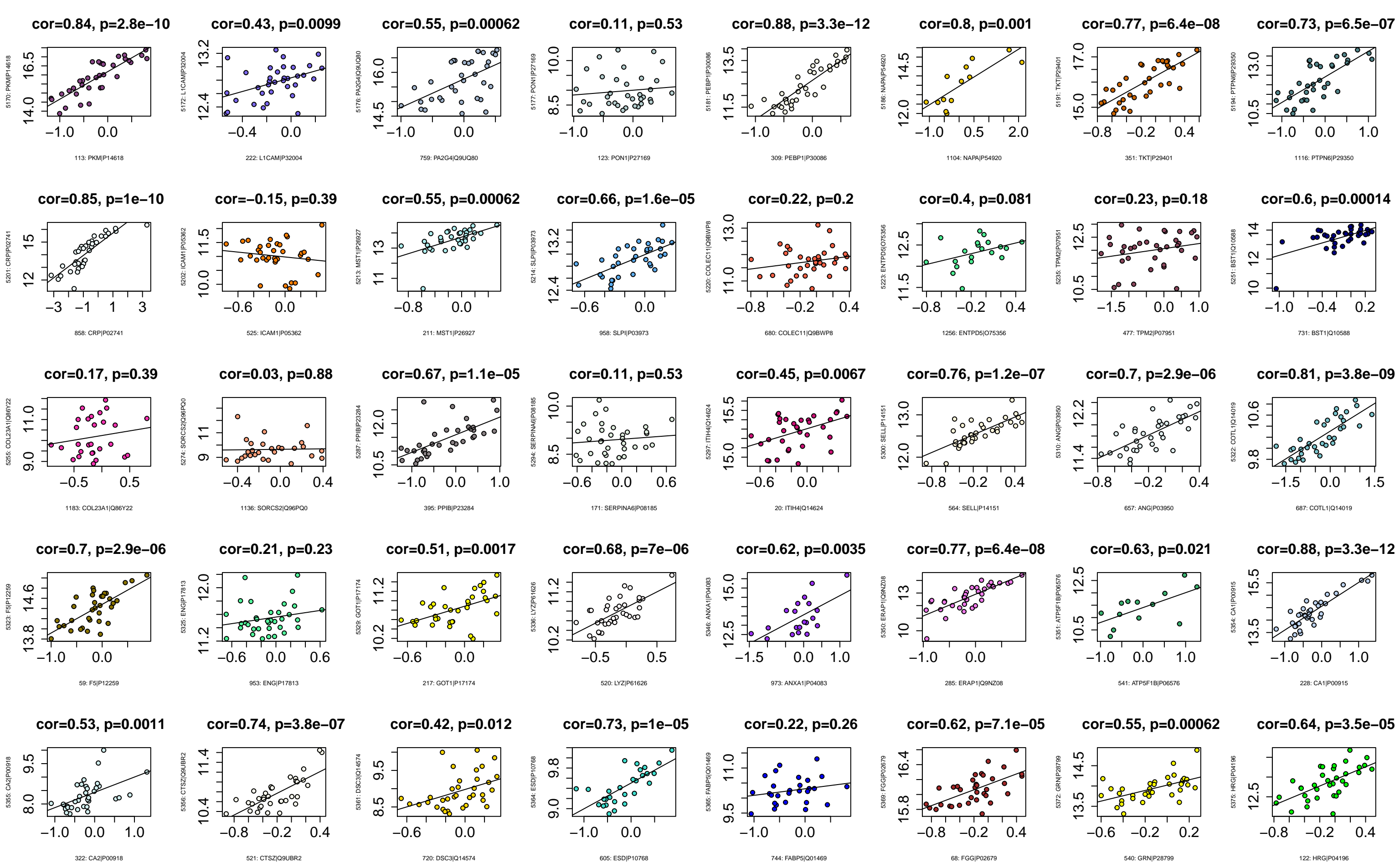


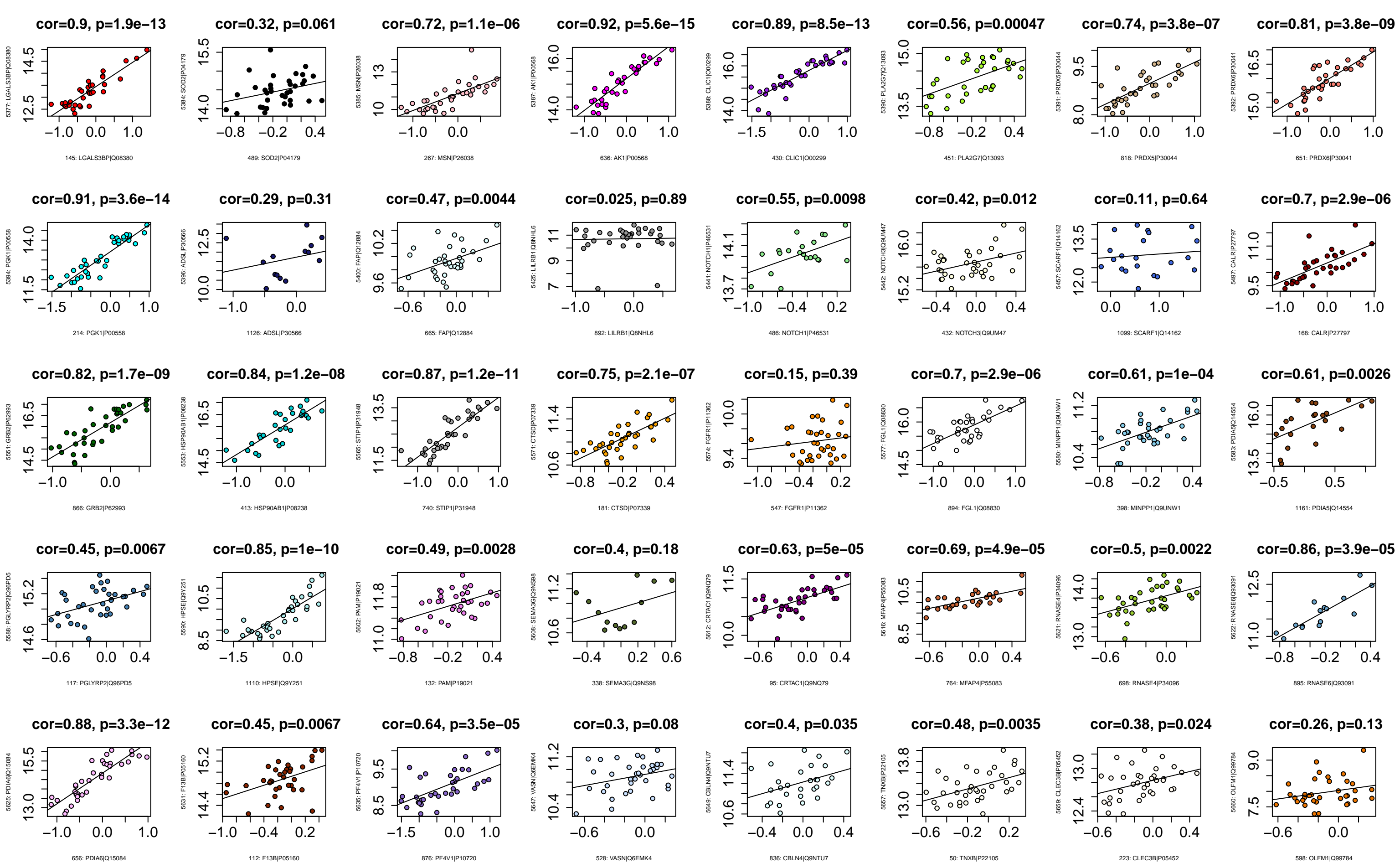


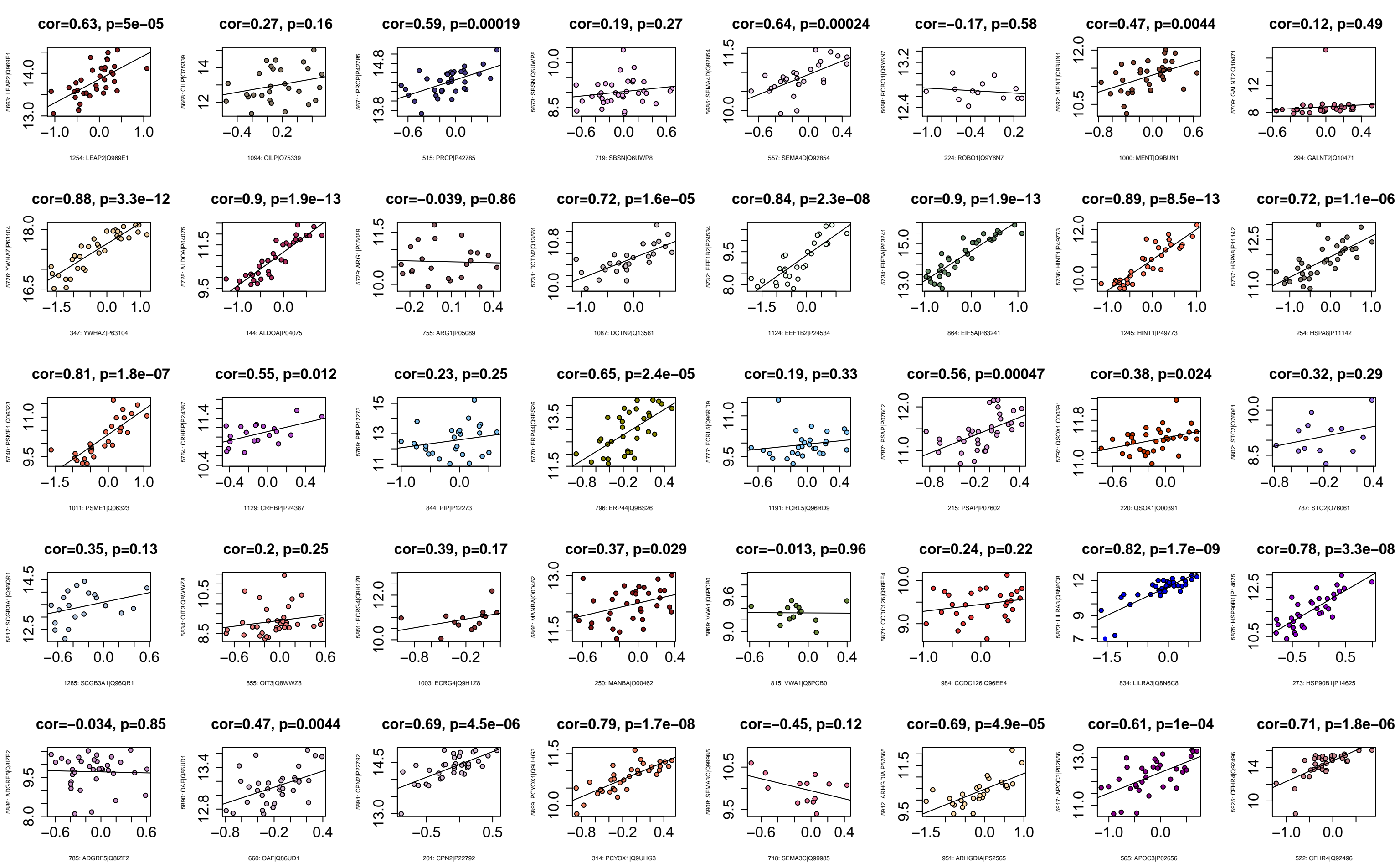


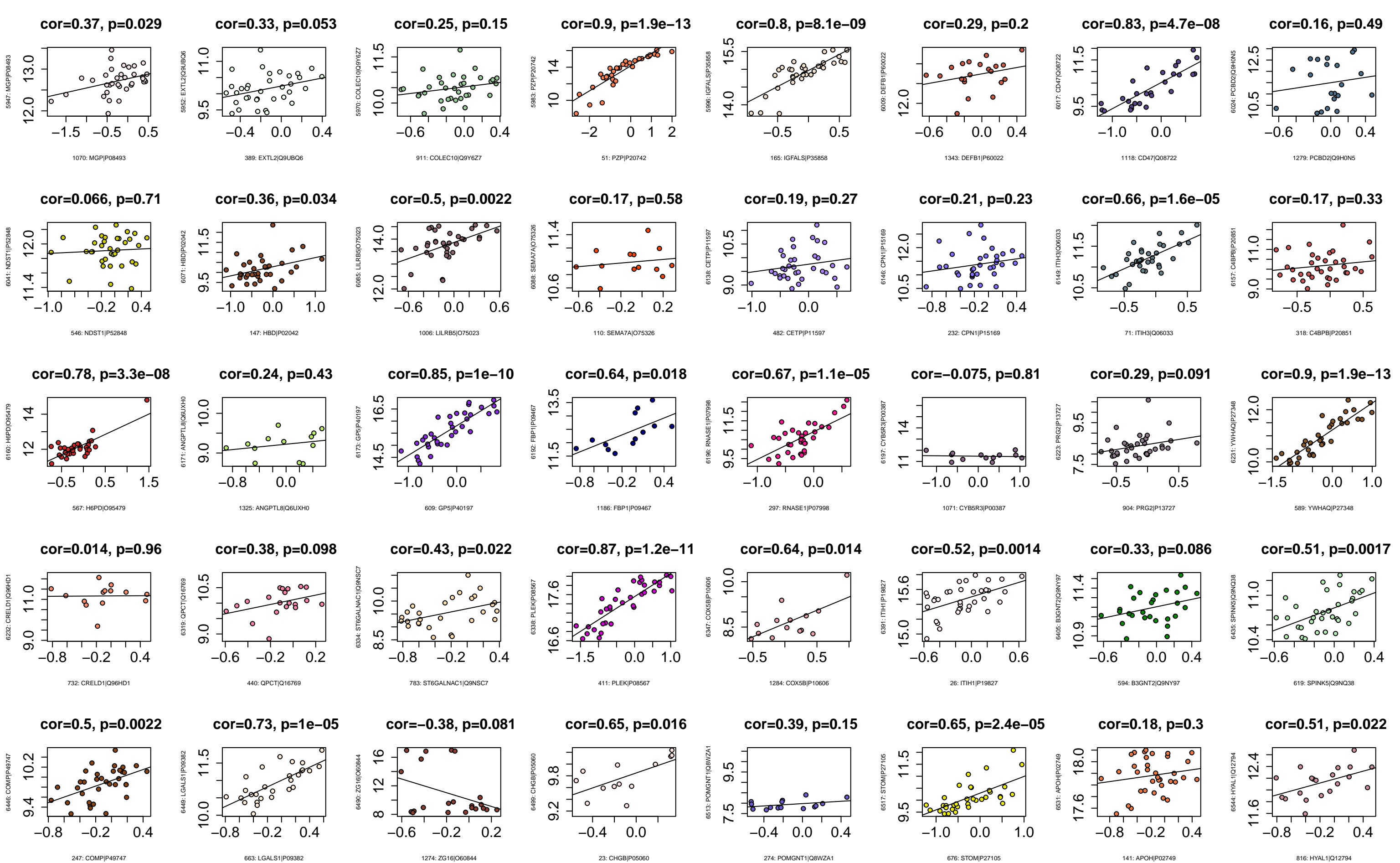


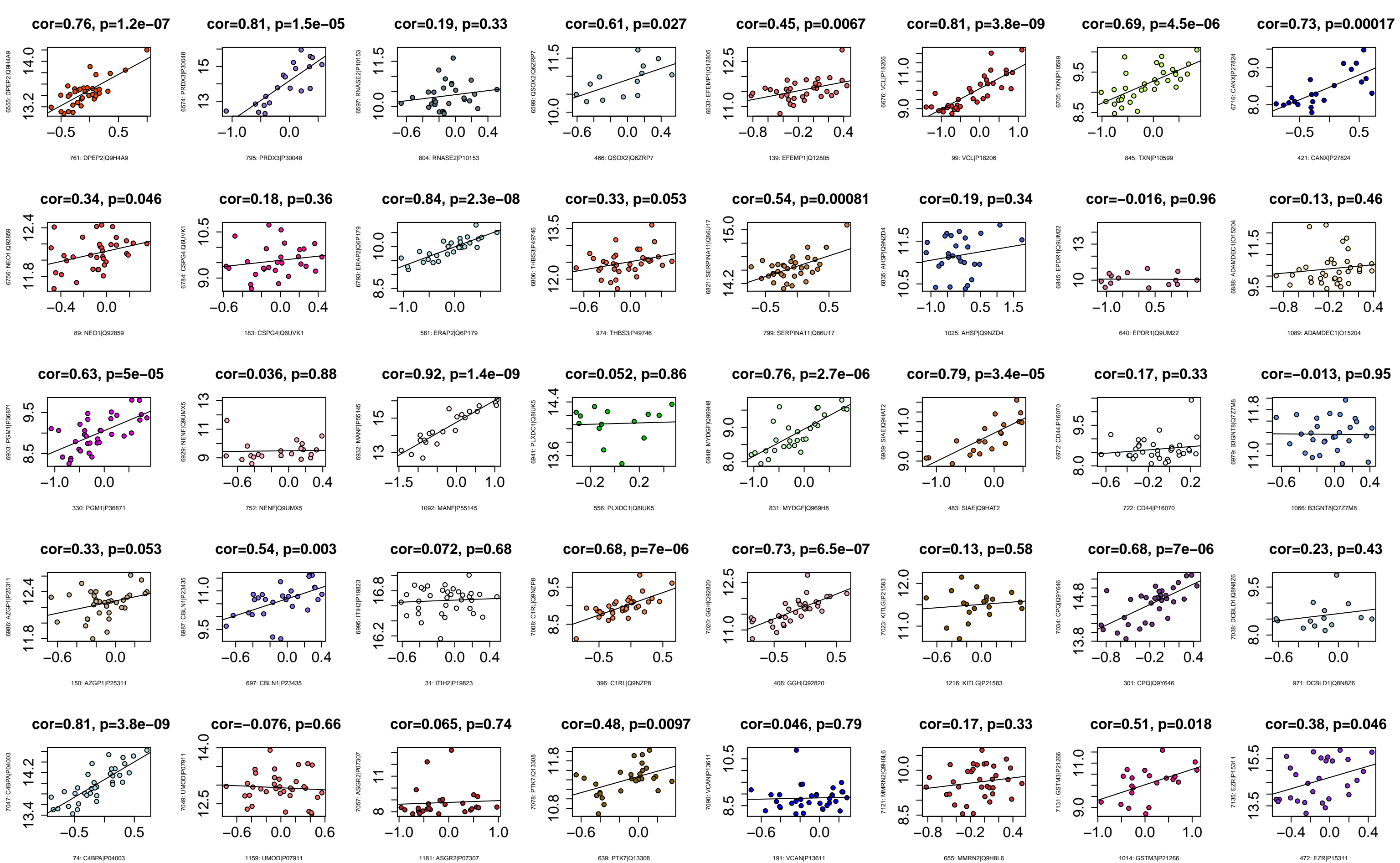


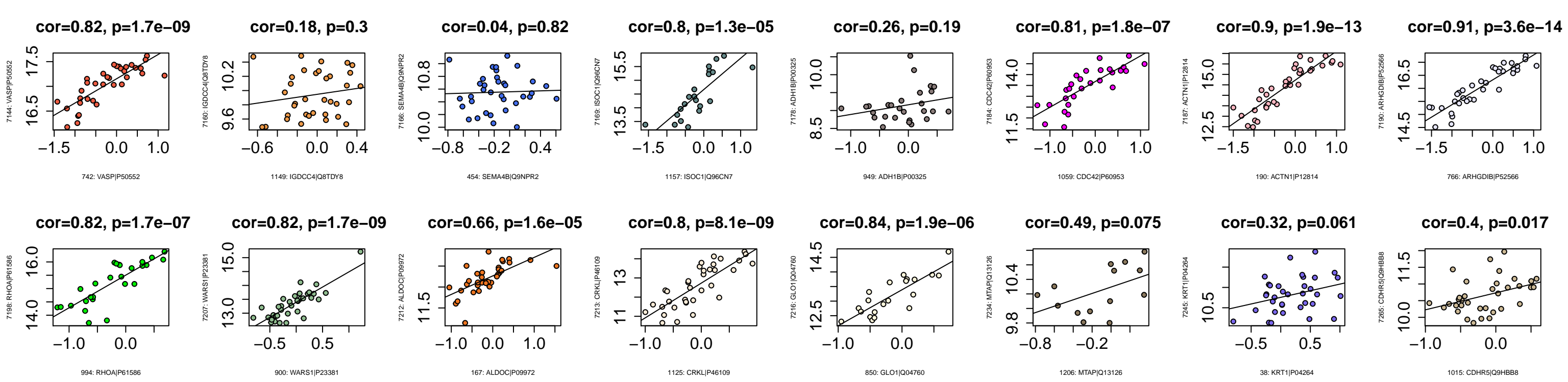


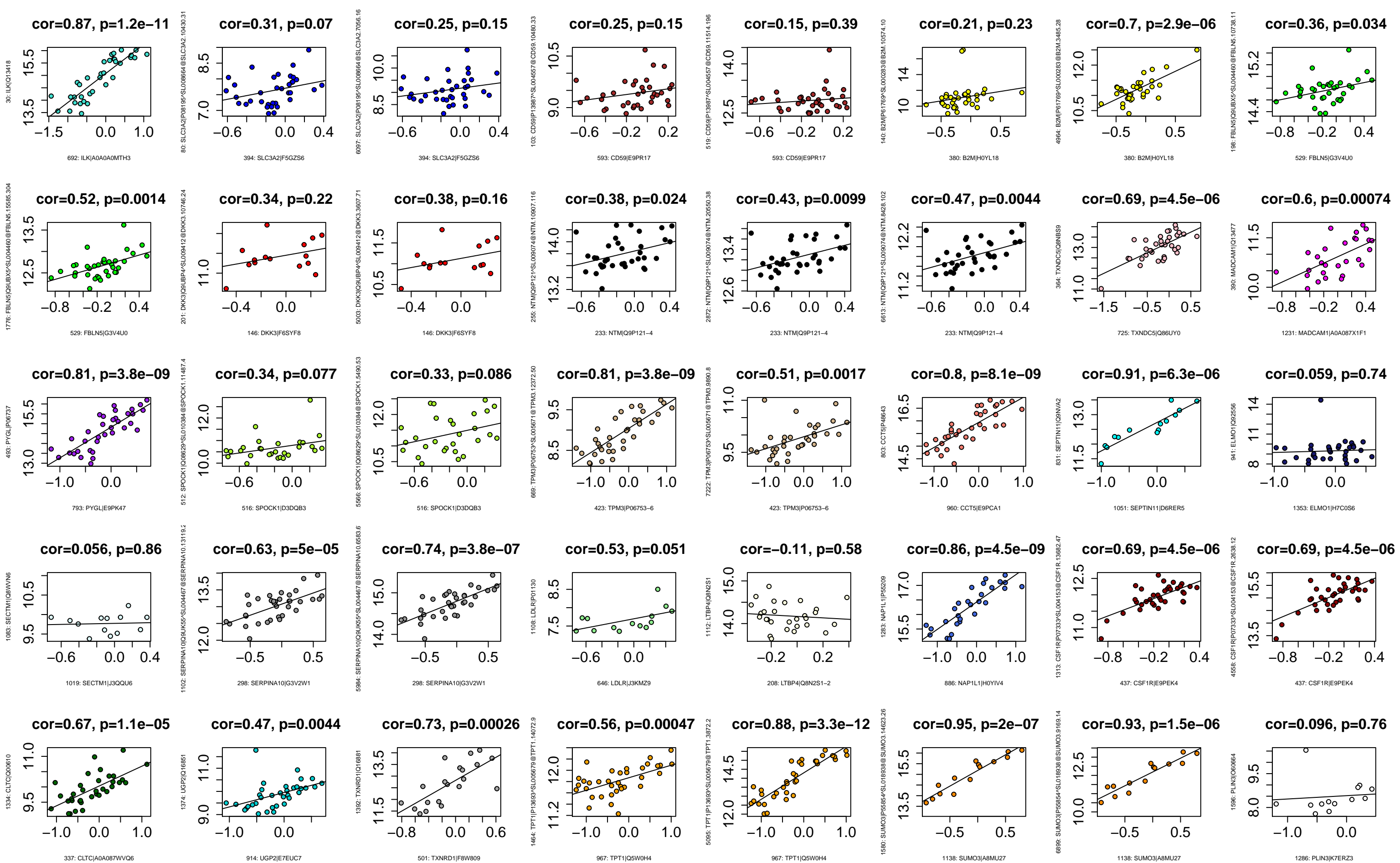


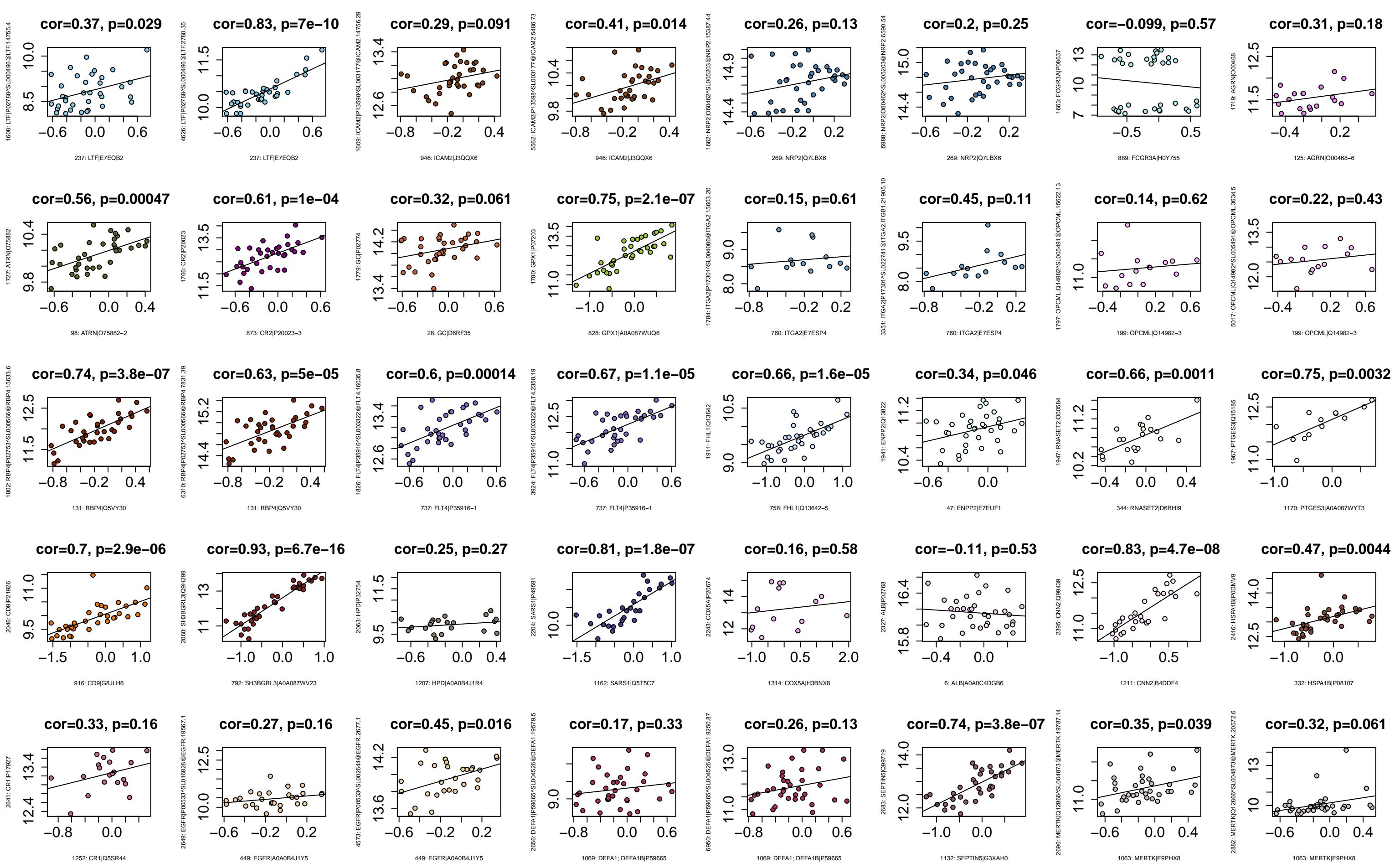


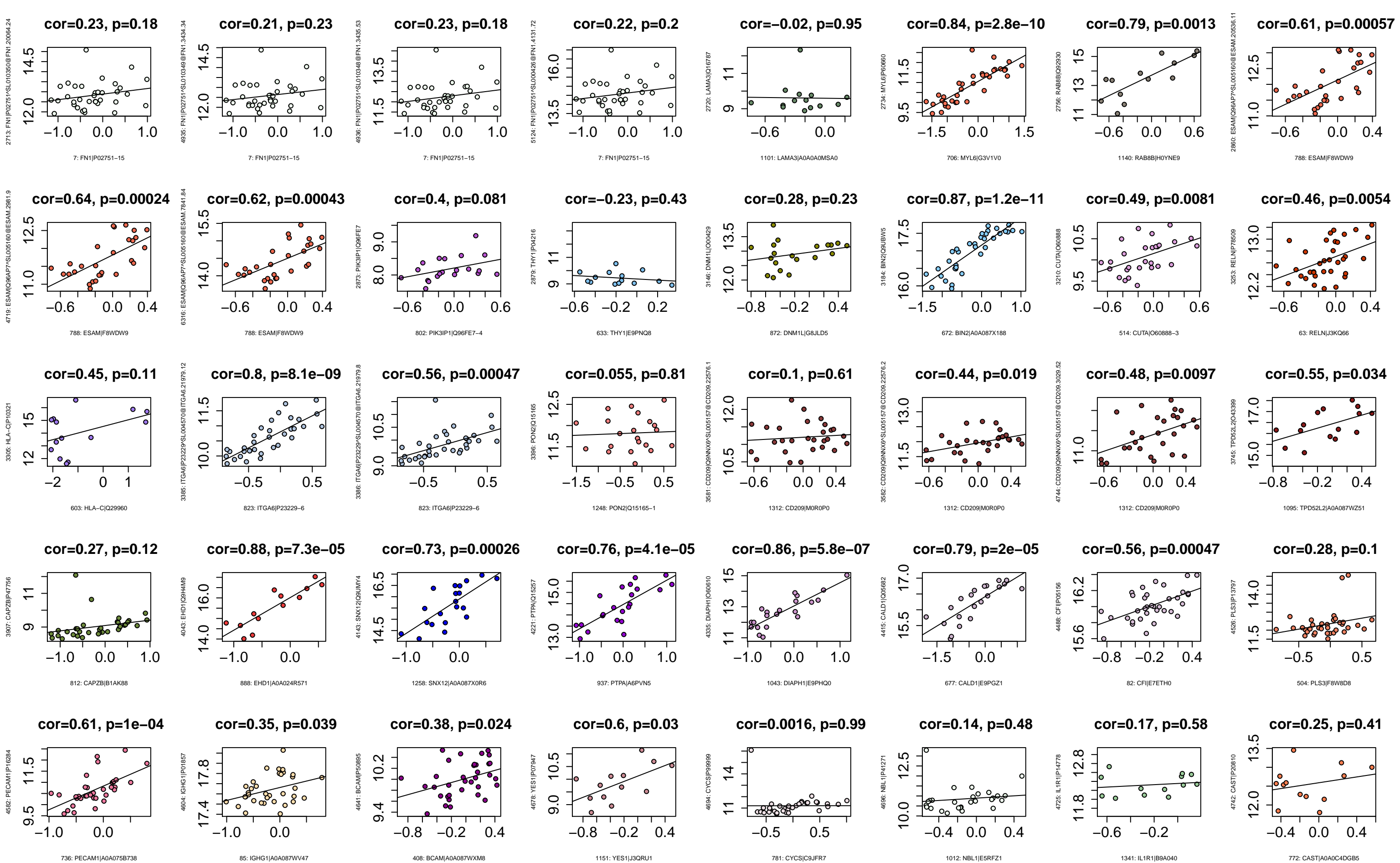


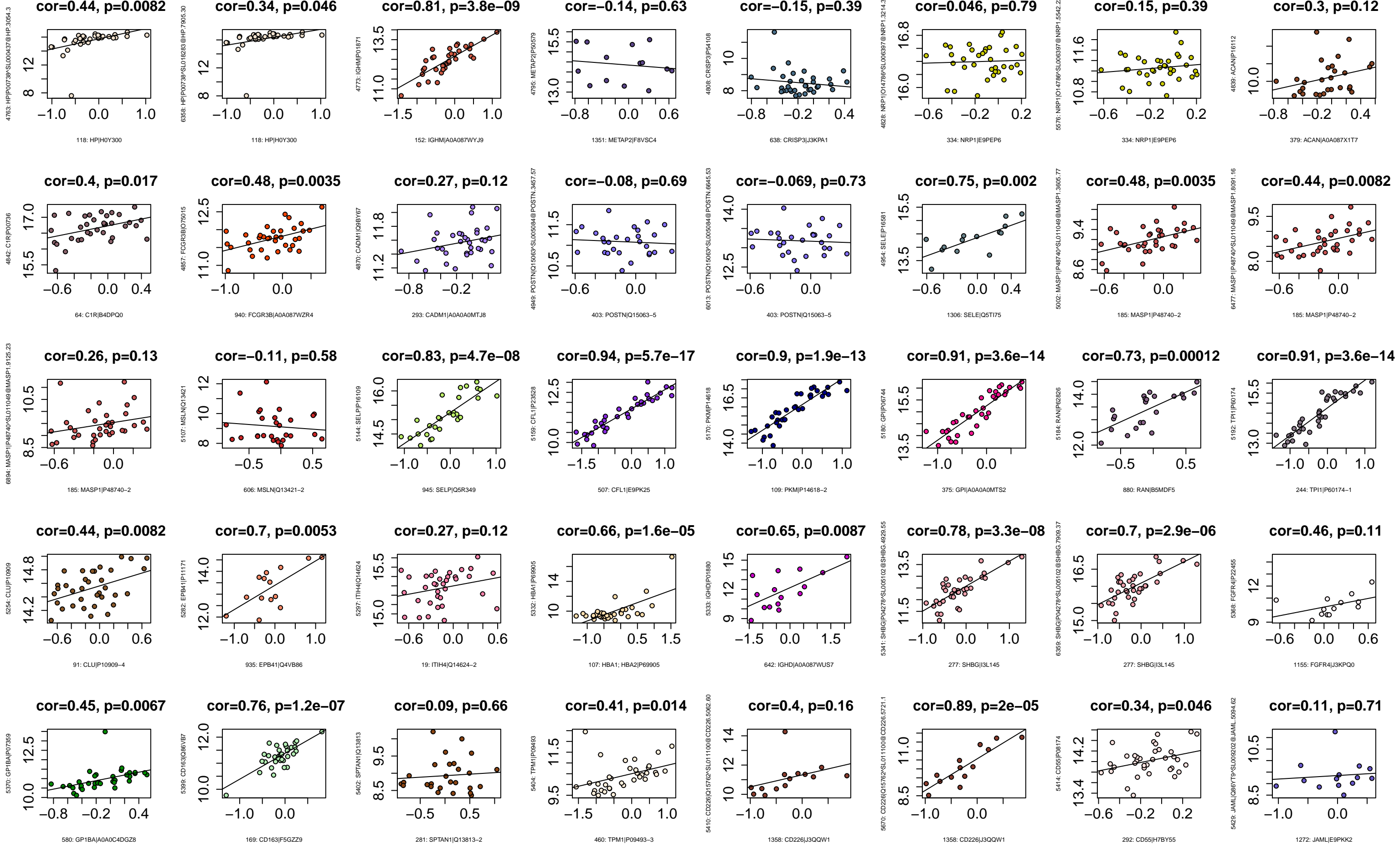


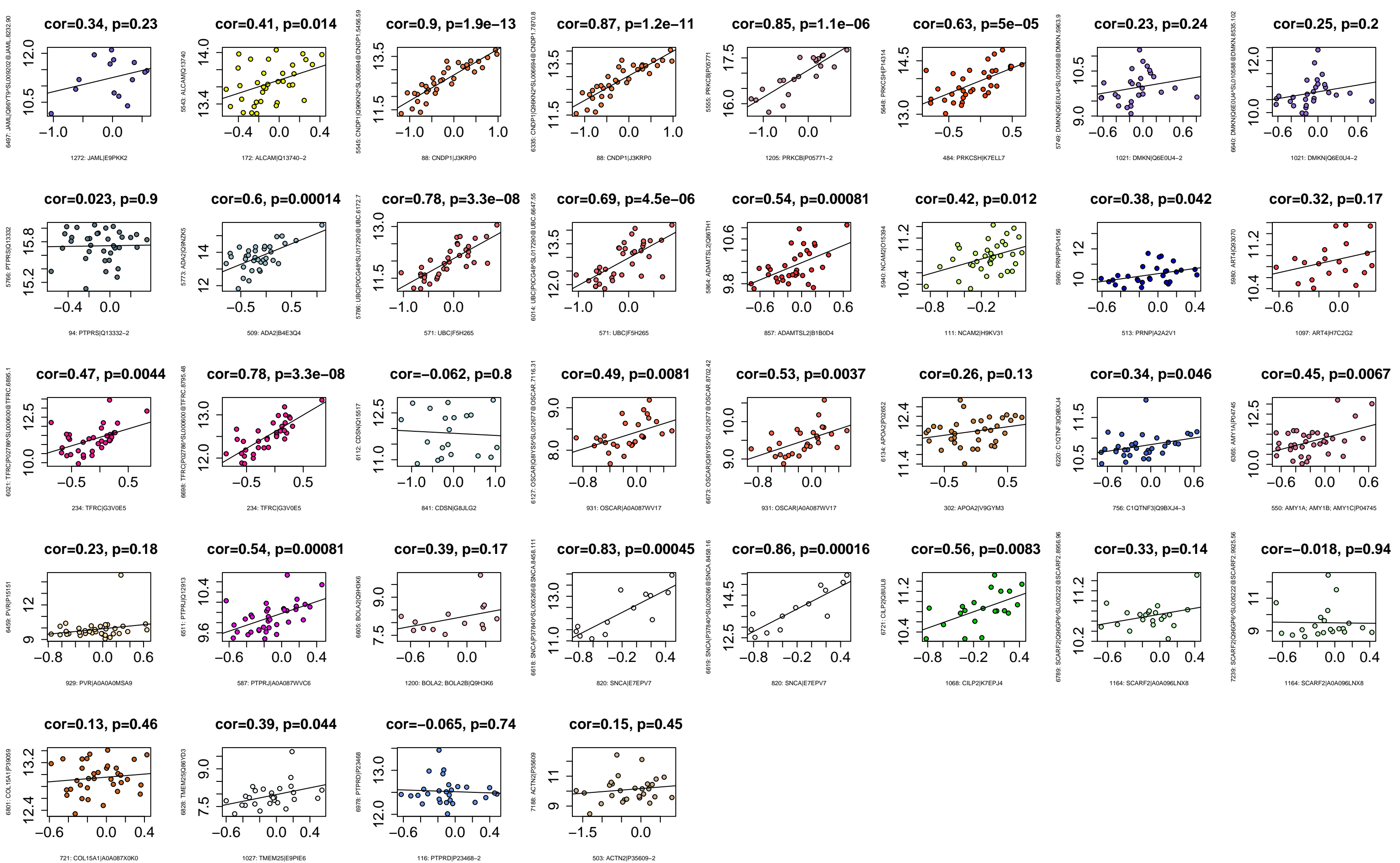


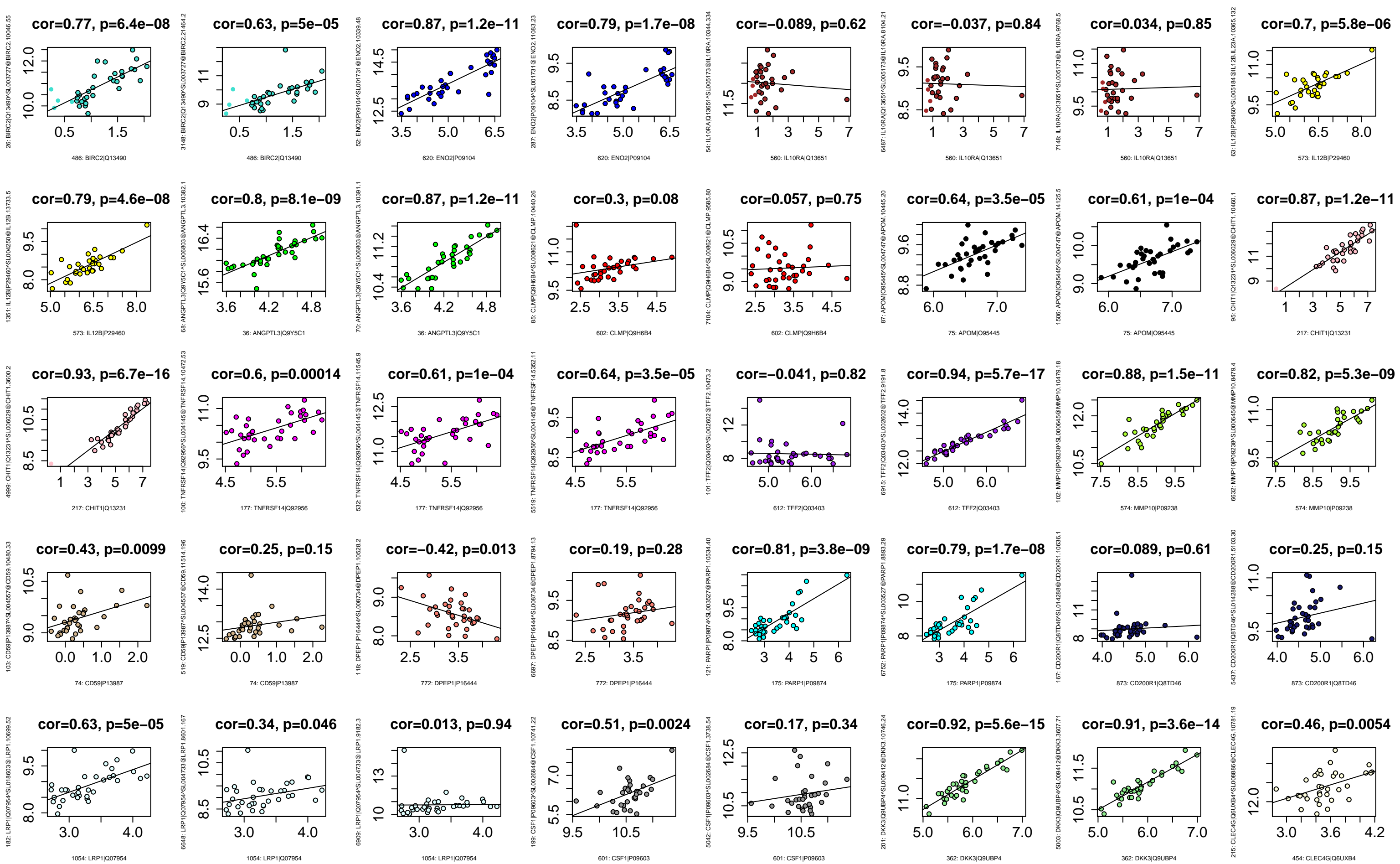


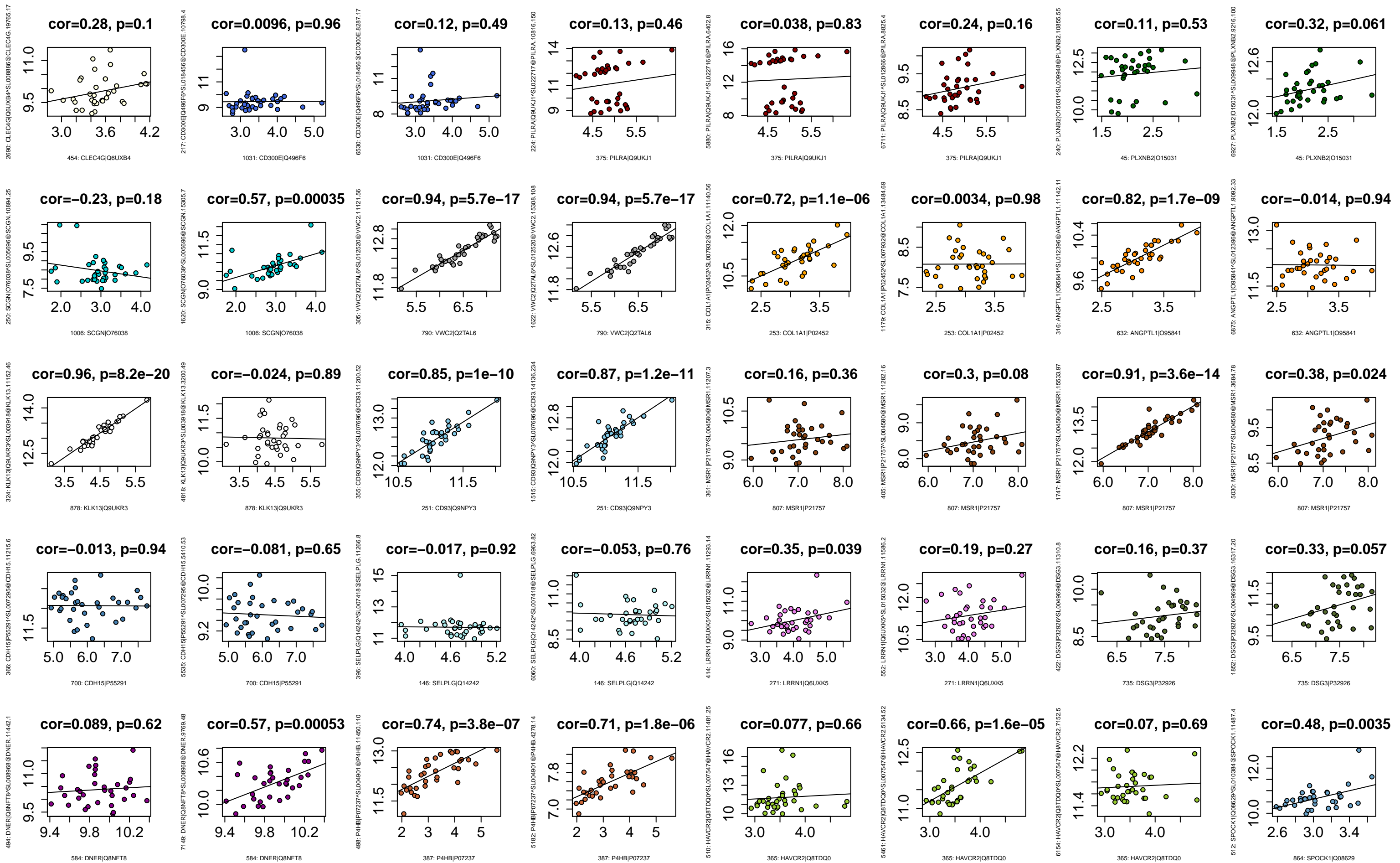


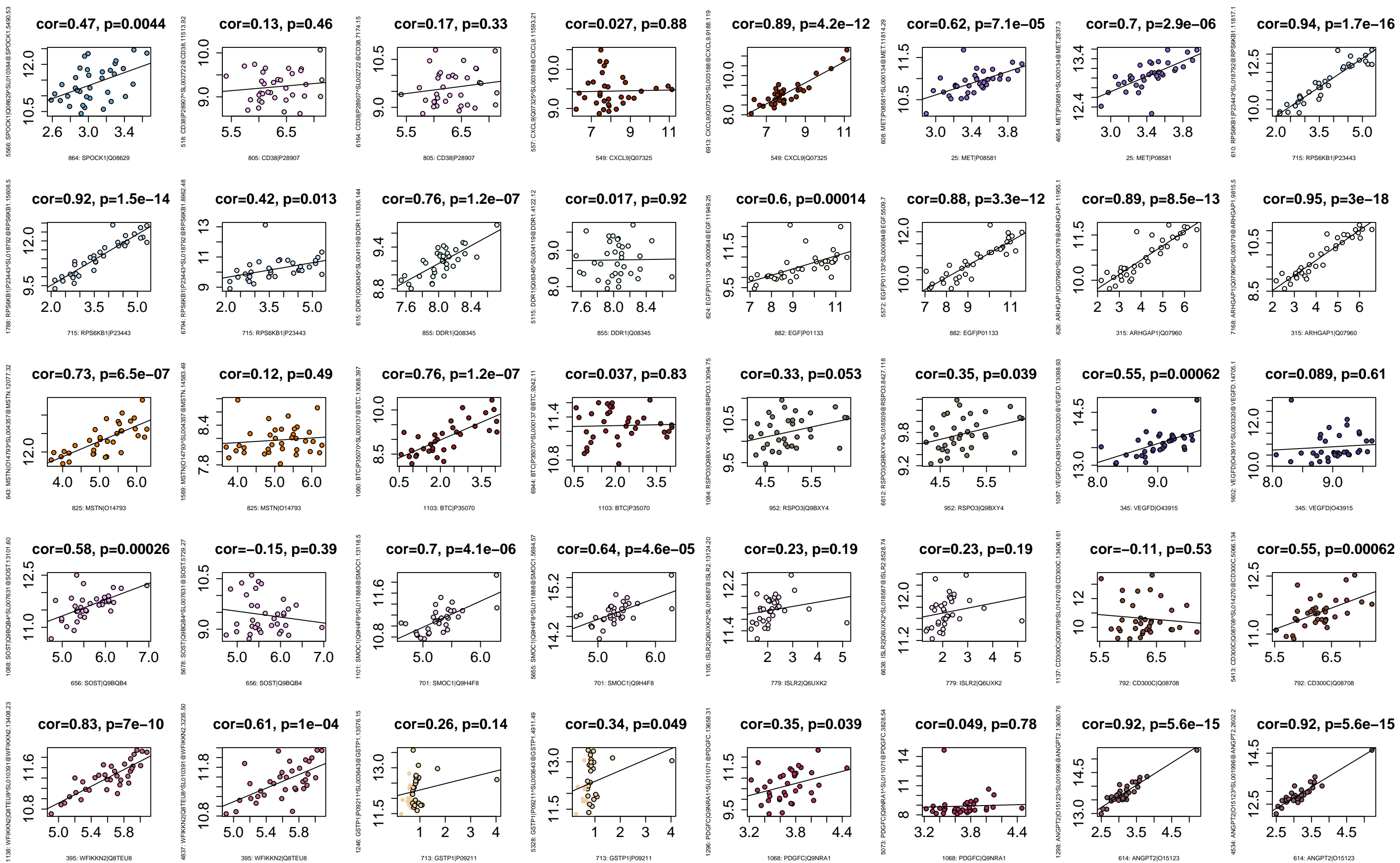


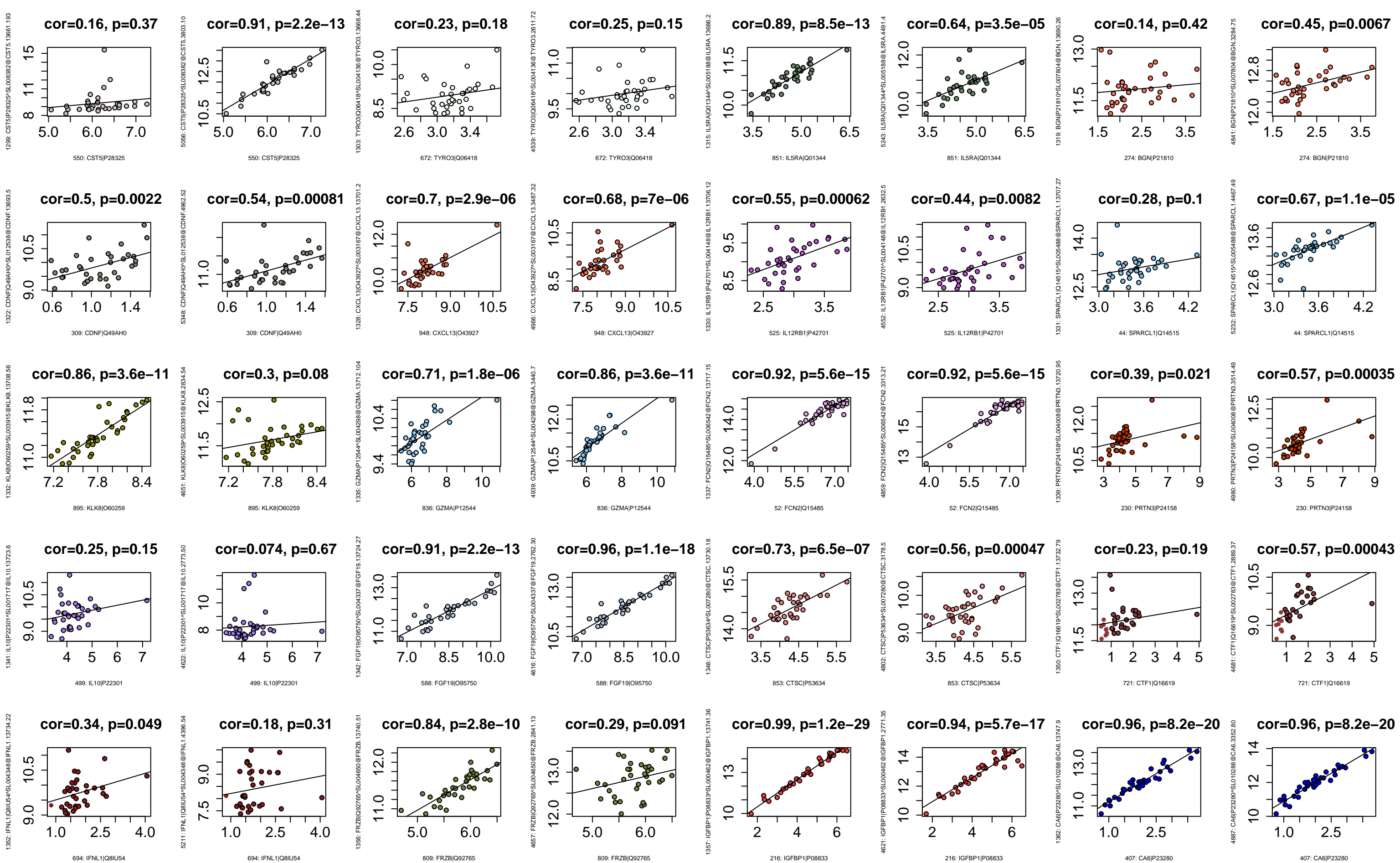


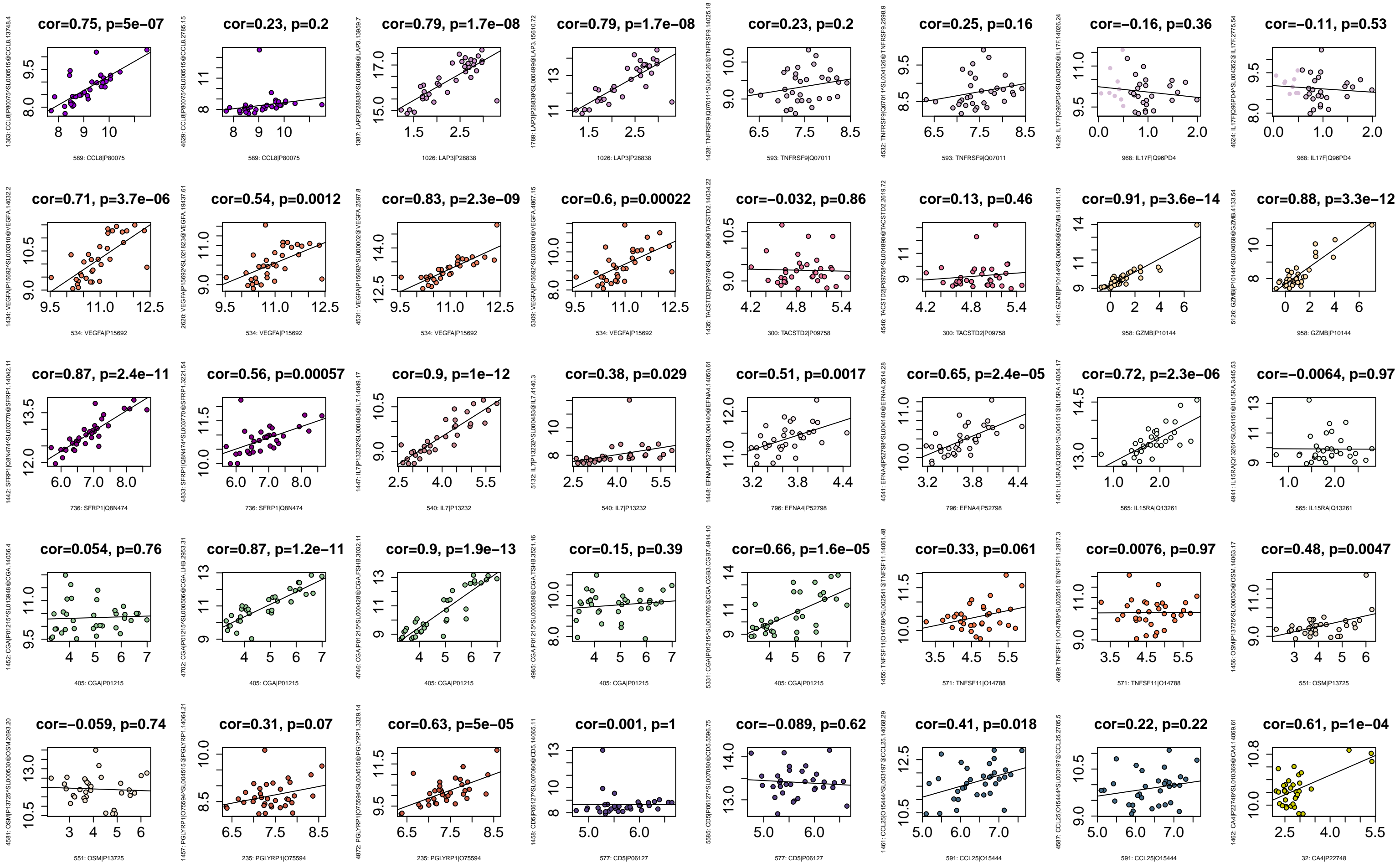


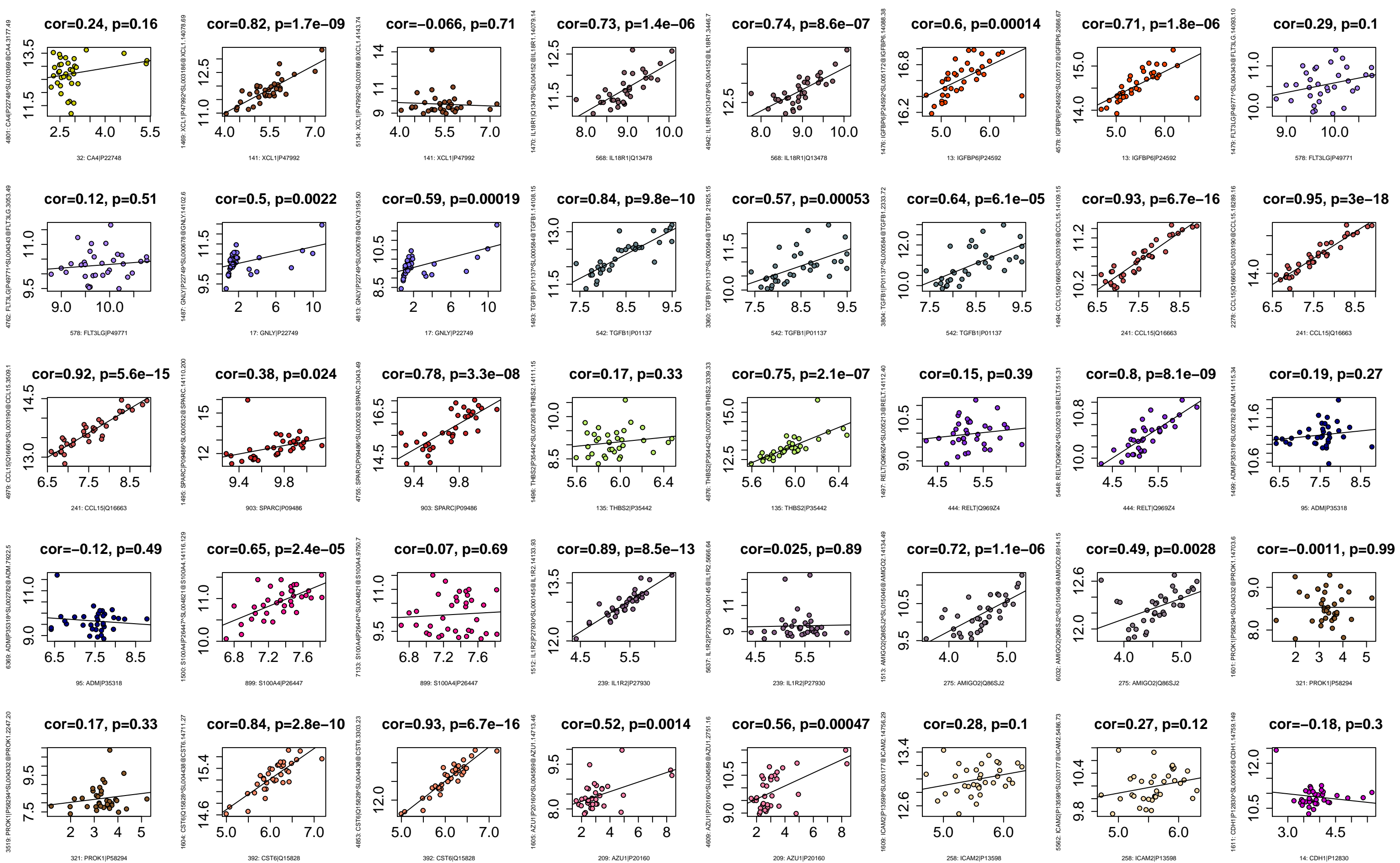


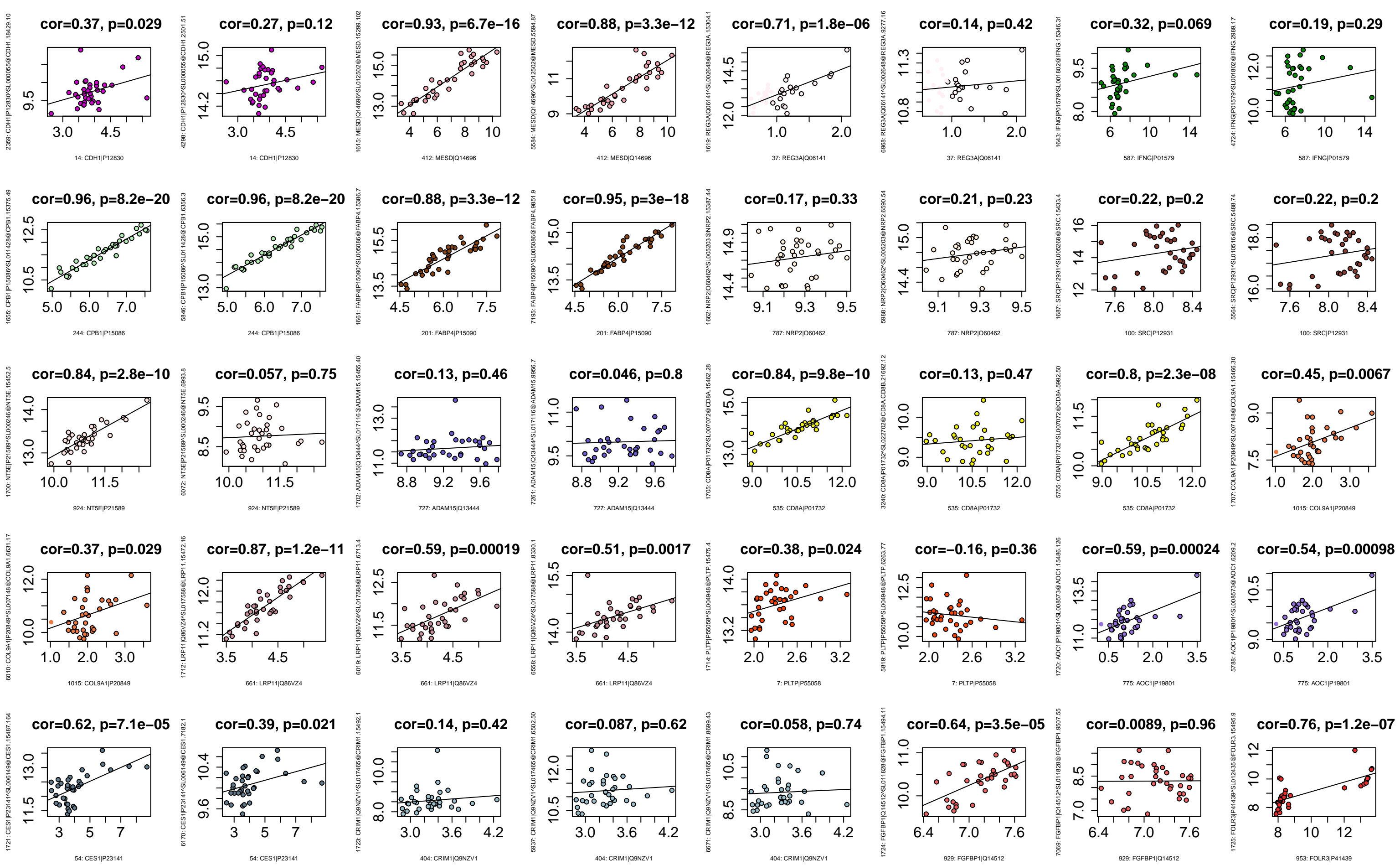


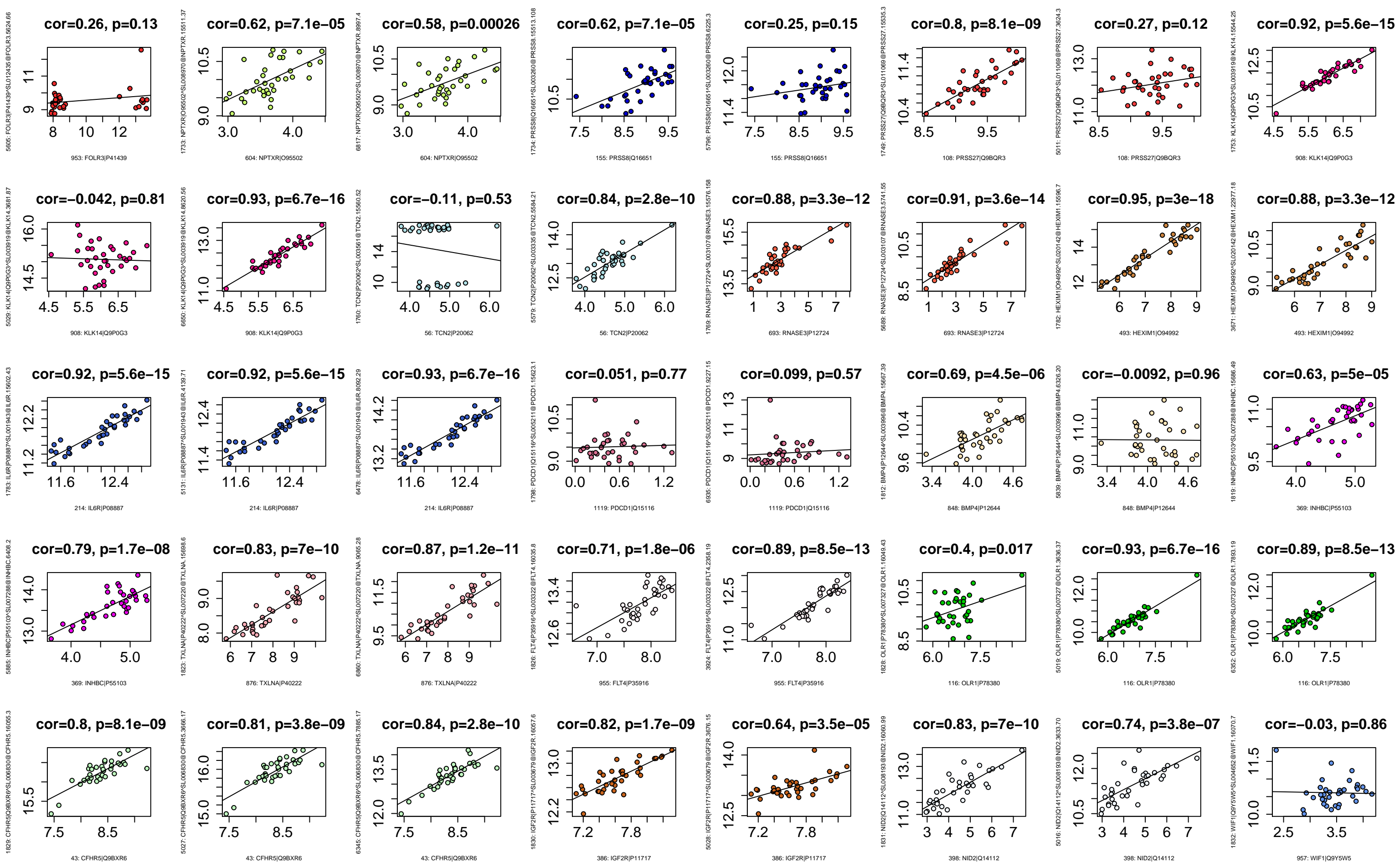


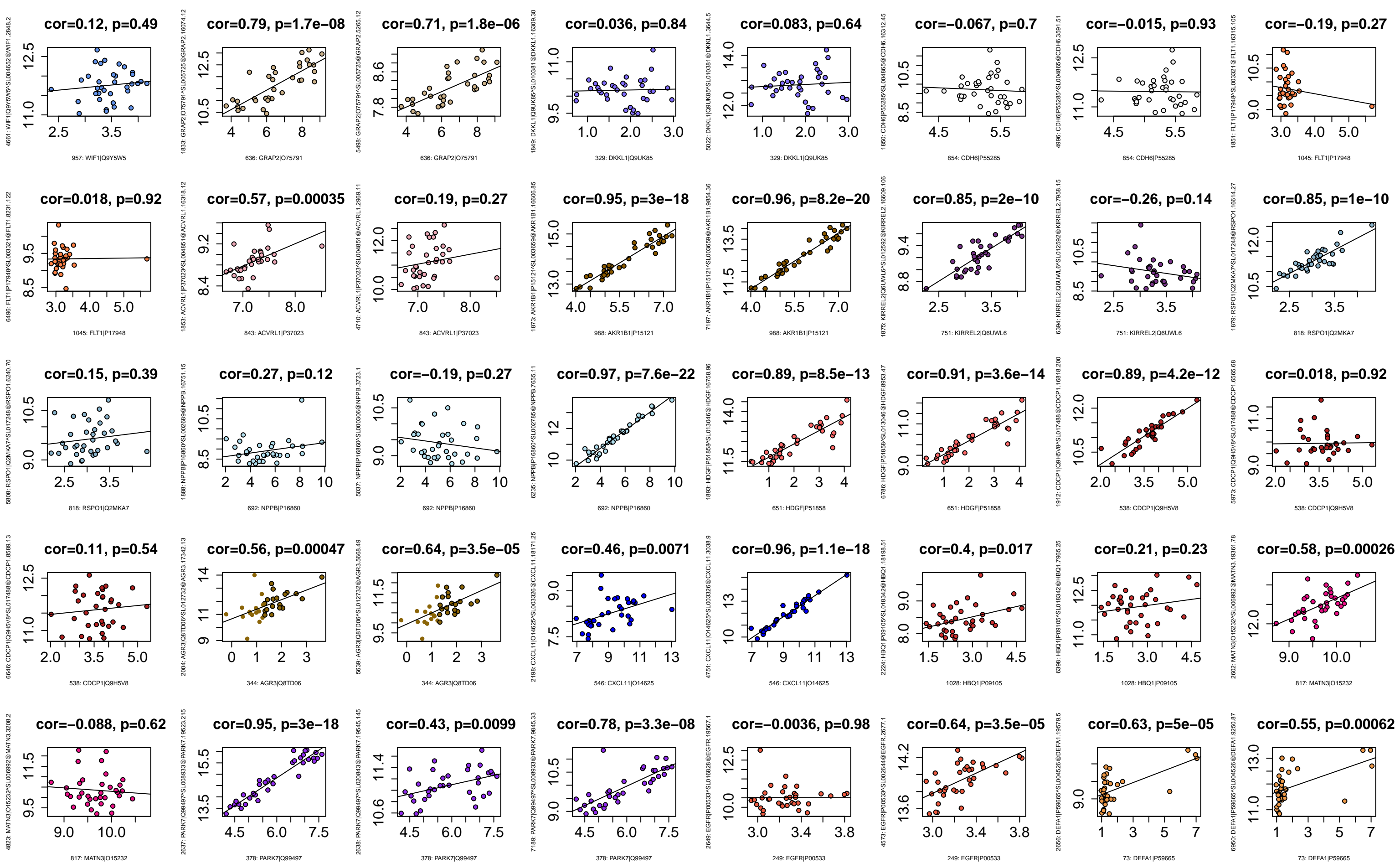


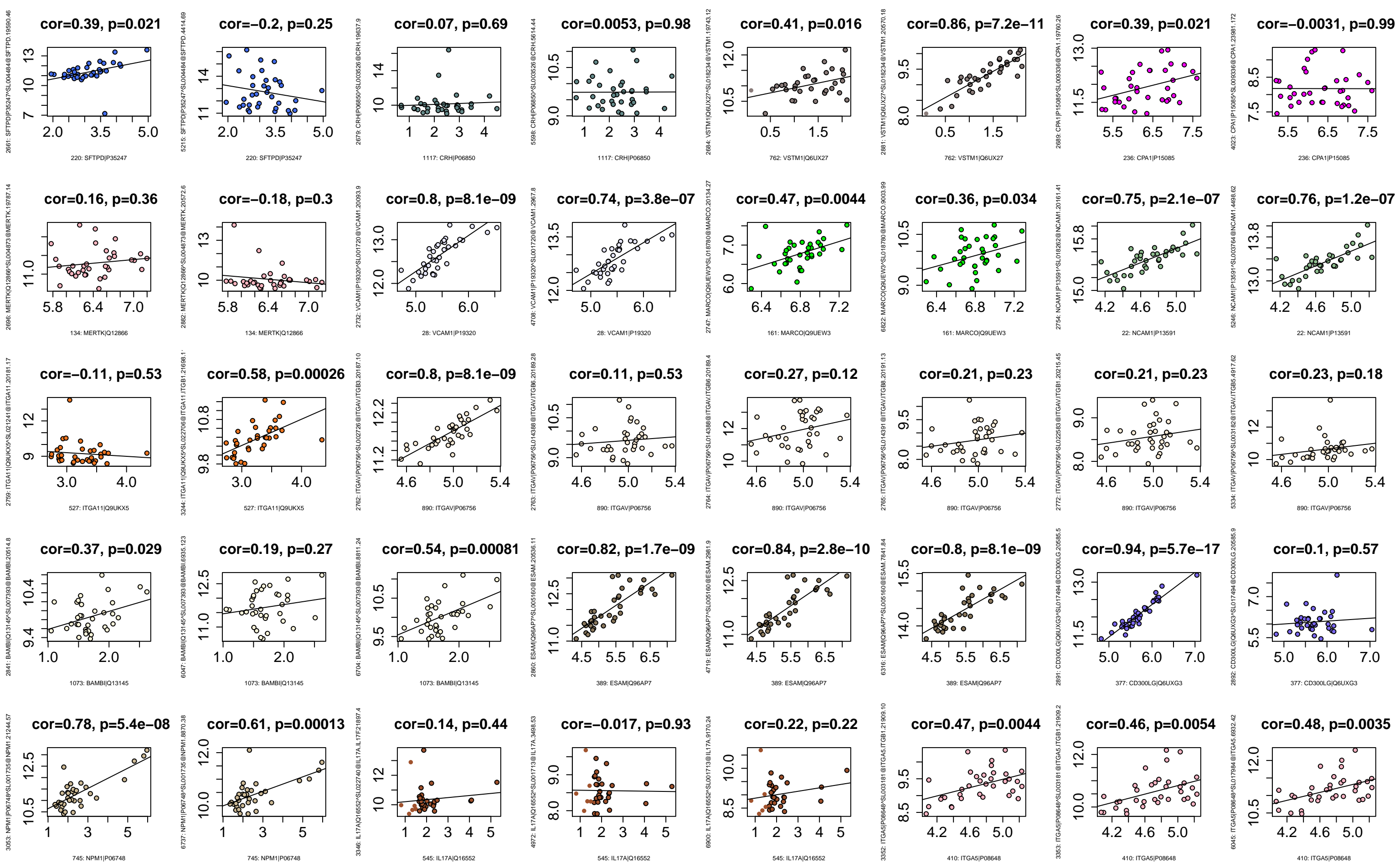


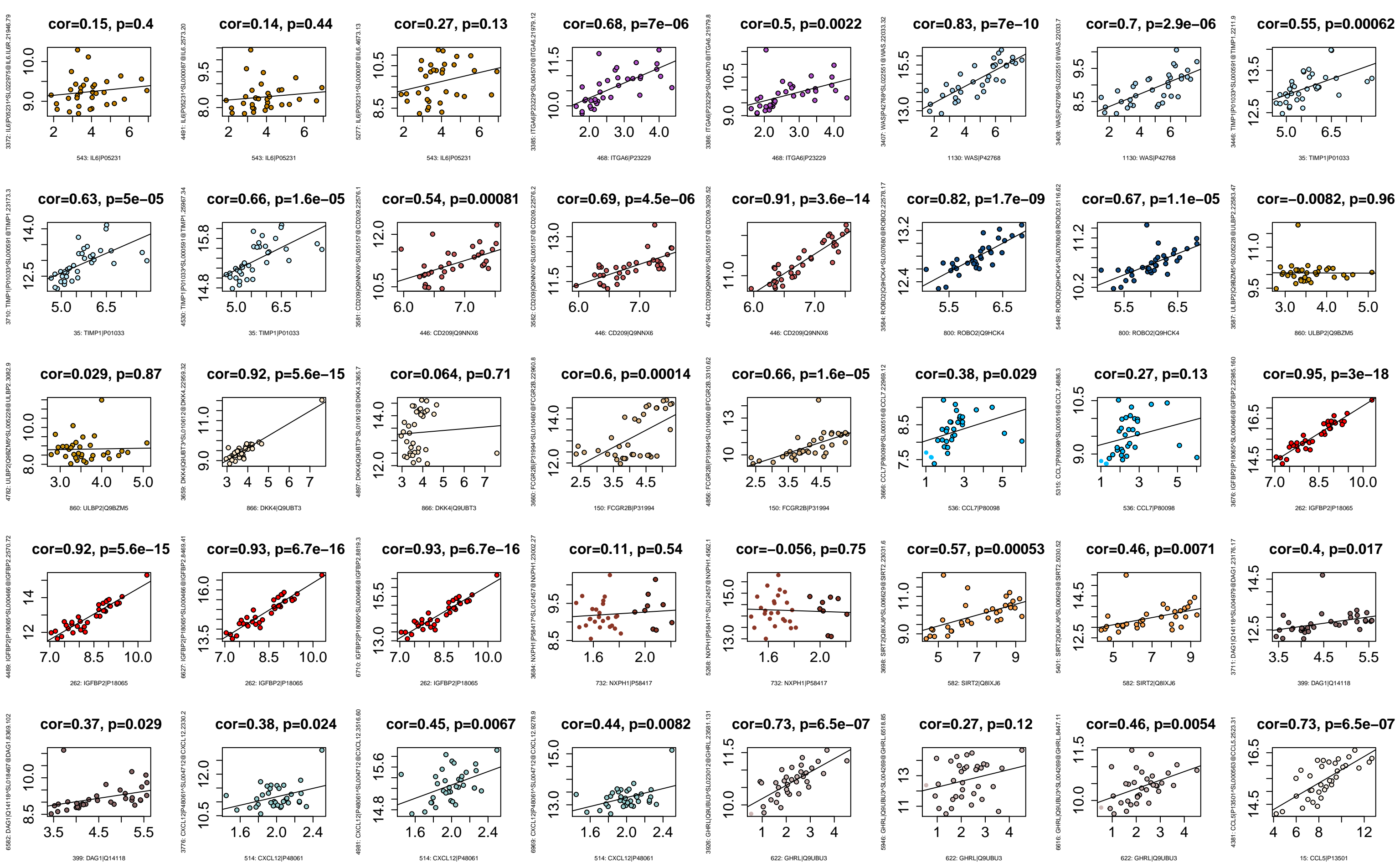


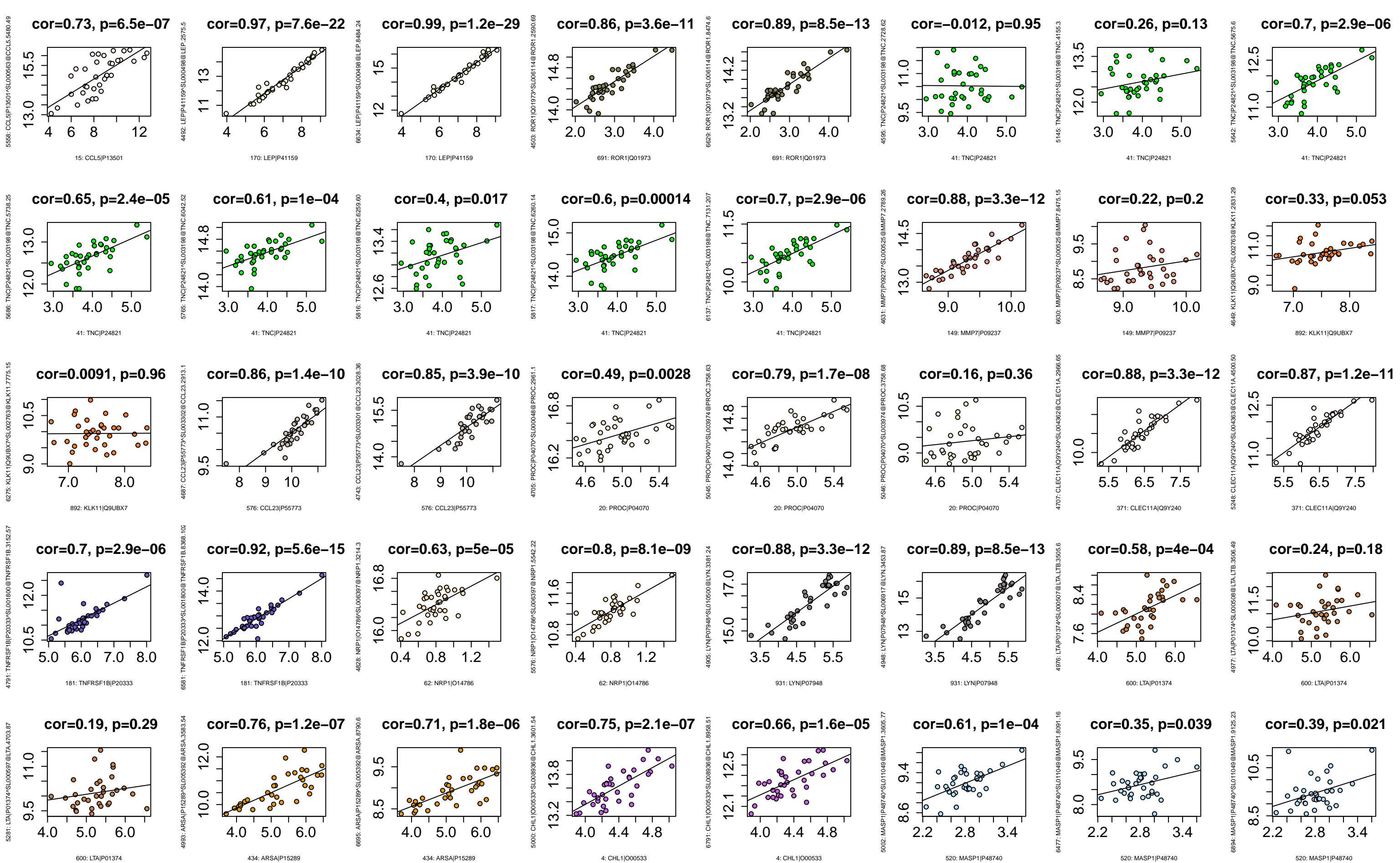


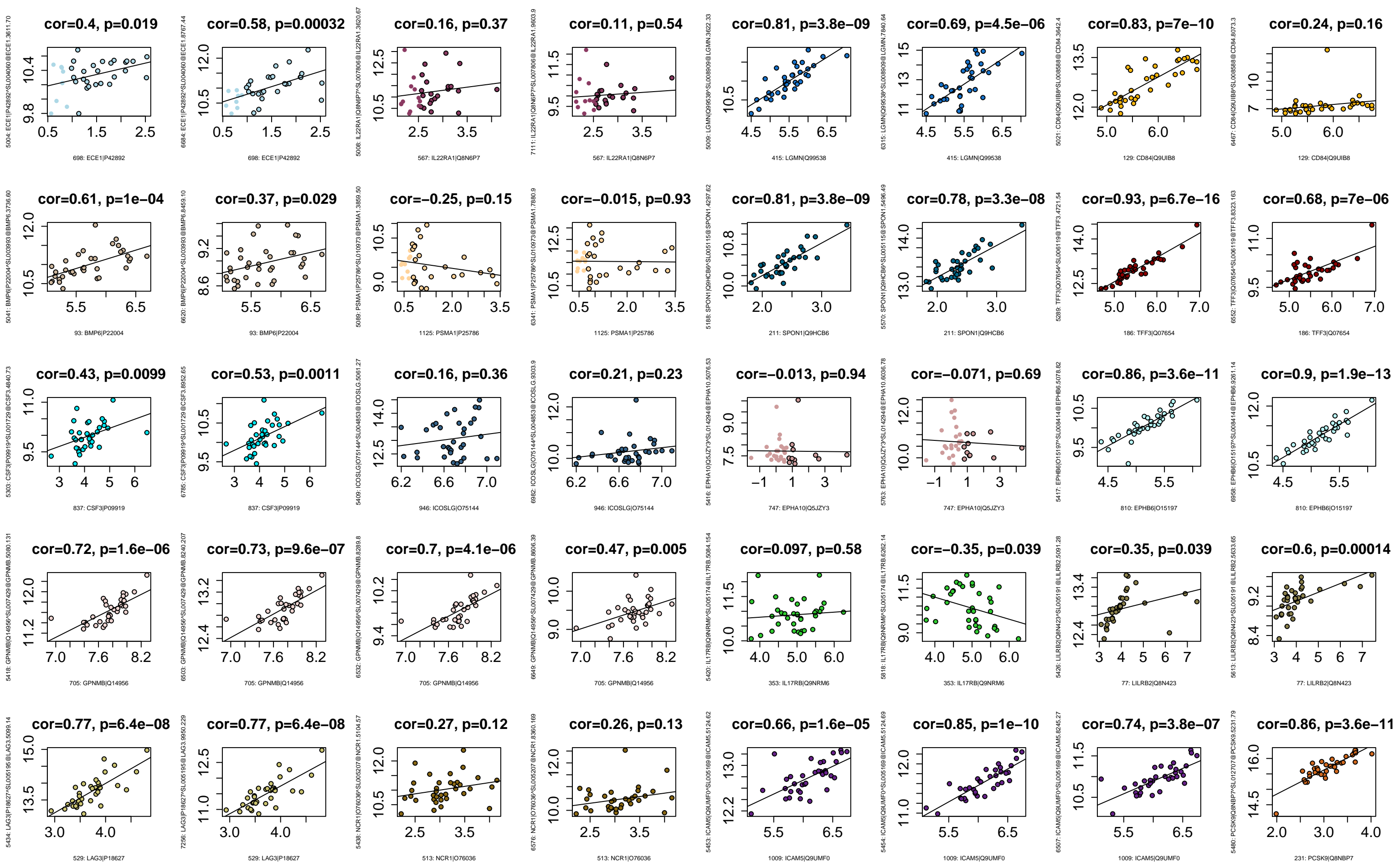


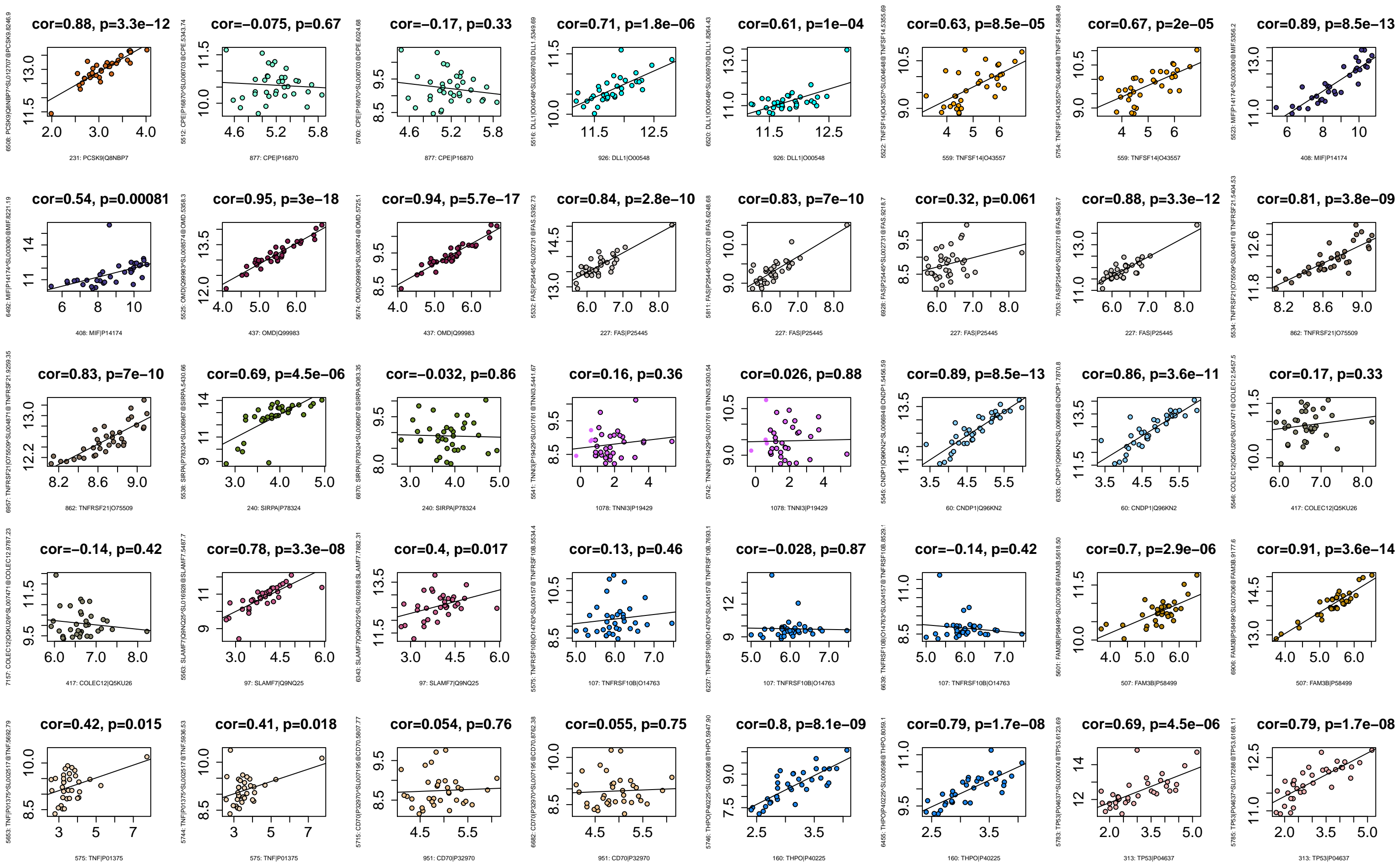


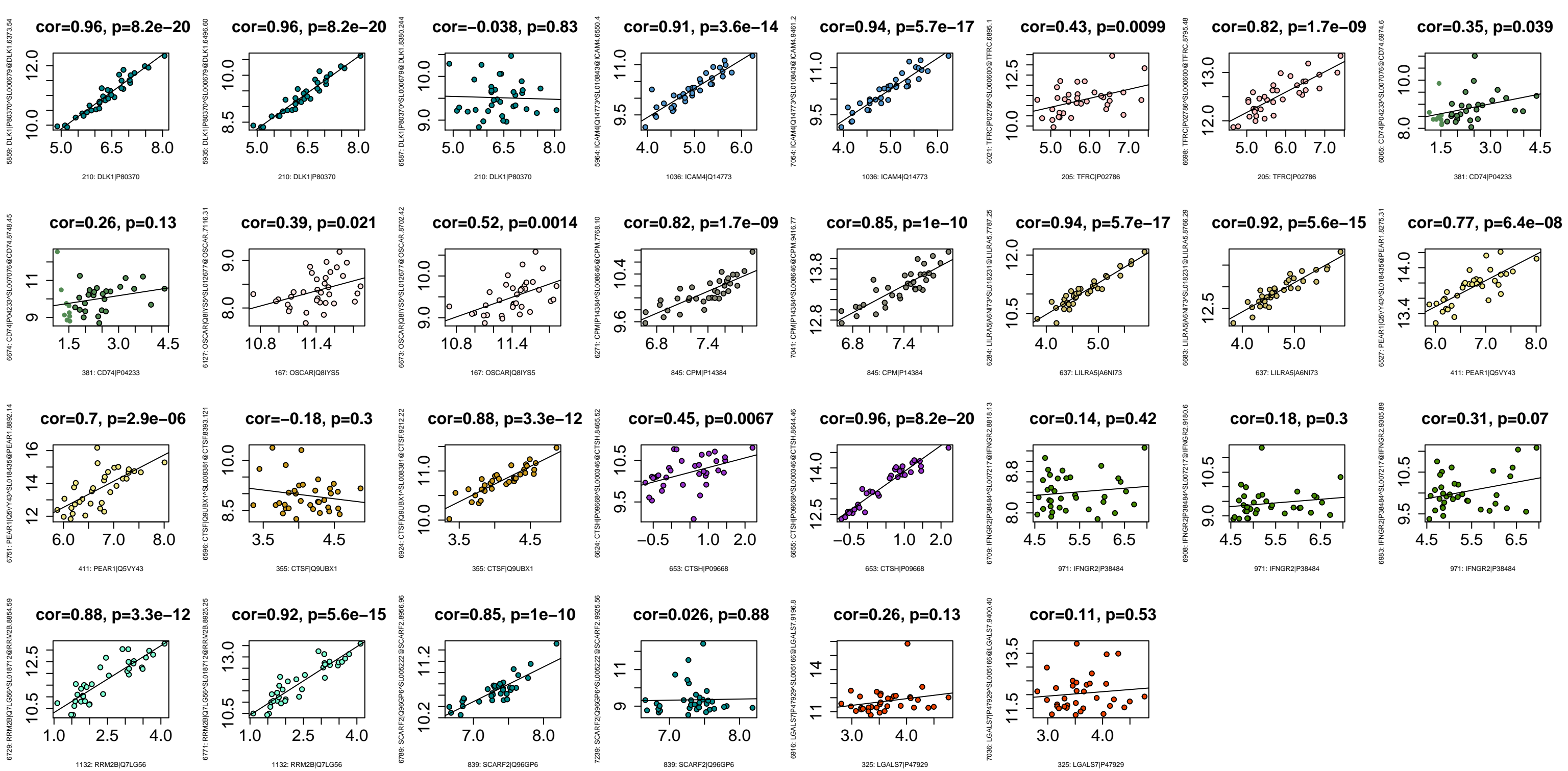


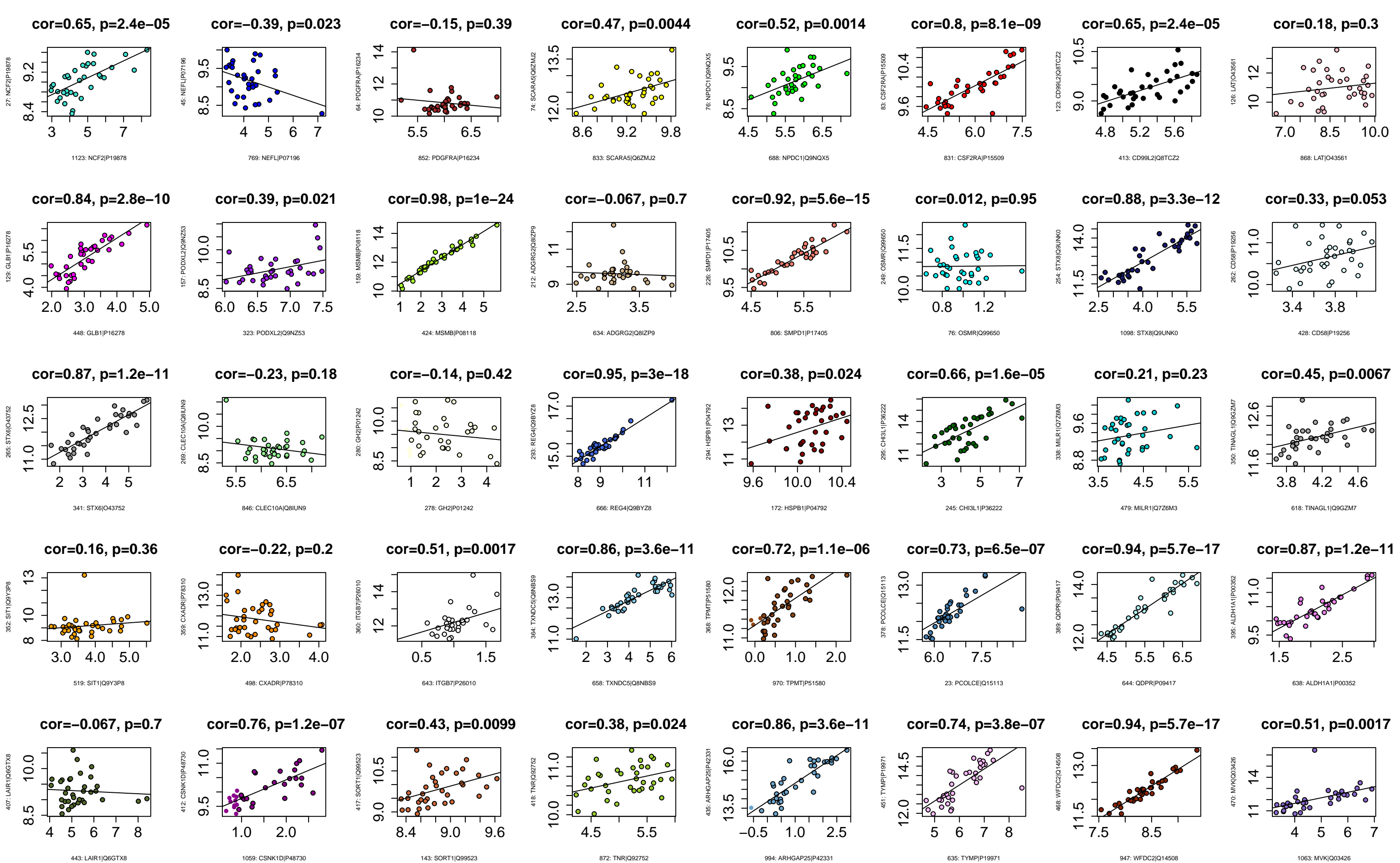


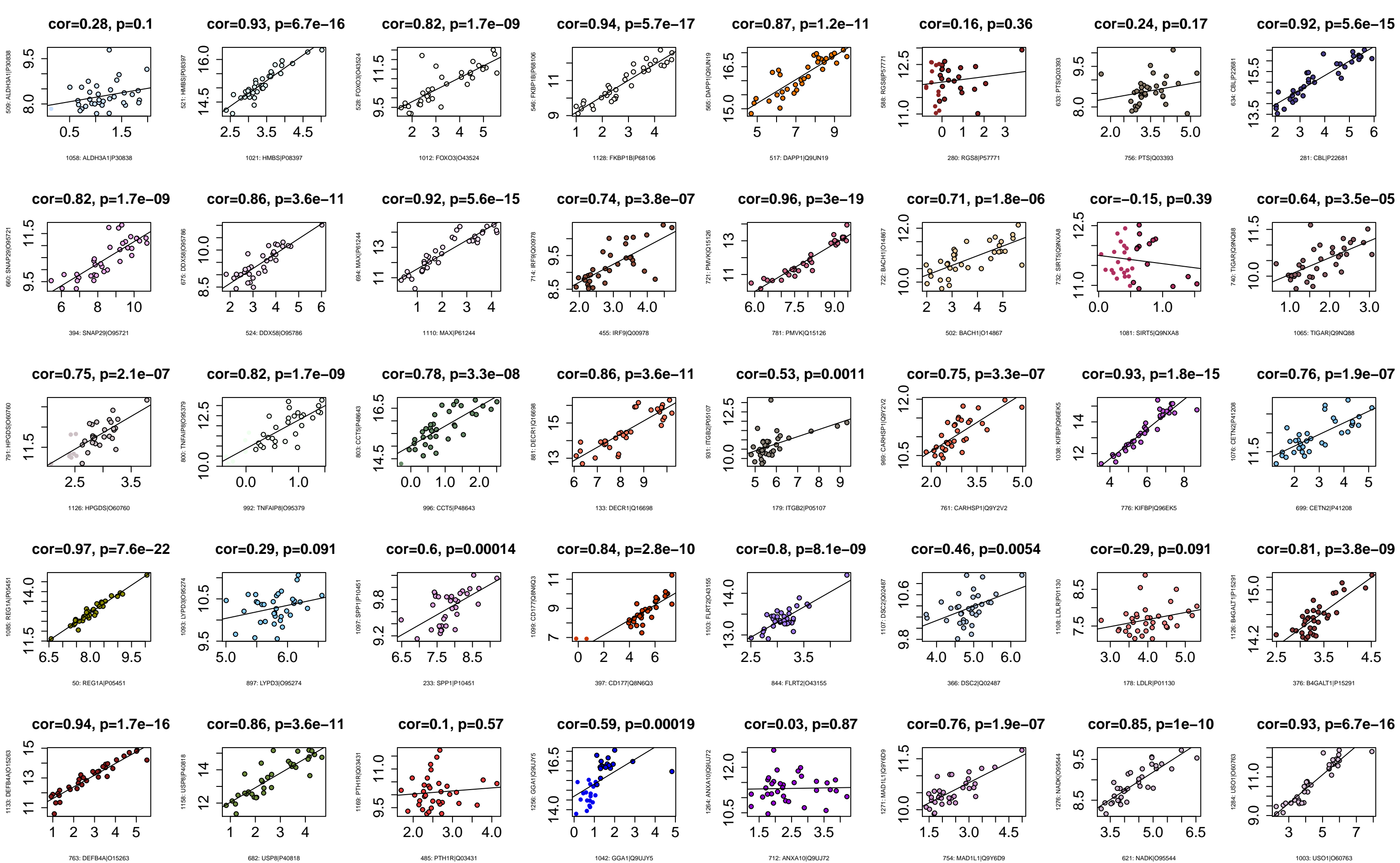


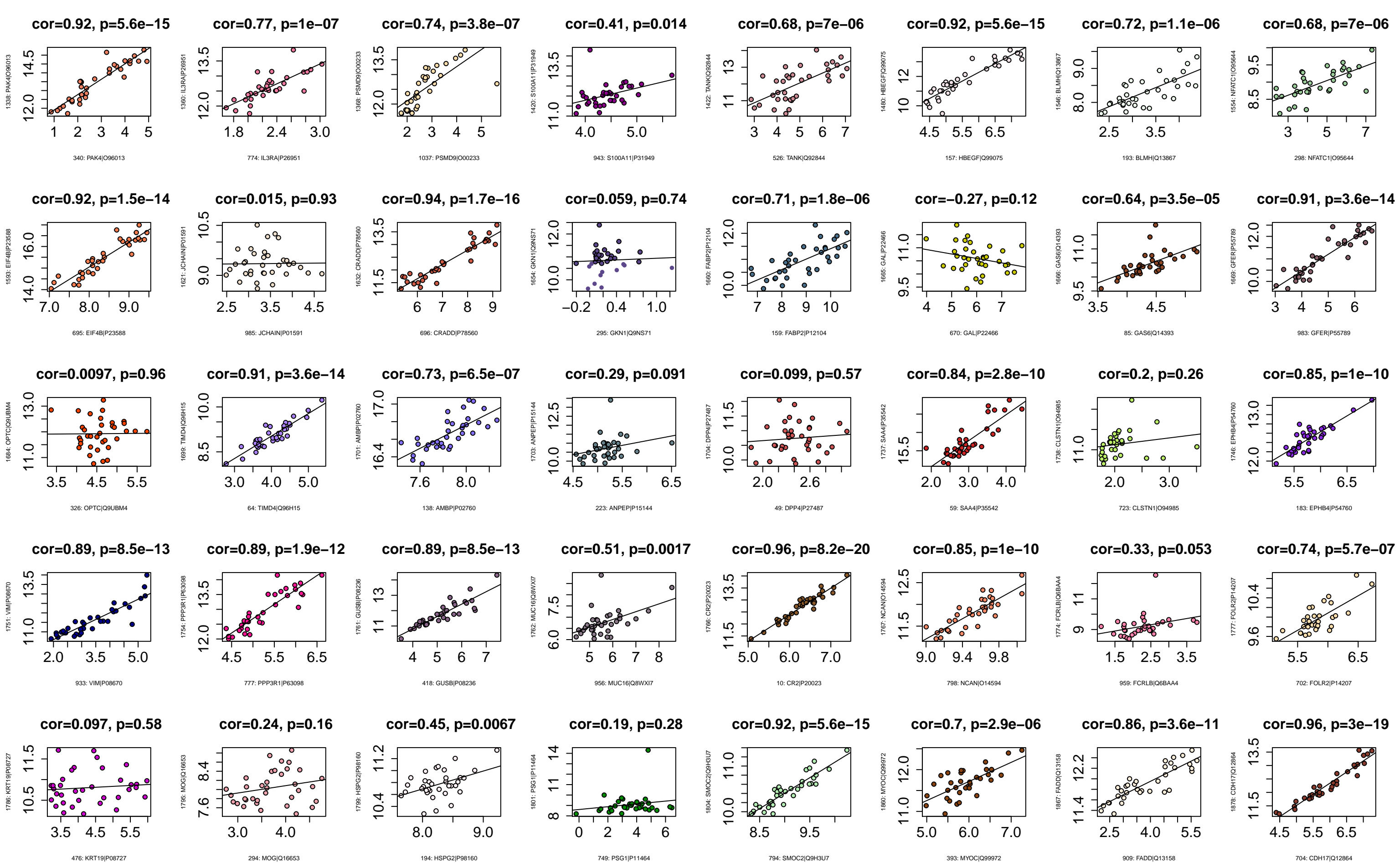


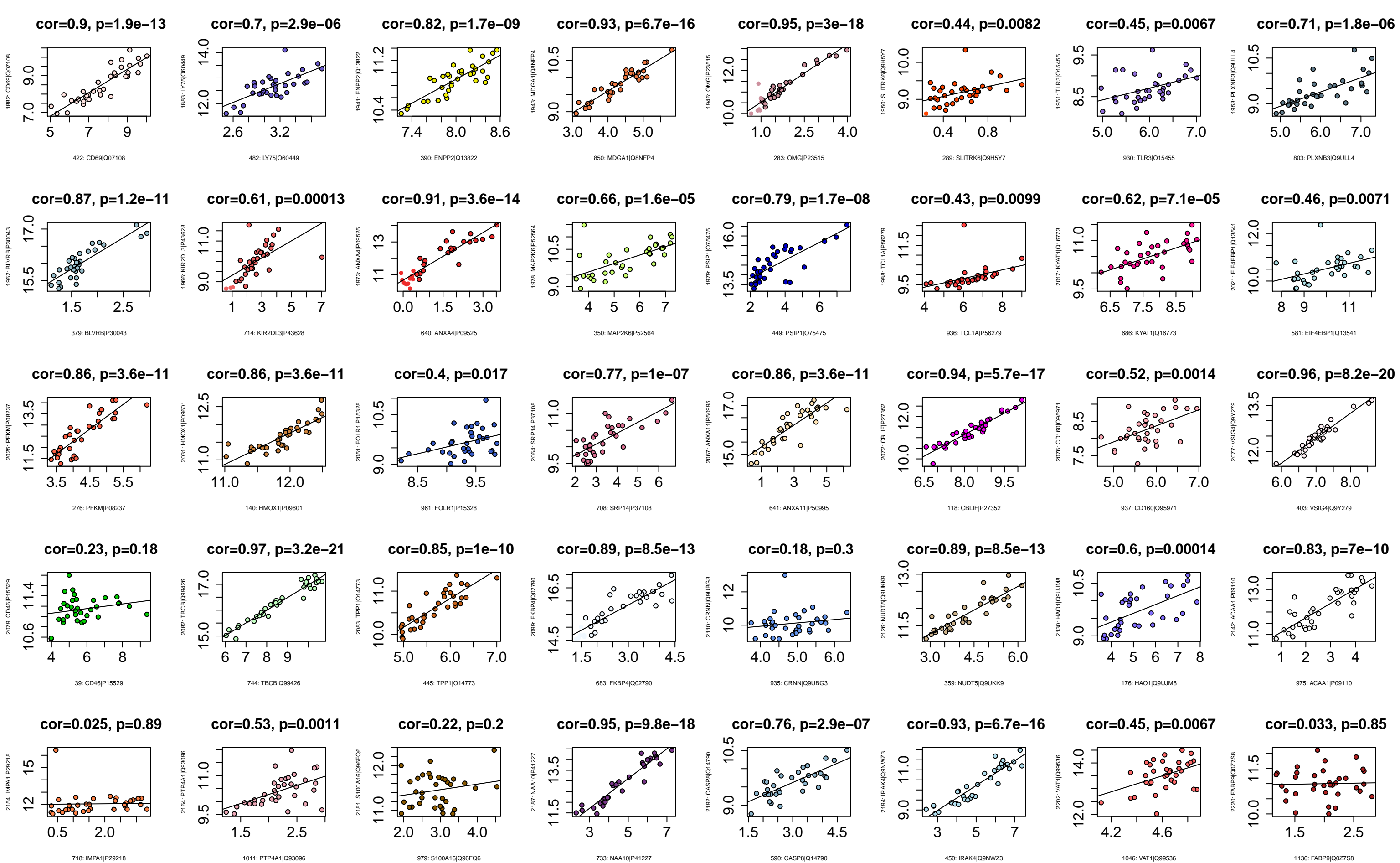


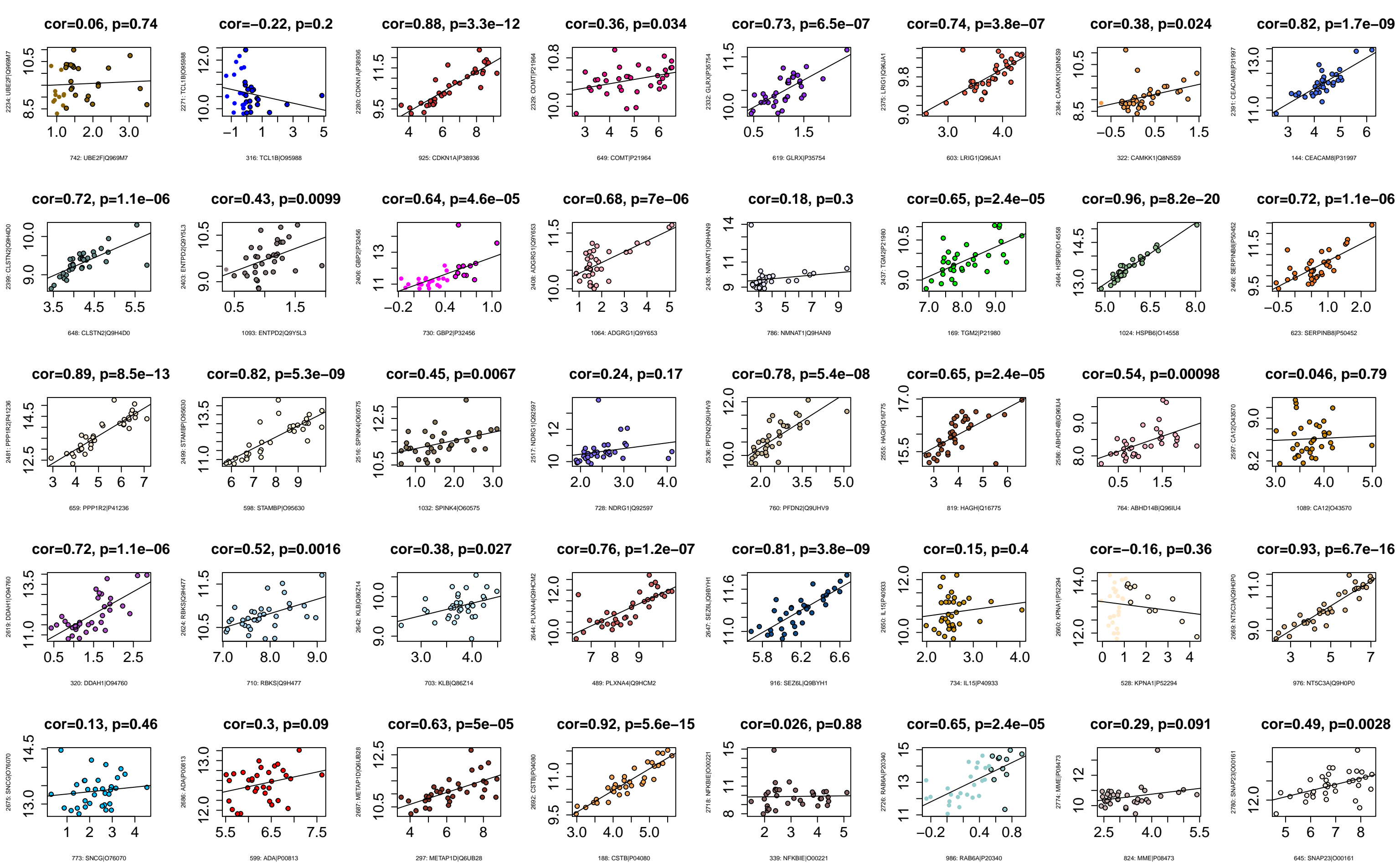


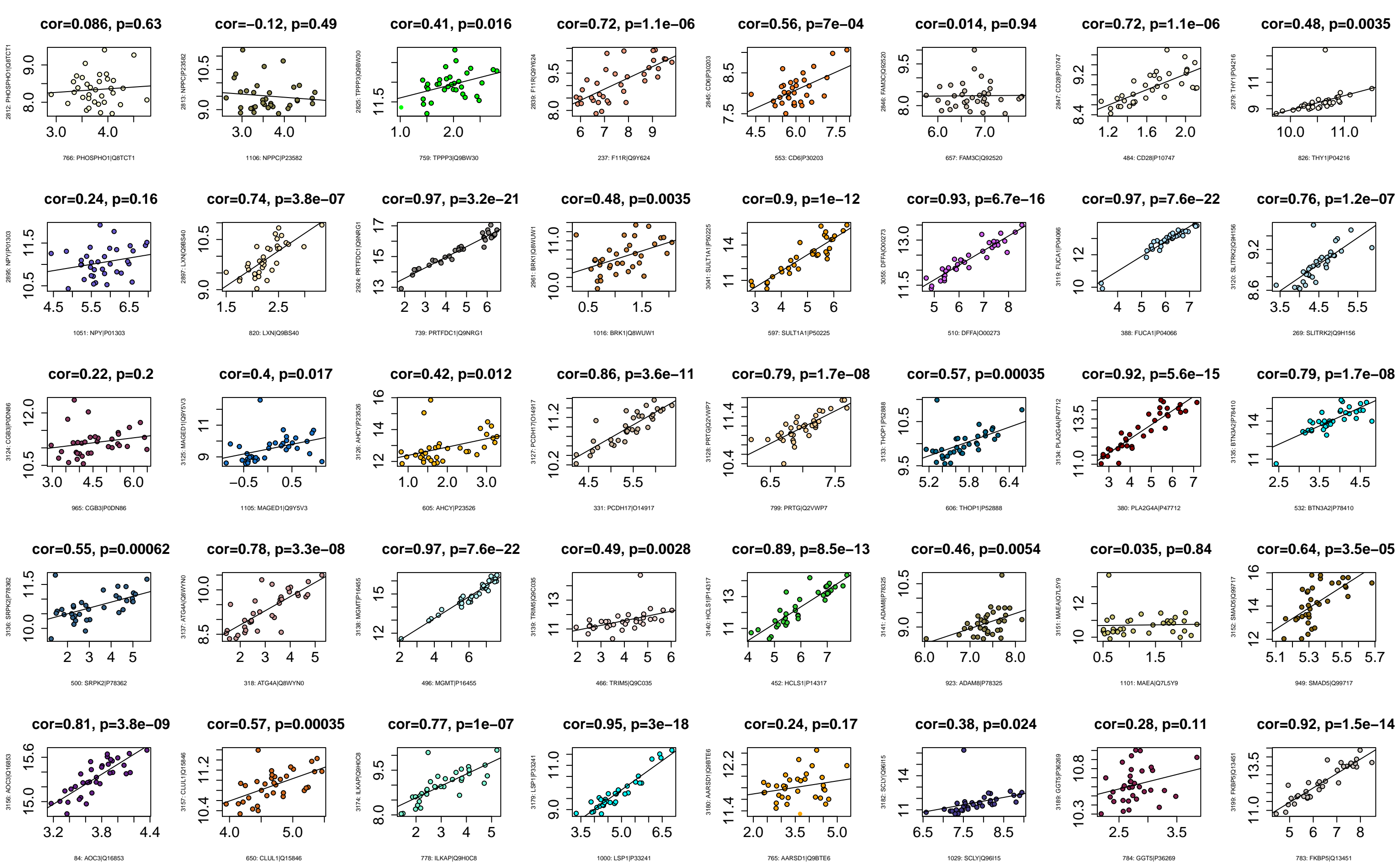


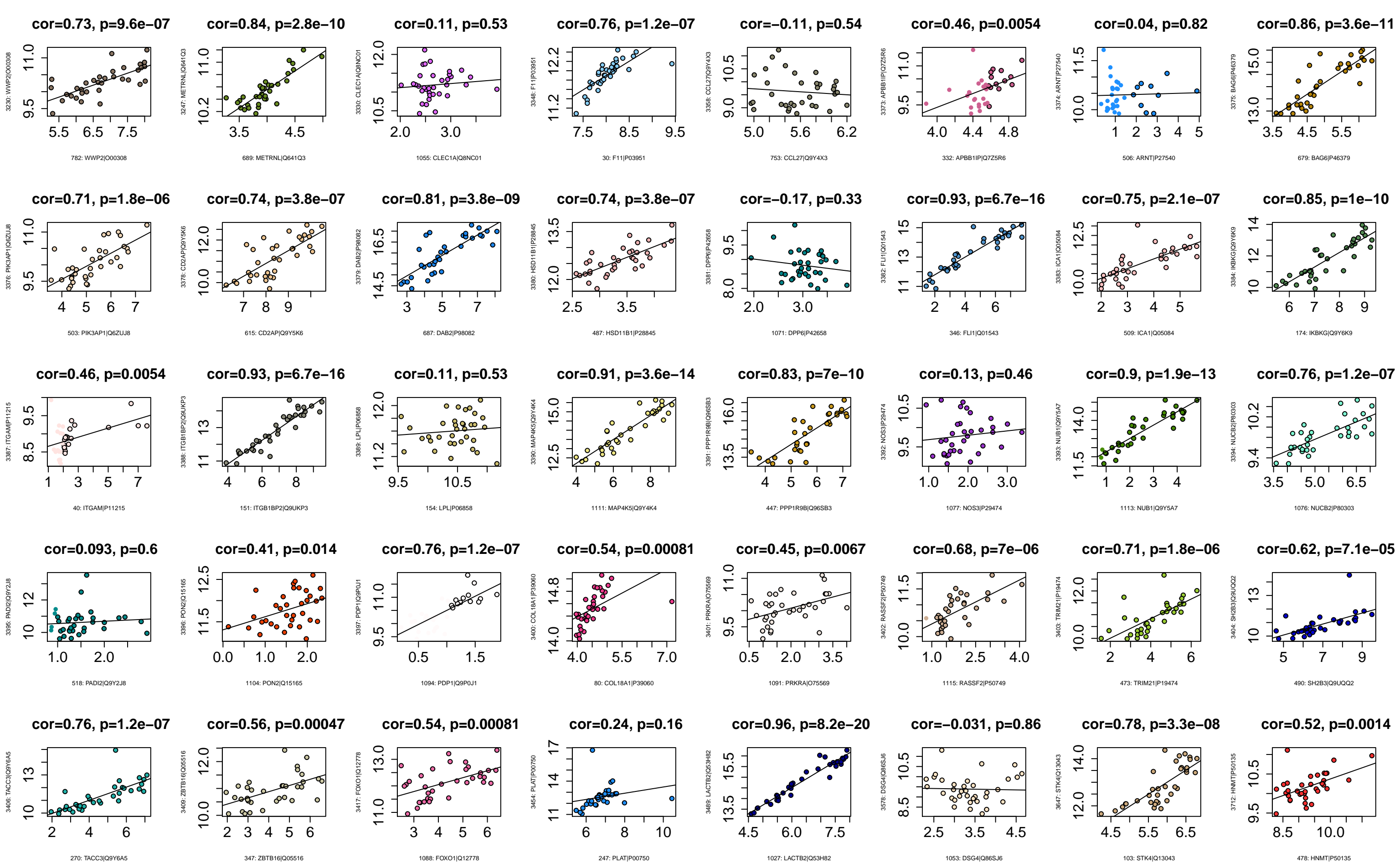


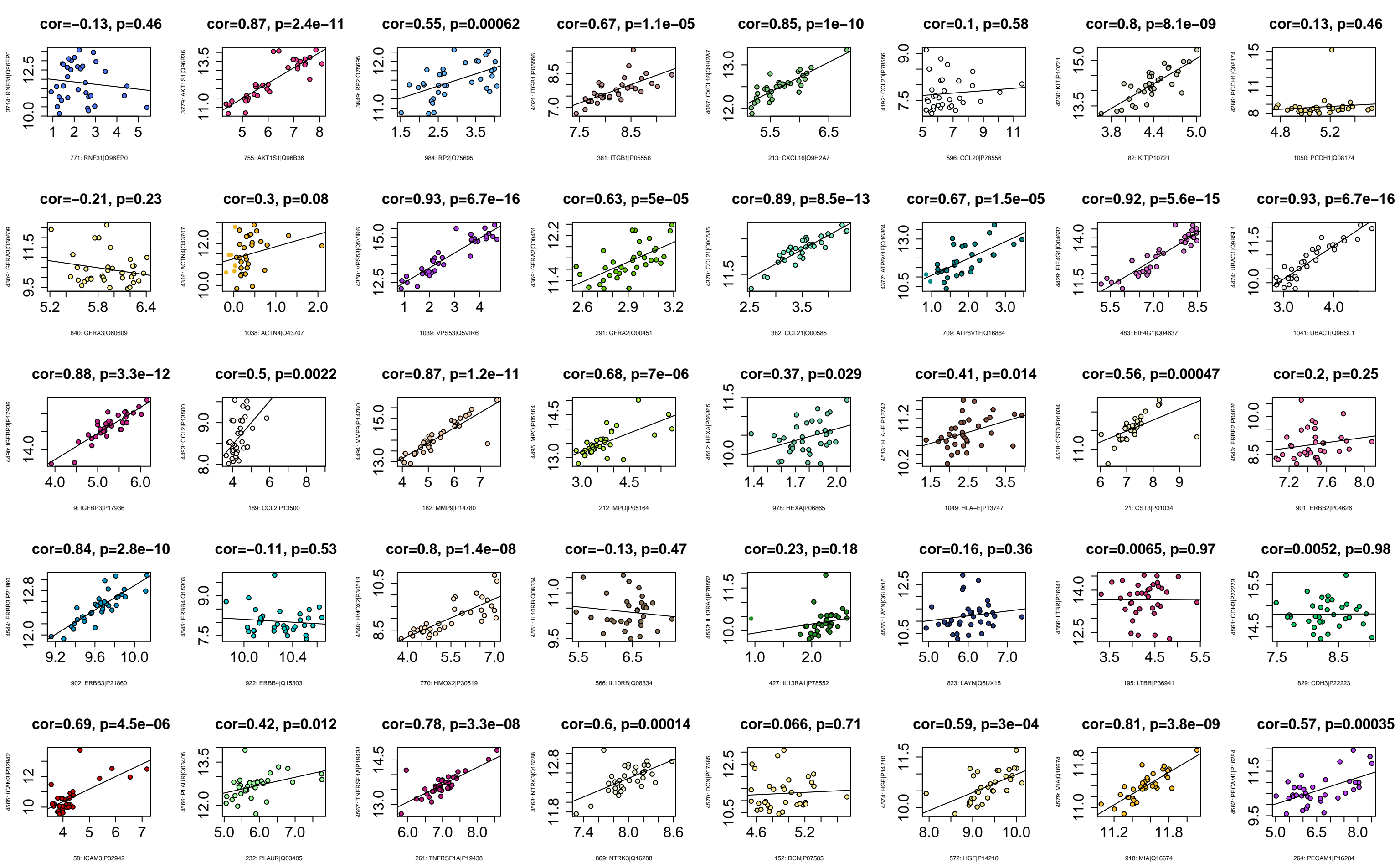


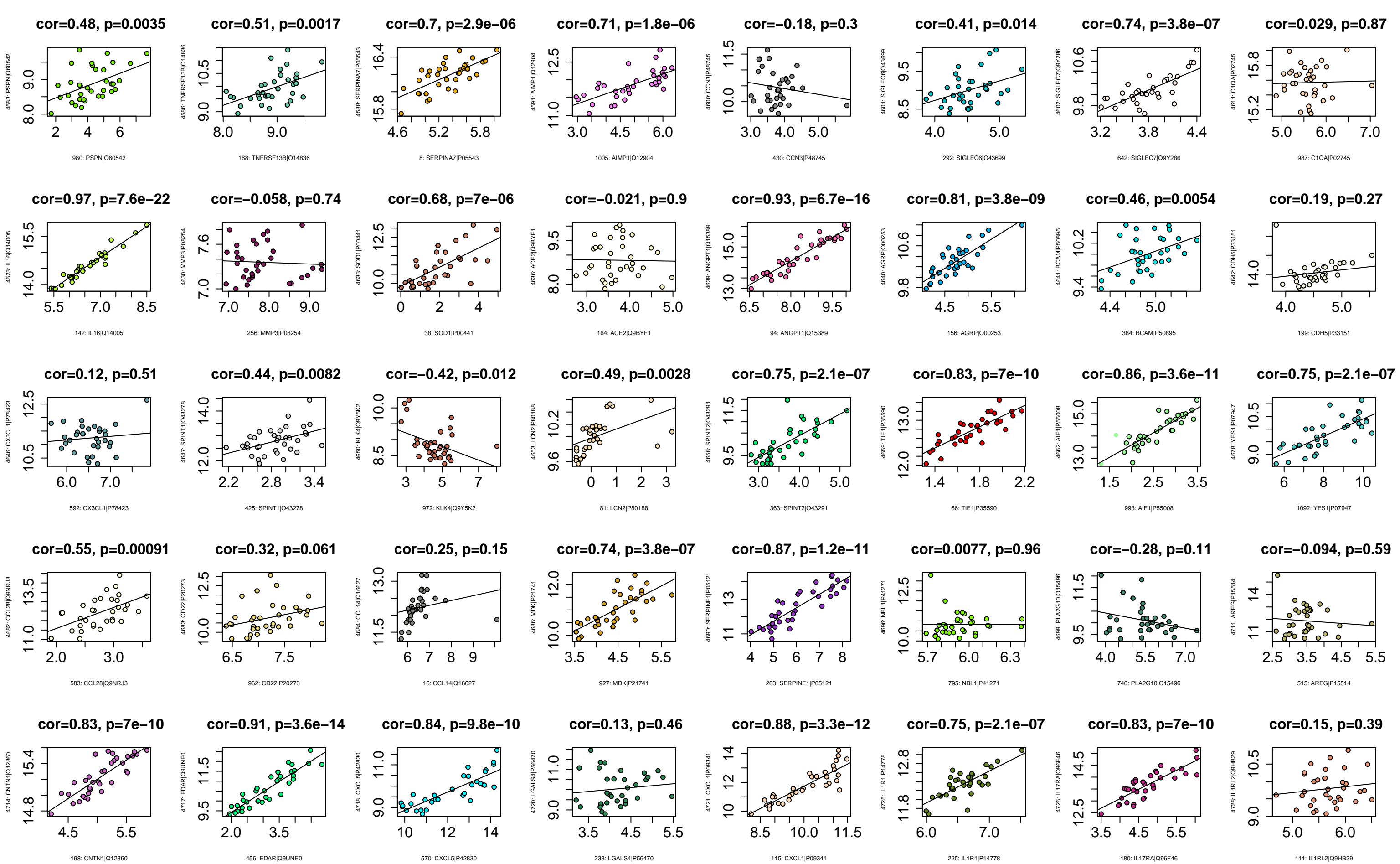


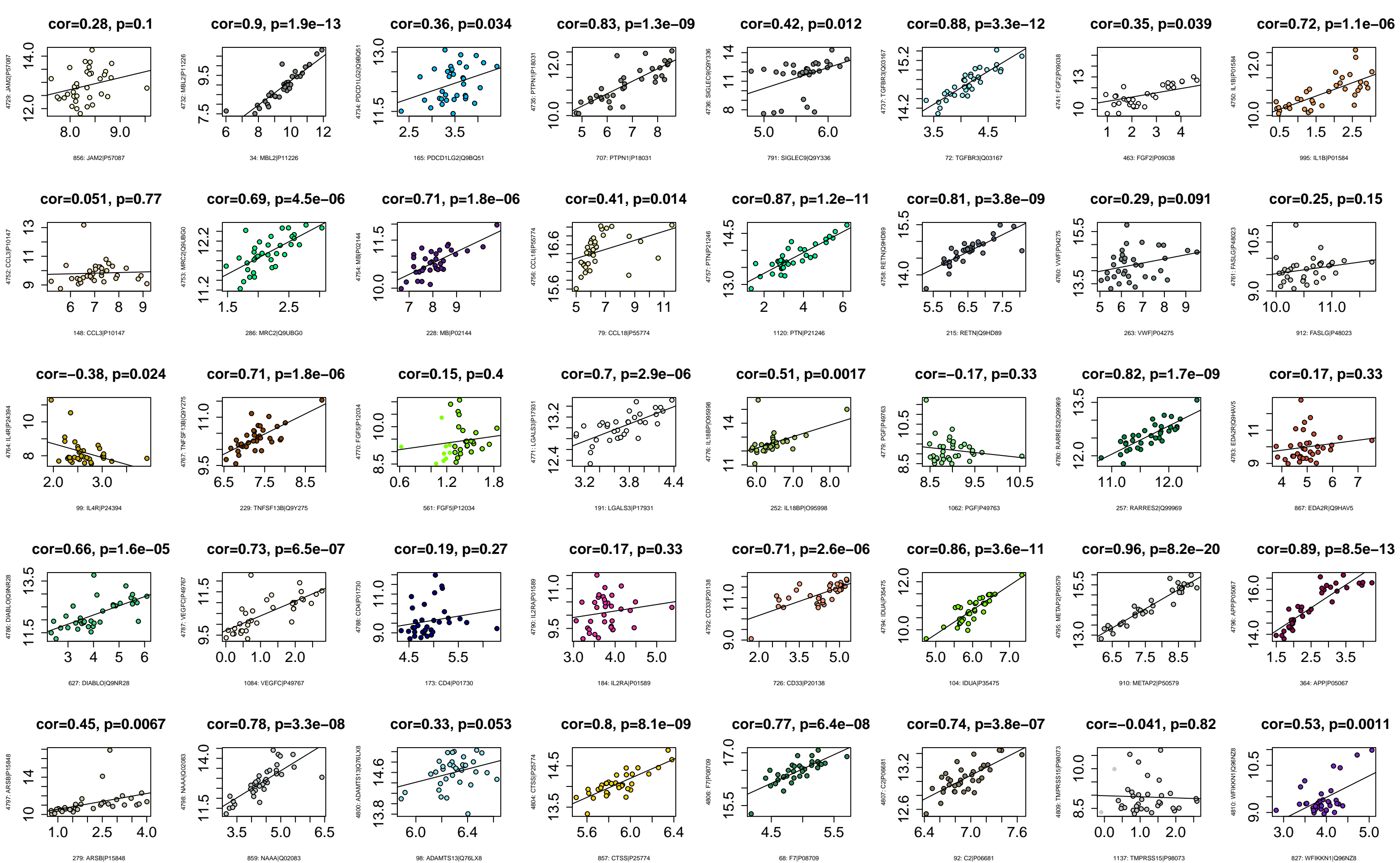


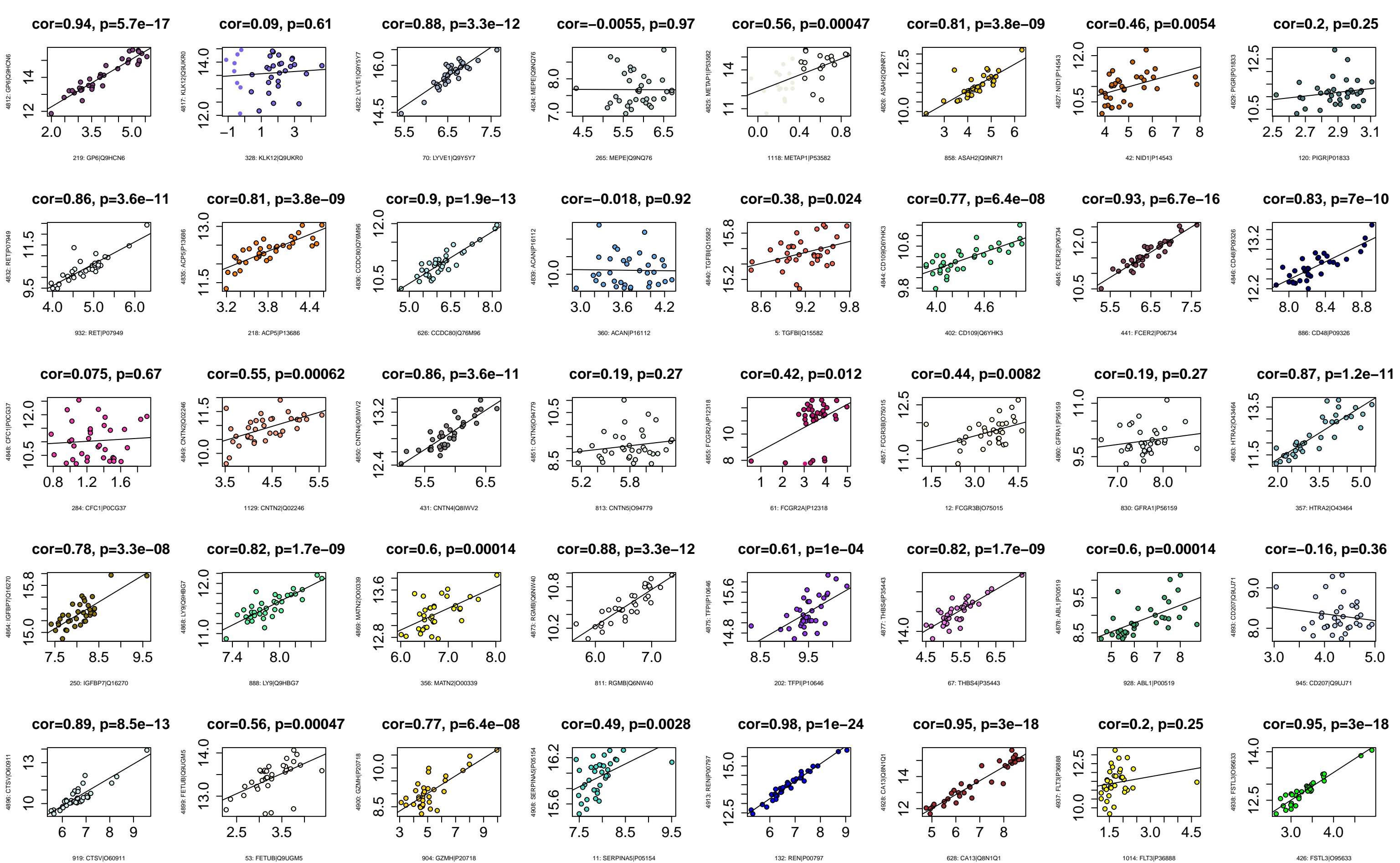


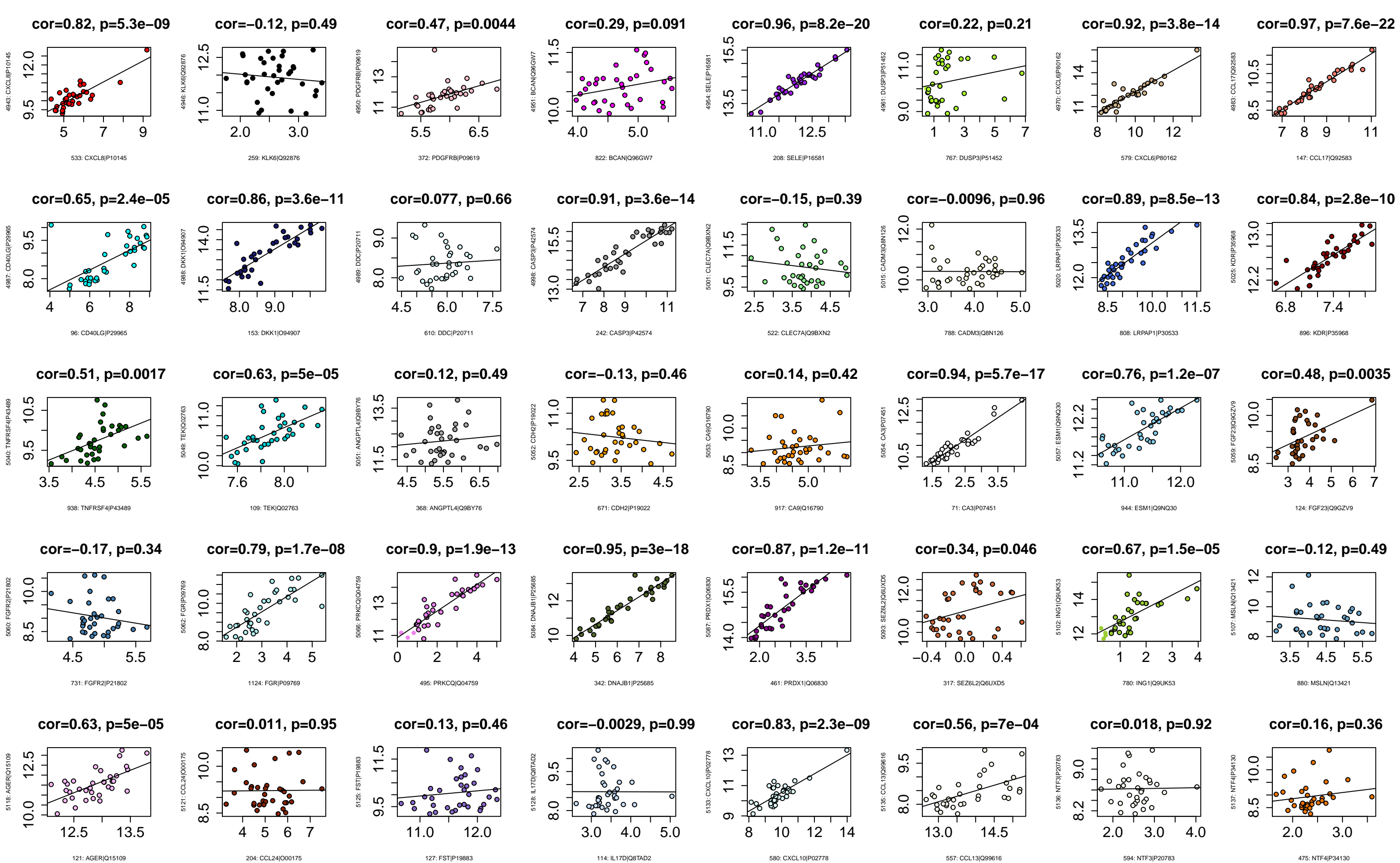


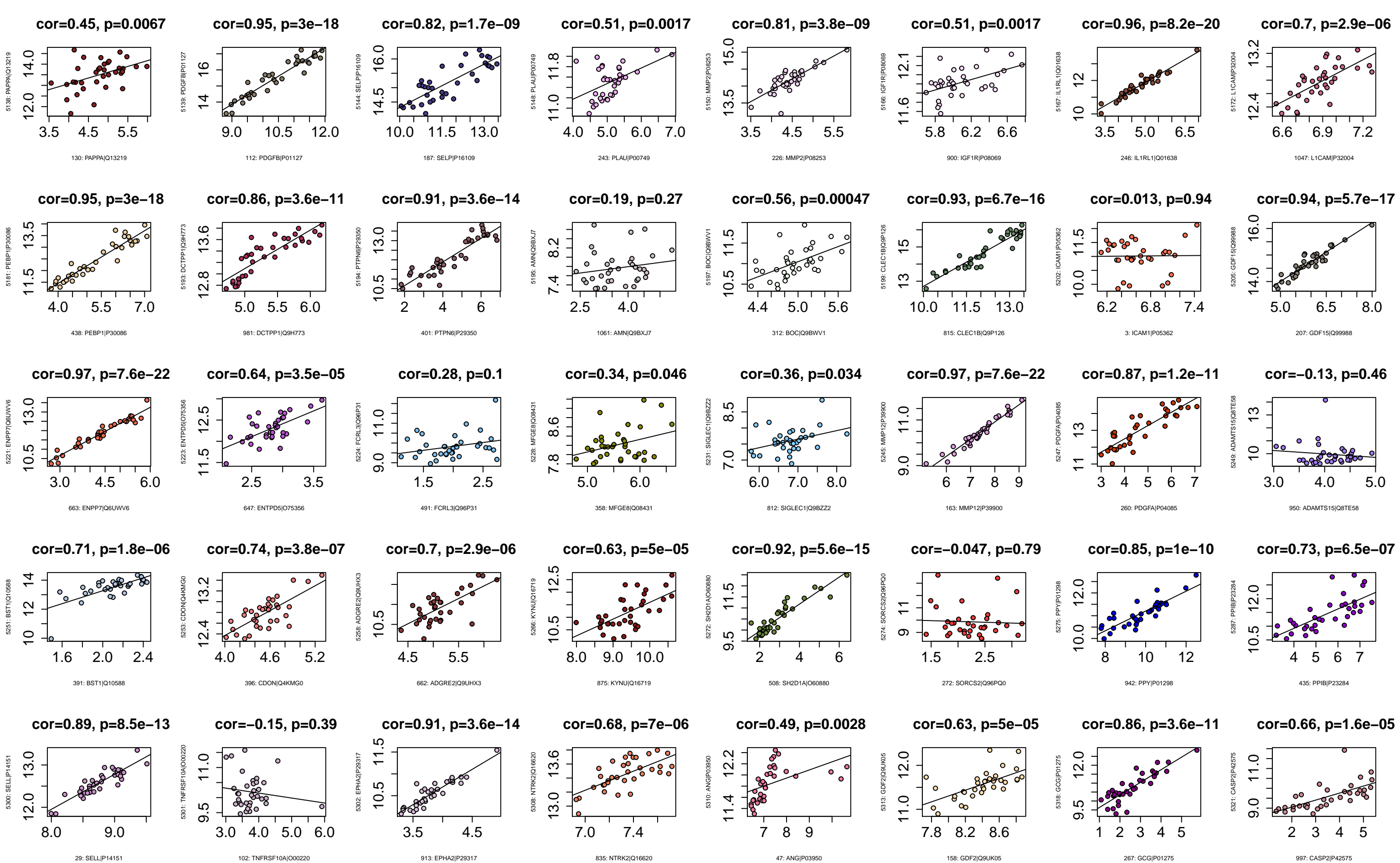


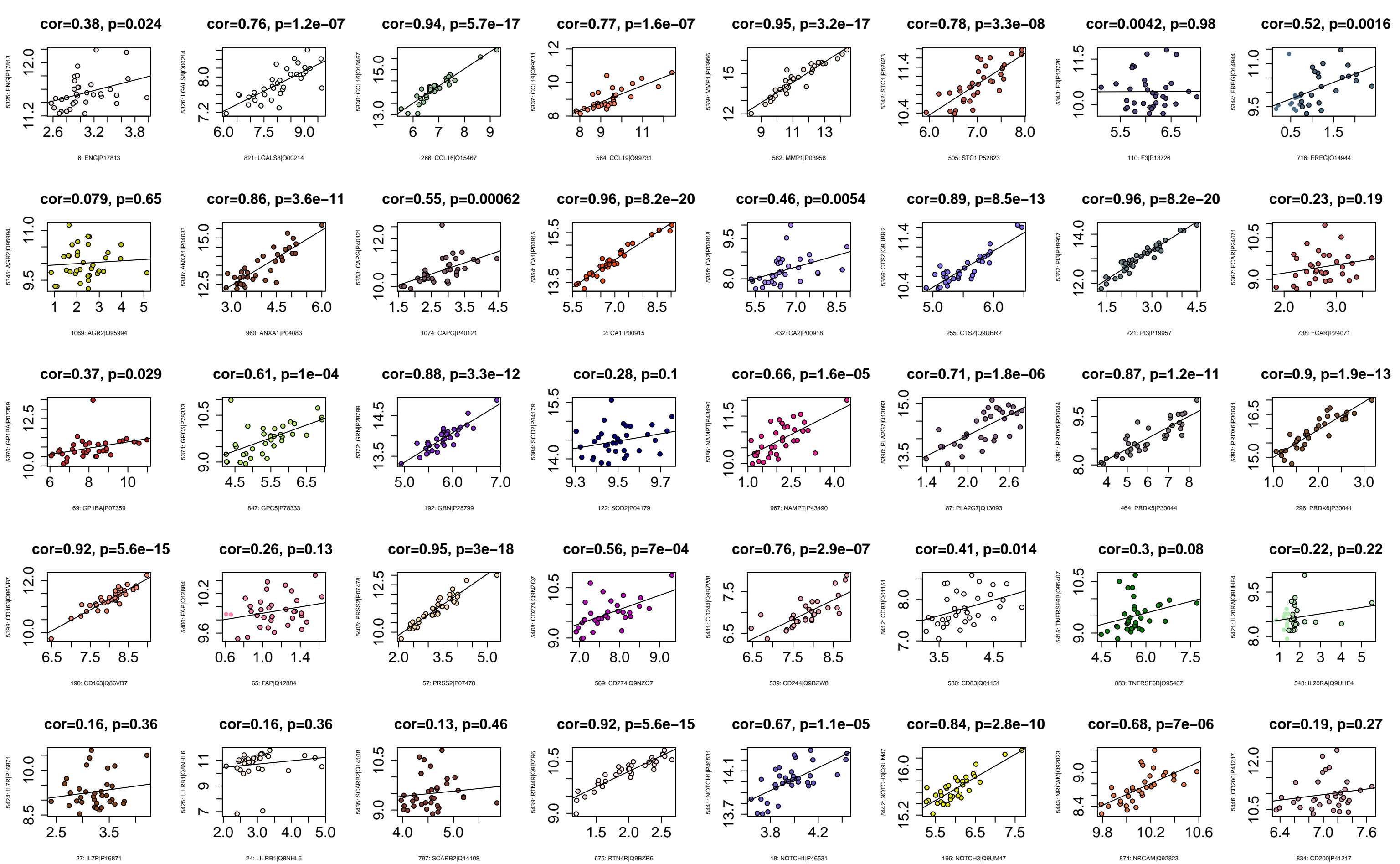


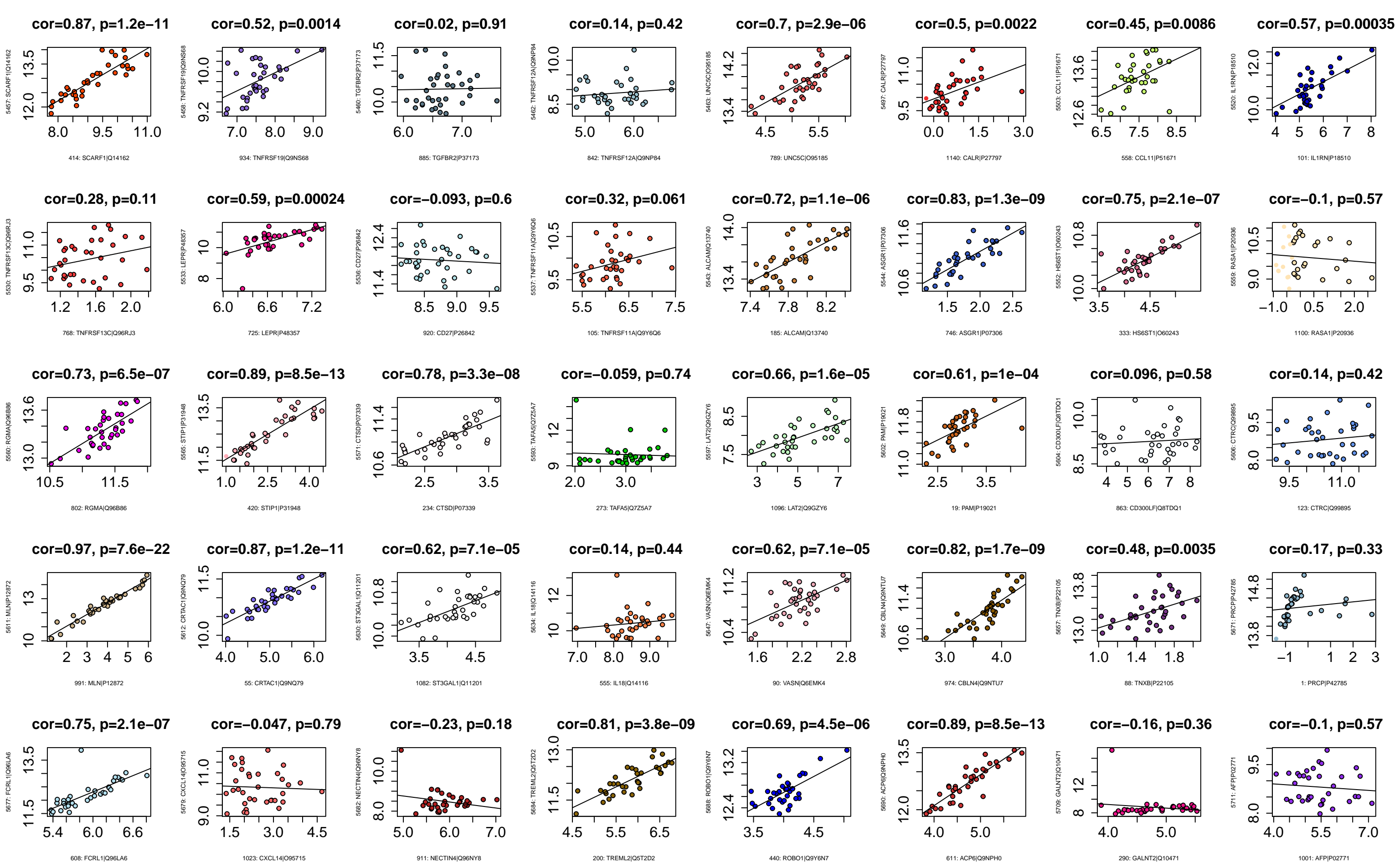


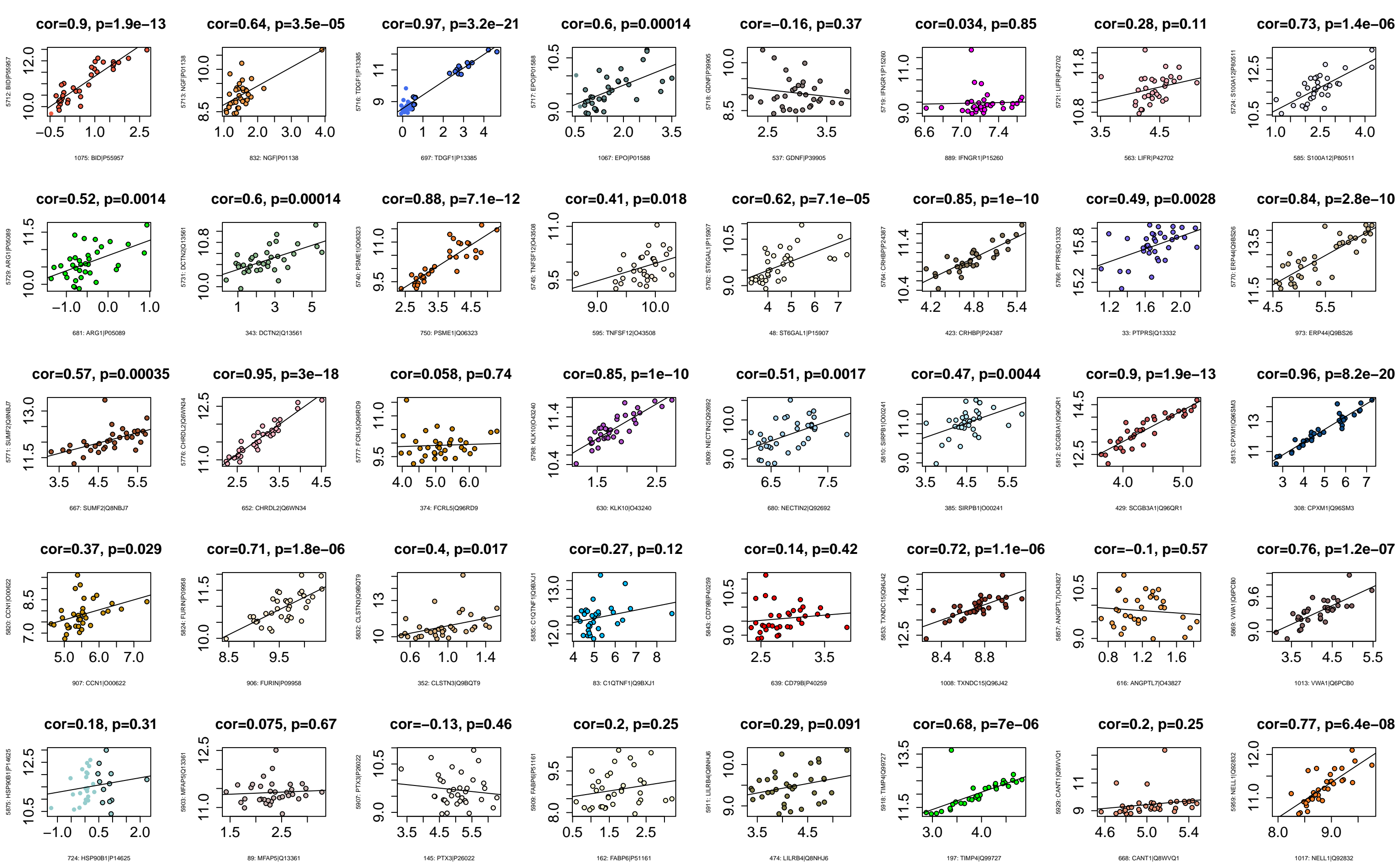


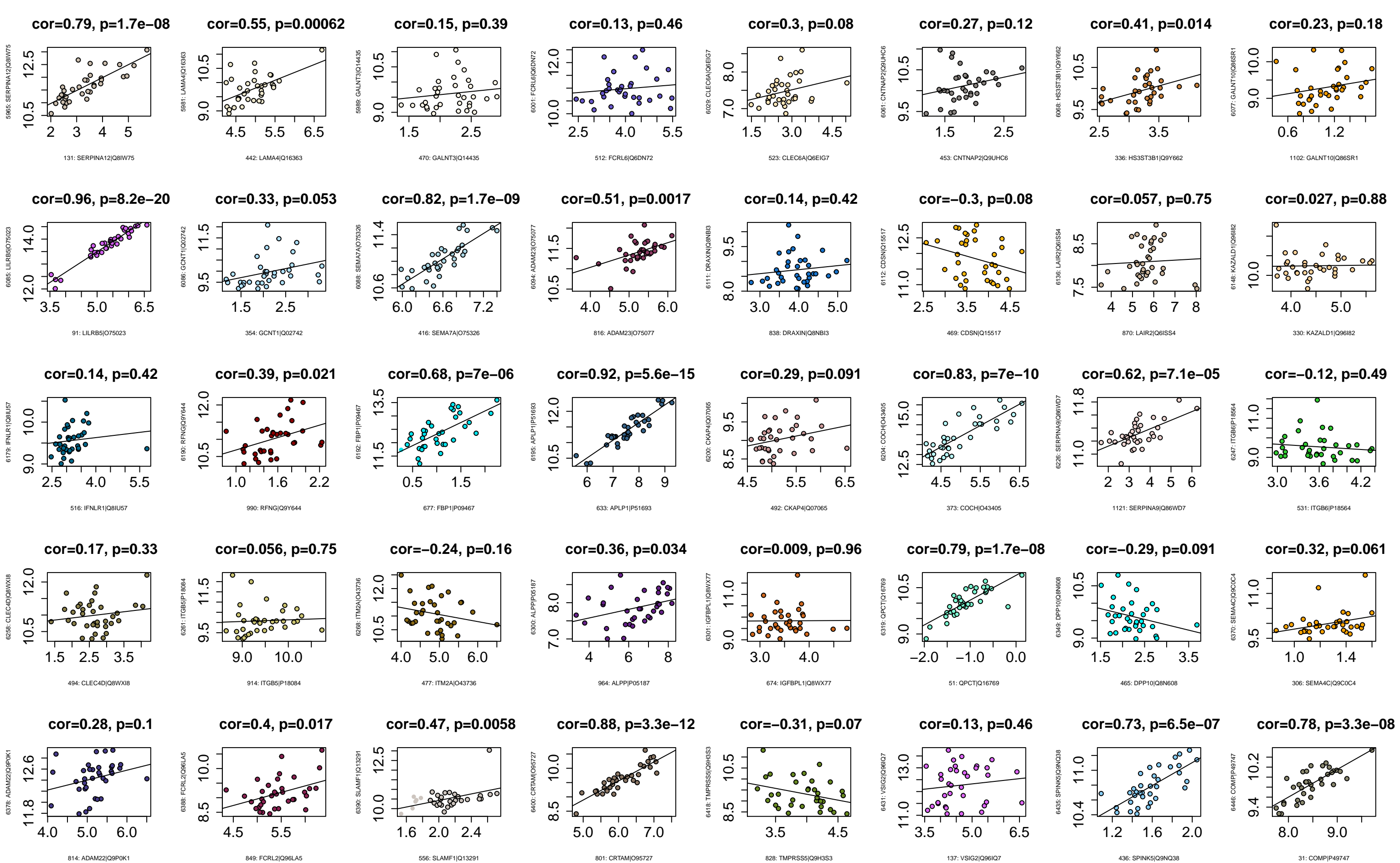


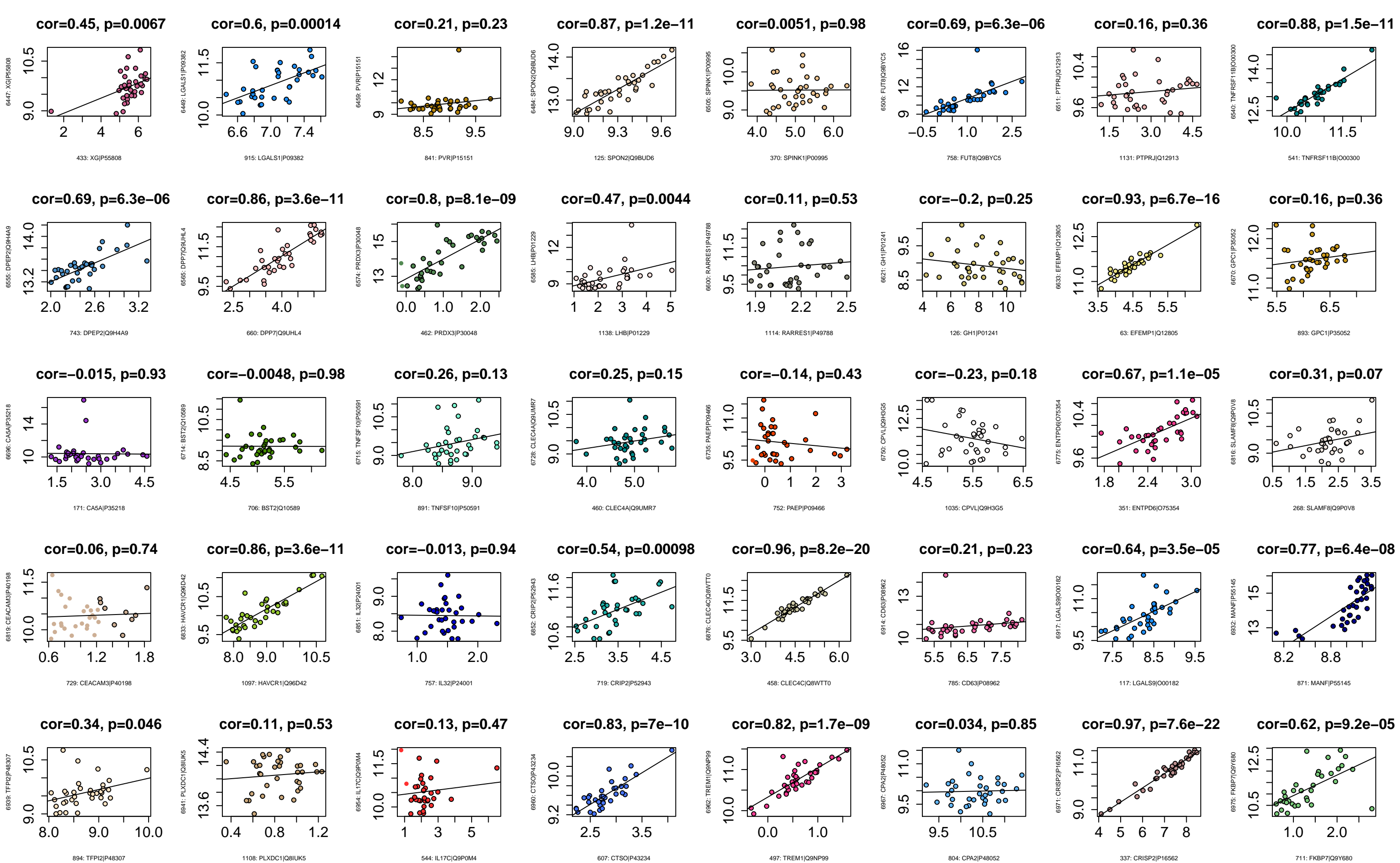


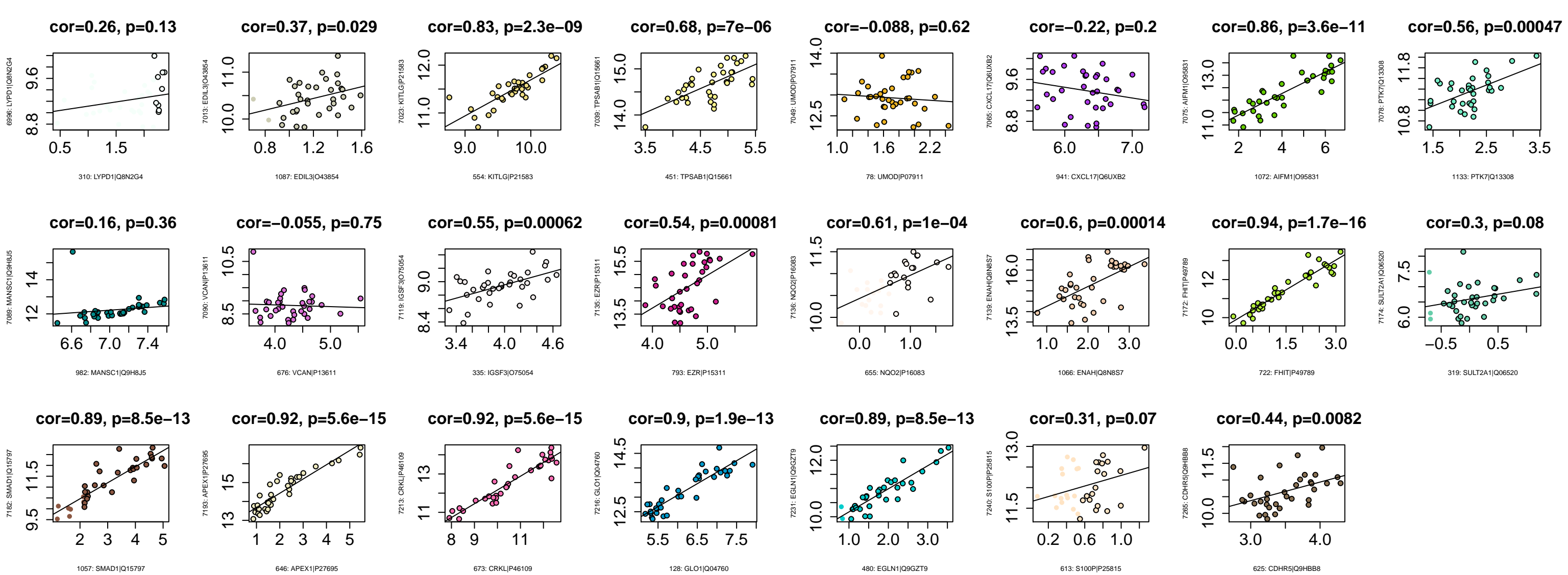


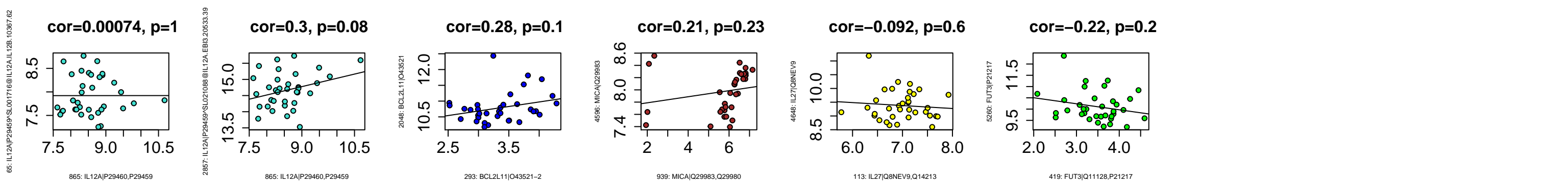








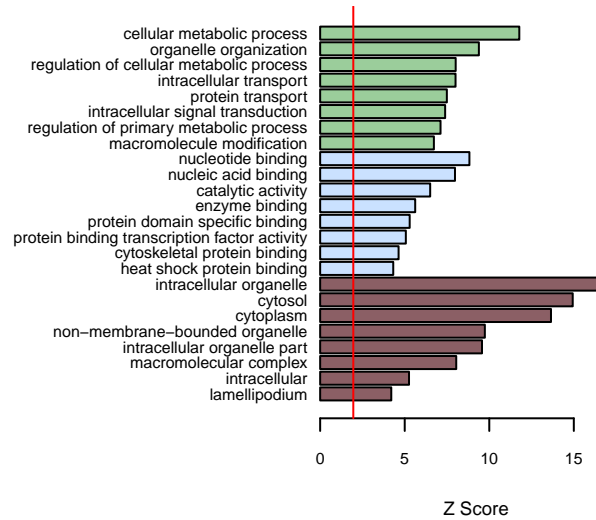




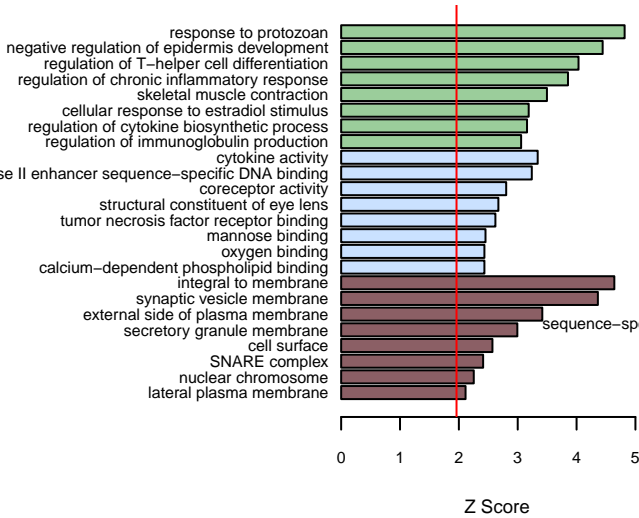
Ontology Types

- Biological Process
- Molecular Function
- Cellular Component

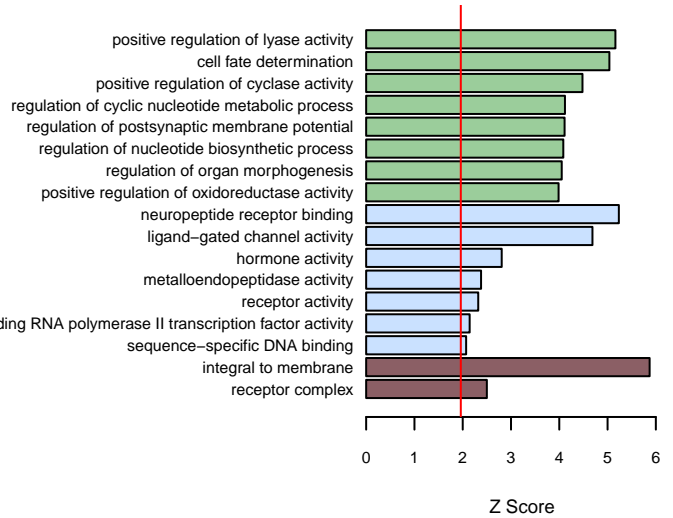
M1 turquoise



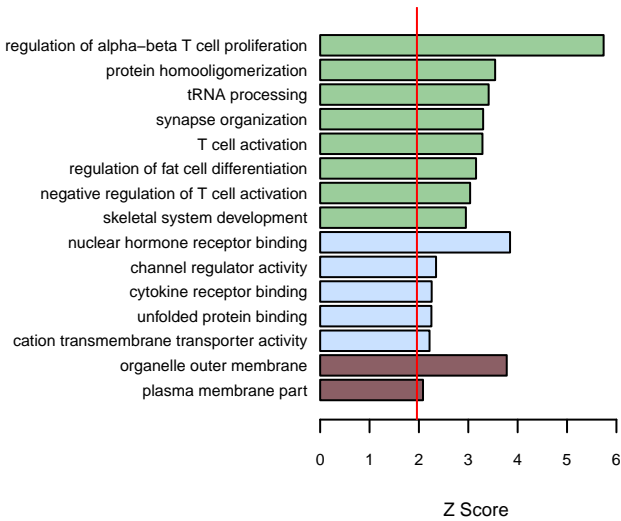
M2 blue



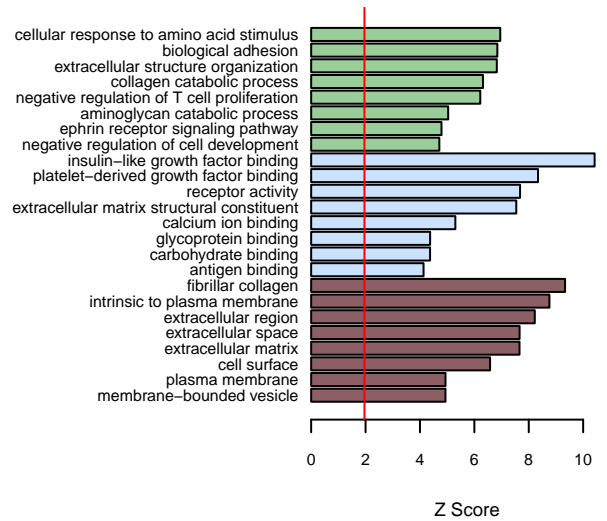
M3 brown

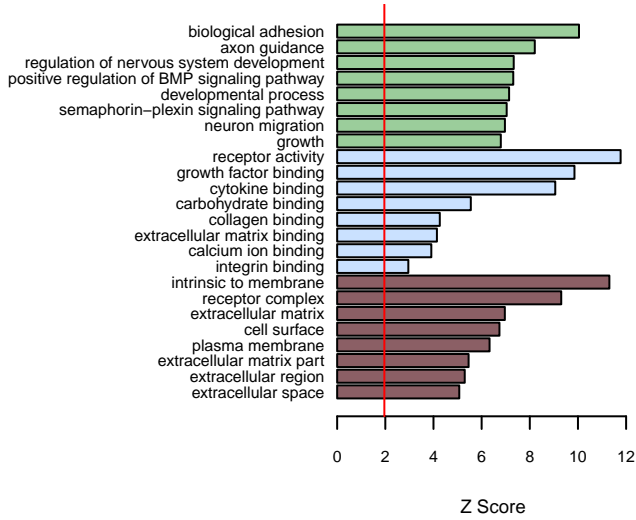
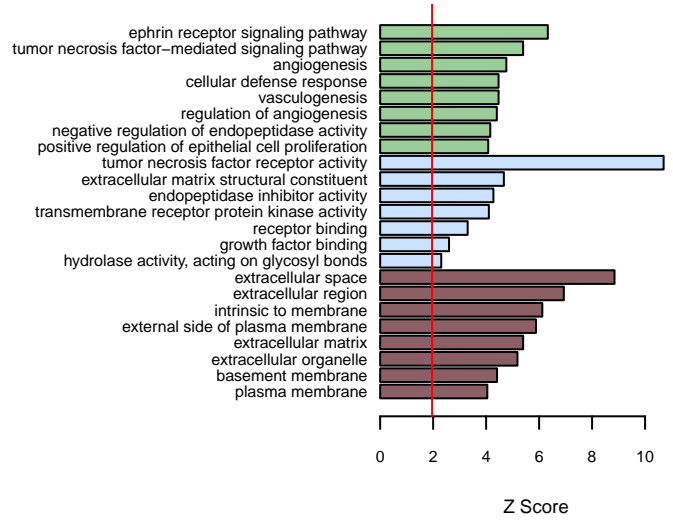
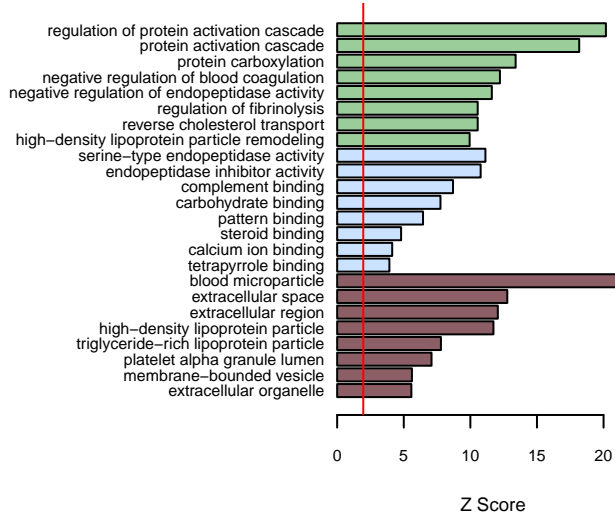
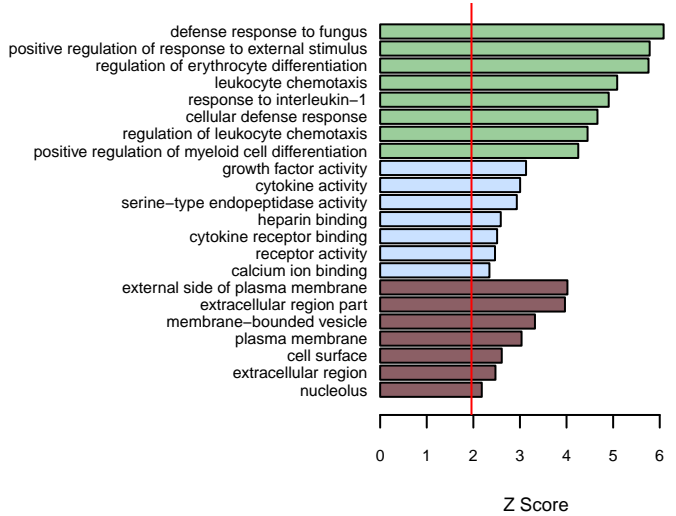
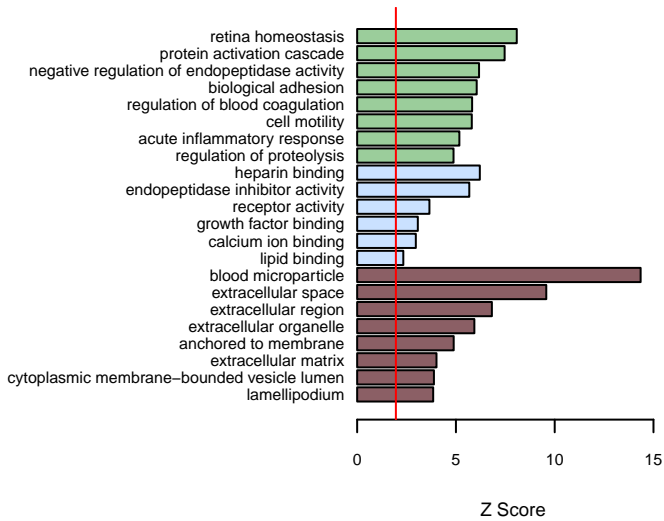
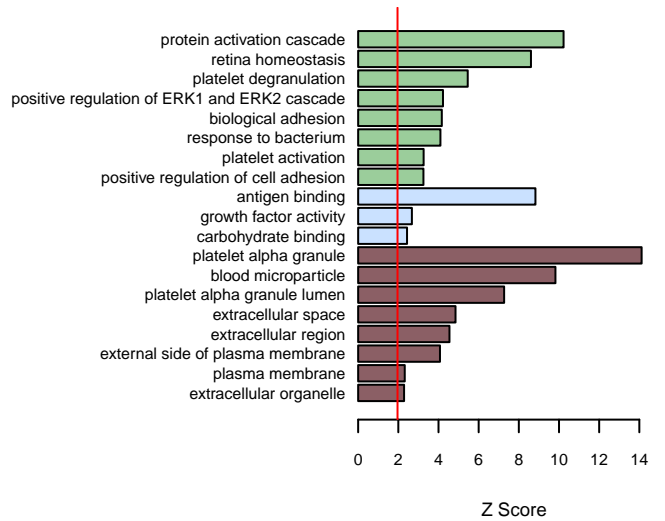


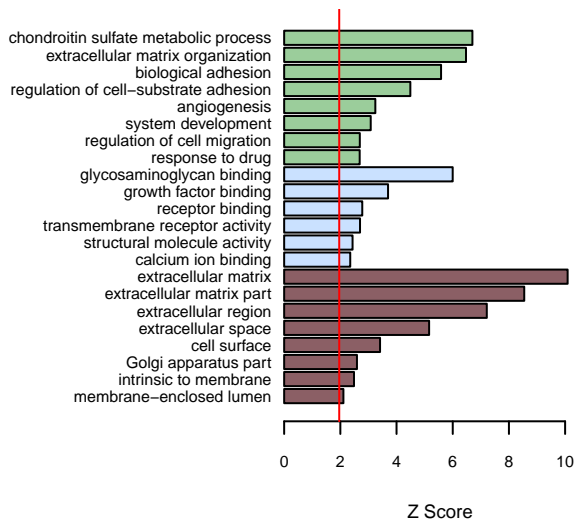
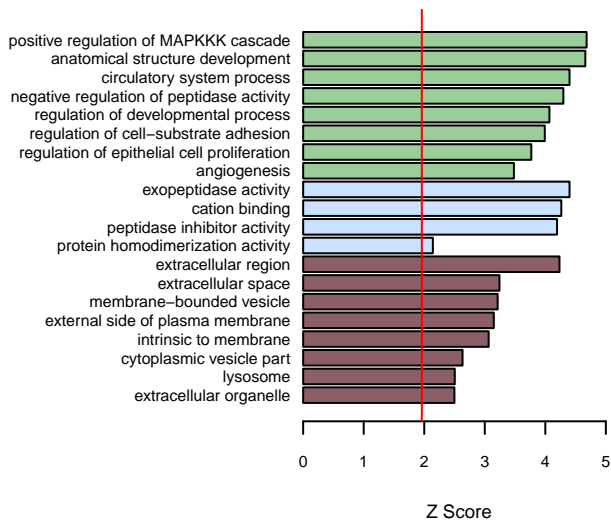
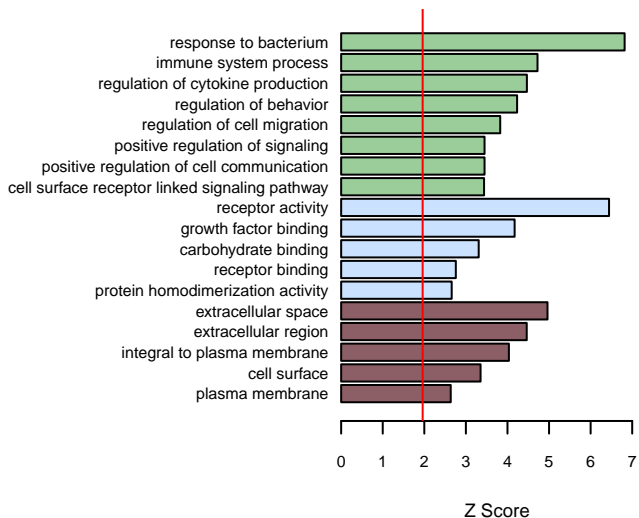
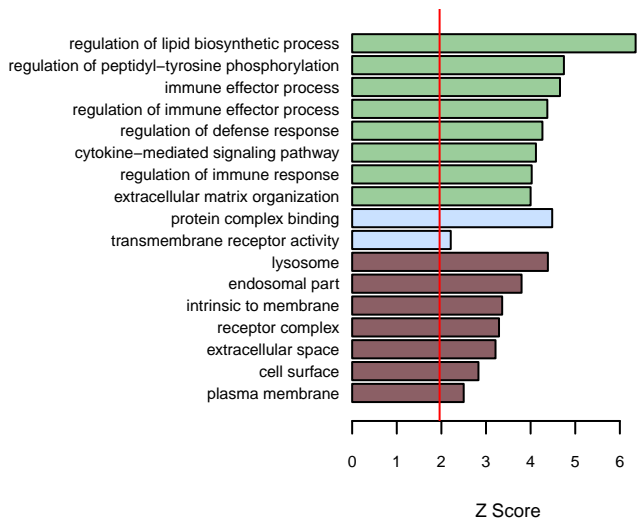
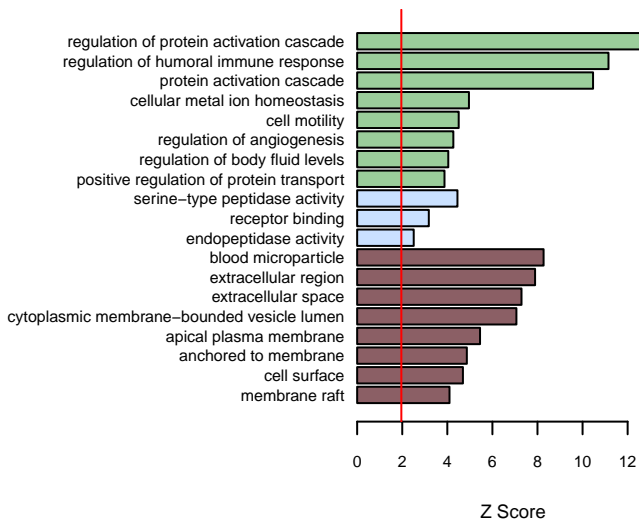
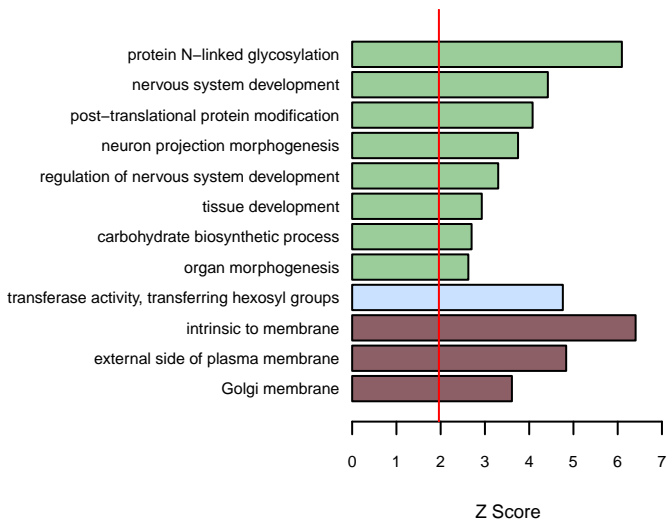
M4 yellow

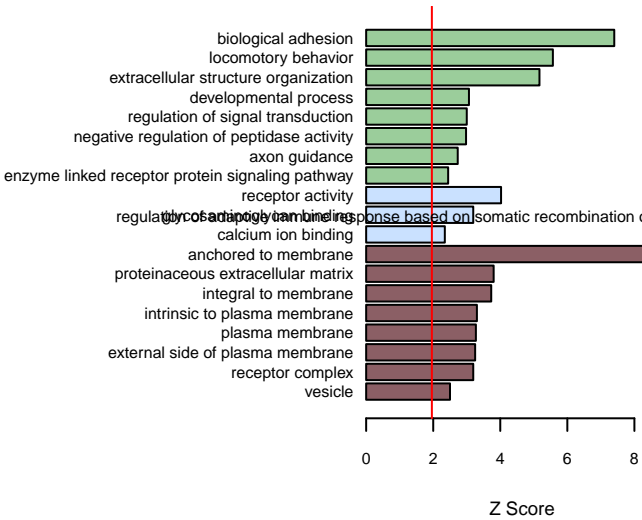
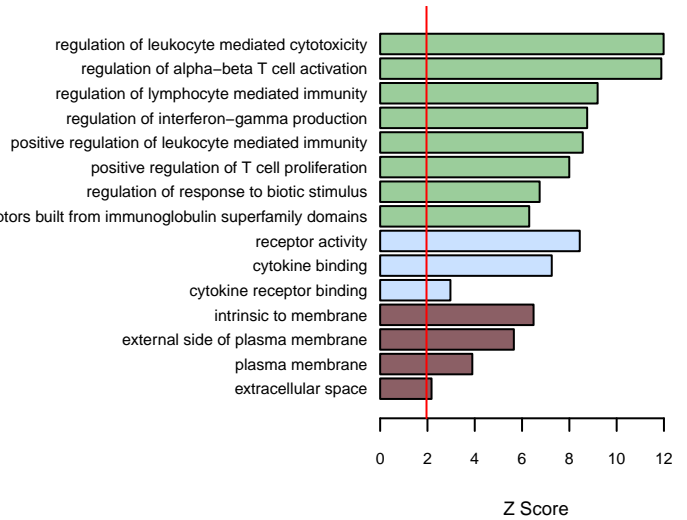
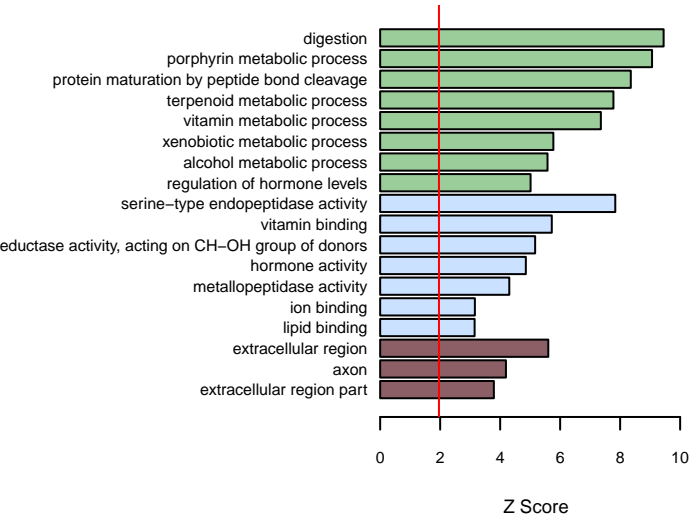
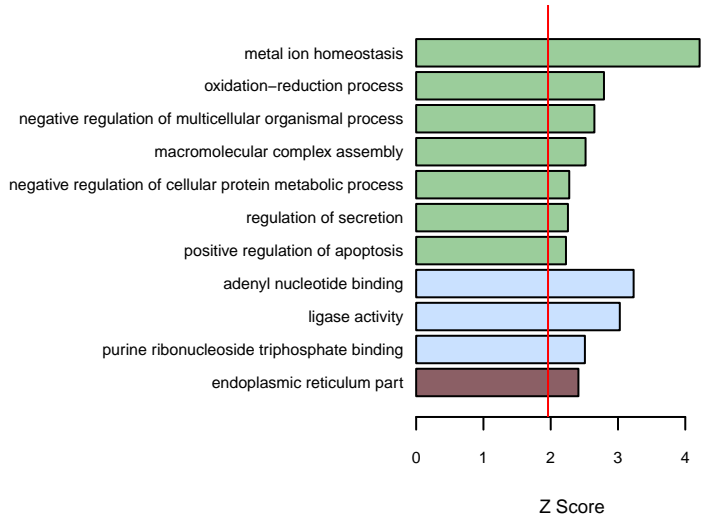
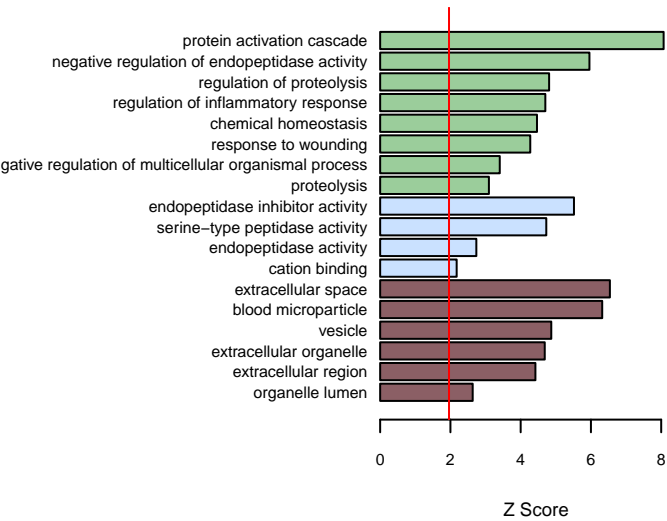
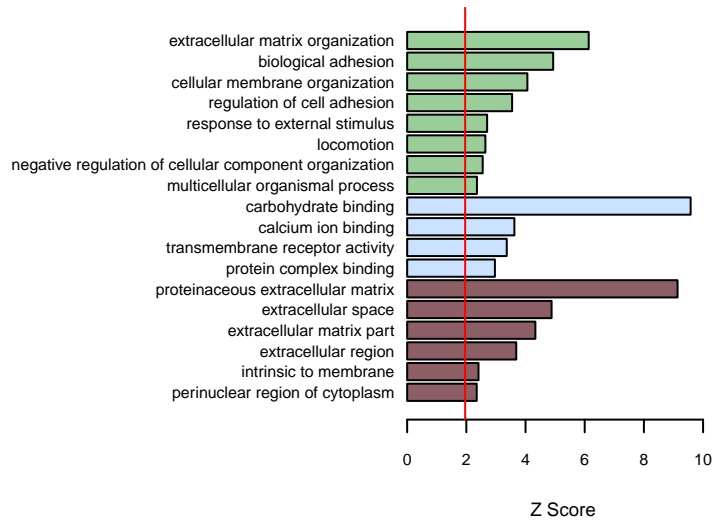


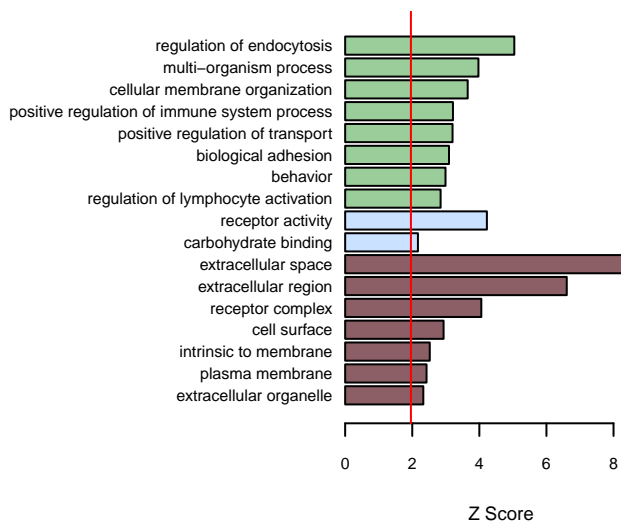
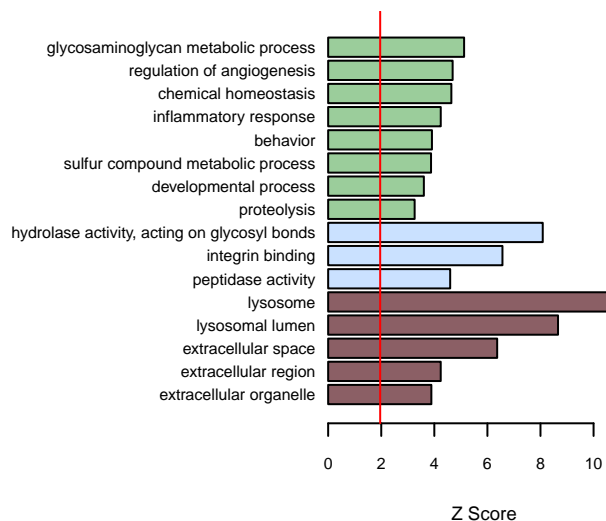
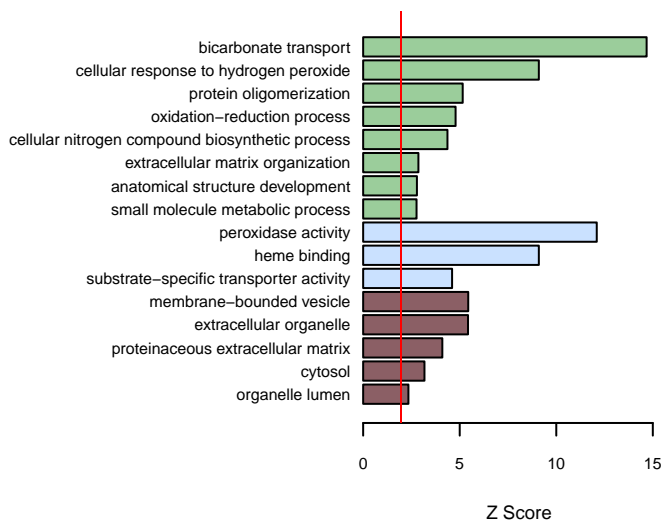
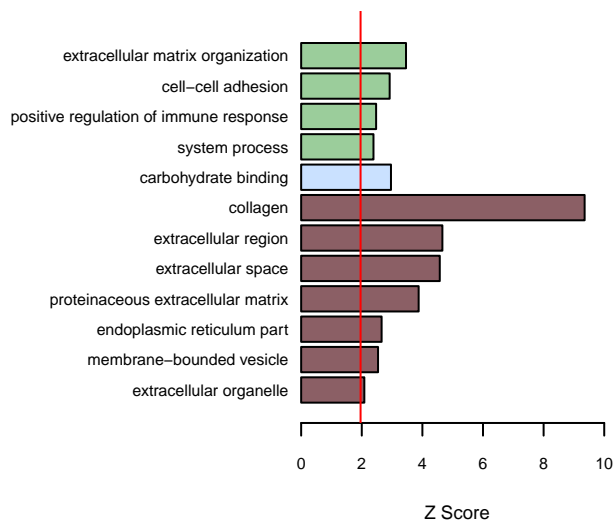
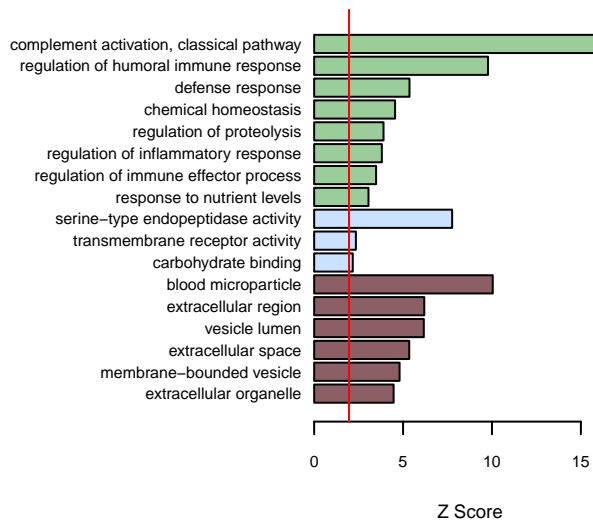
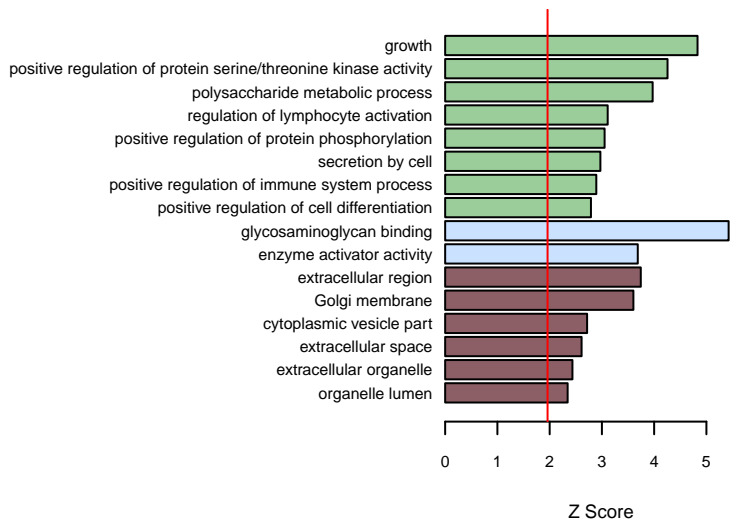
M5 green



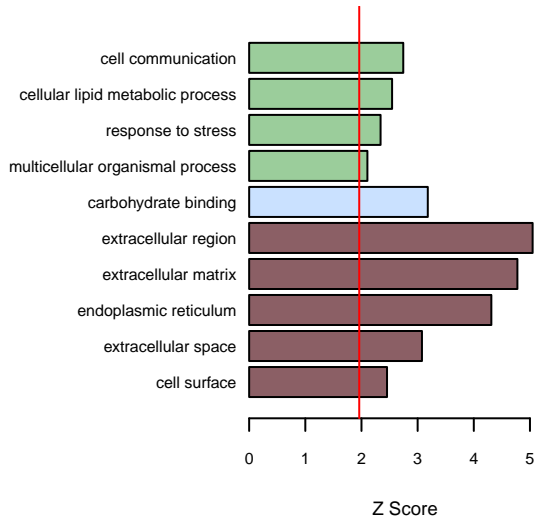
M6 red**M7 black****M8 pink****M9 magenta****M10 purple****M11 greenyellow**

M12 tan**M13 salmon****M14 cyan****M15 midnightblue****M16 lightcyan****M17 grey60**

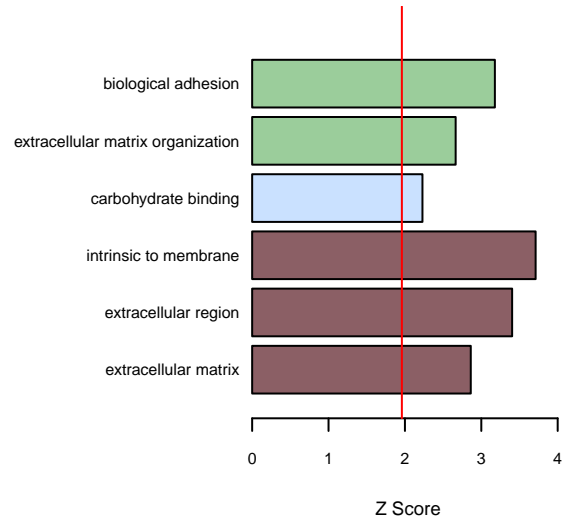
M18 lightgreen**M19 lightyellow****M20 royalblue****M21 darkred****M22 darkgreen****M23 darkturquoise**

M24 darkgrey**M25 orange****M26 darkorange****M27 white****M28 skyblue****M29 saddlebrown**

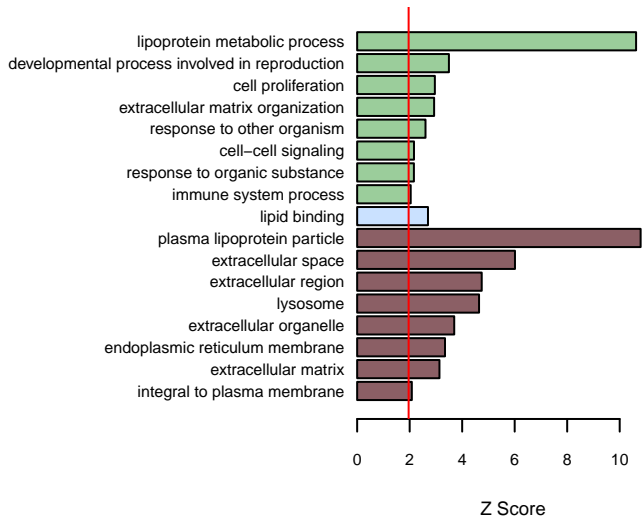
M30 steelblue



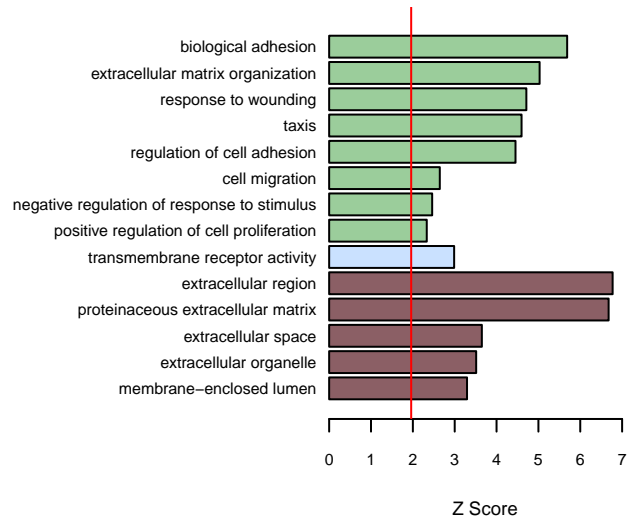
M31 paleturquoise



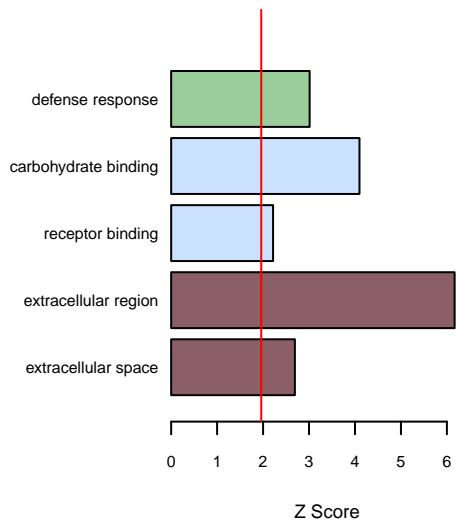
M32 violet



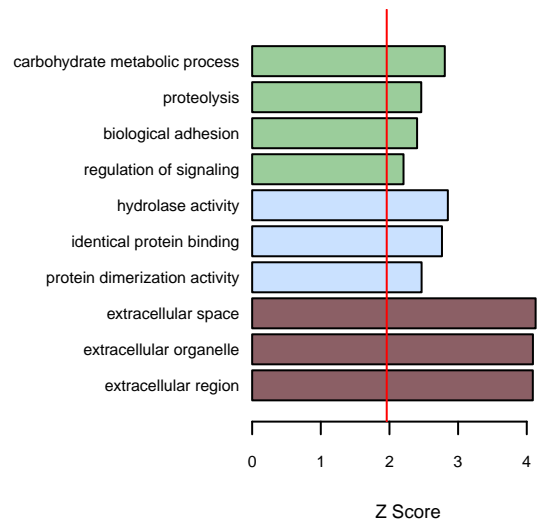
M33 darkolivegreen

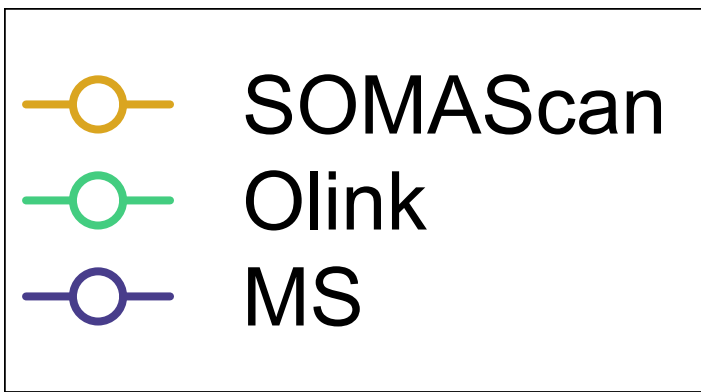


M34 darkmagenta

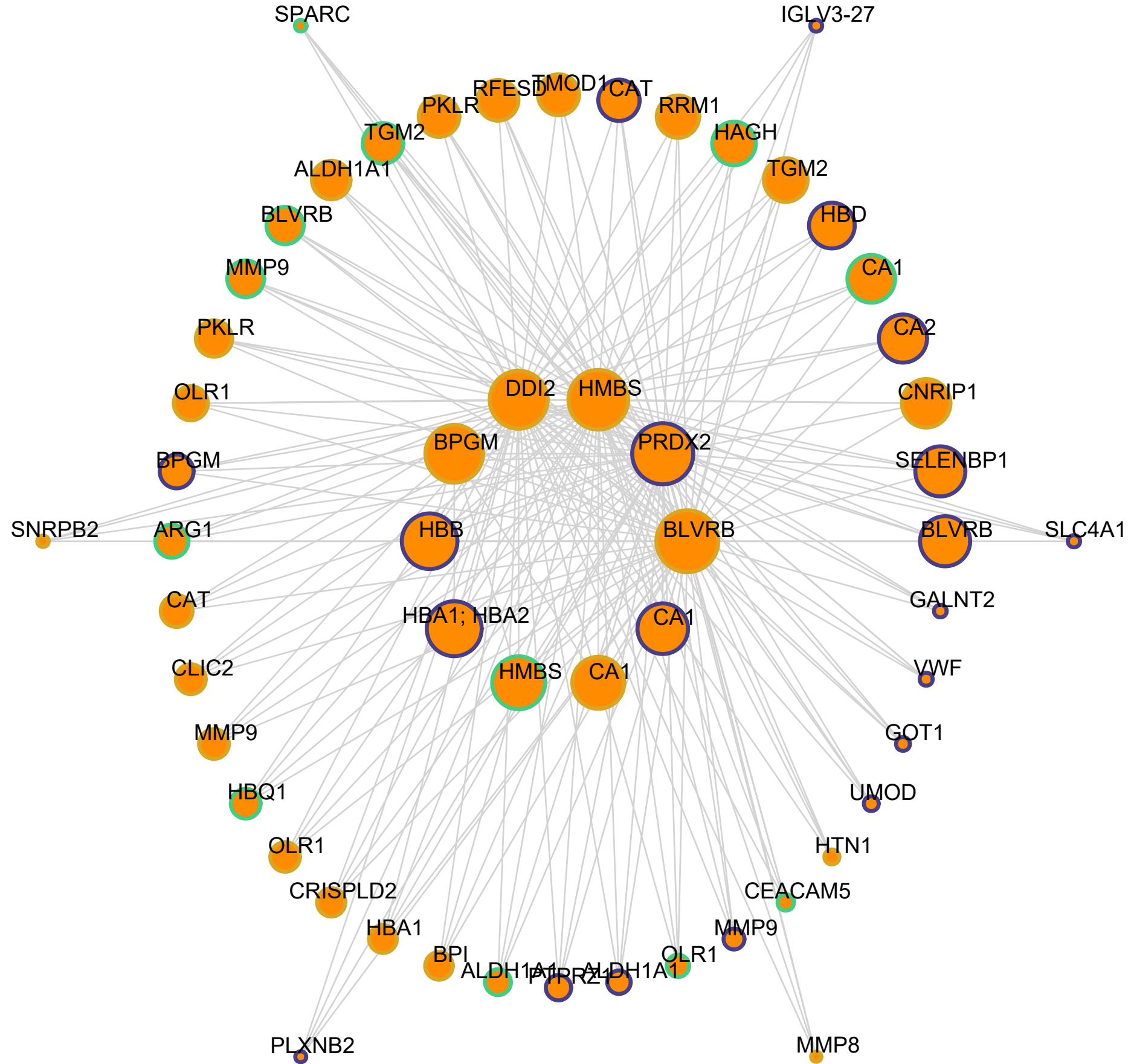


M35 sienna3

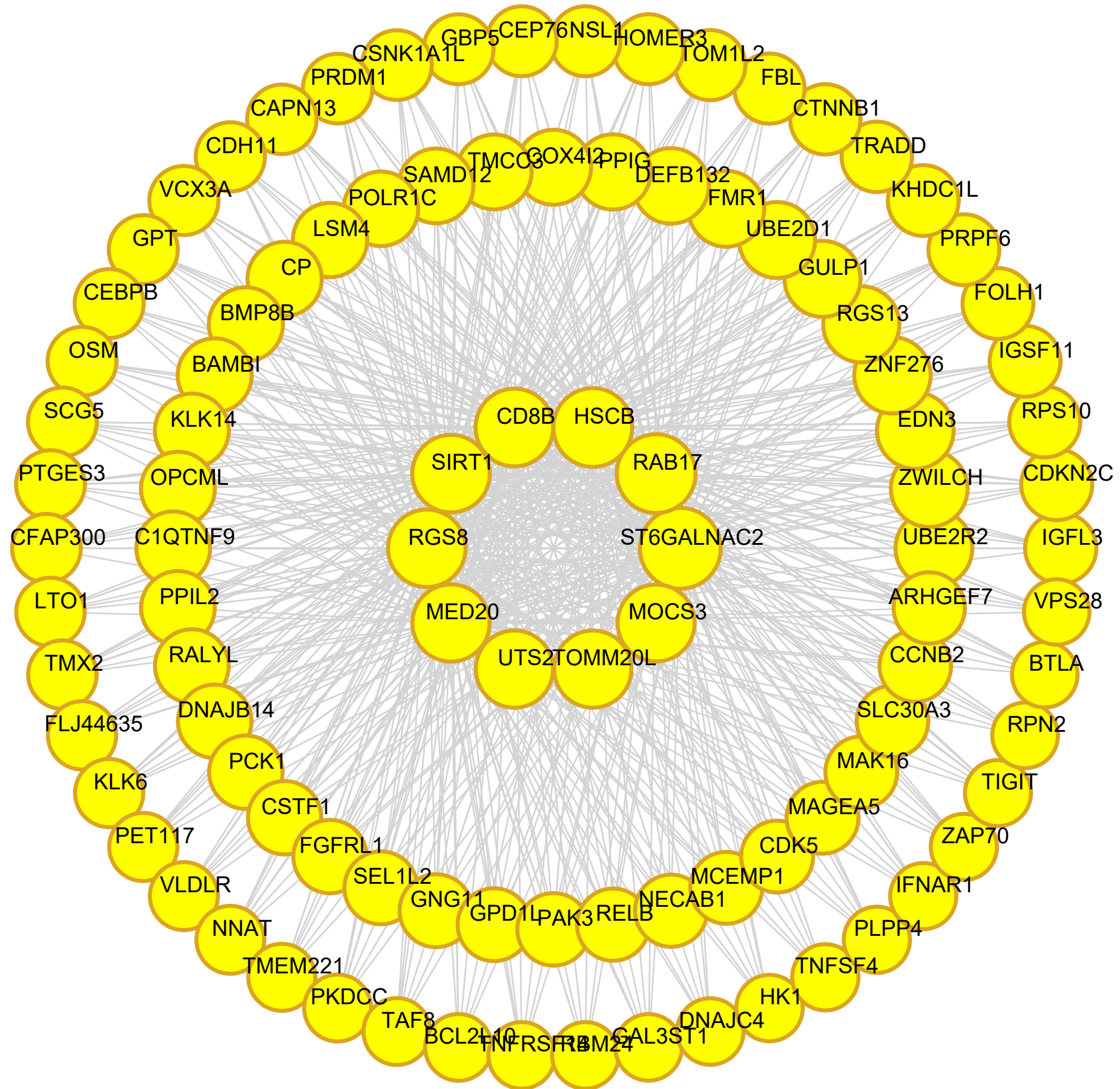




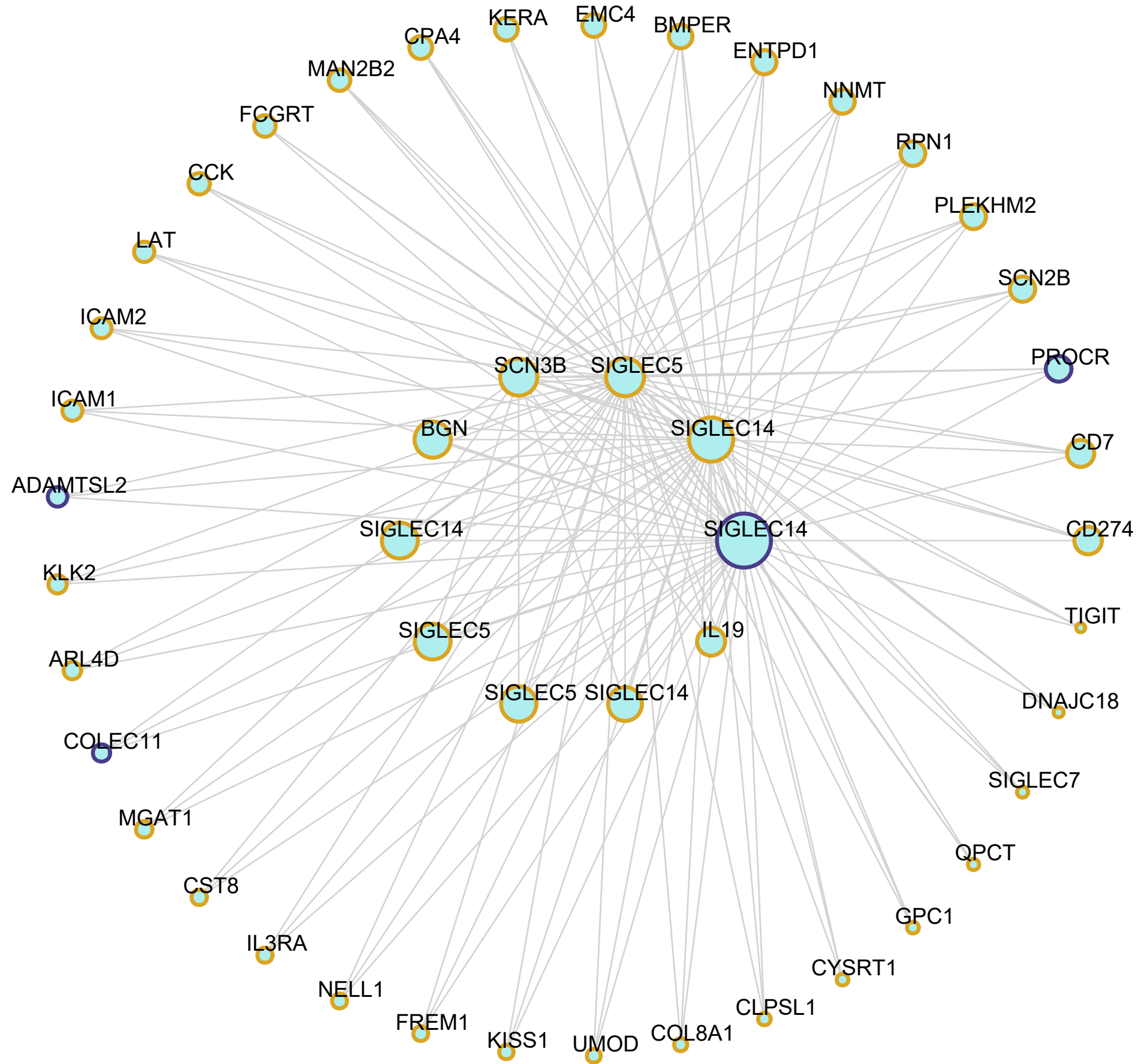
M26 darkorange module: Bicarbonate Transport/Peroxidase



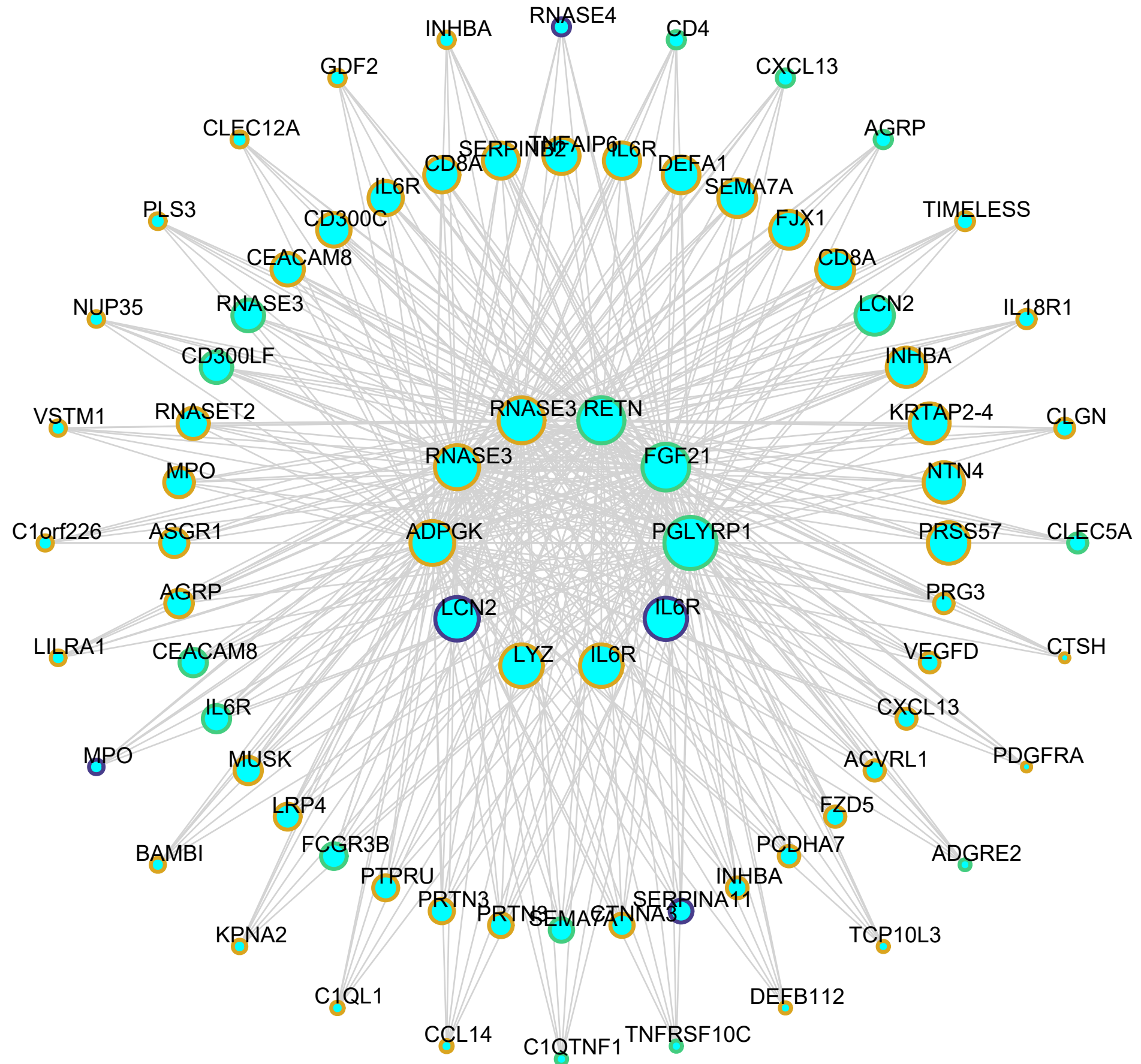
M4 yellow module: T Cell Regulation



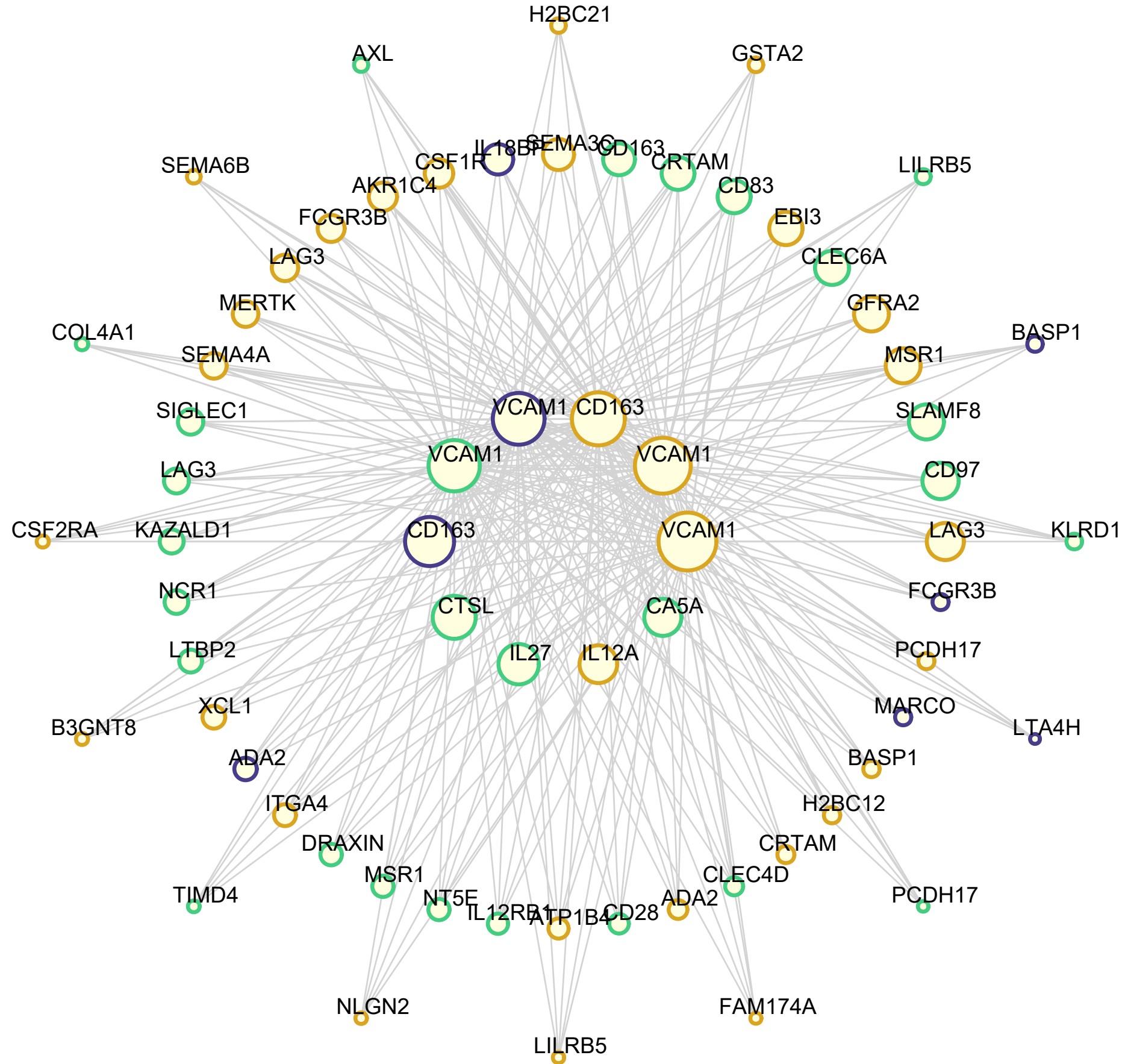
M31 paleturquoise module: Adhesion/ECM



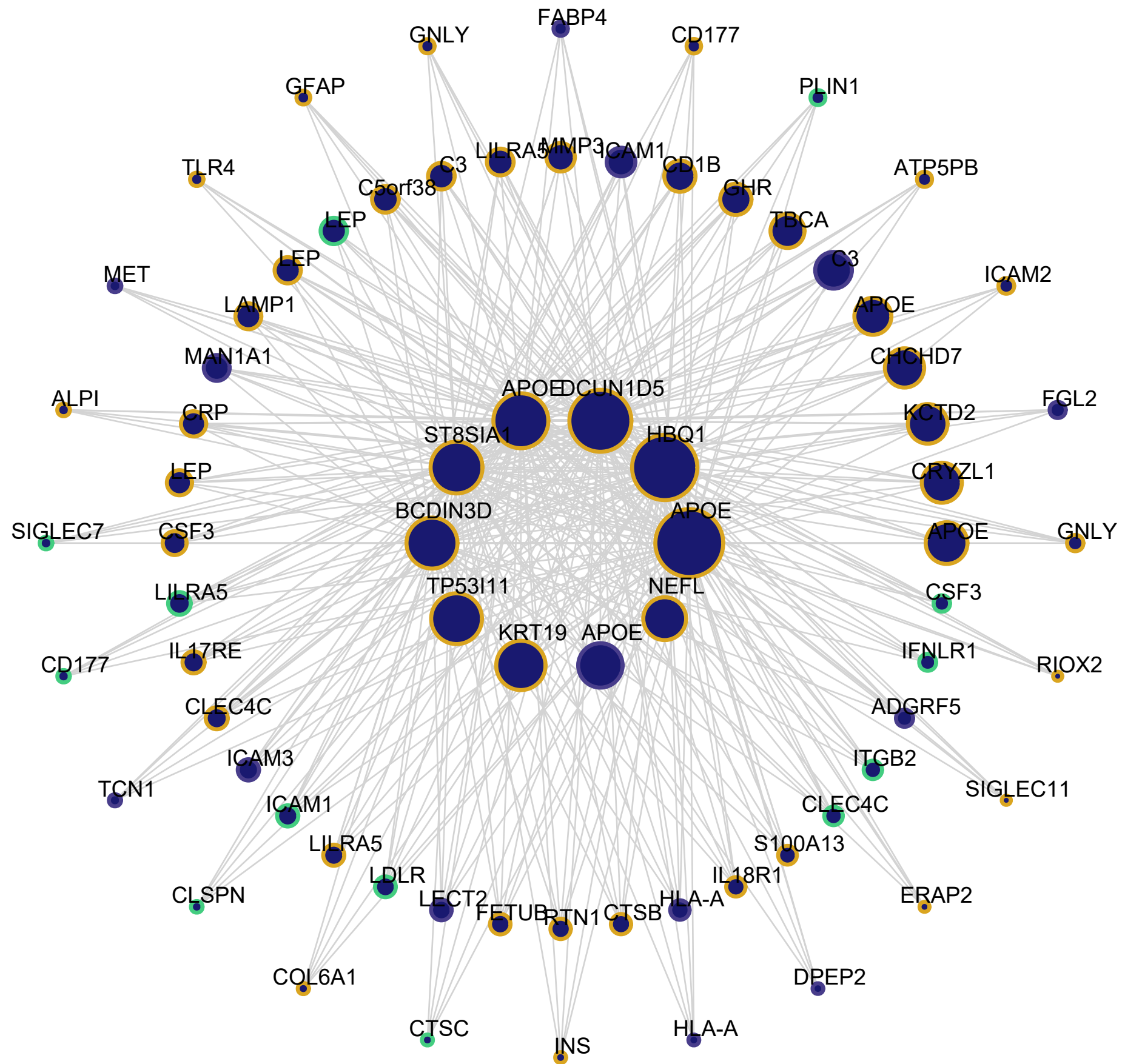
M14 cyan module: Innate Immune Response



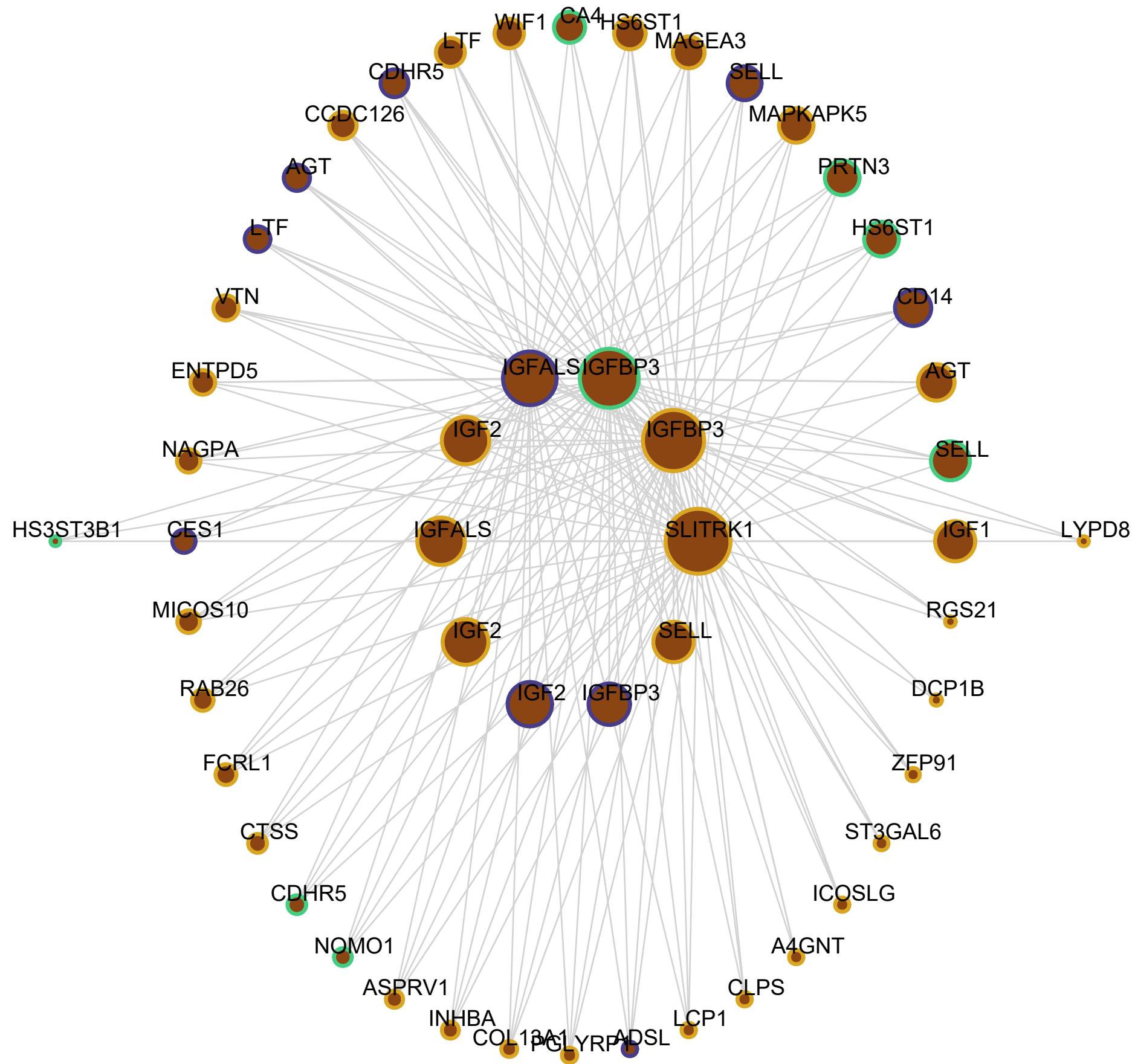
M19 lightyellow module: Leukocyte Activation



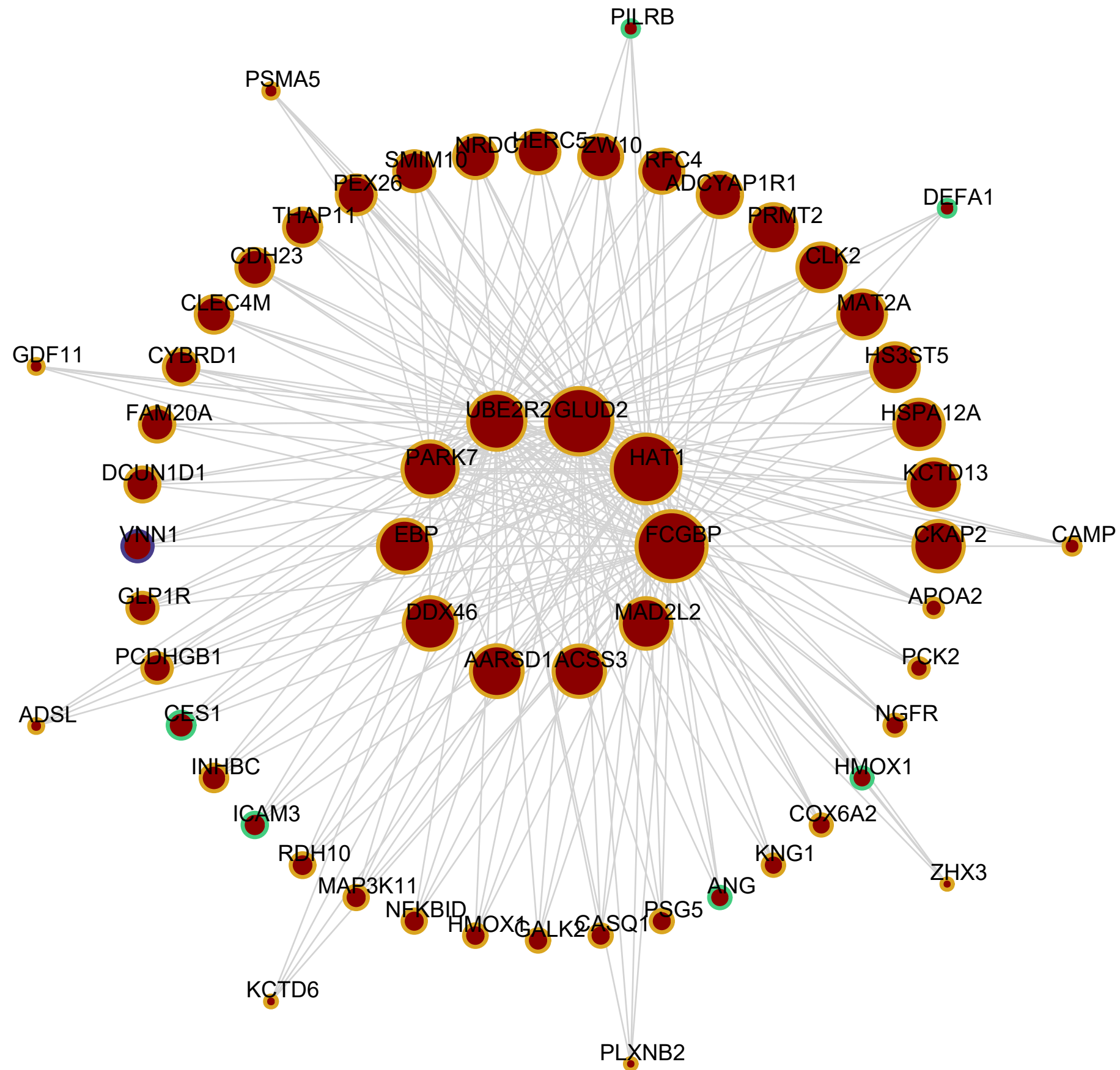
M15 midnightblue module: Lipid Biosynthesis/Immune Response



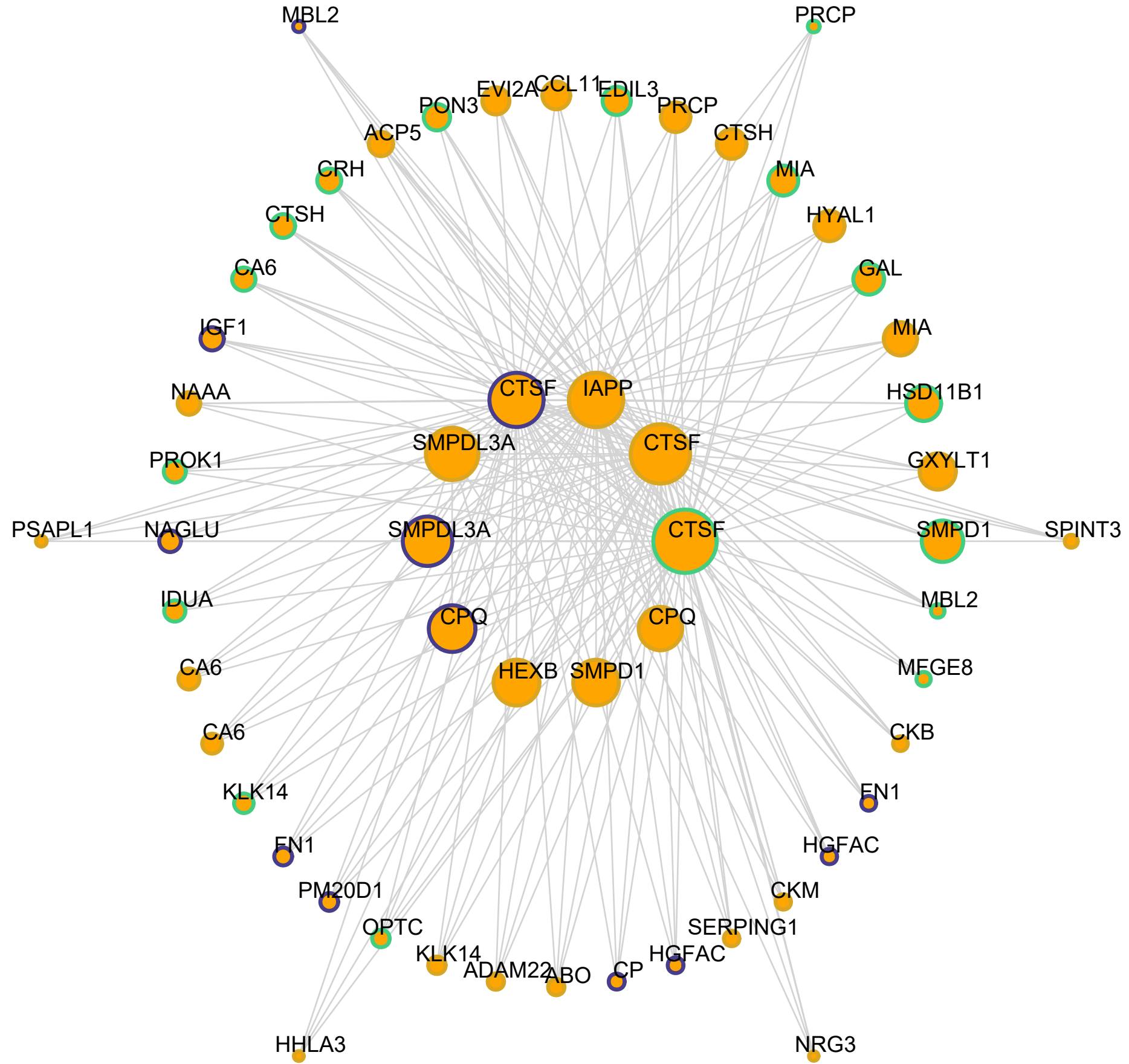
M29 saddlebrown module: IGF-Growth/GAG Binding



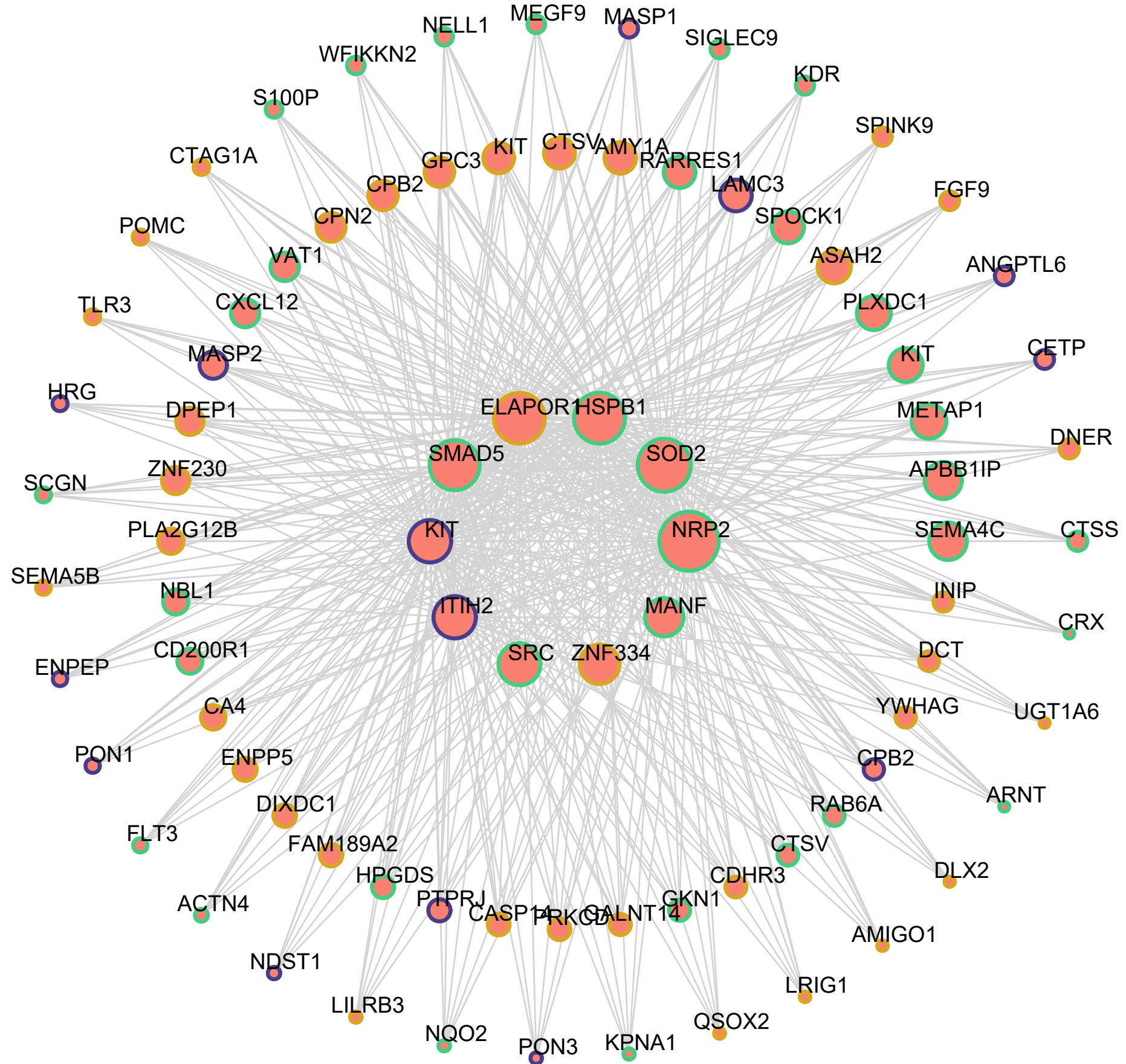
M21 darkred module: Metal Ion Homeostasis



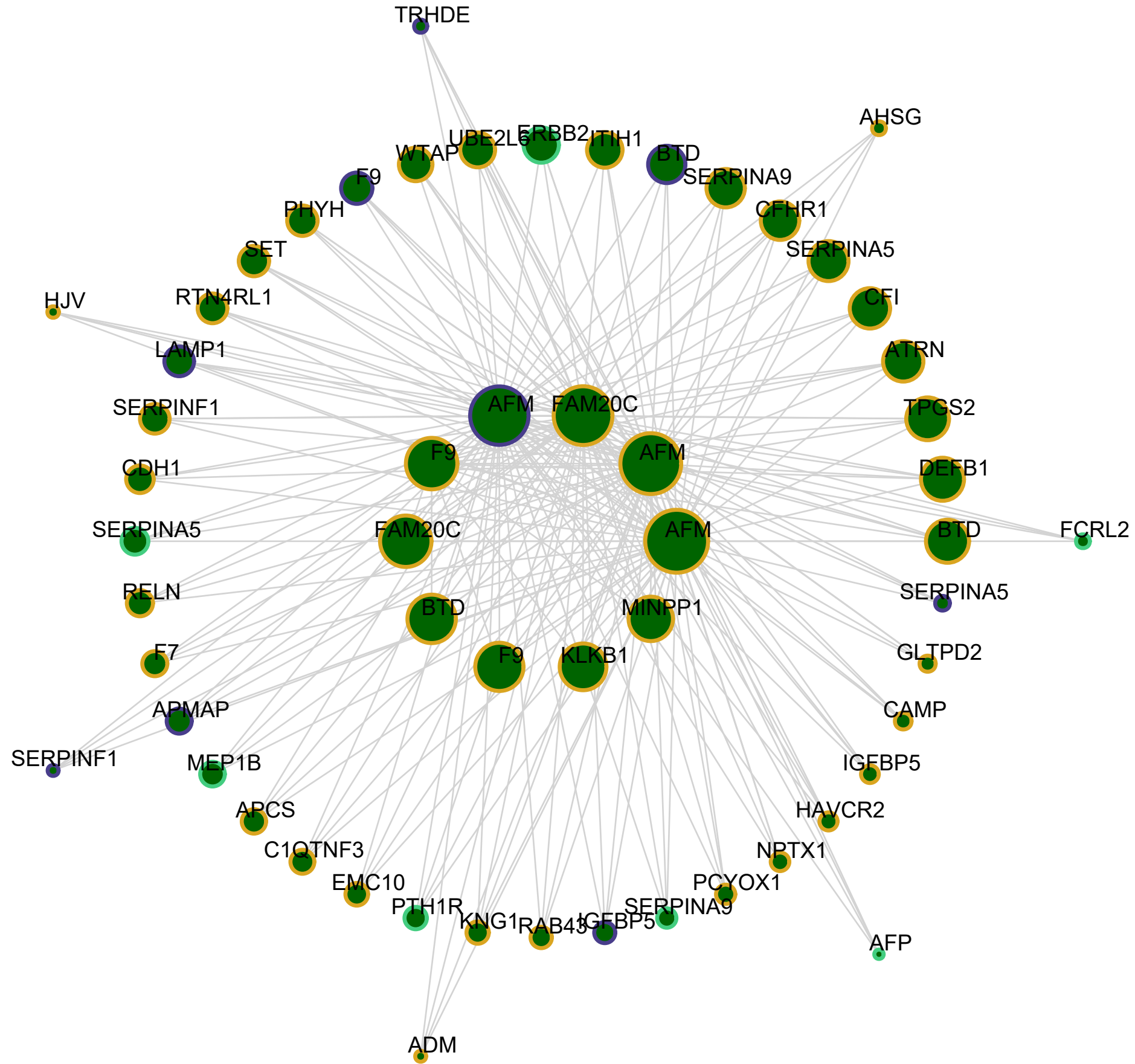
M25 orange module: Lysosome



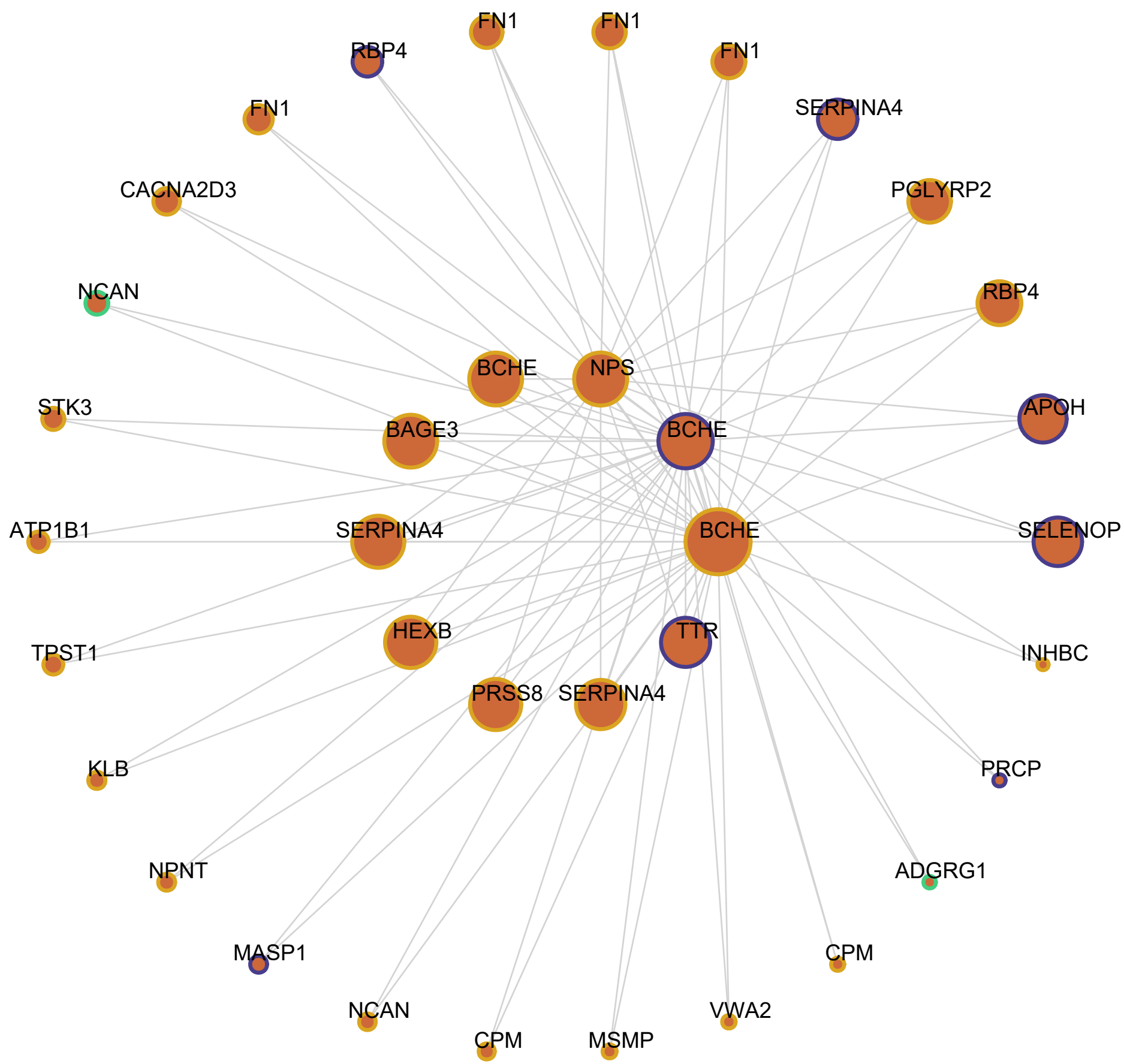
M13 salmon module: Ambiguous



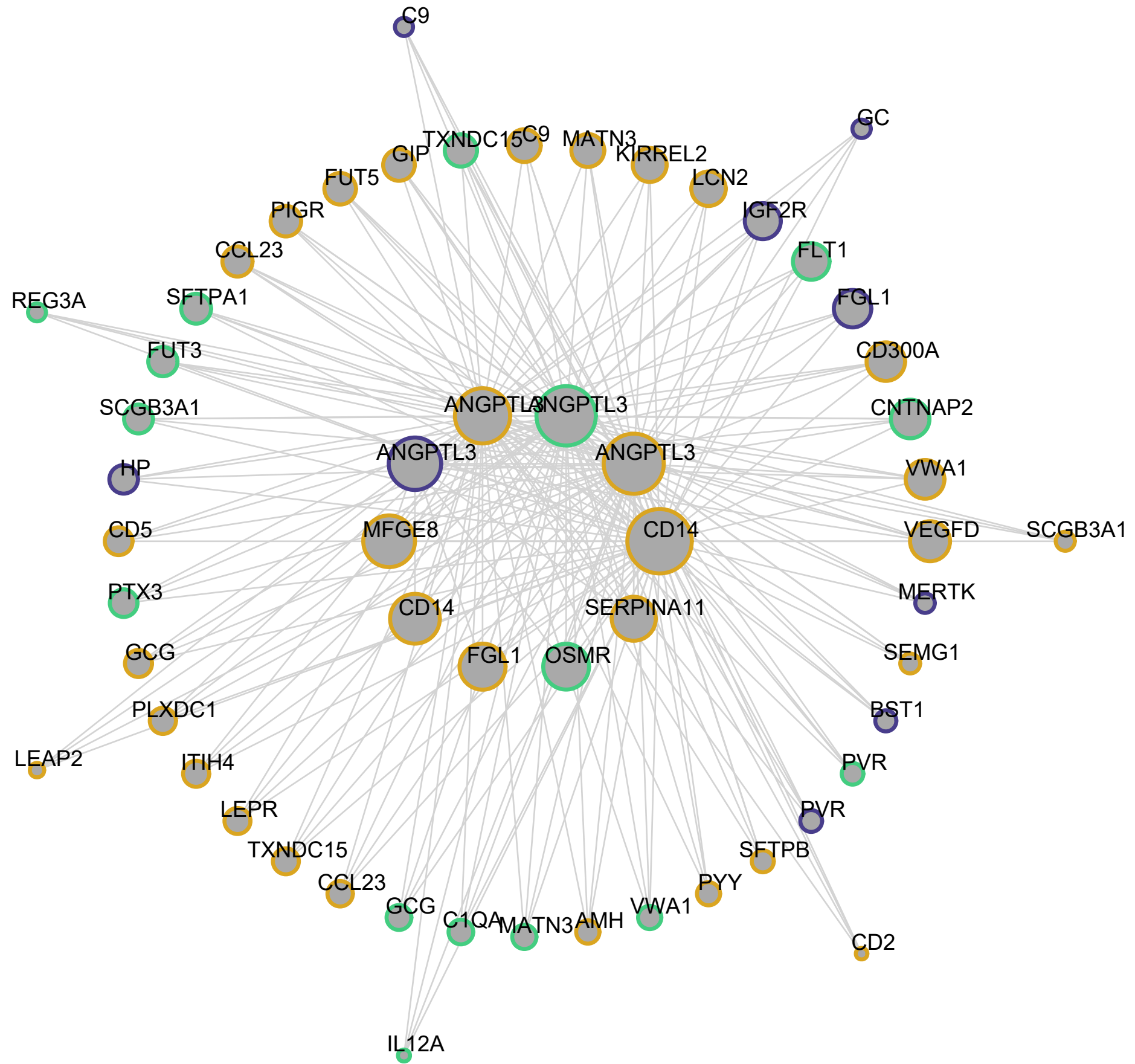
M22 darkgreen module: Protein Activation Cascade/Proteolysis



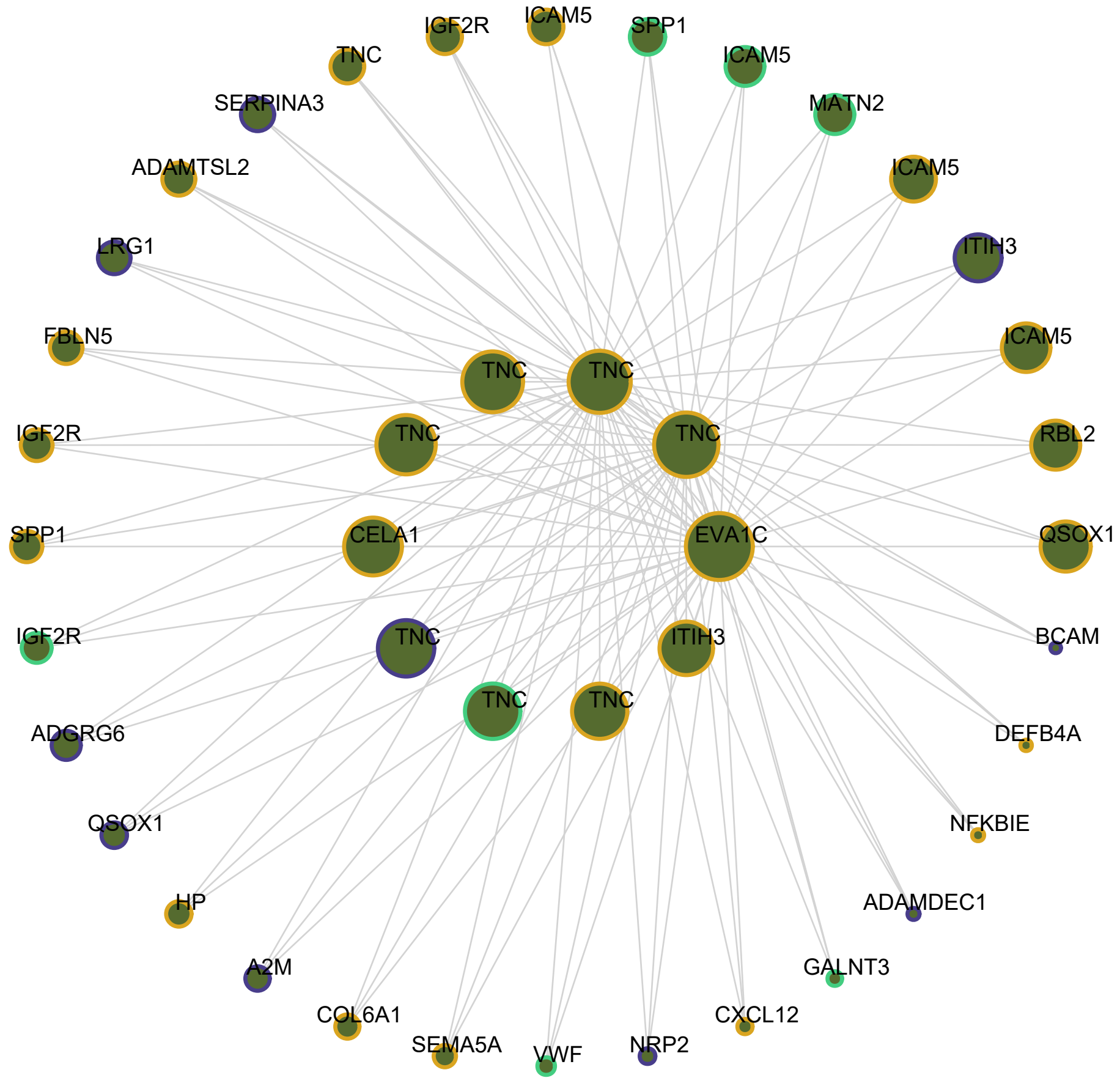
M35 sienna3 module: Ambiguous



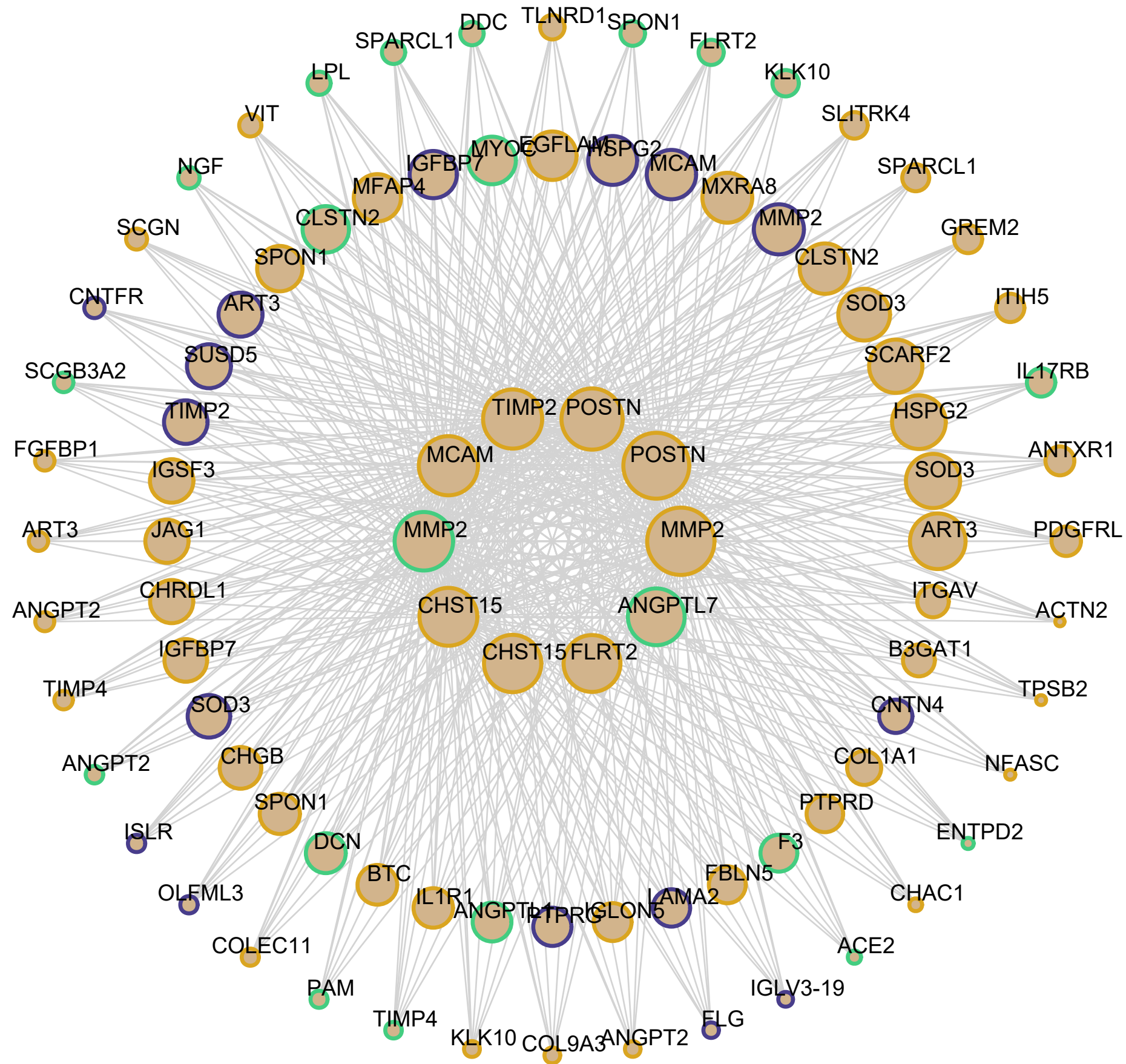
M24 darkgrey module: Endocytosis



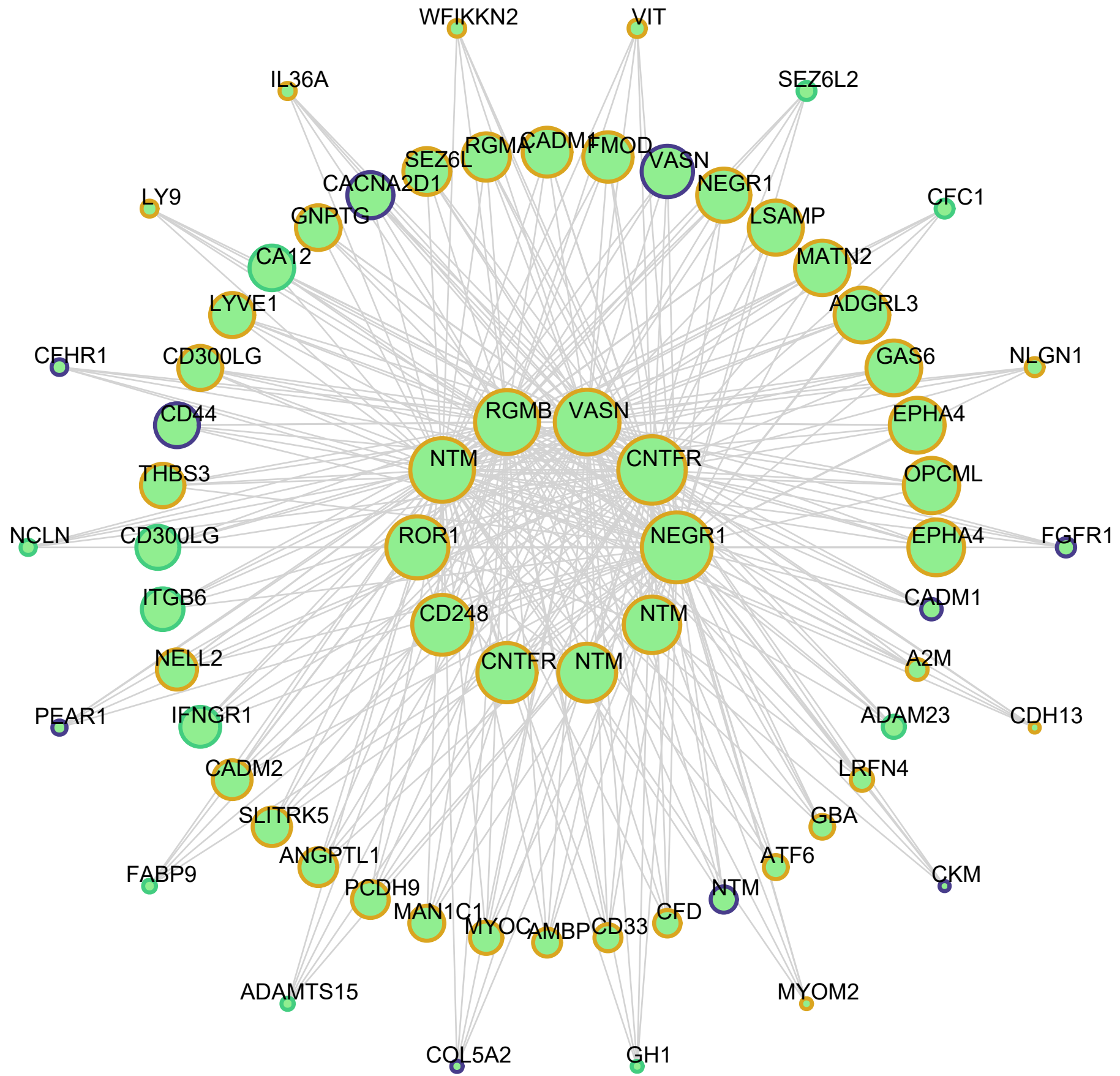
M33 darkolivegreen module: Adhesion/ECM/Wound Response



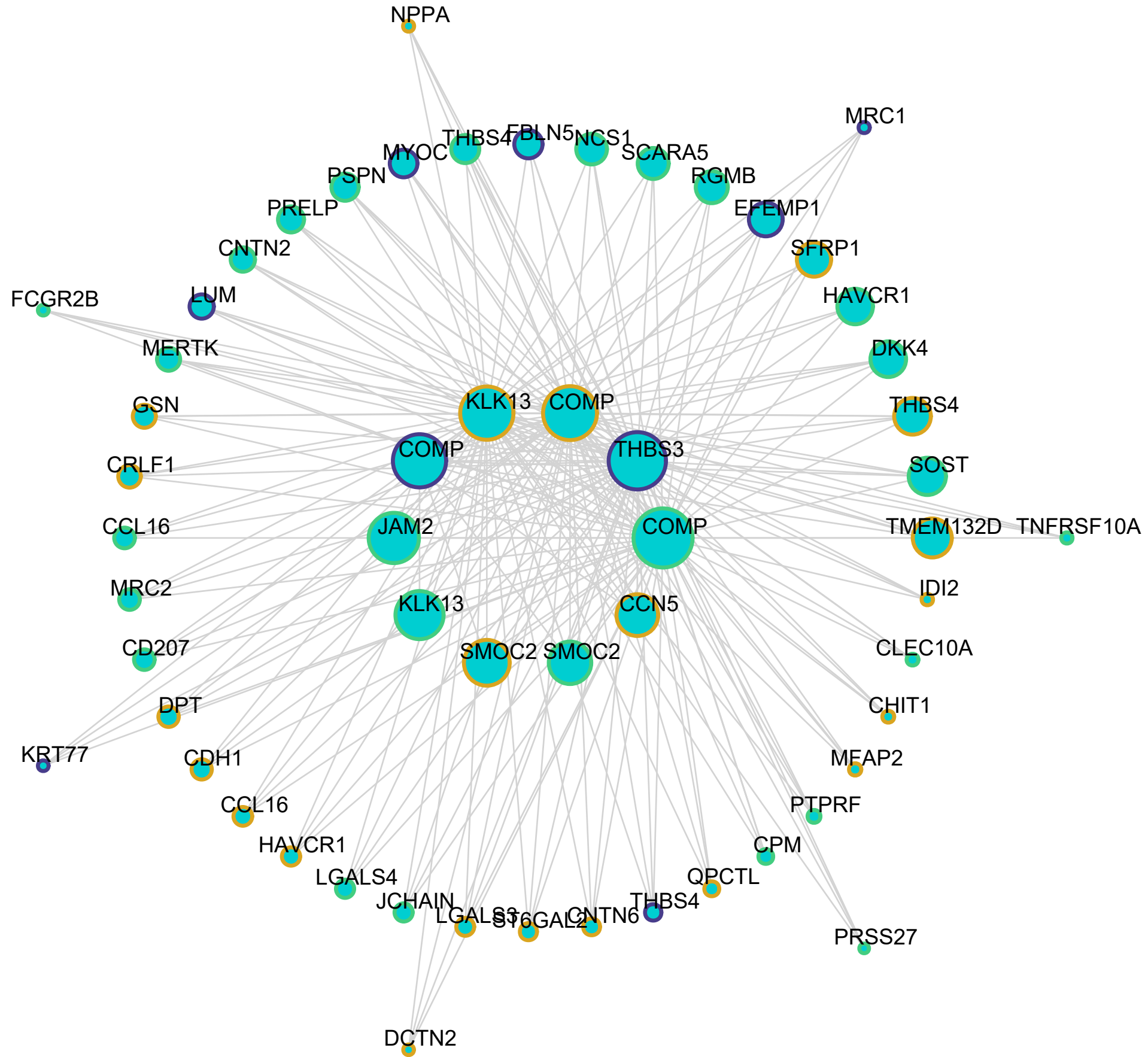
M12 tan module: Matrisome



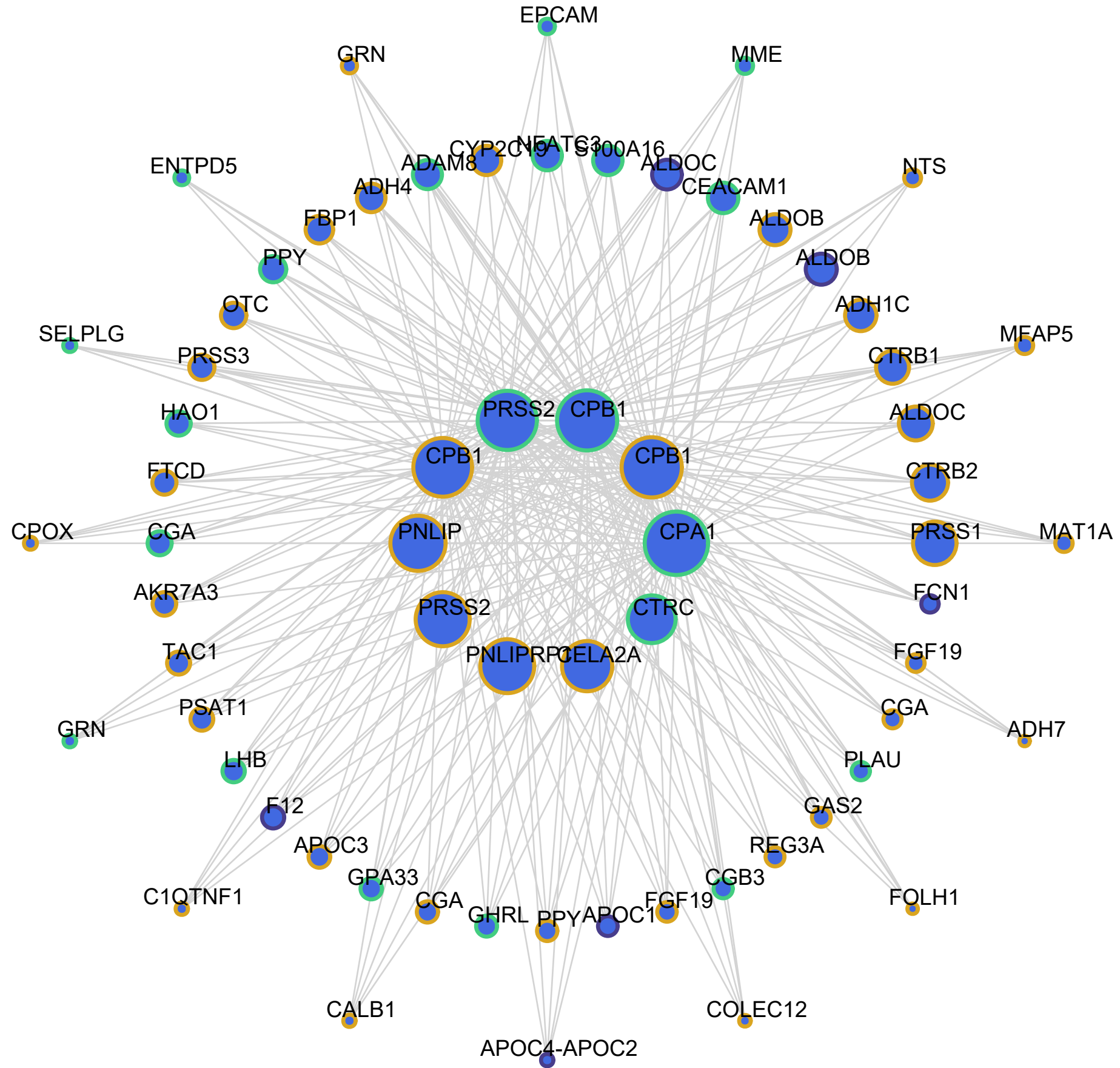
M18 lightgreen module: Cellular Adhesion/ECM Organization



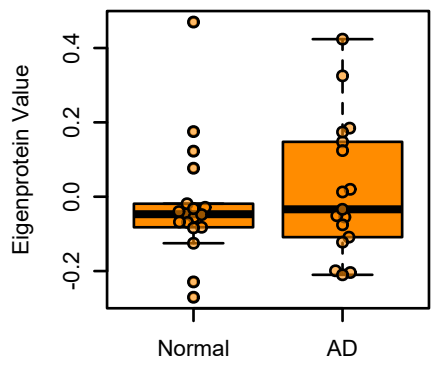
M23 darkturquoise module: Carbohydrate Binding/ECM



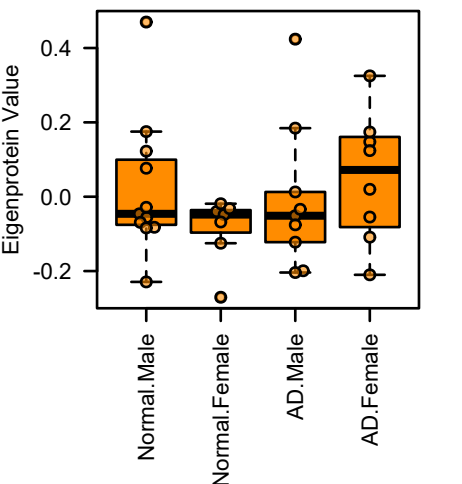
M20 royalblue module: Digestion



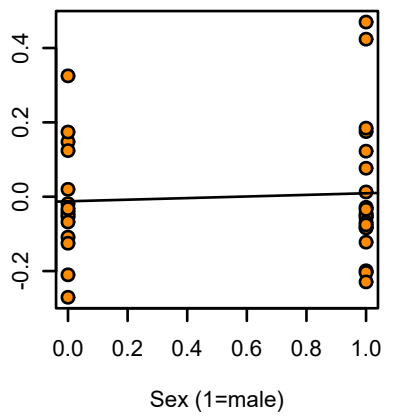
M26 darkorange
Age+Sex-disc. $p = 0.46$
Sex-discounted $p = 0.73$



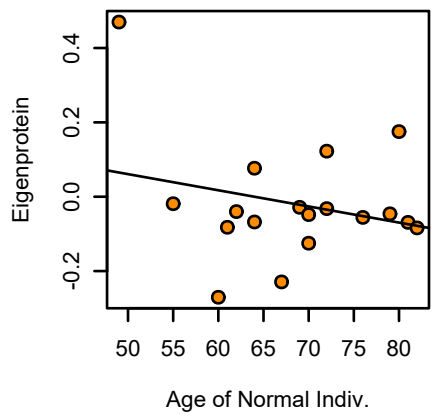
M26 darkorange
Bicarbonate Transport/Peroxidas
ANOVA $p = 0.42$



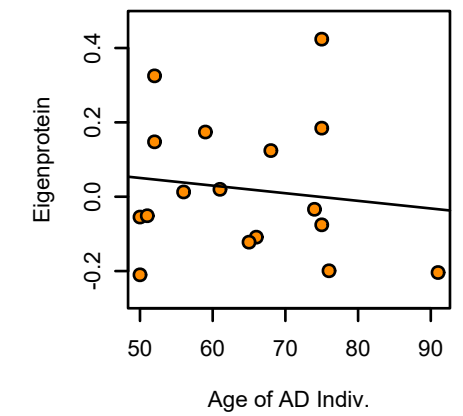
bicor=-0.047, p=0.79
cor=0.063, p=0.72



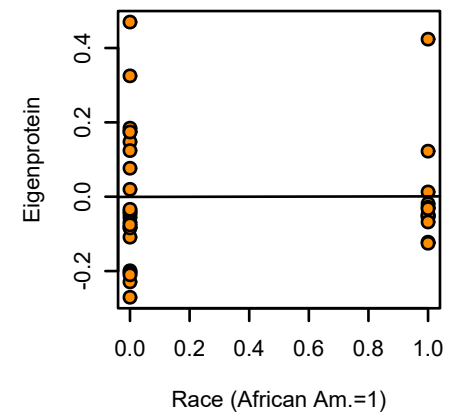
bicor=-0.031, p=0.9
cor=-0.25, p=0.32



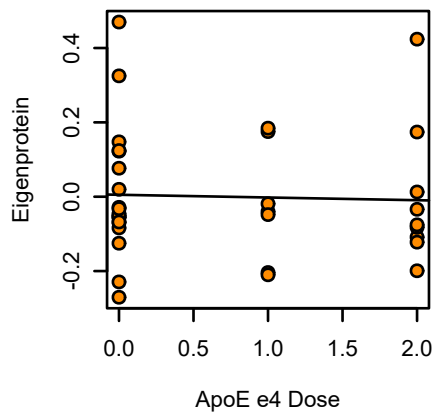
bicor=-0.15, p=0.56
cor=-0.13, p=0.62



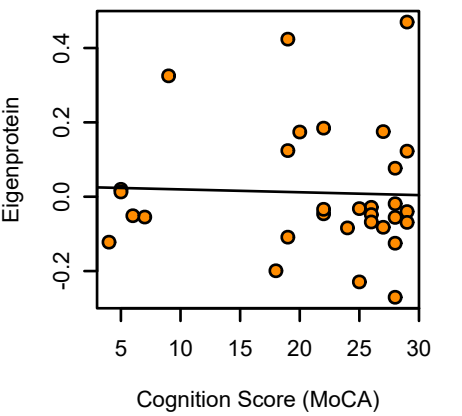
bicor=0.0059, p=0.97
cor=0.0038, p=0.98



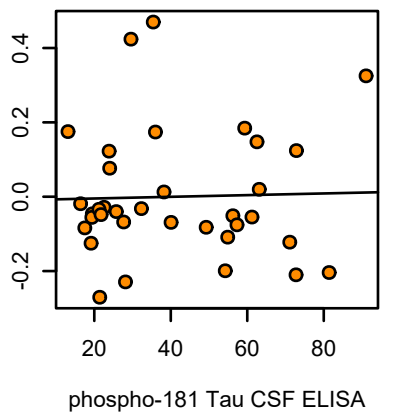
bicor=-0.088, p=0.61
cor=-0.037, p=0.83



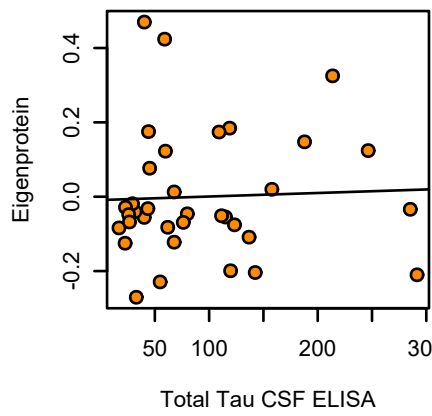
bicor=-0.14, p=0.45
cor=-0.037, p=0.84



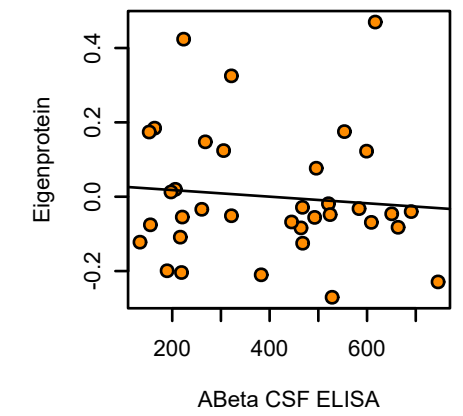
bicor=0.0086, p=0.96
cor=0.029, p=0.87



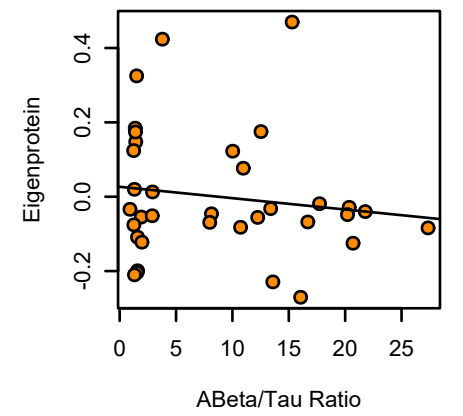
bicor=0.19, p=0.27
cor=0.041, p=0.82



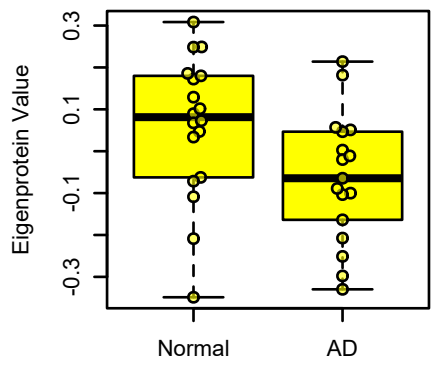
bicor=-0.16, p=0.36
cor=-0.096, p=0.58



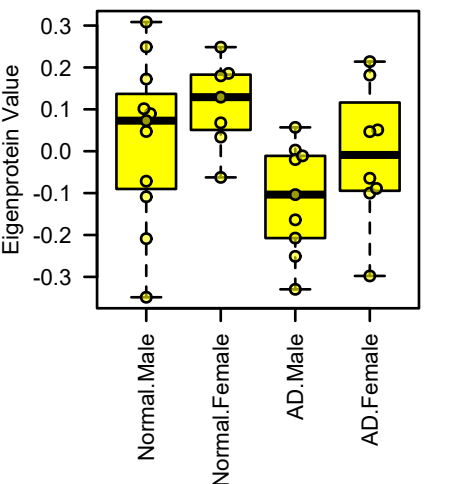
bicor=-0.17, p=0.33
cor=-0.14, p=0.42



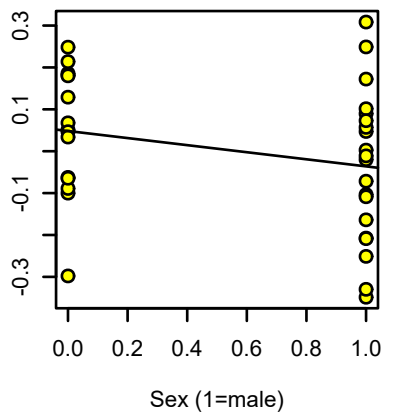
M4 yellow
Age+Sex-disc. $p = 0.022$
Sex-discounted $p = 0.022$



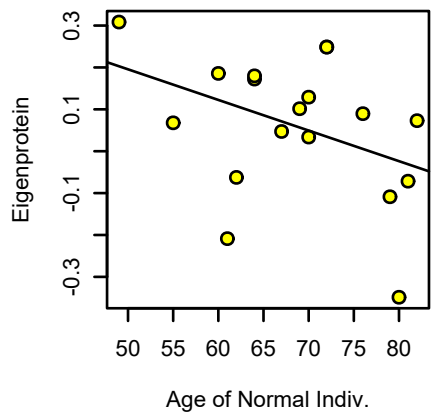
M4 yellow
T Cell Regulation
ANOVA $p = 0.051$



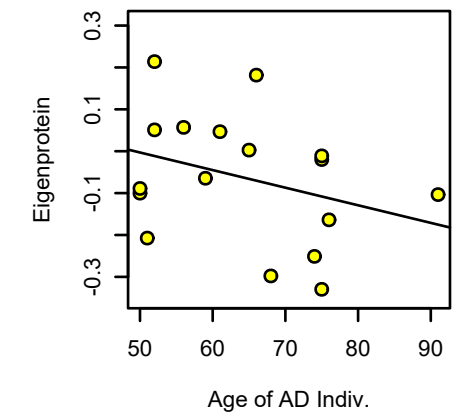
bicor=-0.25, p=0.16
cor=-0.25, p=0.15



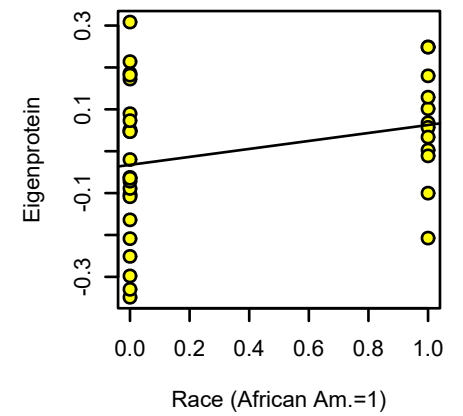
bicor=-0.36, p=0.14
cor=-0.4, p=0.1



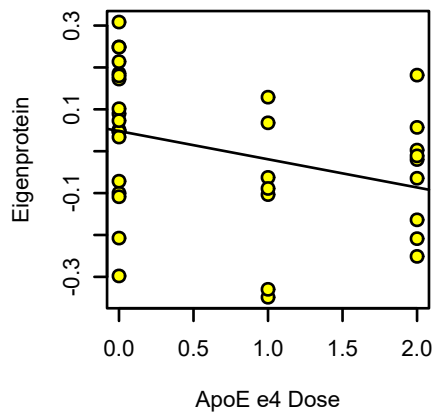
bicor=-0.33, p=0.19
cor=-0.33, p=0.2



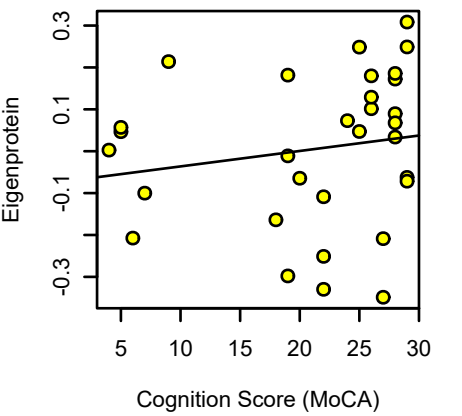
bicor=0.26, p=0.13
cor=0.27, p=0.12



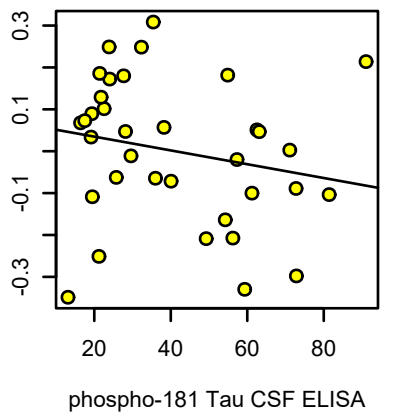
bicor=-0.34, p=0.044
cor=-0.34, p=0.046



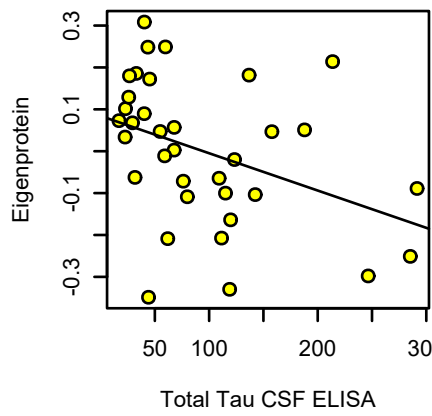
bicor=0.36, p=0.045
cor=0.17, p=0.36



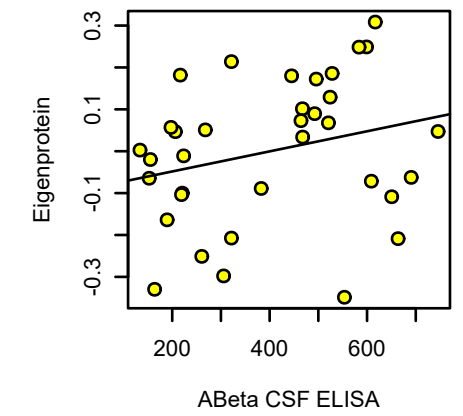
bicor=-0.28, p=0.1
cor=-0.21, p=0.23



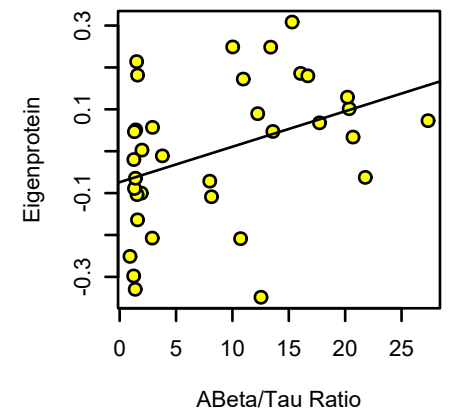
bicor=-0.42, p=0.011
cor=-0.39, p=0.021



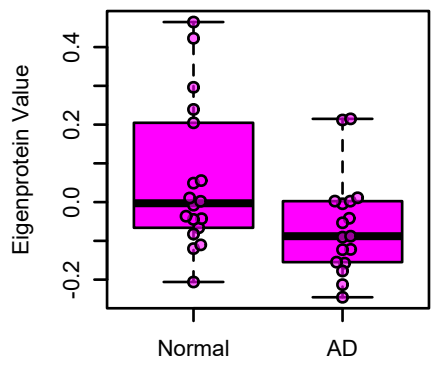
bicor=0.3, p=0.084
cor=0.26, p=0.13



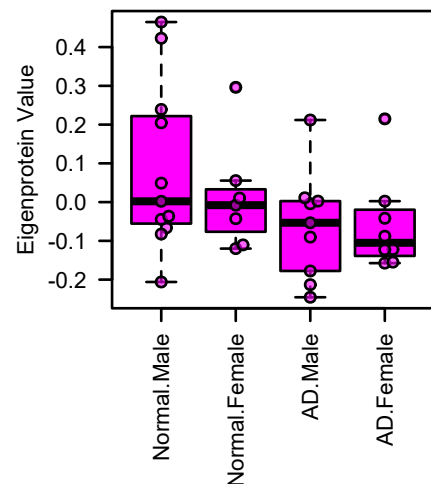
bicor=0.39, p=0.021
cor=0.39, p=0.021



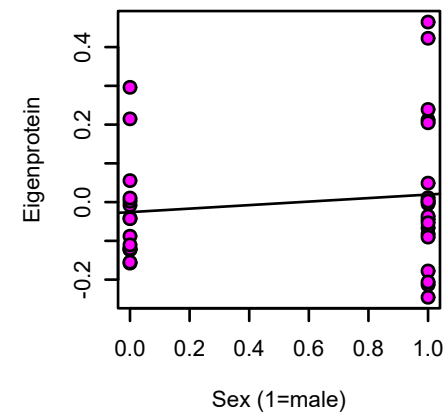
M9 magenta
Age+Sex-disc. $p = 0.21$
Sex-discounted $p = 0.1$



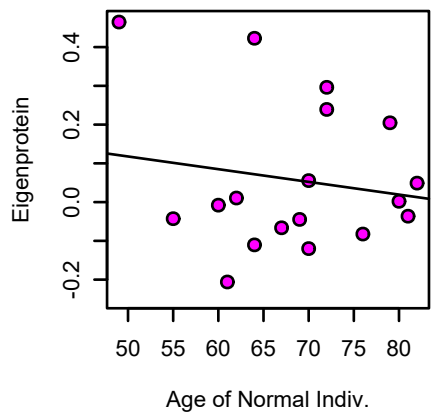
M9 magenta
Leukocyte Chemotaxis
ANOVA $p = 0.29$



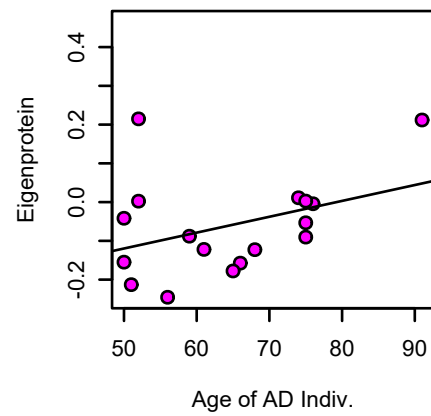
bicor=0.075, p=0.67
cor=0.13, p=0.46



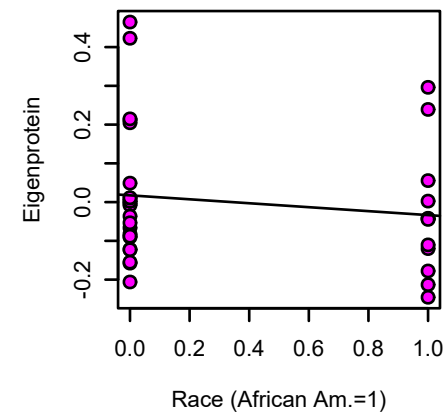
bicor=0.15, p=0.55
cor=-0.16, p=0.53



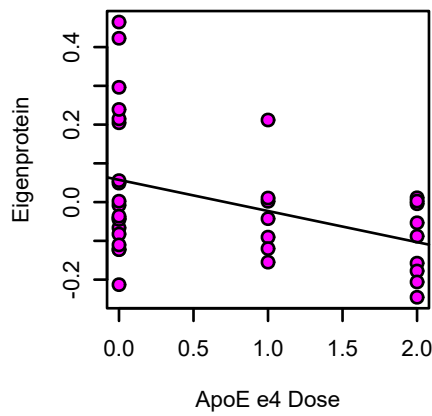
bicor=0.37, p=0.15
cor=0.38, p=0.13



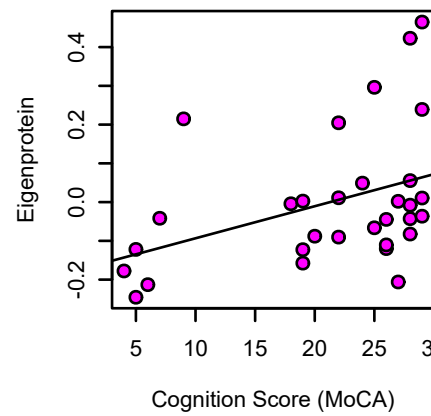
bicor=-0.12, p=0.49
cor=-0.14, p=0.42



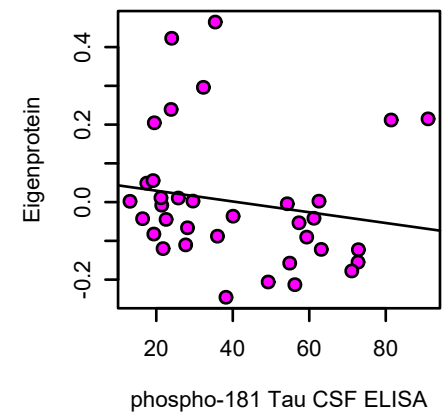
bicor=-0.38, p=0.022
cor=-0.4, p=0.017



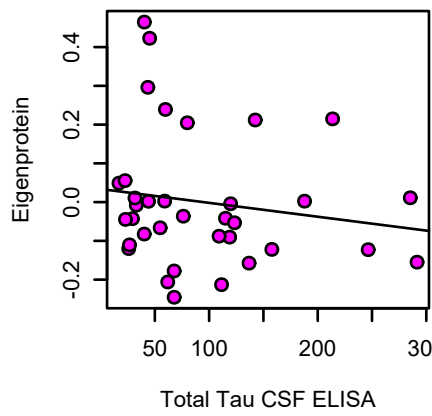
bicor=0.22, p=0.23
cor=0.39, p=0.03



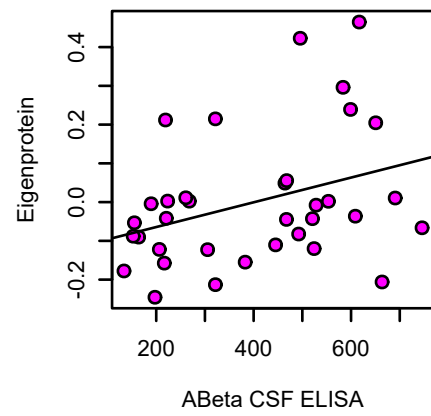
bicor=-0.21, p=0.23
cor=-0.18, p=0.3



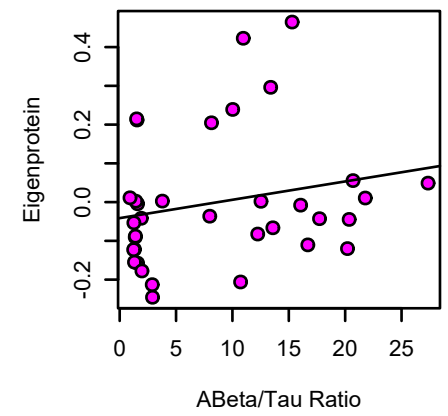
bicor=-0.069, p=0.69
cor=-0.16, p=0.36



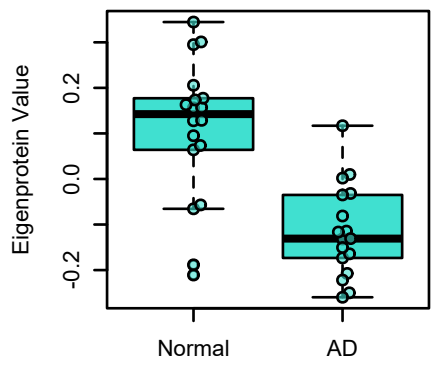
bicor=0.27, p=0.11
cor=0.34, p=0.046



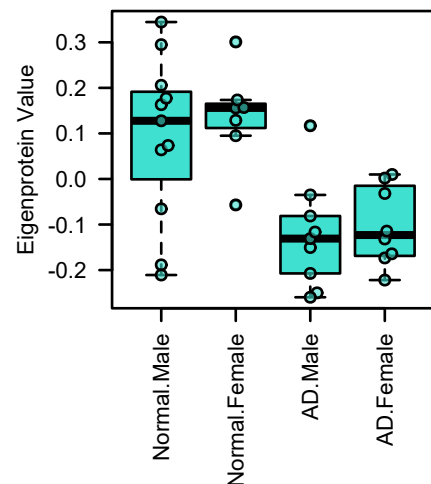
bicor=0.23, p=0.19
cor=0.22, p=0.2



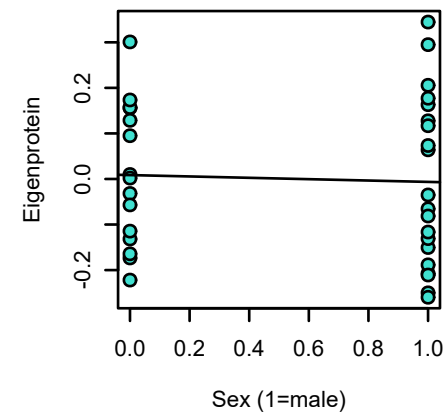
M1 turquoise
Age+Sex-disc. $p = 0.00033$
Sex-discounted $p = 9.3e-05$



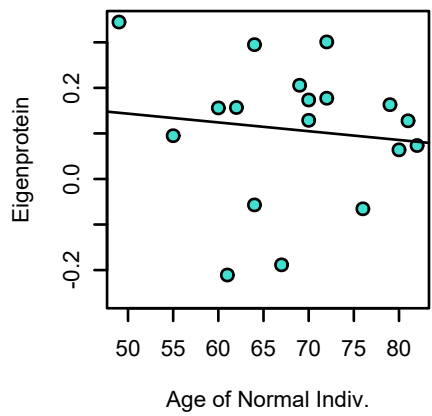
M1 turquoise
Cellular Metabolism/Intracellular Tran
ANOVA $p = 0.00099$



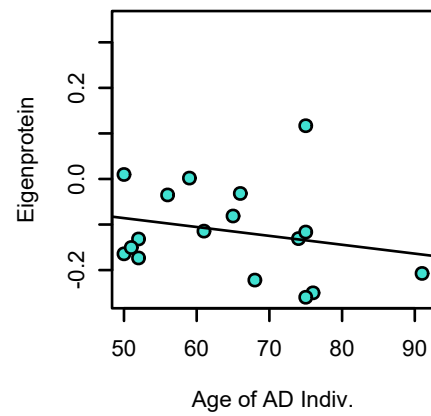
bicor=-0.049, p=0.78
cor=-0.044, p=0.8



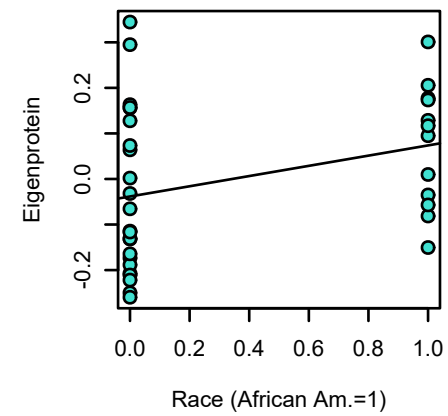
bicor=-0.18, p=0.48
cor=-0.11, p=0.66



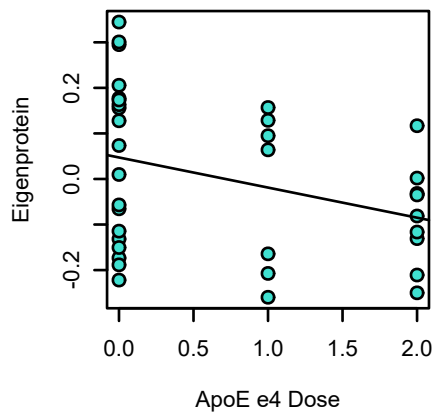
bicor=-0.27, p=0.29
cor=-0.23, p=0.37



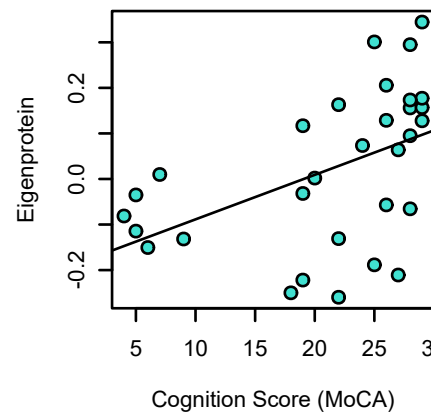
bicor=0.32, p=0.061
cor=0.31, p=0.07



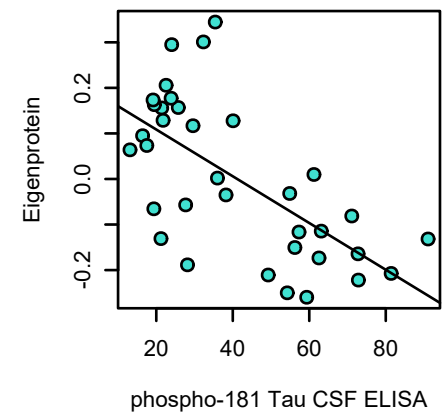
bicor=-0.32, p=0.062
cor=-0.33, p=0.053



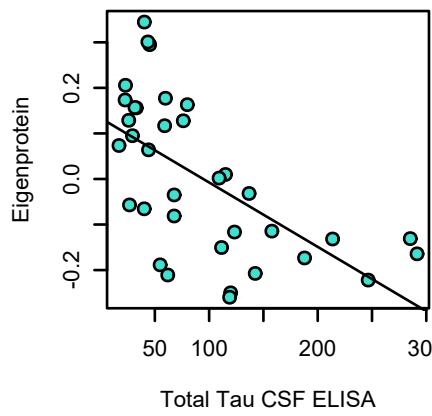
bicor=0.55, p=0.0014
cor=0.48, p=0.0063



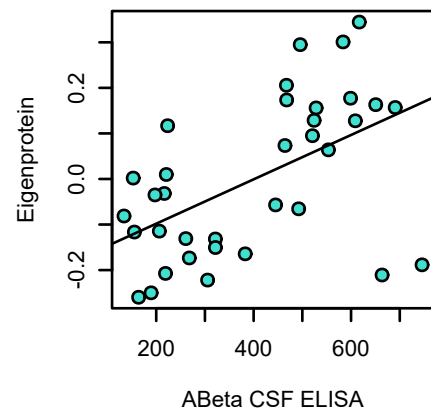
bicor=-0.61, p=0.00011
cor=-0.65, p=2.4e-05



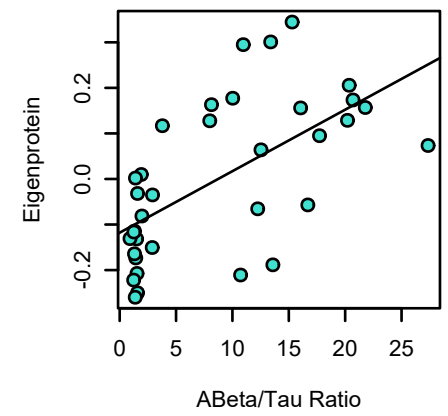
bicor=-0.6, p=0.00013
cor=-0.62, p=7.1e-05

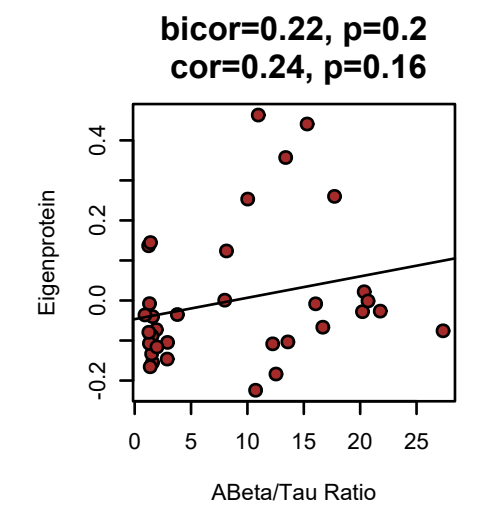
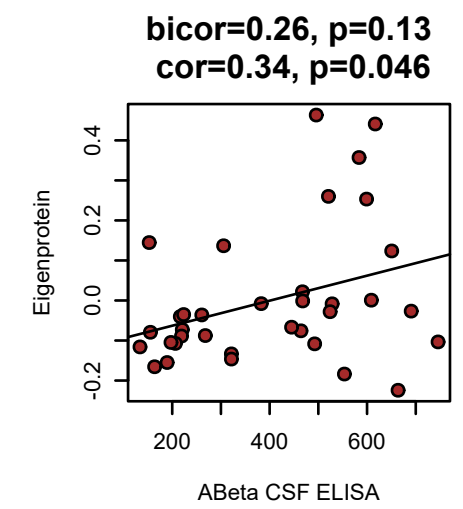
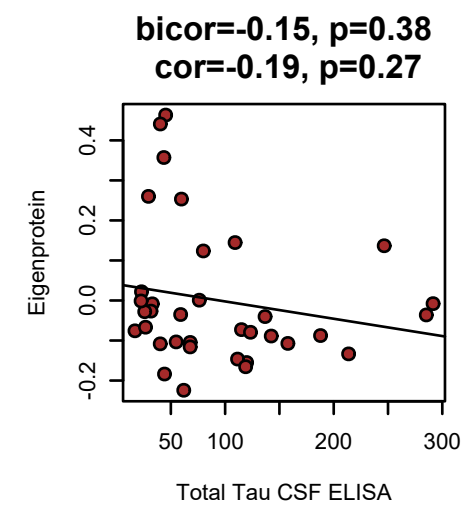
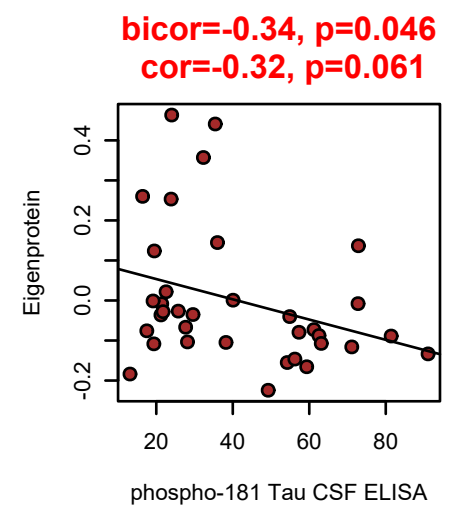
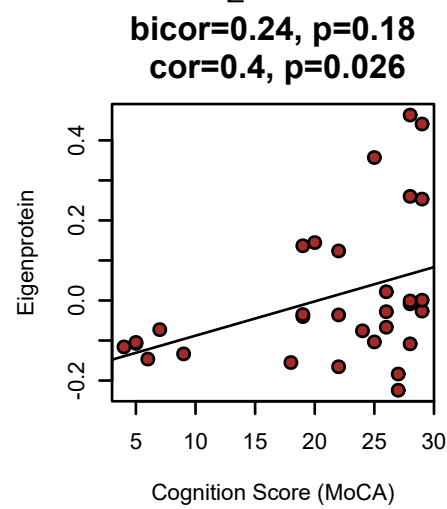
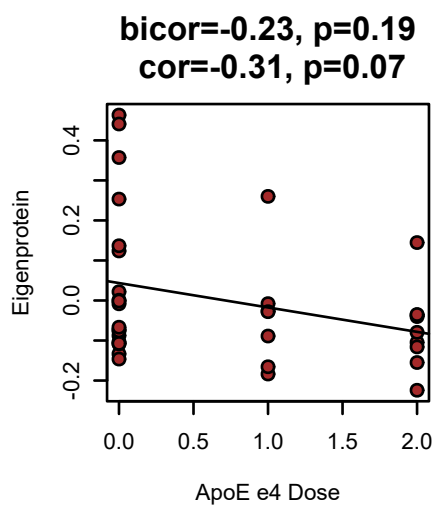
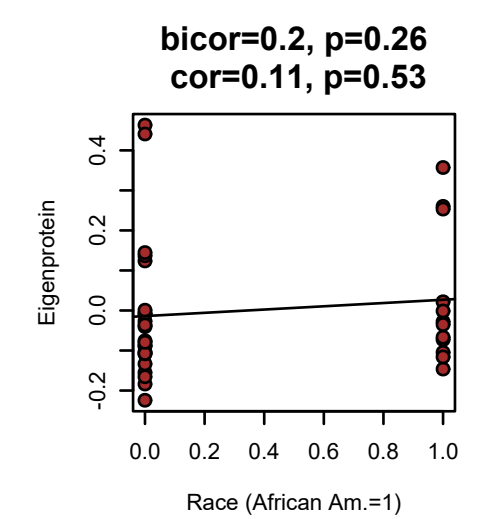
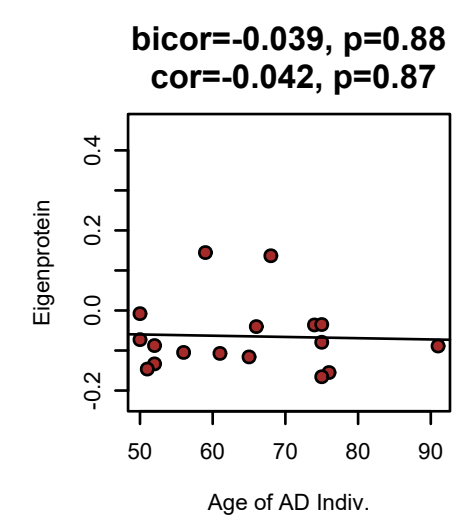
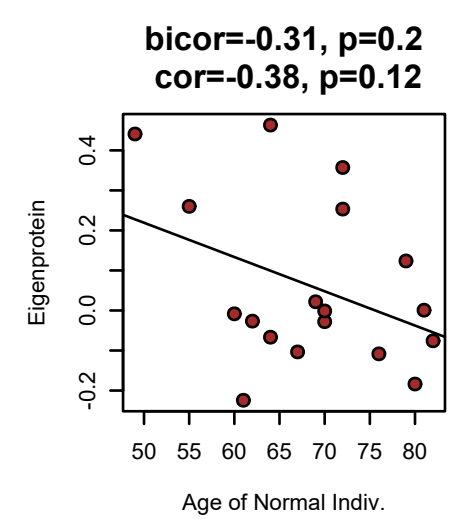
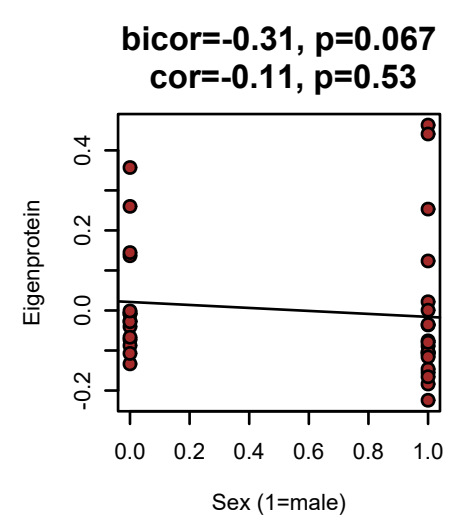
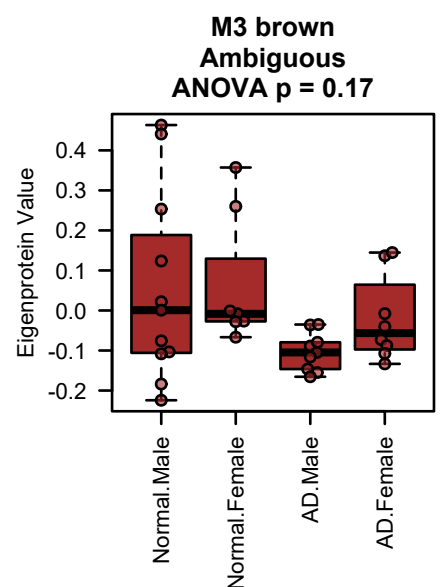
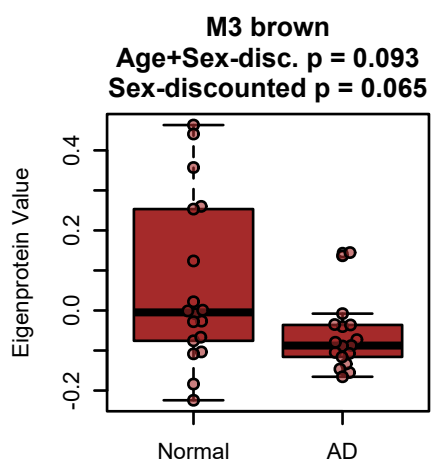
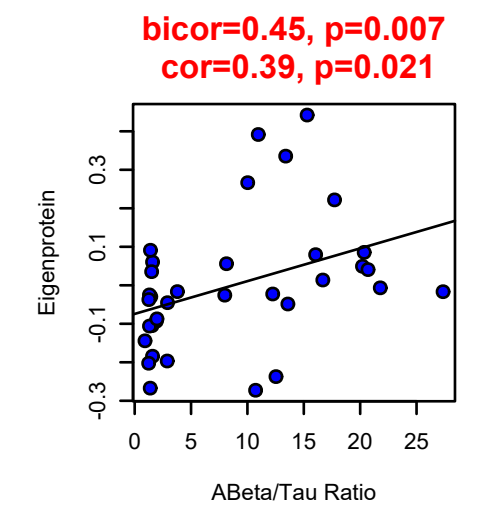
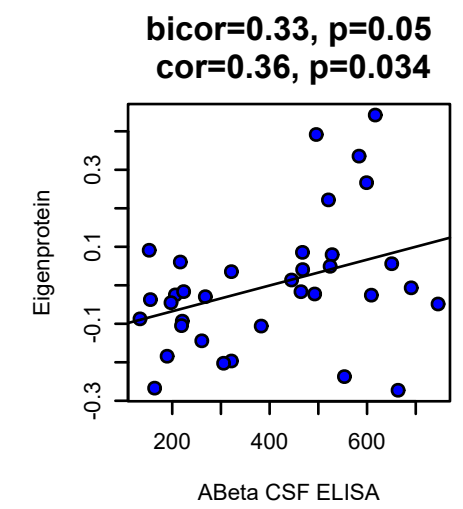
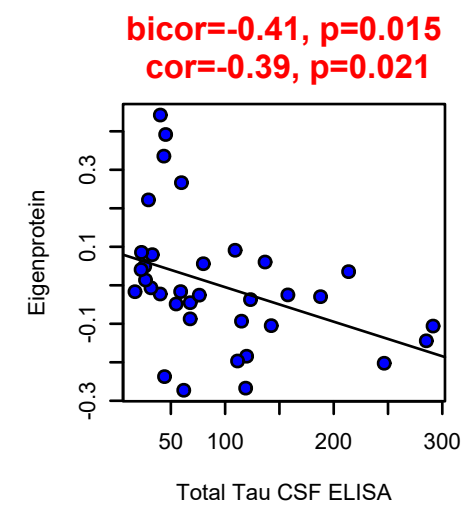
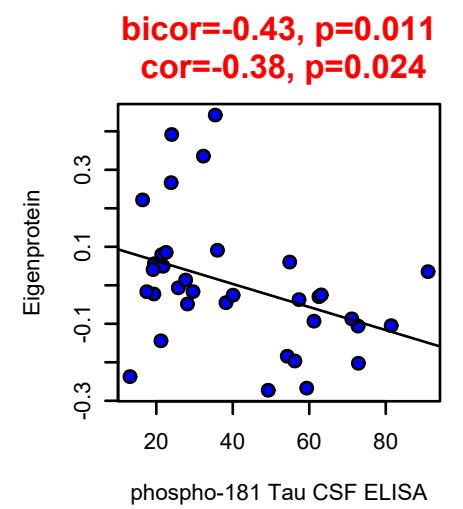
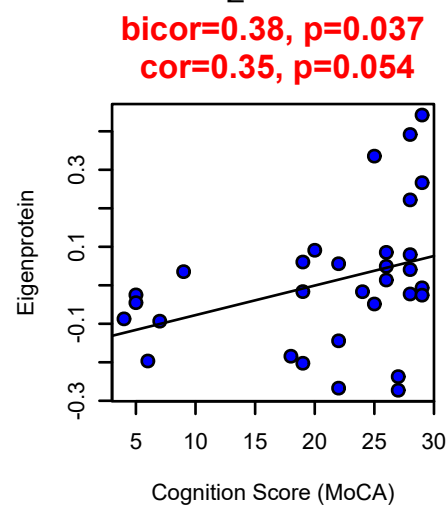
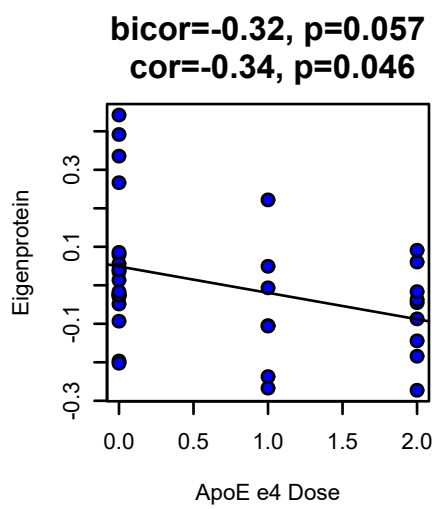
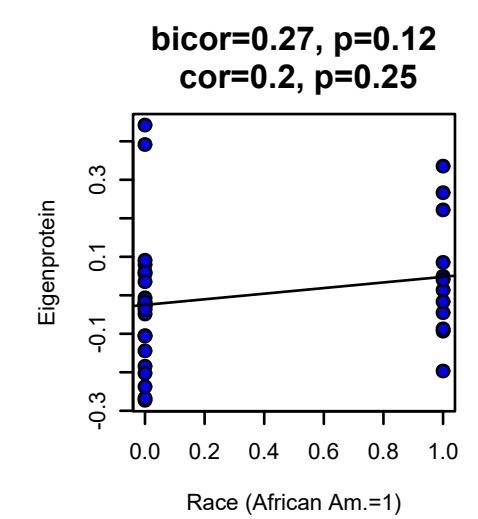
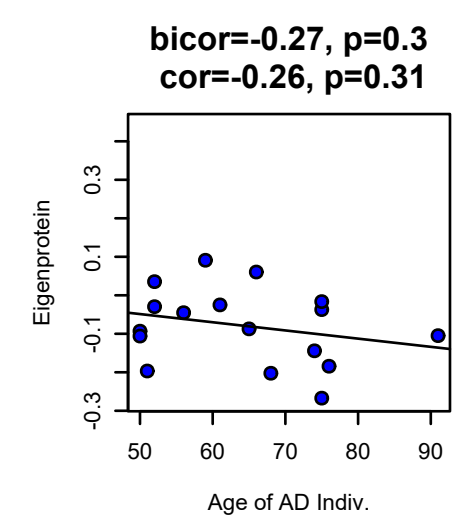
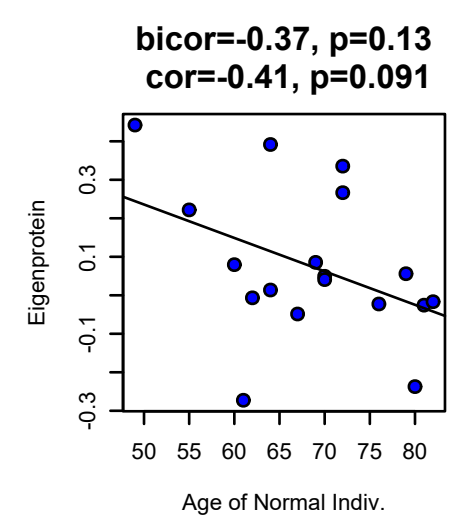
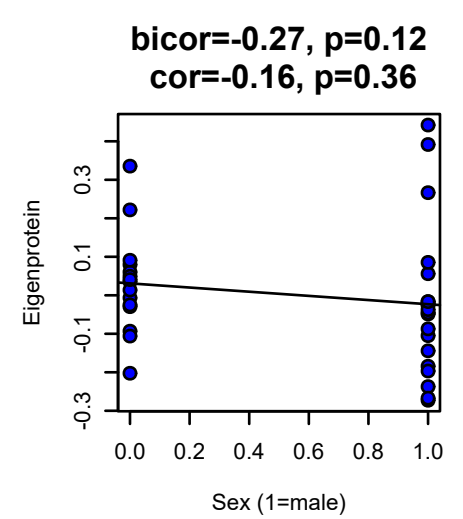
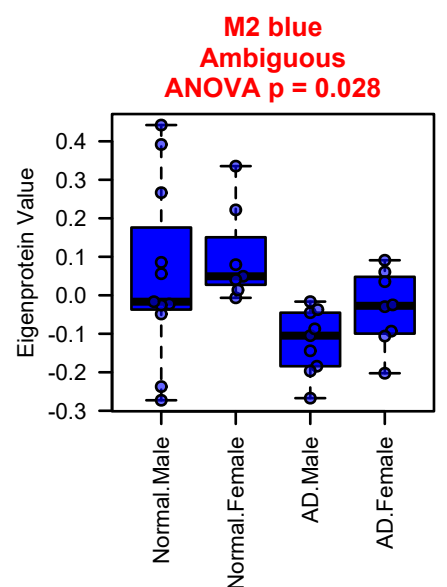
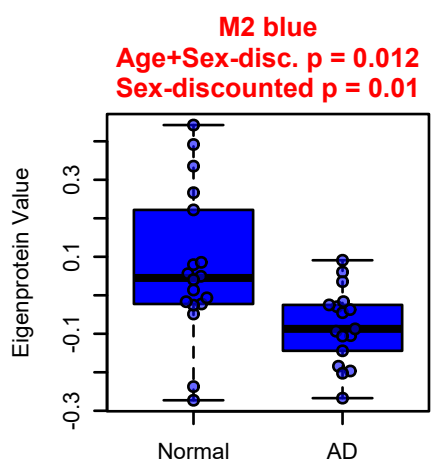


bicor=0.47, p=0.0042
cor=0.52, p=0.0014

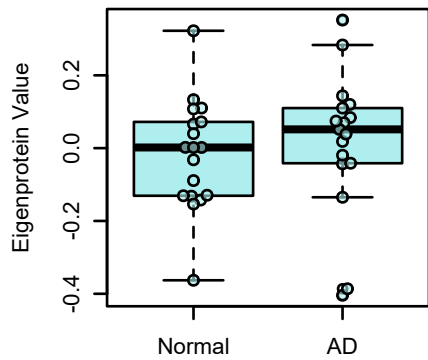


bicor=0.64, p=3.5e-05
cor=0.62, p=7.1e-05

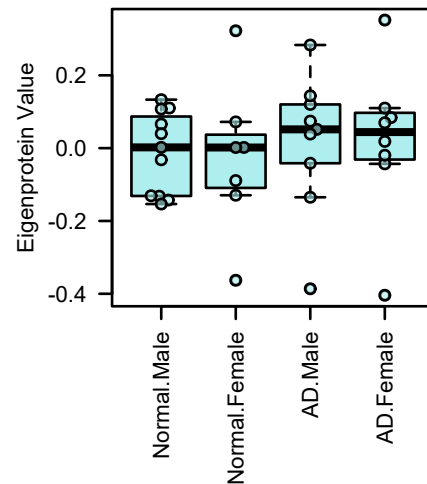




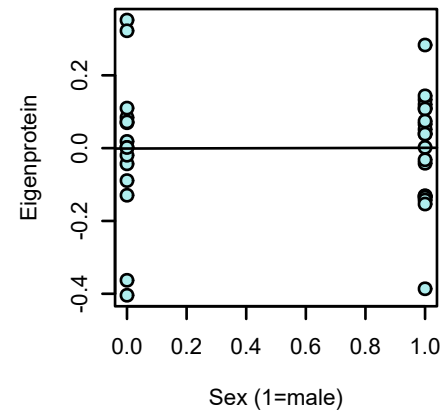
M31 paleturquoise
Age+Sex-disc. $p = 0.88$
Sex-discounted $p = 0.83$



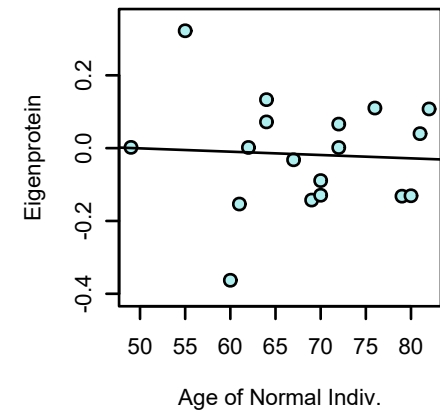
M31 paleturquoise
Adhesion/ECM
ANOVA $p = 0.95$



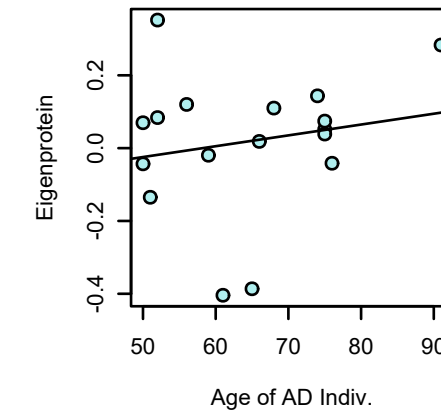
bicor=-0.0063, p=0.97
cor=0.0056, p=0.97



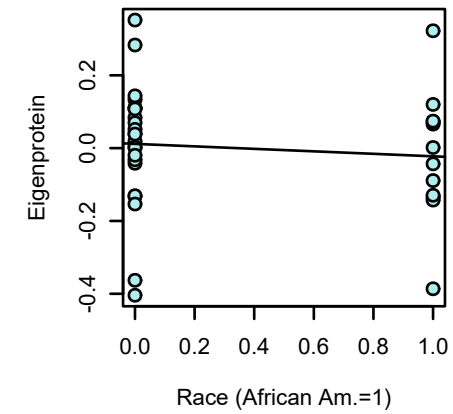
bicor=-0.037, p=0.88
cor=-0.056, p=0.83



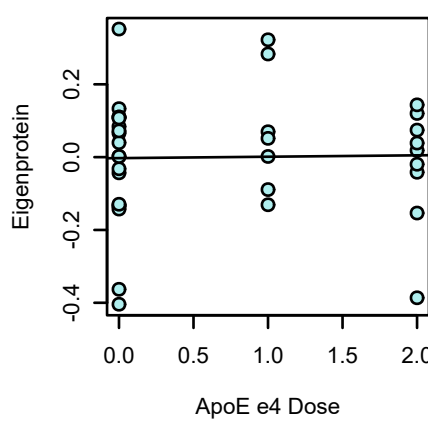
bicor=0.26, p=0.31
cor=0.18, p=0.49



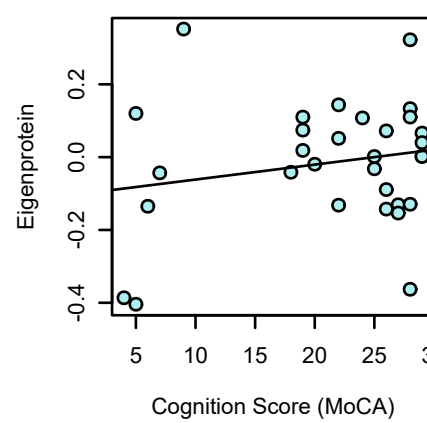
bicor=-0.12, p=0.48
cor=-0.096, p=0.58



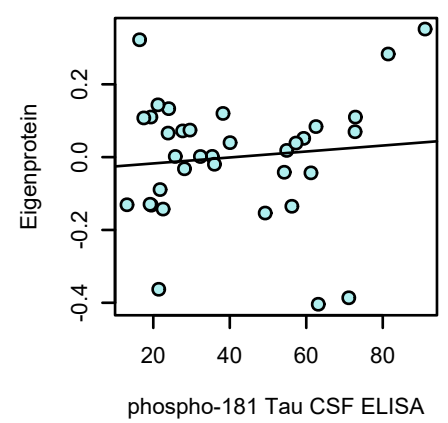
bicor=0.027, p=0.88
cor=0.019, p=0.91



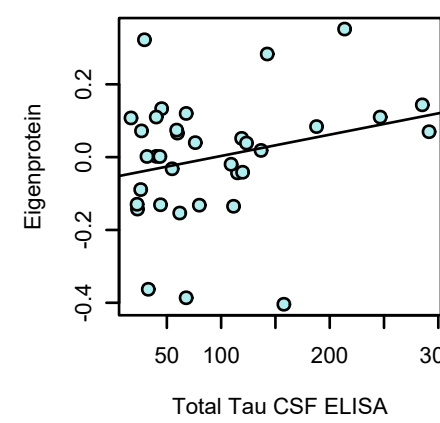
bicor=-0.022, p=0.91
cor=0.2, p=0.28



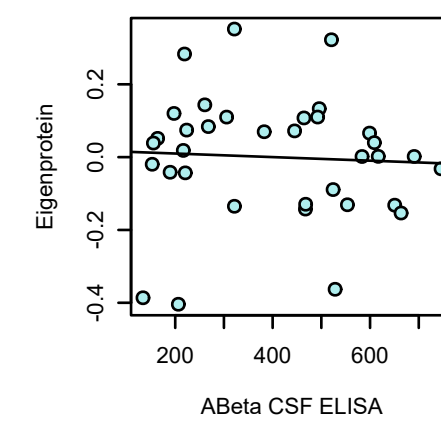
bicor=0.088, p=0.62
cor=0.1, p=0.57



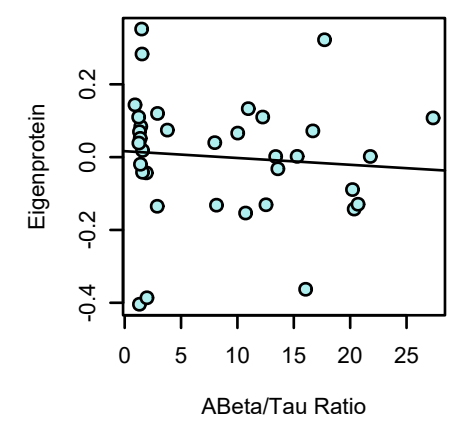
bicor=0.22, p=0.19
cor=0.26, p=0.13



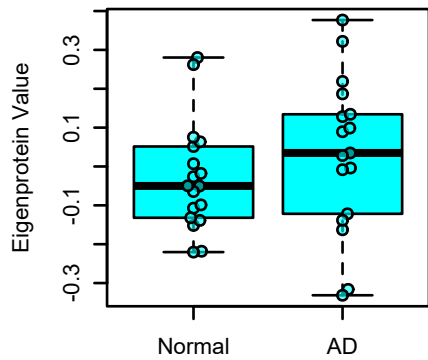
bicor=-0.12, p=0.5
cor=-0.053, p=0.76



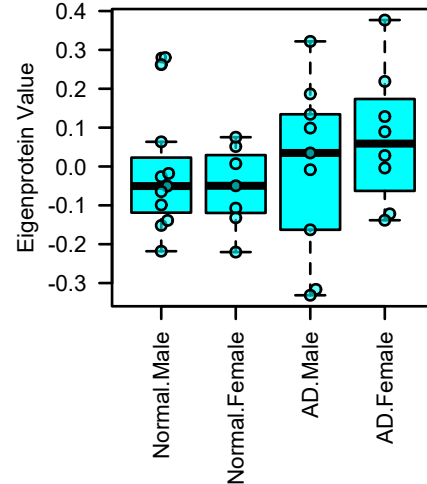
bicor=-0.16, p=0.37
cor=-0.085, p=0.63



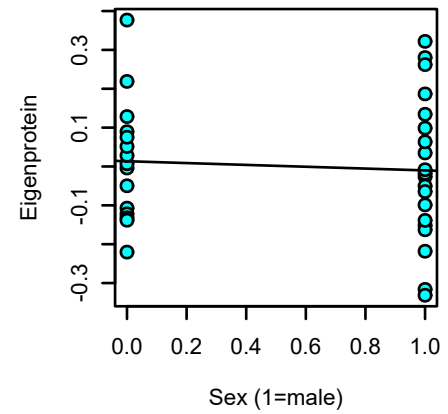
M14 cyan
Age+Sex-disc. $p = 0.76$
Sex-discounted $p = 0.56$



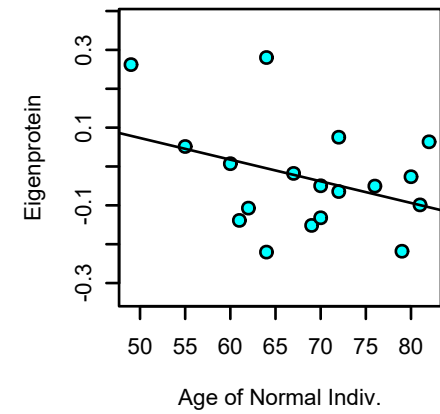
M14 cyan
Innate Immune Response
ANOVA $p = 0.72$



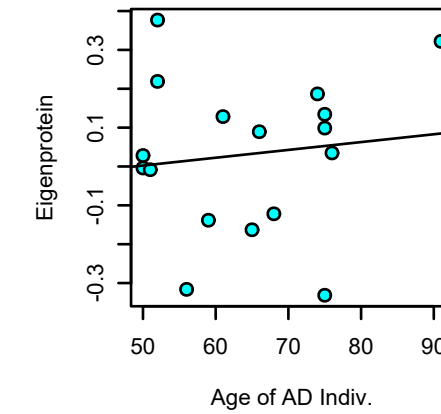
bicor=-0.06, p=0.73
cor=-0.069, p=0.69



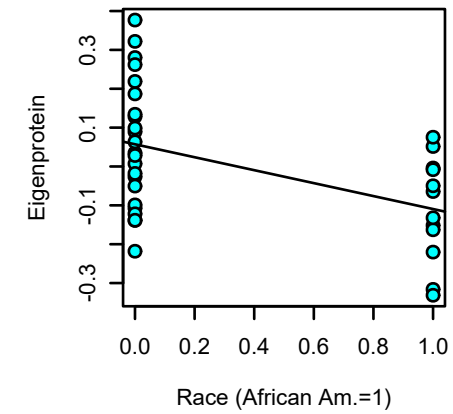
bicor=-0.3, p=0.22
cor=-0.37, p=0.13



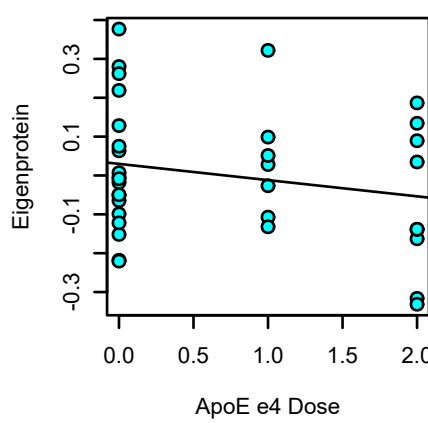
bicor=0.12, p=0.66
cor=0.12, p=0.65



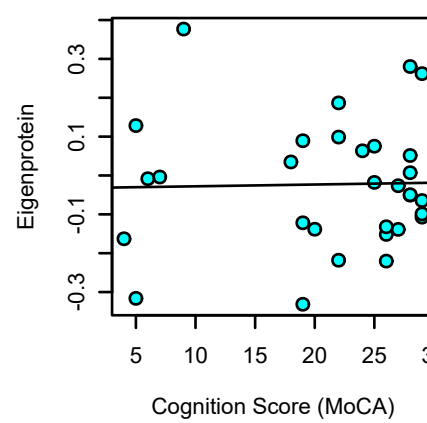
bicor=-0.46, p=0.005
cor=-0.47, p=0.0044



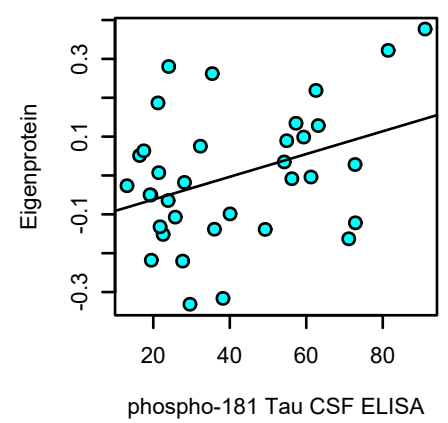
bicor=-0.19, p=0.28
cor=-0.21, p=0.23



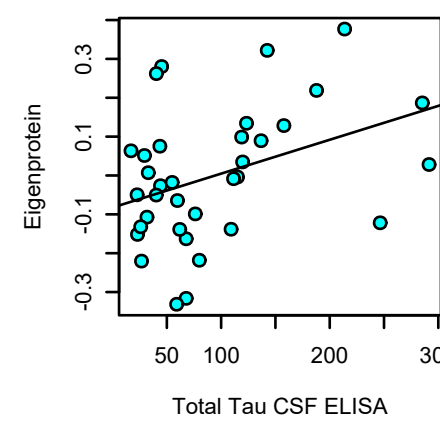
bicor=0.0074, p=0.97
cor=0.023, p=0.9



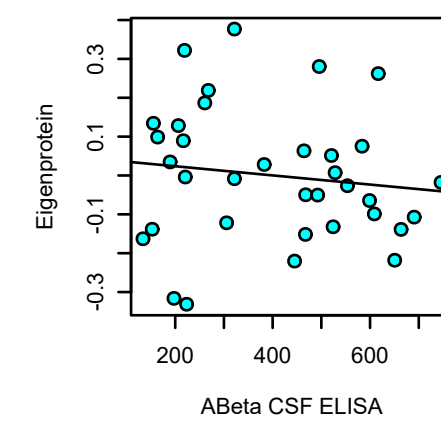
bicor=0.33, p=0.056
cor=0.37, p=0.029



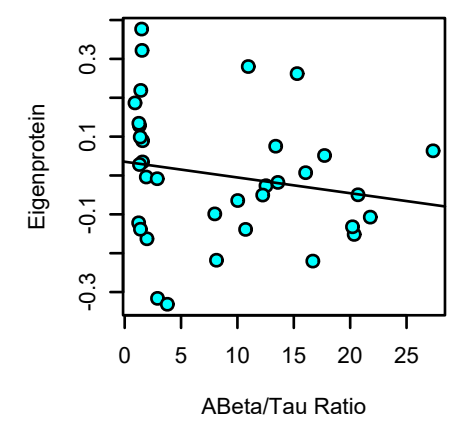
bicor=0.41, p=0.014
cor=0.38, p=0.024



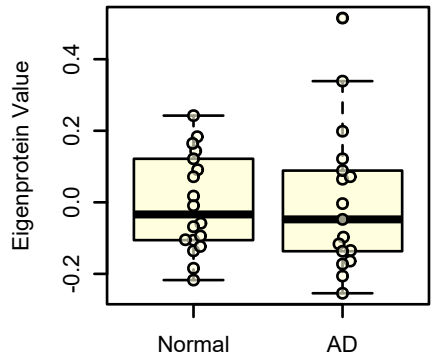
bicor=-0.16, p=0.37
cor=-0.13, p=0.46



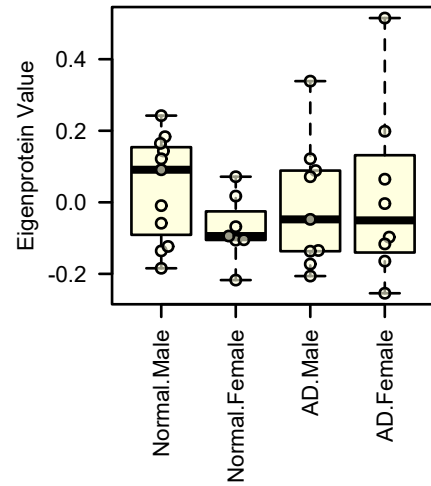
bicor=-0.2, p=0.26
cor=-0.18, p=0.3



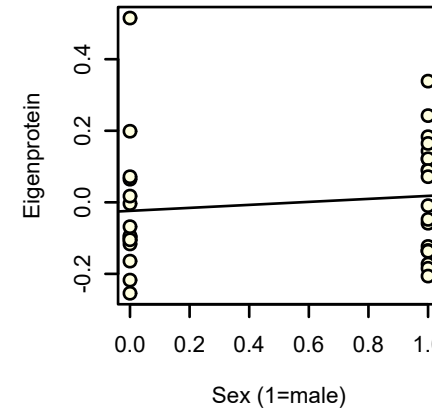
M19 lightyellow
Age+Sex-disc. $p = 0.9$
Sex-discounted $p = 0.77$



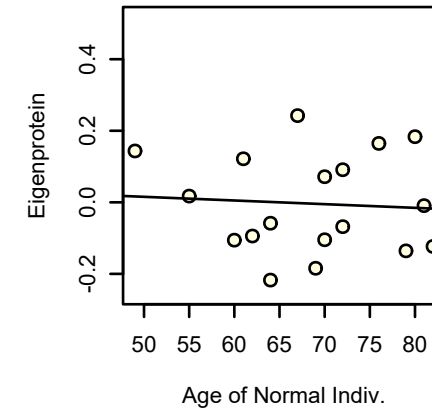
M19 lightyellow
Leukocyte Activation
ANOVA $p = 0.73$



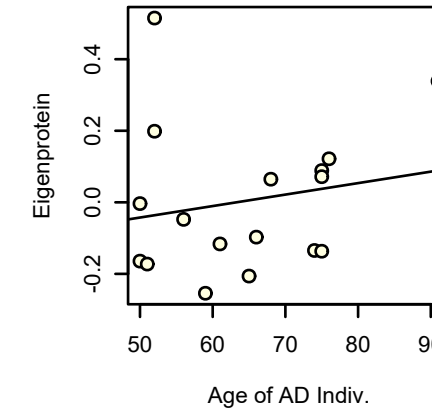
bicor=0.17, p=0.32
cor=0.12, p=0.49



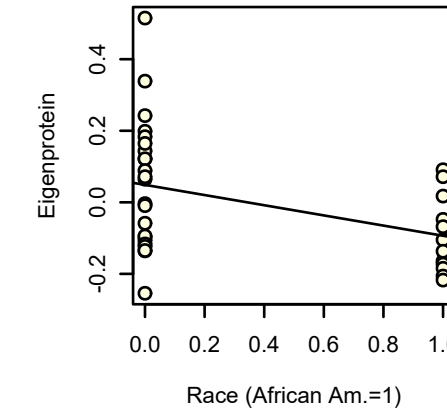
bicor=-0.07, p=0.78
cor=-0.069, p=0.79



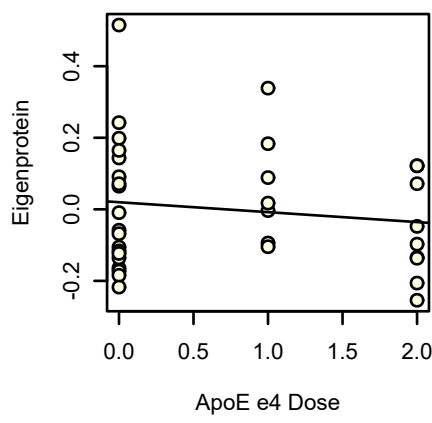
bicor=0.24, p=0.35
cor=0.19, p=0.47



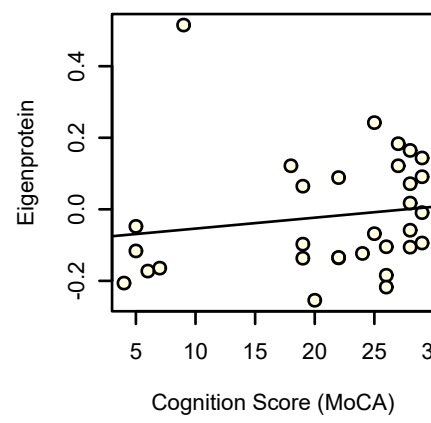
bicor=-0.4, p=0.018
cor=-0.4, p=0.017



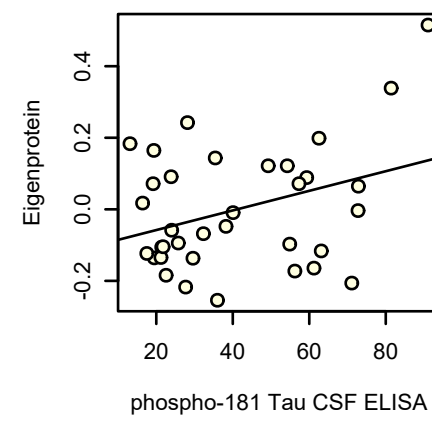
bicor=-0.11, p=0.52
cor=-0.14, p=0.42



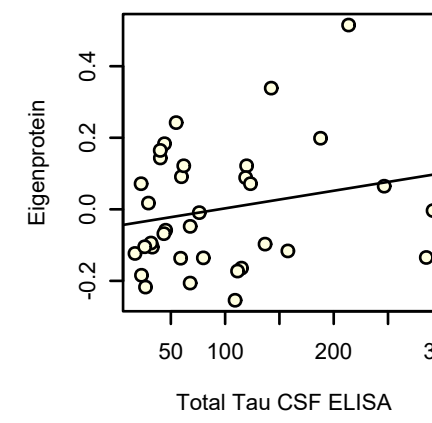
bicor=0.18, p=0.32
cor=0.15, p=0.42



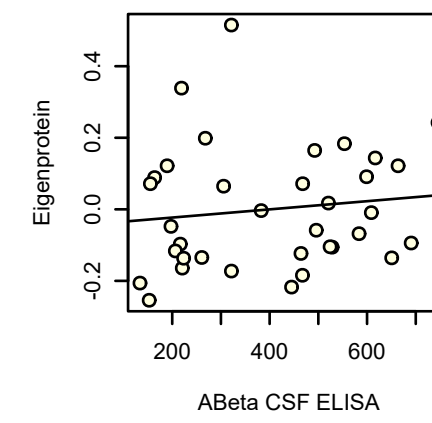
bicor=0.28, p=0.11
cor=0.35, p=0.039



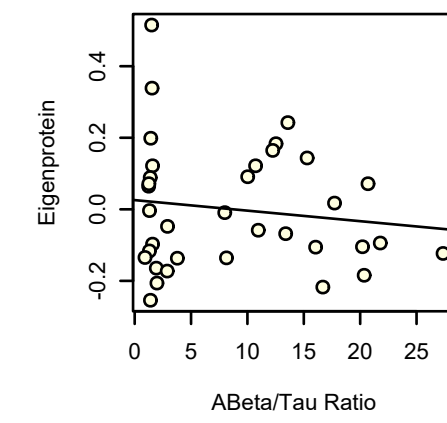
bicor=0.27, p=0.12
cor=0.21, p=0.23



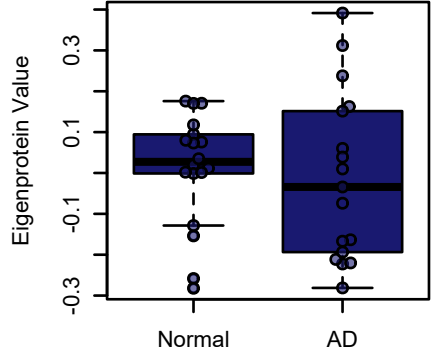
bicor=0.1, p=0.57
cor=0.12, p=0.49



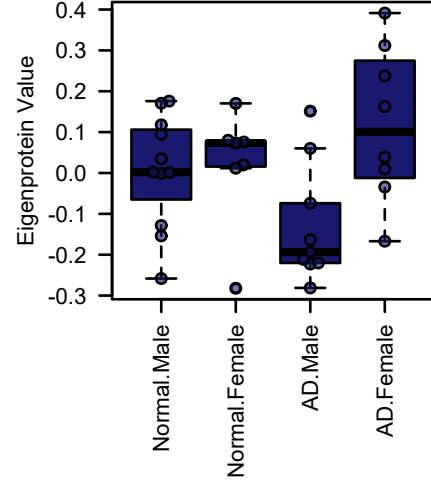
bicor=-0.067, p=0.7
cor=-0.13, p=0.46



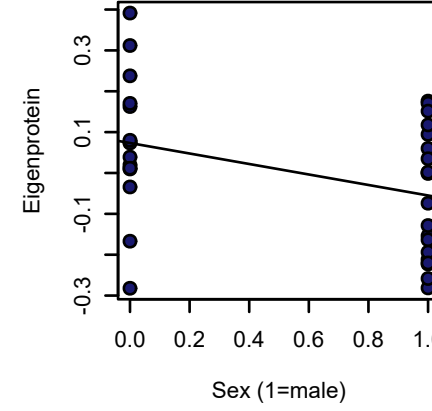
M15 midnightblue
Age+Sex-disc. $p = 0.13$
Sex-discounted $p = 0.072$



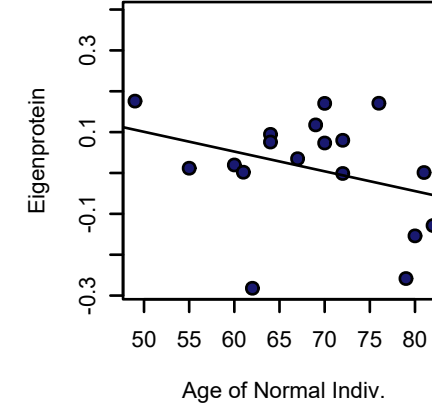
M15 midnightblue
Lipid Biosynthesis/Immune Respor
ANOVA $p = 0.048$



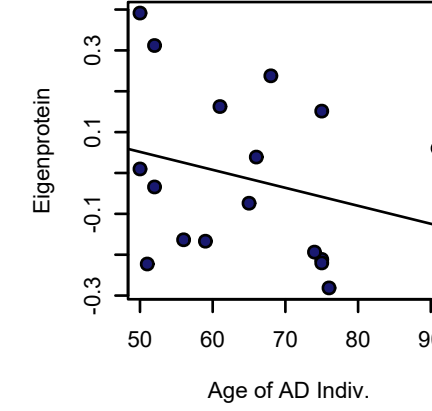
bicor=-0.37, p=0.028
cor=-0.38, p=0.024



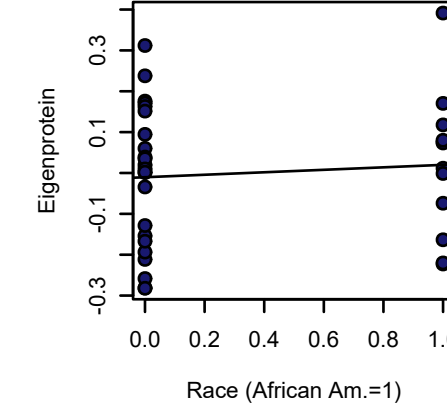
bicor=-0.37, p=0.13
cor=-0.33, p=0.18



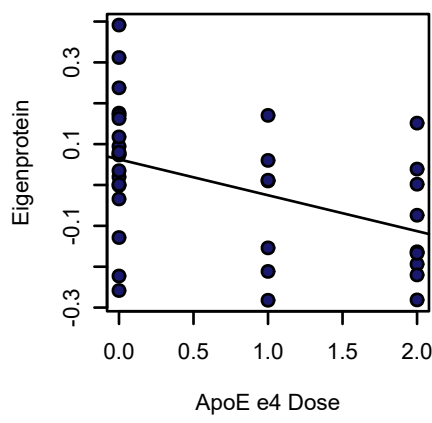
bicor=-0.26, p=0.32
cor=-0.26, p=0.31



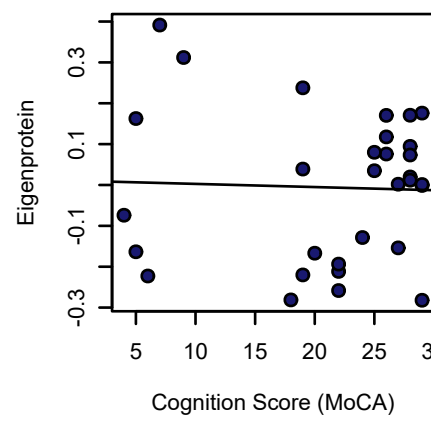
bicor=0.076, p=0.67
cor=0.085, p=0.63



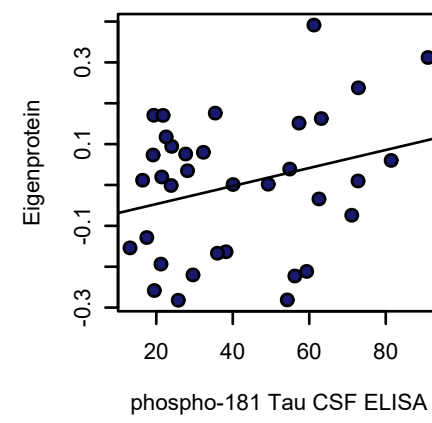
bicor=-0.44, p=0.0076
cor=-0.44, p=0.0082



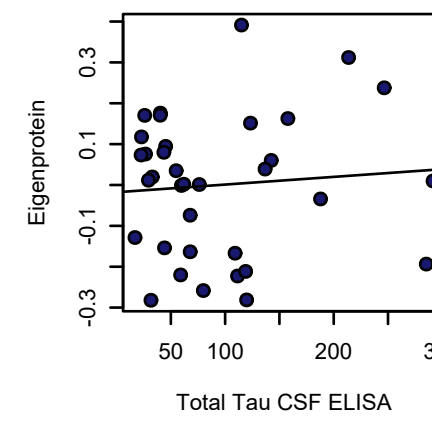
bicor=0.13, p=0.48
cor=-0.036, p=0.85



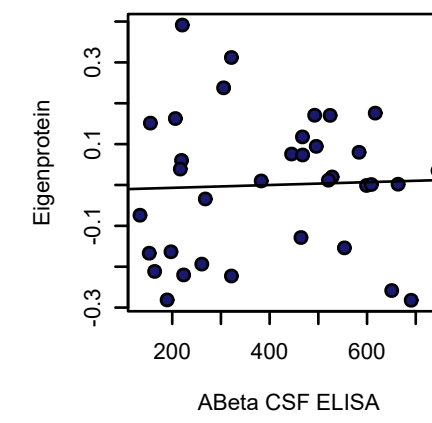
bicor=0.22, p=0.21
cor=0.28, p=0.1



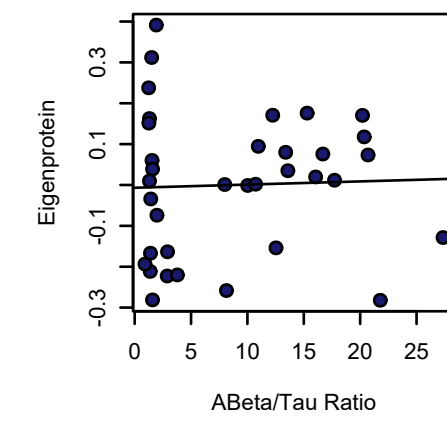
bicor=0.058, p=0.74
cor=0.082, p=0.64



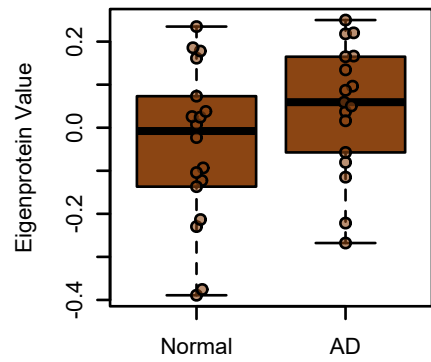
bicor=0.065, p=0.71
cor=0.037, p=0.83



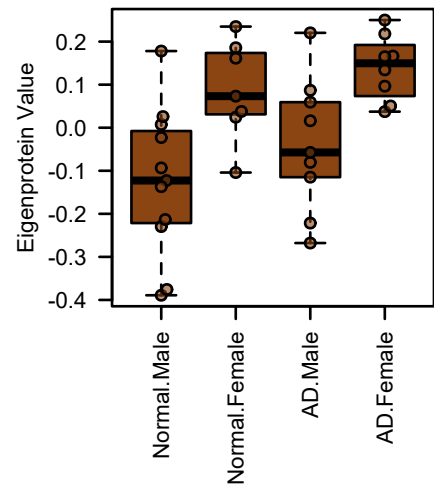
bicor=0.061, p=0.73
cor=0.035, p=0.84



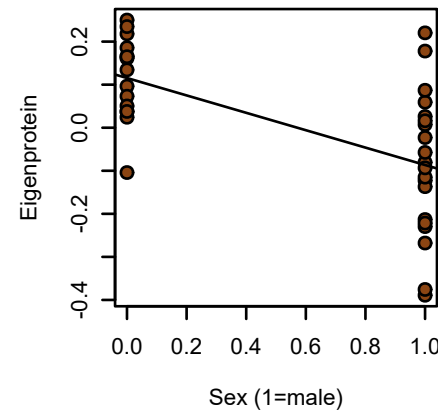
M29 saddlebrown
Age+Sex-disc. $p = 4.4e-05$
Sex-discounted $p = 0.00034$



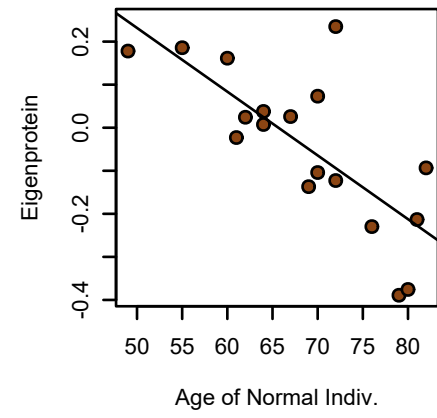
M29 saddlebrown
IGF-Growth/GAG Binding
ANOVA $p = 0.00011$



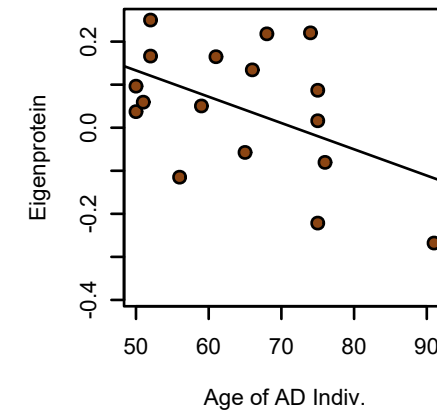
bicor=-0.6, p=0.00015
cor=-0.59, p=0.00019



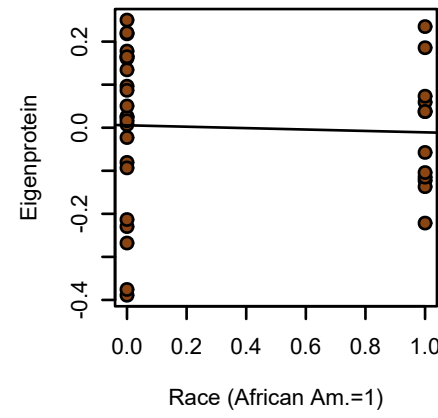
bicor=-0.73, p=0.00056
cor=-0.75, p=0.00034



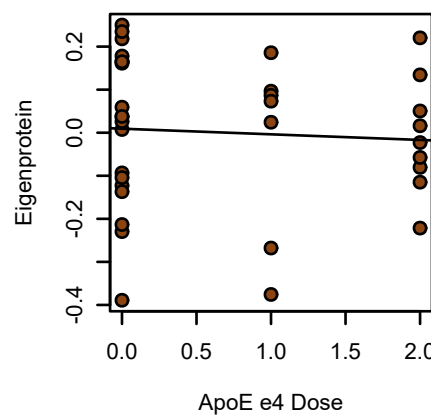
bicor=-0.43, p=0.086
cor=-0.48, p=0.051



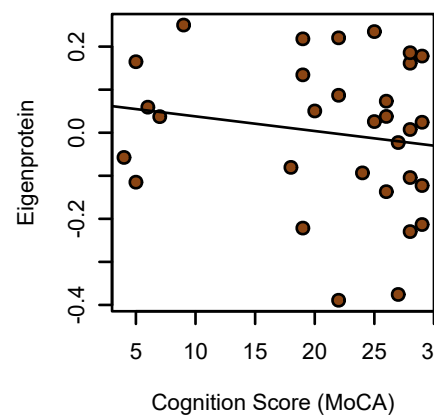
bicor=-0.072, p=0.68
cor=-0.046, p=0.79



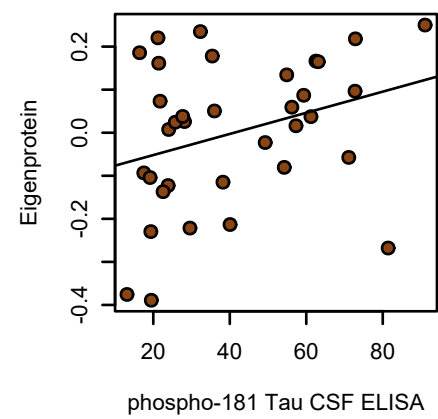
bicor=-0.076, p=0.66
cor=-0.065, p=0.71



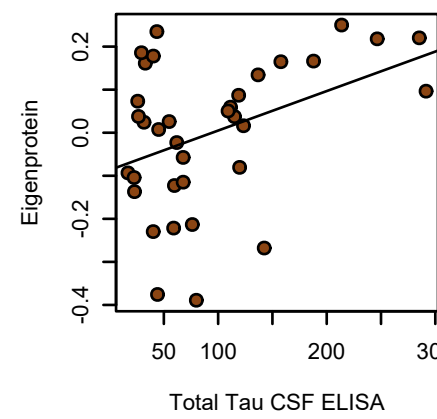
bicor=-0.16, p=0.4
cor=-0.16, p=0.39



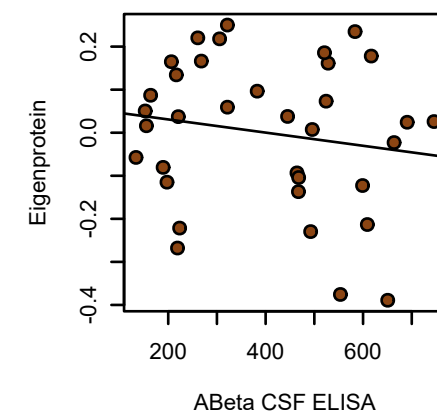
bicor=0.26, p=0.12
cor=0.31, p=0.07



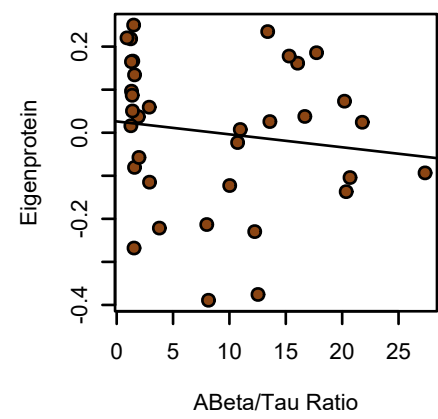
bicor=0.31, p=0.068
cor=0.4, p=0.017



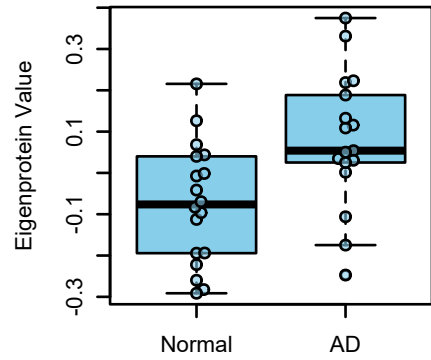
bicor=-0.12, p=0.49
cor=-0.16, p=0.36



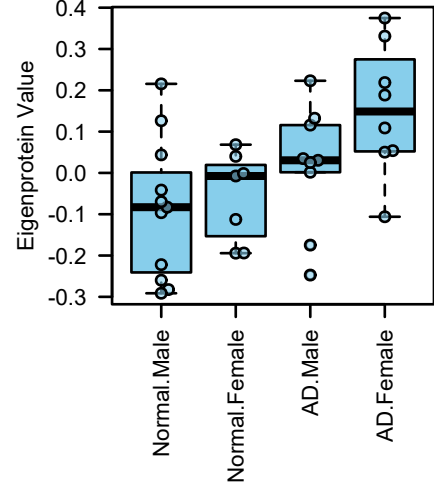
bicor=-0.15, p=0.38
cor=-0.14, p=0.42



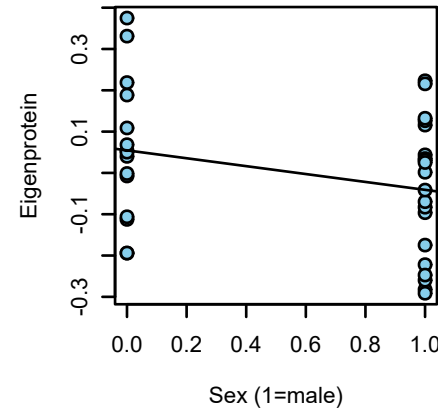
M28 skyblue
Age+Sex-disc. $p = 0.0062$
Sex-discounted $p = 0.0064$



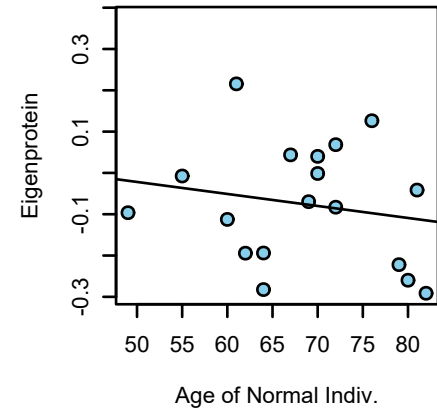
M28 skyblue
Complement/Humoral Immune Respr
ANOVA $p = 0.013$



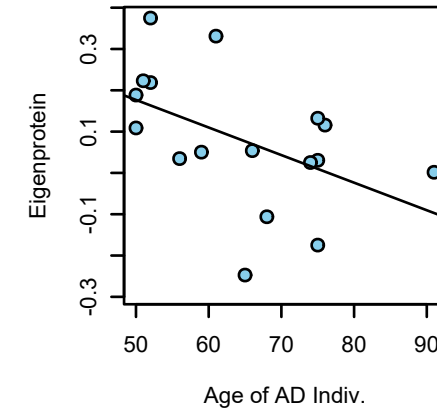
bicor=-0.26, p=0.14
cor=-0.28, p=0.1



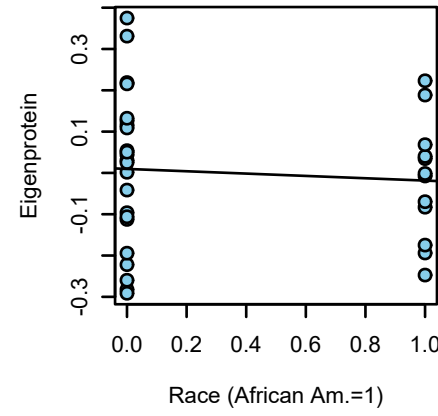
bicor=-0.18, p=0.49
cor=-0.18, p=0.47



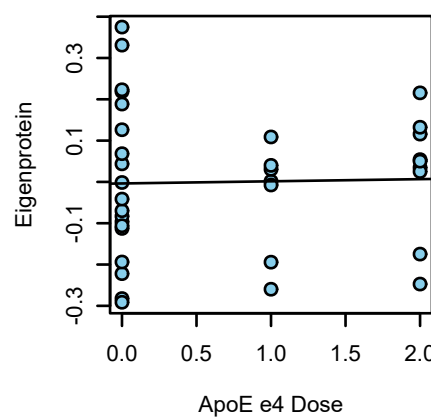
bicor=-0.53, p=0.027
cor=-0.49, p=0.046



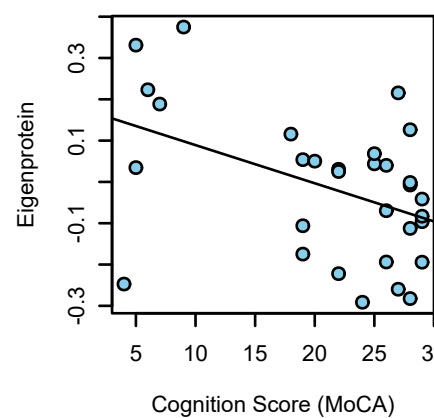
bicor=-0.083, p=0.63
cor=-0.079, p=0.65



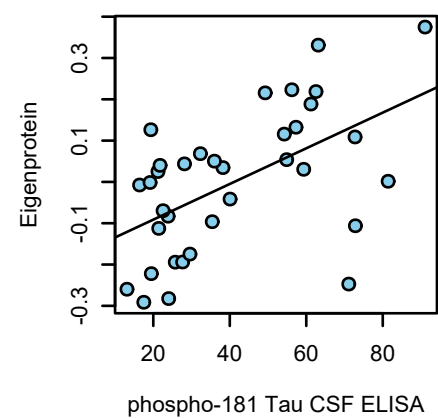
bicor=0.044, p=0.8
cor=0.026, p=0.88



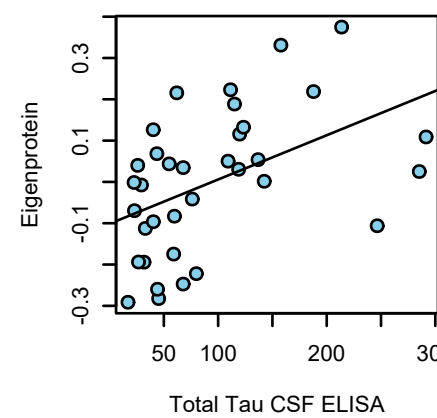
bicor=-0.34, p=0.059
cor=-0.44, p=0.013



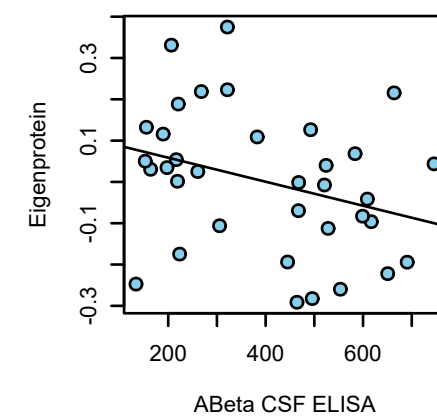
bicor=0.49, p=0.0028
cor=0.55, p=0.00062



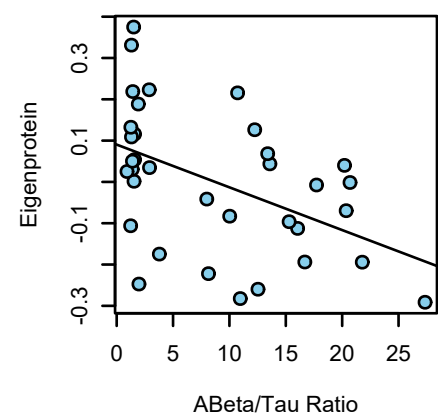
bicor=0.49, p=0.0027
cor=0.47, p=0.0044



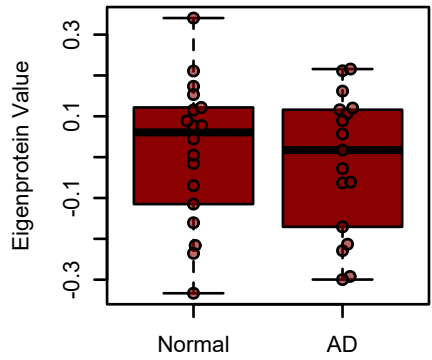
bicor=-0.28, p=0.1
cor=-0.31, p=0.07



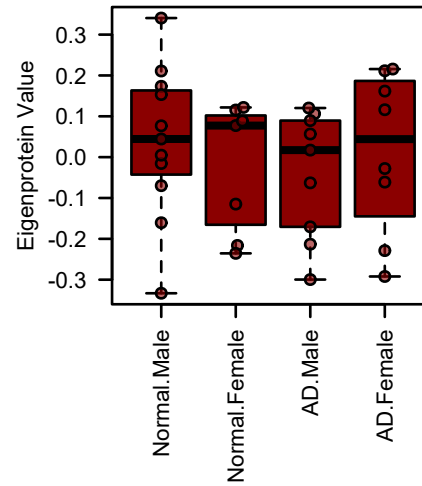
bicor=-0.47, p=0.004
cor=-0.47, p=0.0044



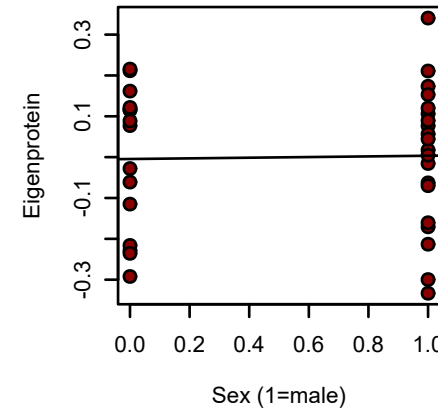
M21 darkred
Age+Sex-disc. $p = 0.62$
Sex-discounted $p = 0.88$



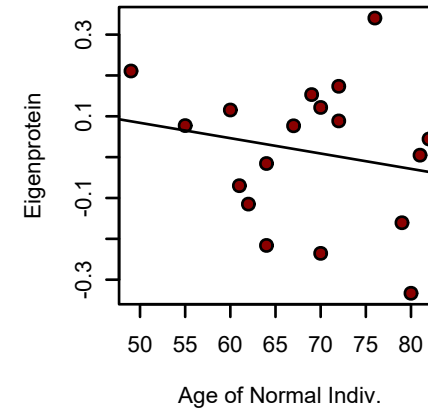
M21 darkred
Metal Ion Homeostasis
ANOVA $p = 0.69$



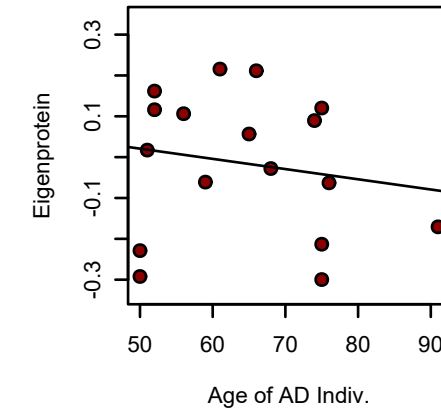
bicor=0.019, $p=0.92$
cor=0.023, $p=0.9$



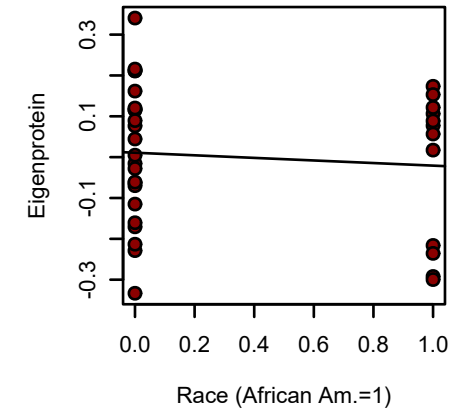
bicor=-0.13, $p=0.61$
cor=-0.2, $p=0.43$



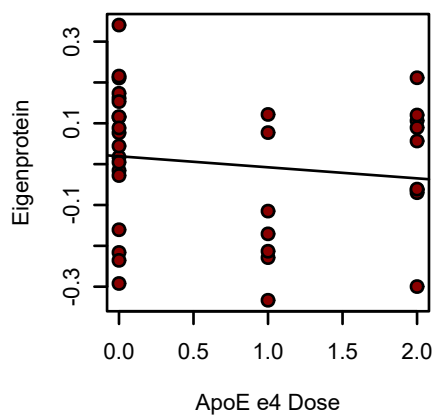
bicor=-0.18, $p=0.49$
cor=-0.17, $p=0.51$



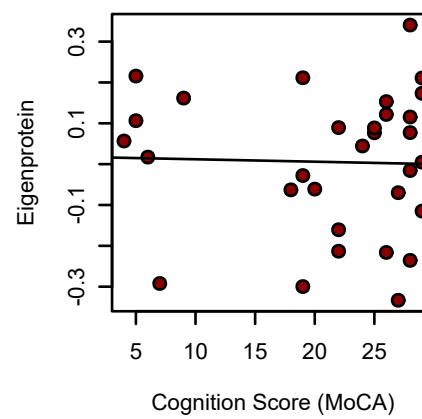
bicor=-0.061, $p=0.73$
cor=-0.089, $p=0.61$



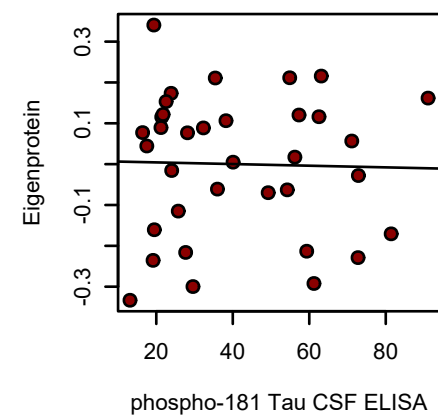
bicor=-0.13, $p=0.45$
cor=-0.14, $p=0.42$



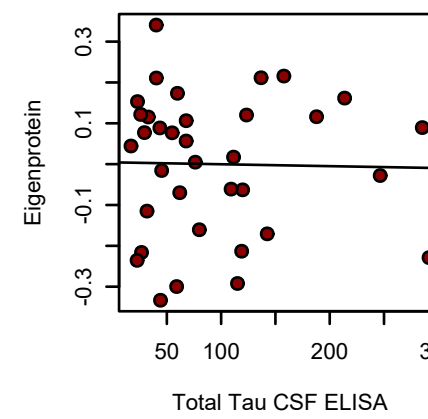
bicor=0.16, $p=0.39$
cor=-0.029, $p=0.88$



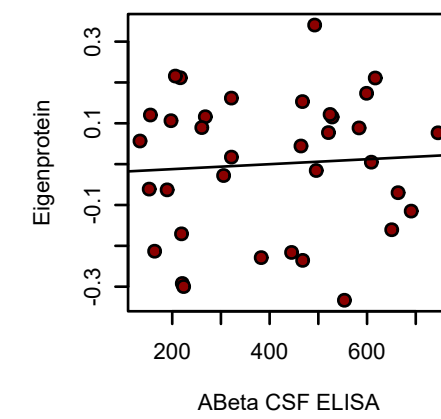
bicor=-0.093, $p=0.6$
cor=-0.026, $p=0.88$



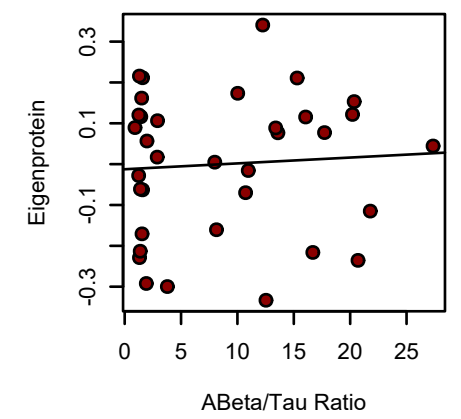
bicor=-0.066, $p=0.71$
cor=-0.02, $p=0.91$



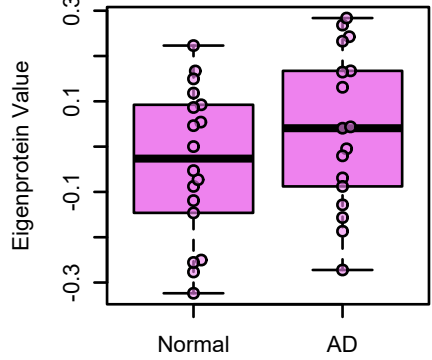
bicor=0.11, $p=0.54$
cor=0.065, $p=0.71$



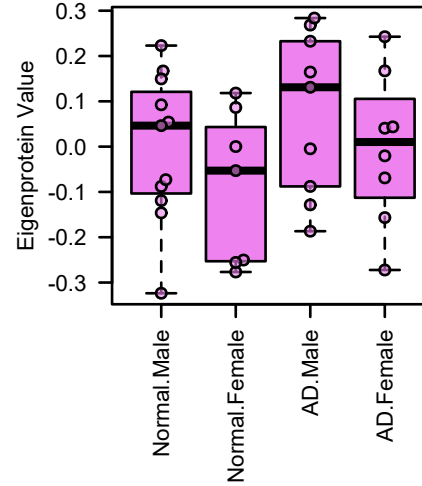
bicor=0.051, $p=0.77$
cor=0.065, $p=0.71$



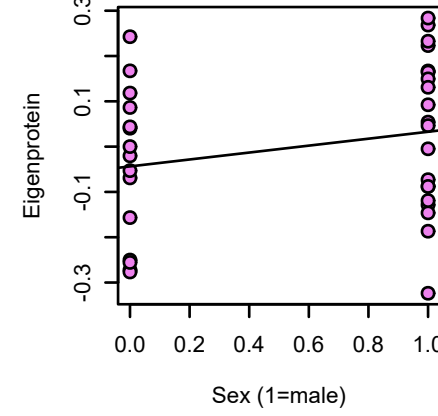
M32 violet
Age+Sex-disc. $p = 0.27$
Sex-discounted $p = 0.16$



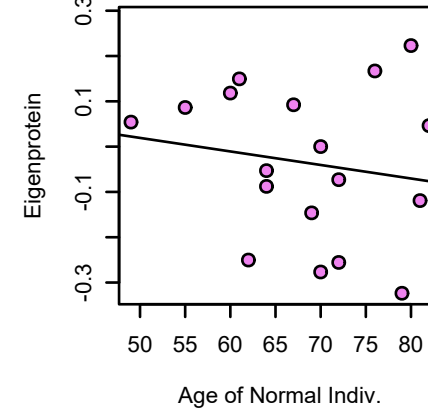
M32 violet
Lipoprotein Metabolism
ANOVA $p = 0.42$



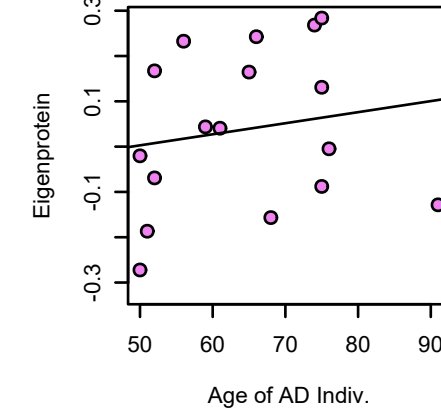
bicor=0.22, $p=0.21$
cor=0.22, $p=0.2$



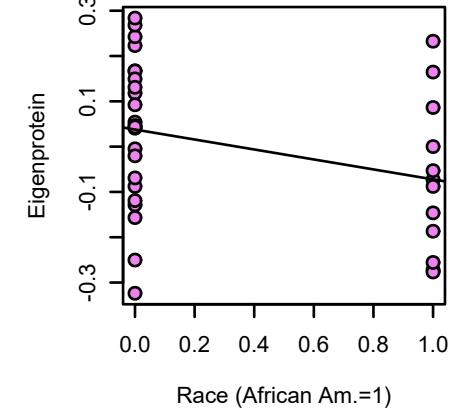
bicor=-0.16, $p=0.53$
cor=-0.17, $p=0.5$



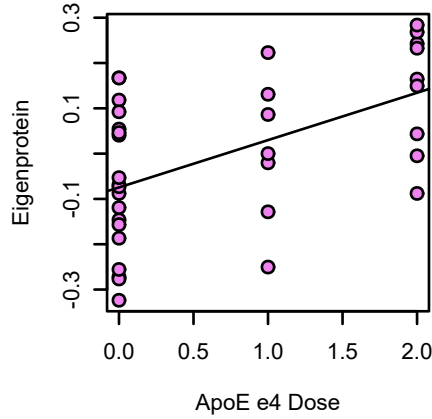
bicor=0.17, $p=0.51$
cor=0.17, $p=0.51$



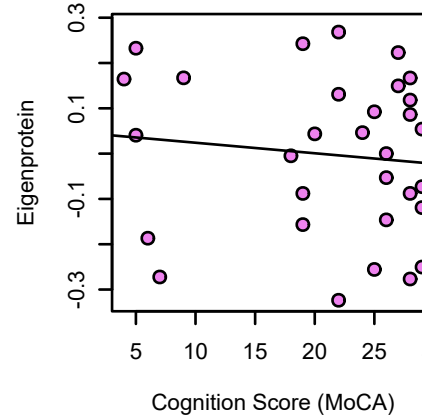
bicor=-0.31, $p=0.068$
cor=-0.31, $p=0.07$



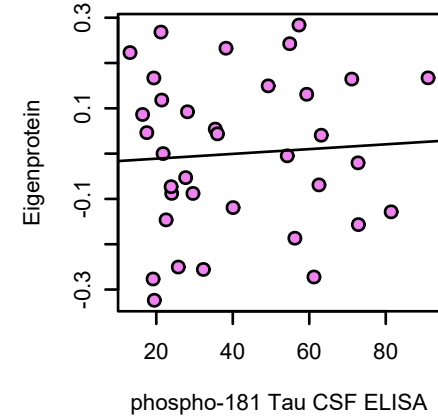
bicor=0.52, $p=0.0014$
cor=0.52, $p=0.0014$



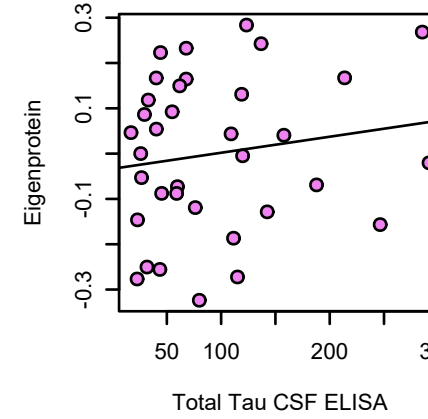
bicor=-0.038, $p=0.84$
cor=-0.11, $p=0.56$



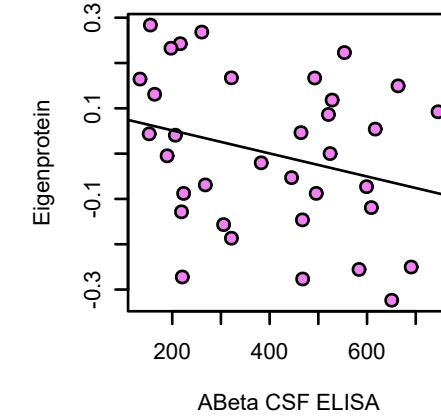
bicor=0.057, $p=0.74$
cor=0.067, $p=0.7$



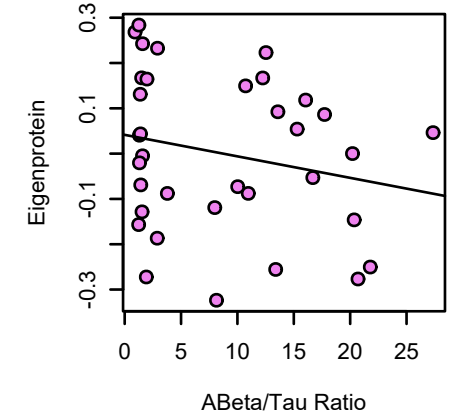
bicor=0.13, $p=0.47$
cor=0.15, $p=0.39$



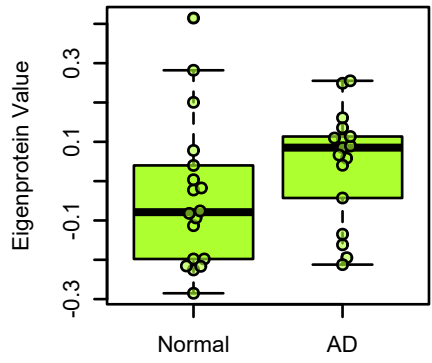
bicor=-0.25, $p=0.14$
cor=-0.27, $p=0.12$



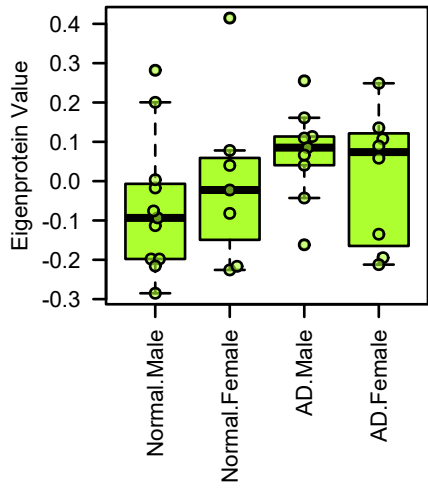
bicor=-0.21, $p=0.23$
cor=-0.22, $p=0.2$



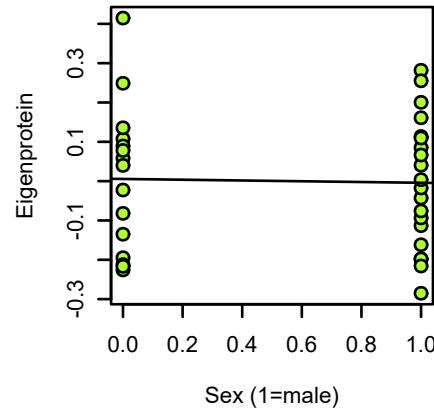
M11 greenyellow
Age+Sex-disc. $p = 0.56$
Sex-discounted $p = 0.37$



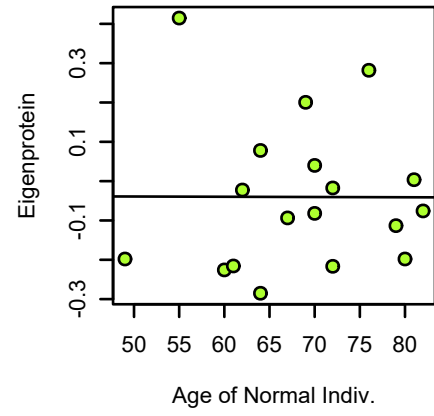
M11 greenyellow
Immunoglobulins/Coagulation Casc
ANOVA $p = 0.51$



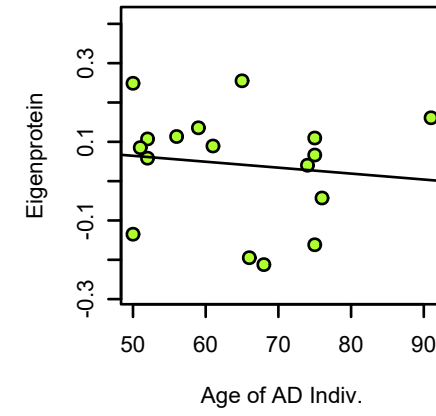
bicor=-0.014, p=0.93
cor=-0.029, p=0.87



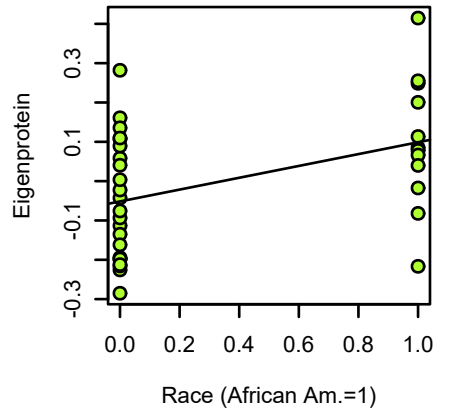
bicor=0.052, p=0.84
cor=-0.0031, p=0.99



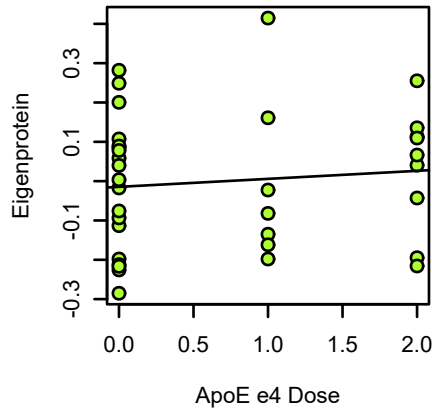
bicor=-0.13, p=0.61
cor=-0.13, p=0.62



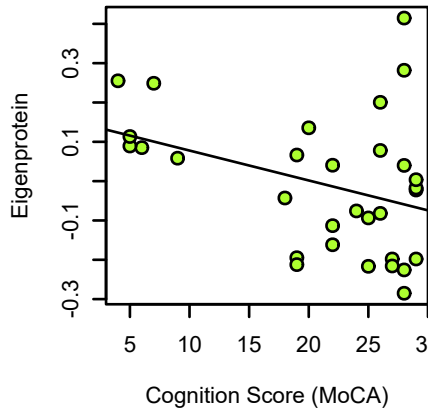
bicor=0.42, p=0.013
cor=0.42, p=0.012



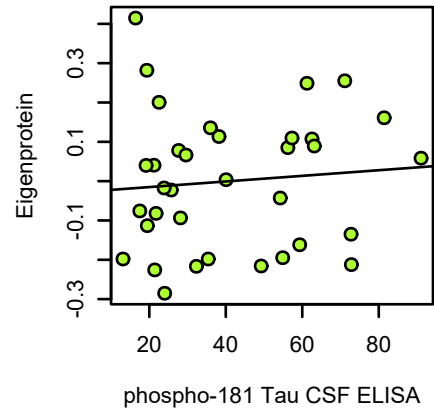
bicor=0.1, p=0.56
cor=0.1, p=0.57



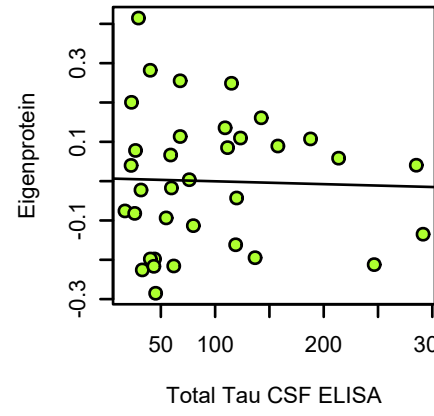
bicor=-0.17, p=0.36
cor=-0.36, p=0.047



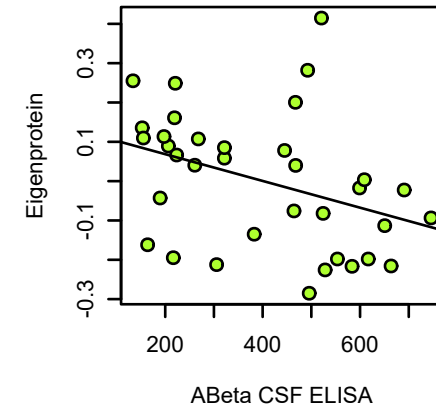
bicor=0.096, p=0.58
cor=0.09, p=0.61



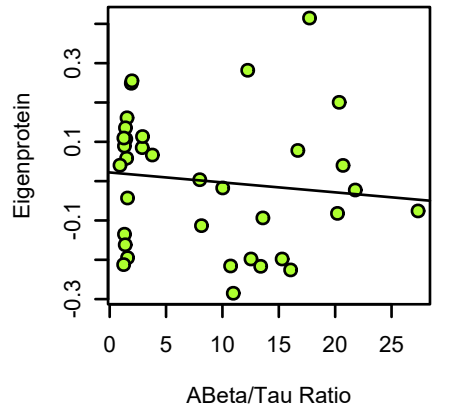
bicor=0.039, p=0.82
cor=-0.032, p=0.86



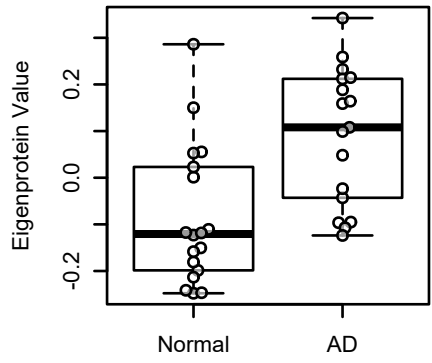
bicor=-0.38, p=0.024
cor=-0.37, p=0.029



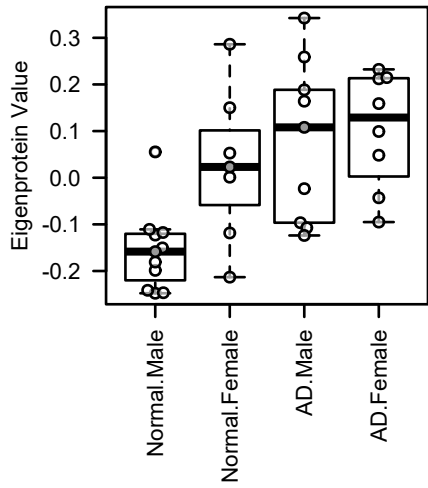
bicor=-0.15, p=0.38
cor=-0.12, p=0.49



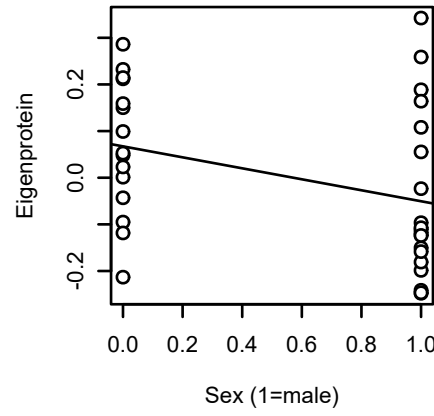
M27 white
Age+Sex-disc. $p = 0.0019$
Sex-discounted $p = 0.00075$



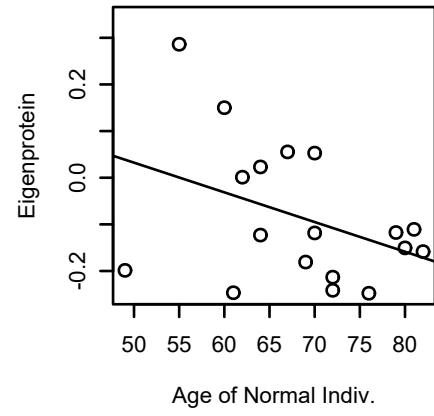
M27 white
Collagen/ECM
ANOVA $p = 0.0011$



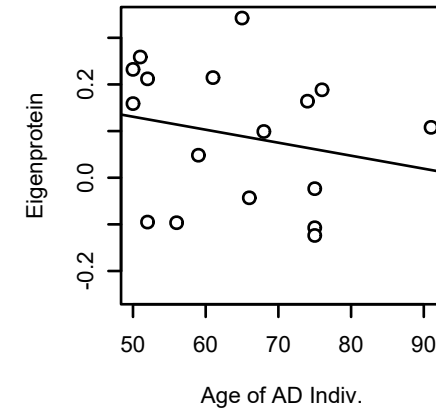
bicor=-0.36, p=0.035
cor=-0.34, p=0.046



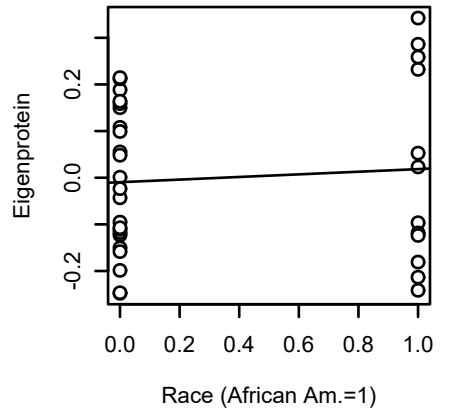
bicor=-0.39, p=0.11
cor=-0.39, p=0.11



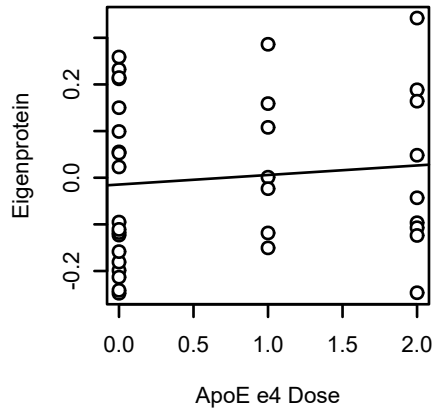
bicor=-0.23, p=0.37
cor=-0.23, p=0.37



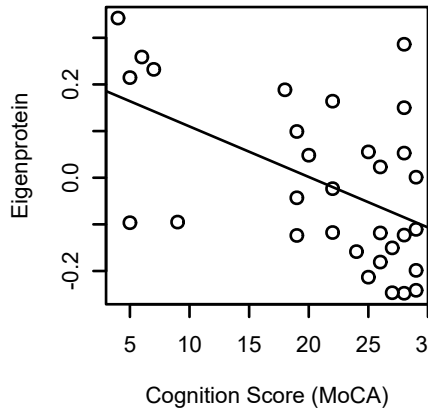
bicor=0.057, p=0.75
cor=0.079, p=0.65



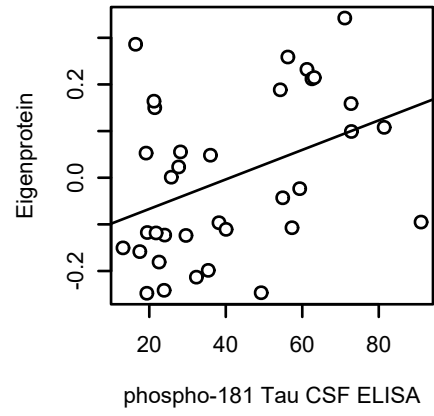
bicor=0.094, p=0.59
cor=0.1, p=0.57



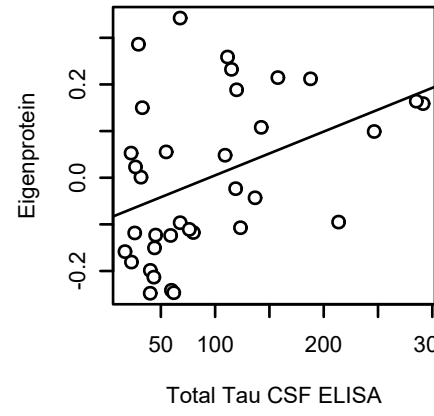
bicor=-0.42, p=0.018
cor=-0.52, p=0.0027



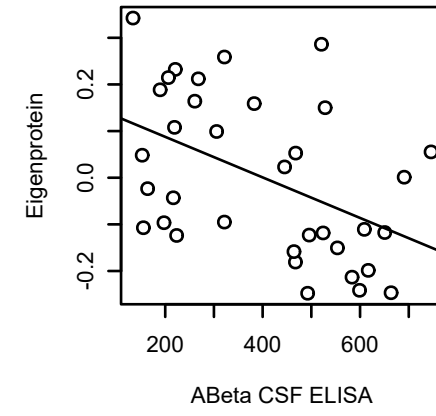
bicor=0.43, p=0.0098
cor=0.4, p=0.017



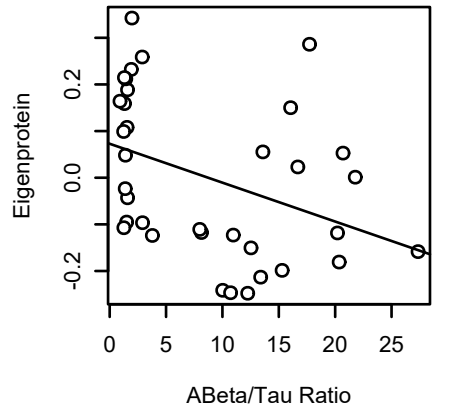
bicor=0.45, p=0.0061
cor=0.41, p=0.014

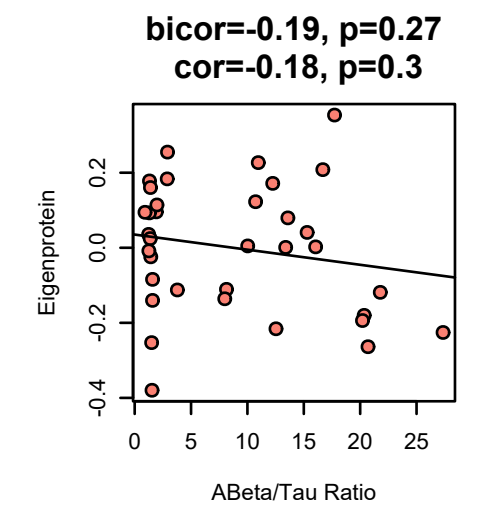
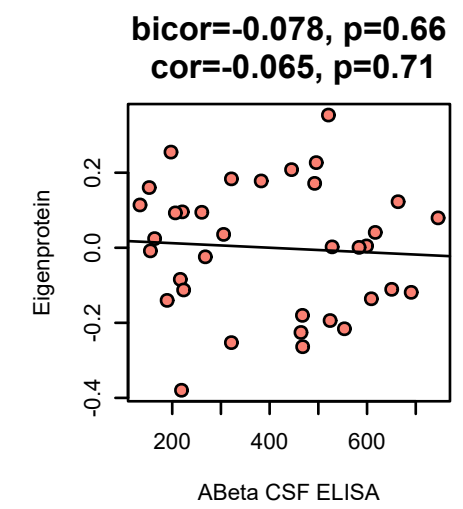
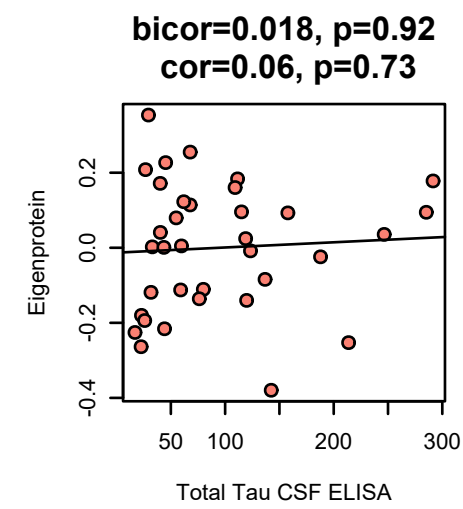
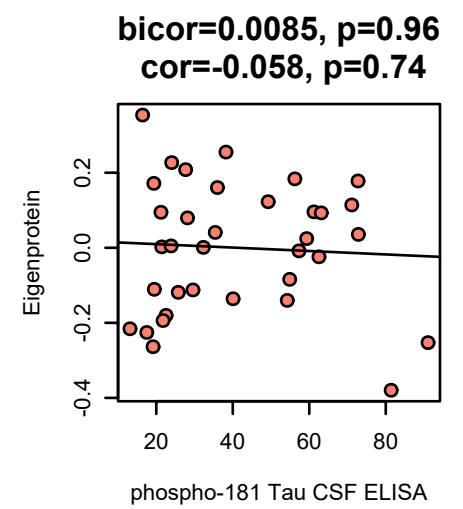
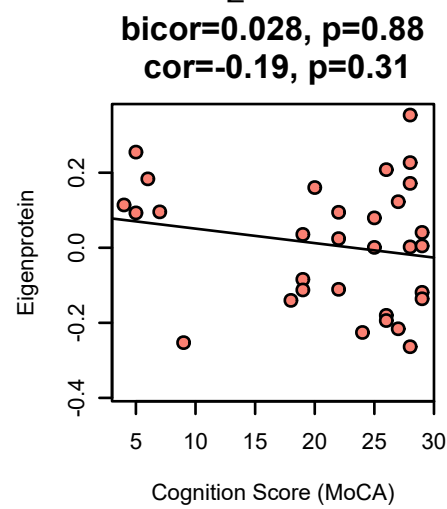
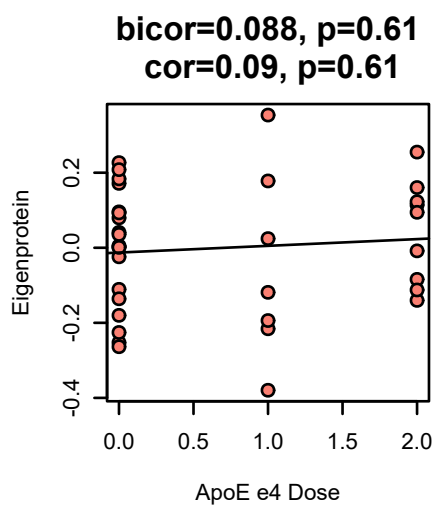
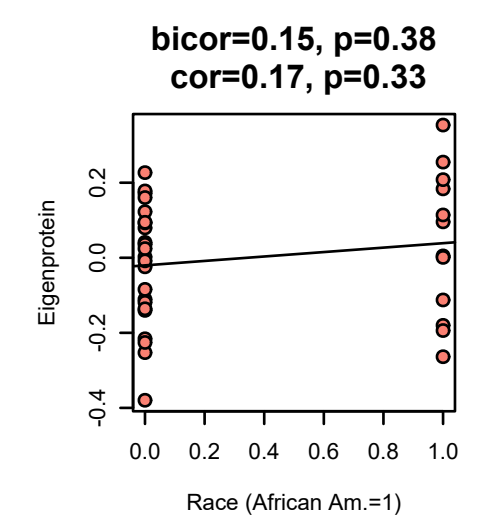
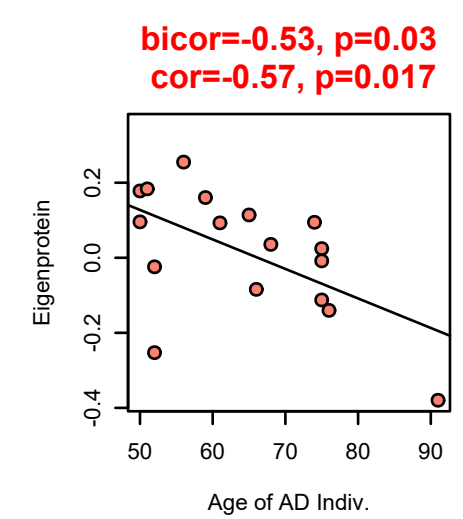
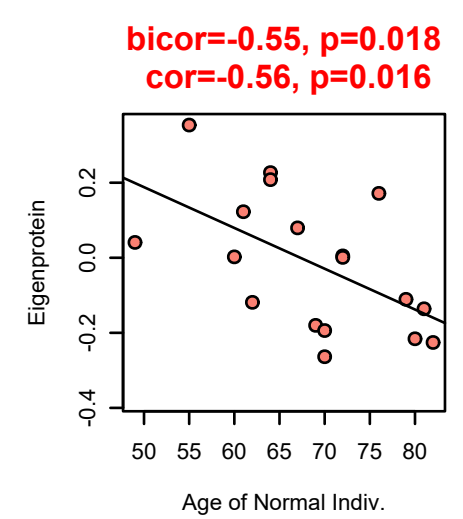
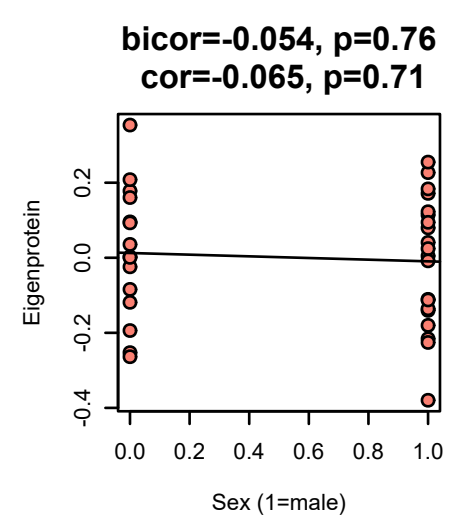
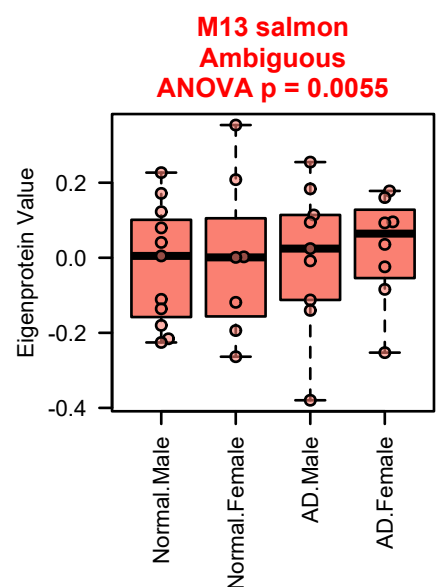
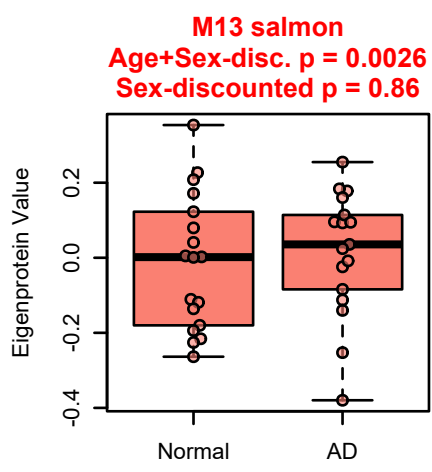
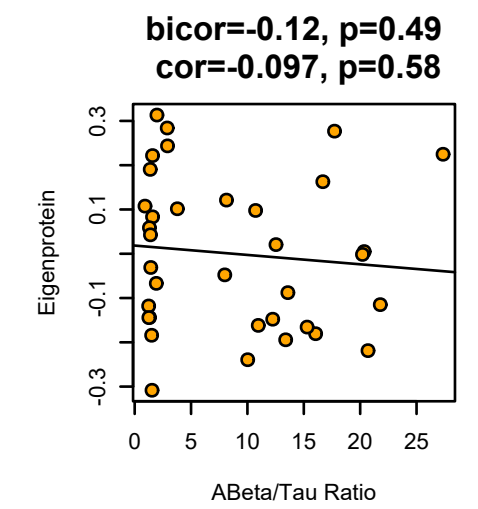
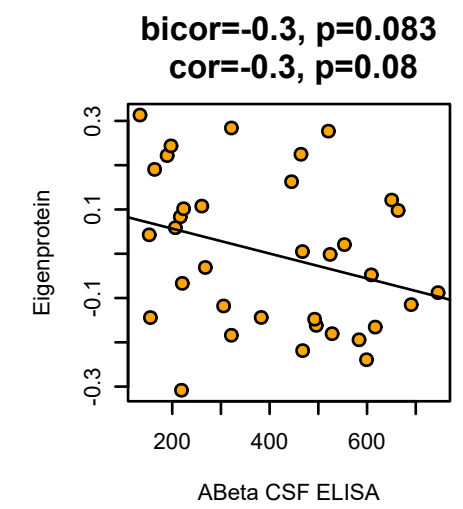
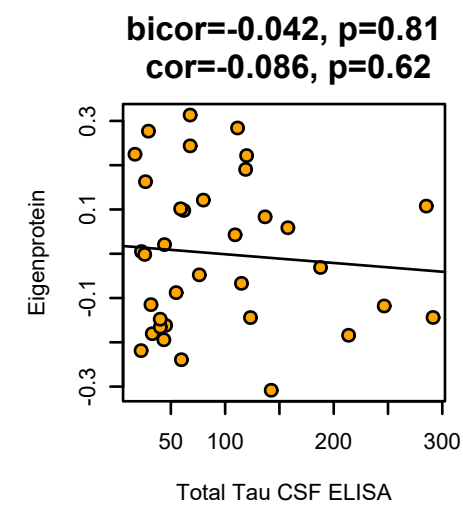
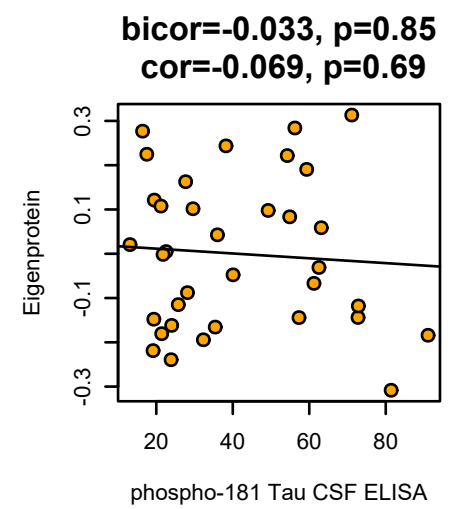
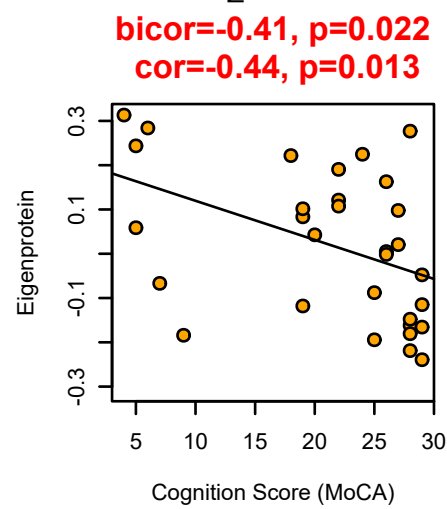
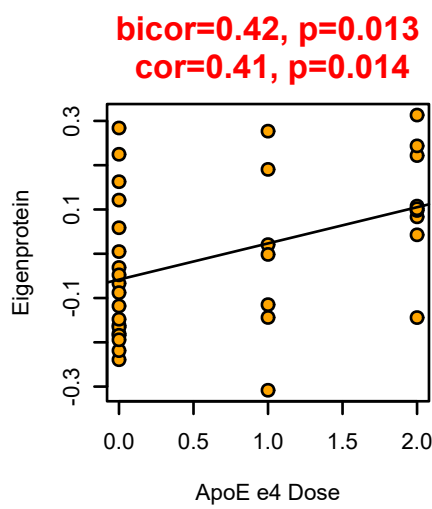
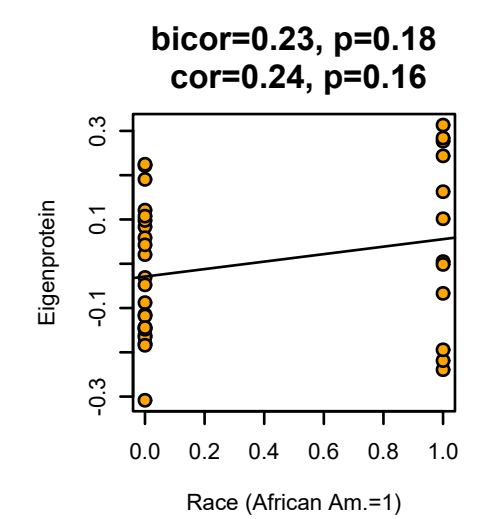
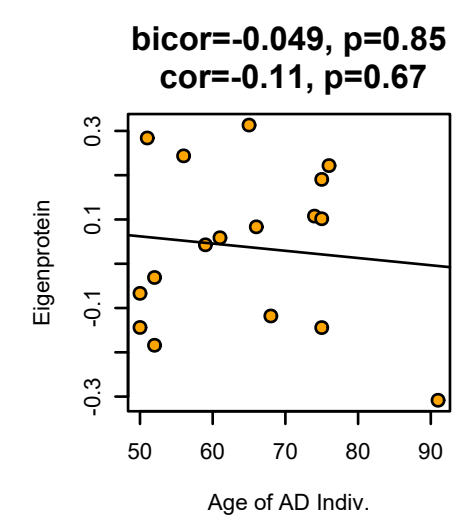
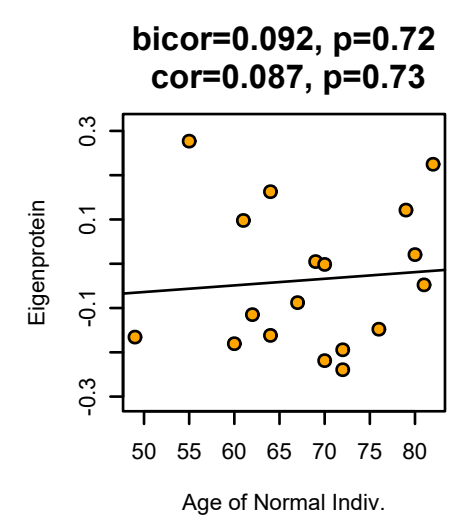
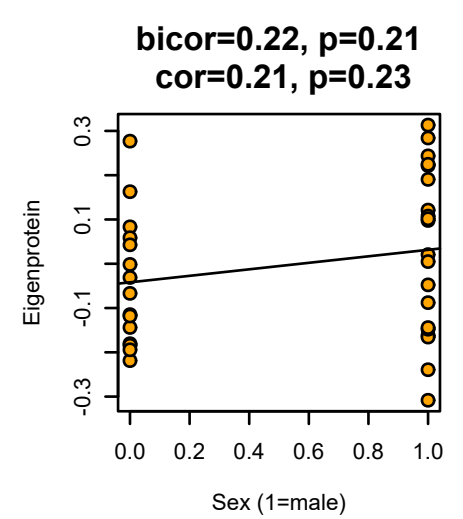
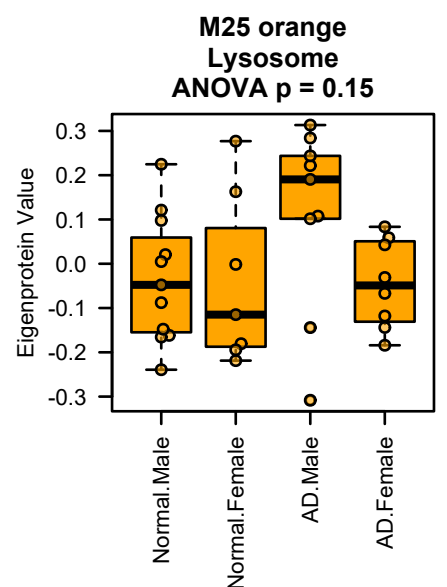
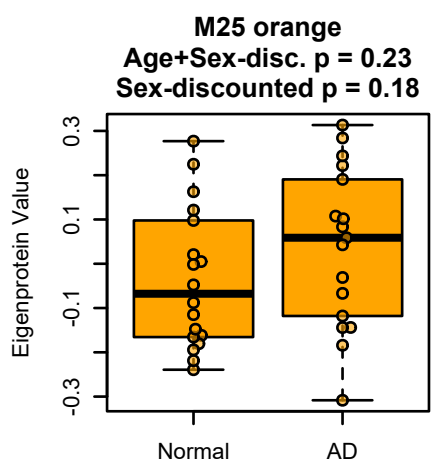


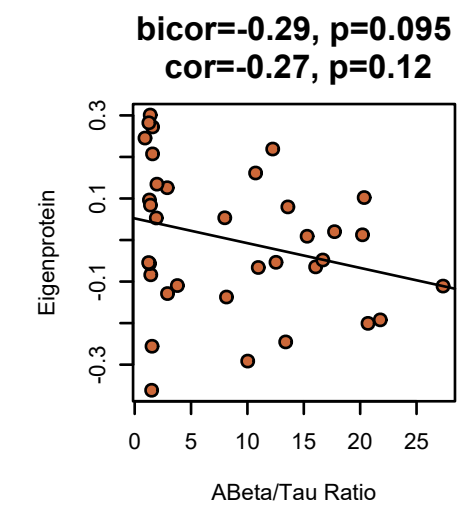
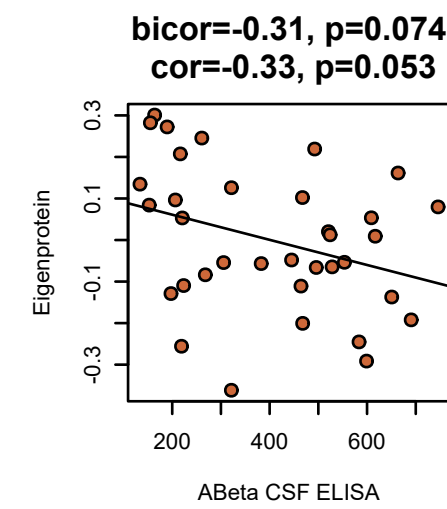
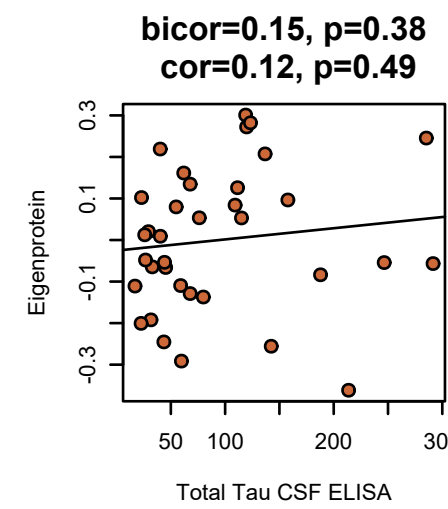
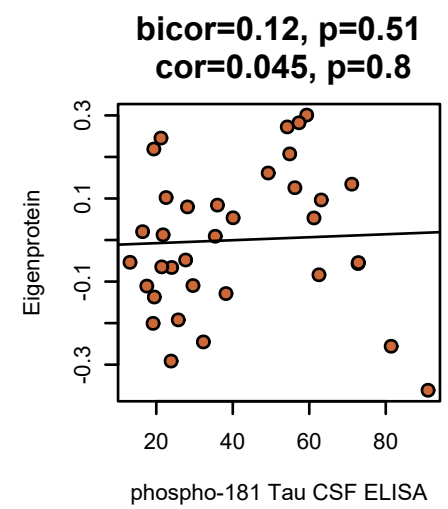
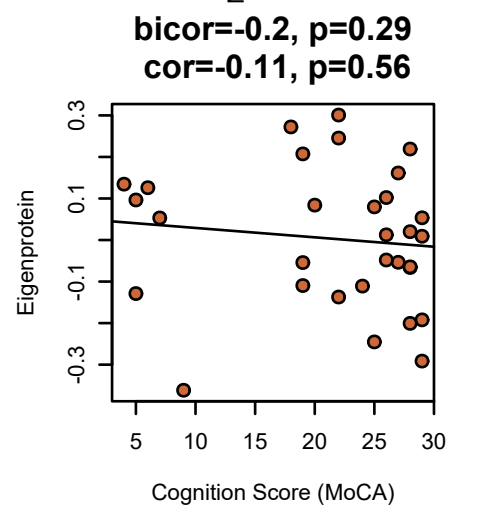
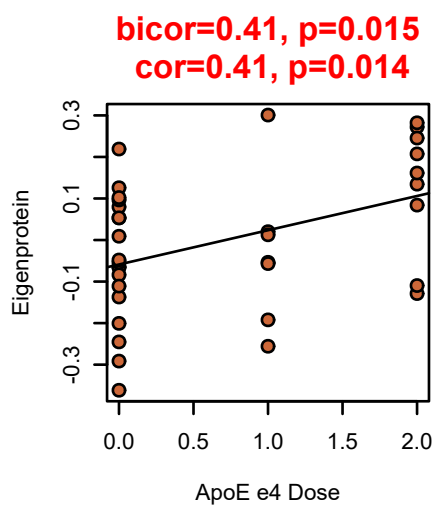
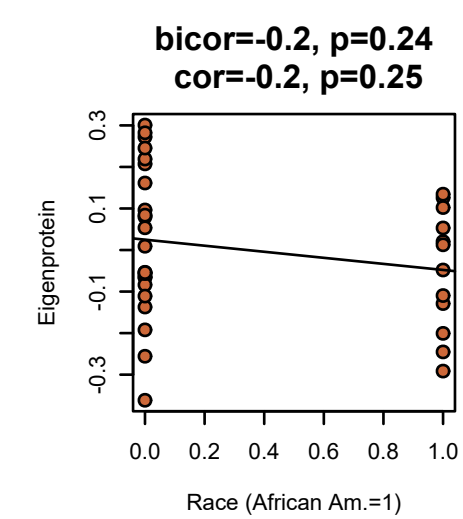
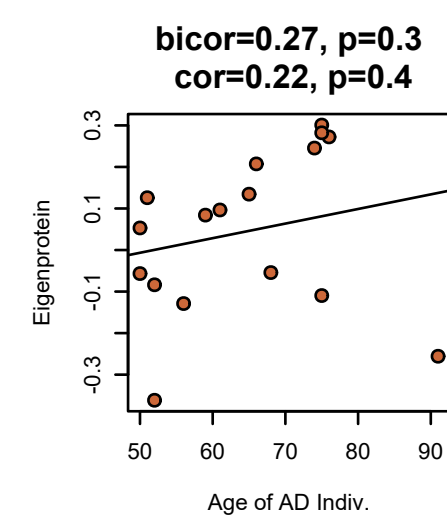
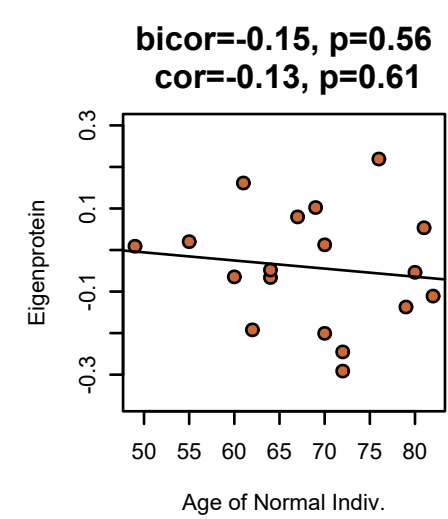
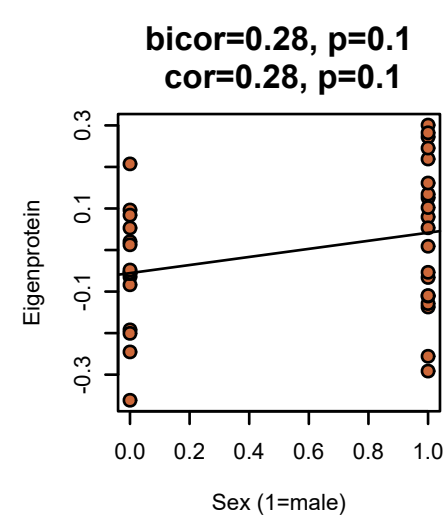
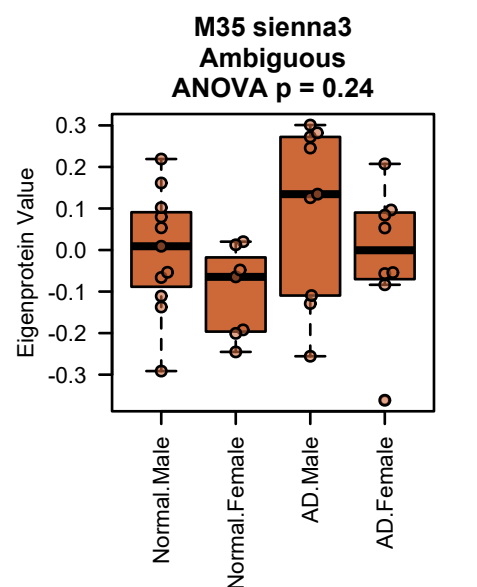
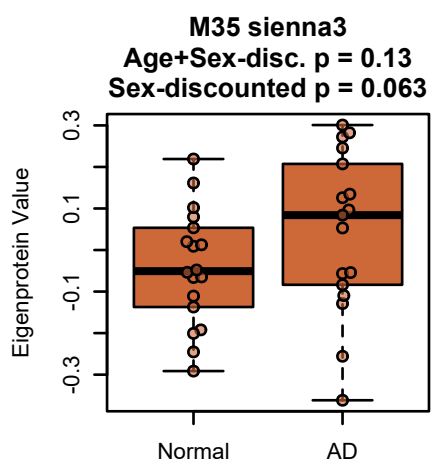
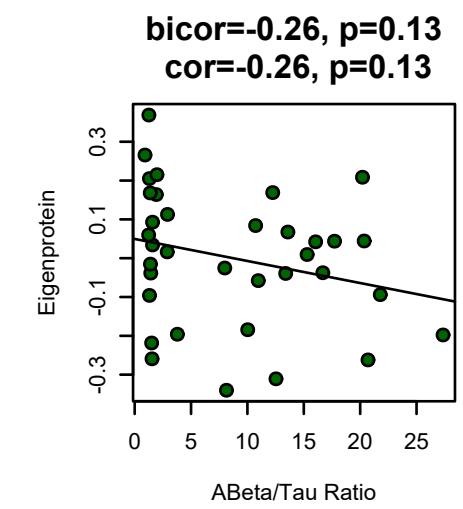
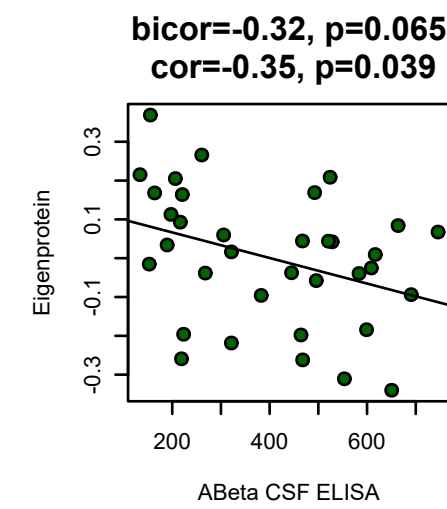
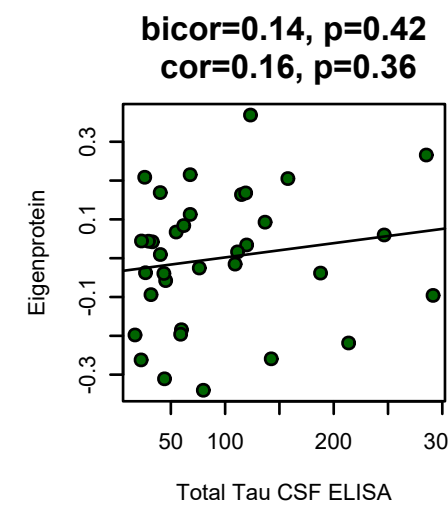
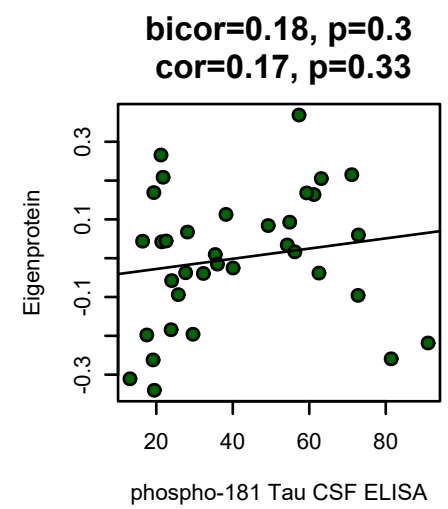
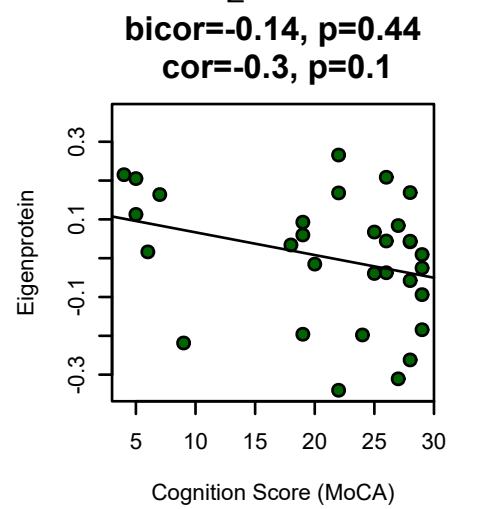
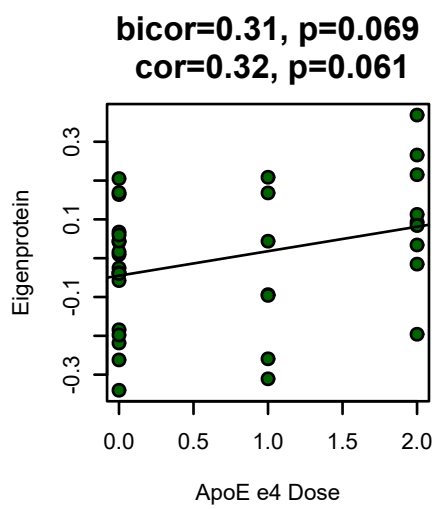
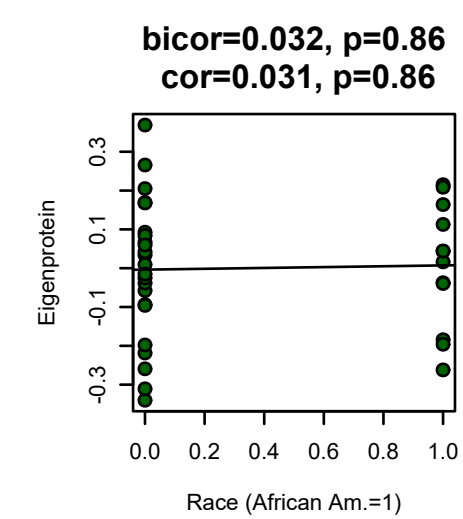
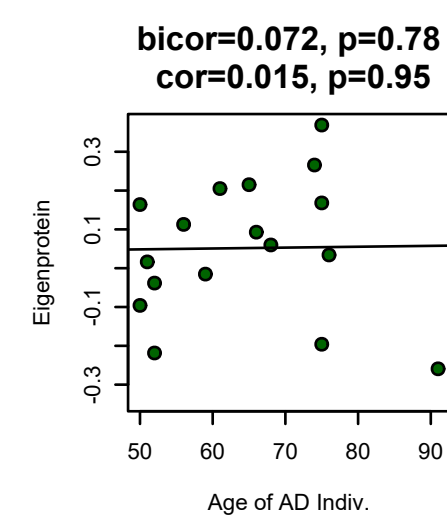
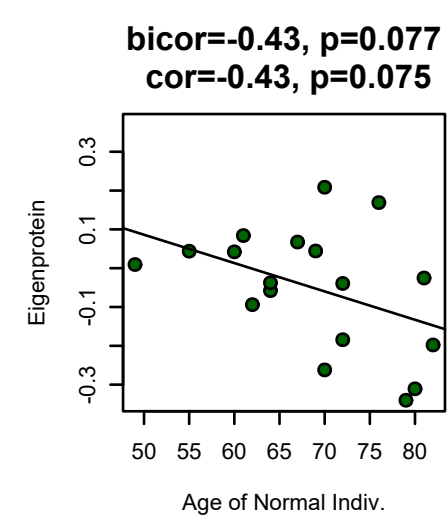
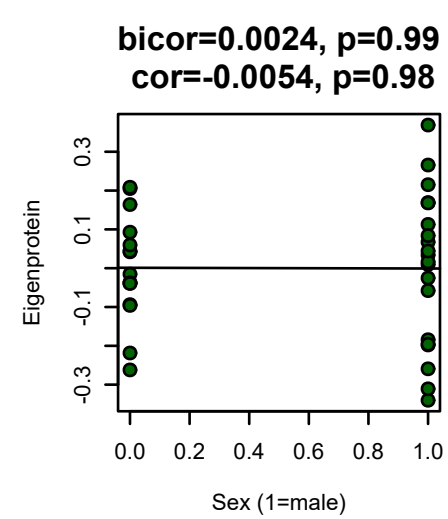
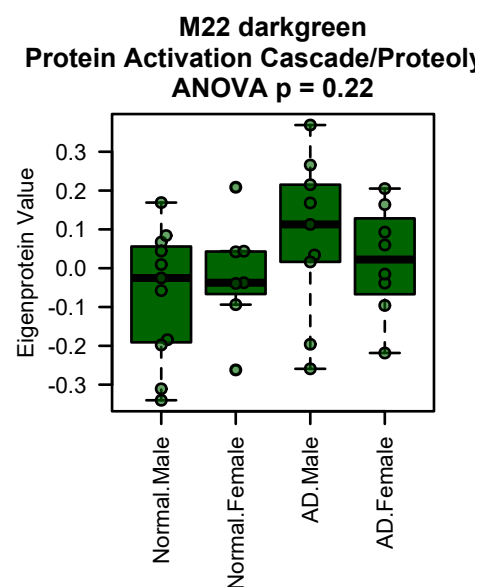
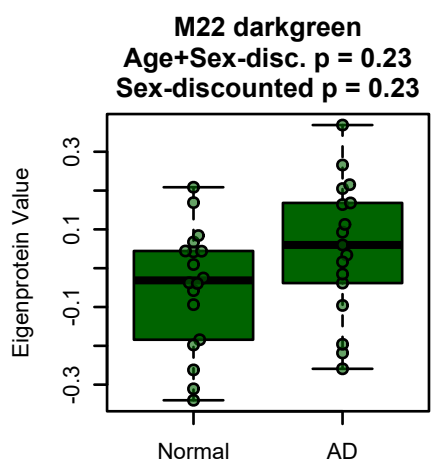
bicor=-0.48, p=0.0033
cor=-0.47, p=0.0044



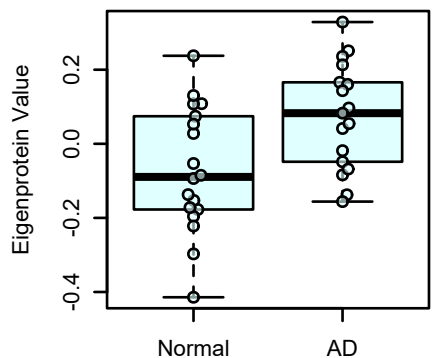
bicor=-0.38, p=0.025
cor=-0.38, p=0.024



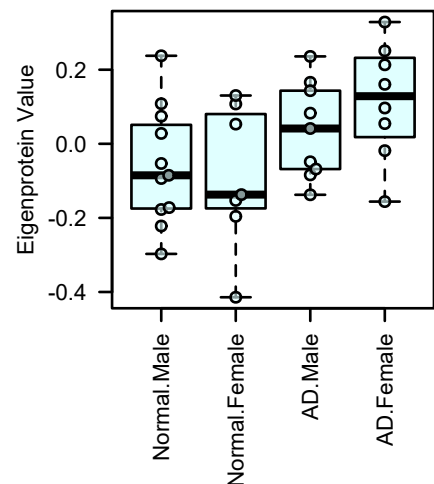




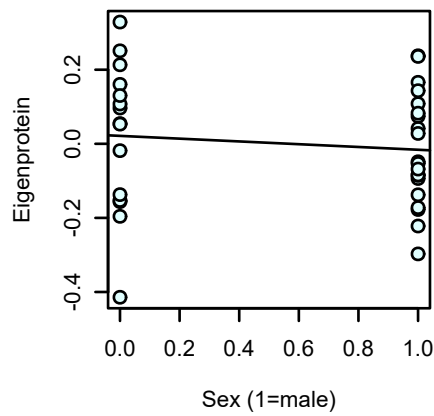
M16 lightcyan
Age+Sex-disc. $p = 0.076$
Sex-discounted $p = 0.036$



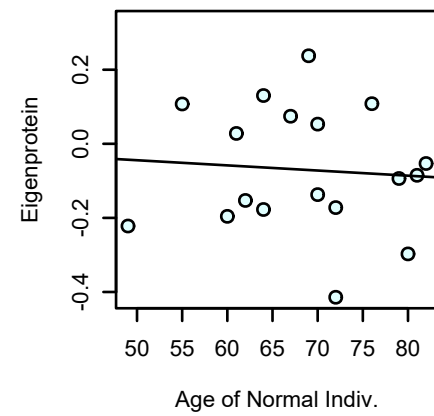
M16 lightcyan
Complement/Protein Activation Casc
ANOVA $p = 0.11$



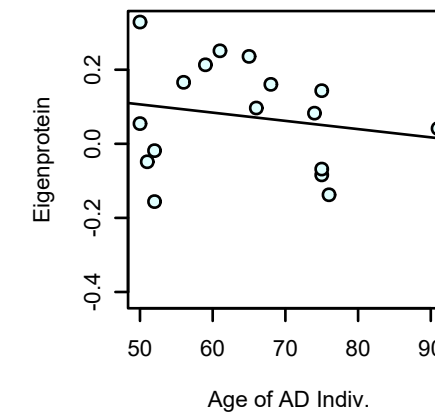
bicor=-0.13, p=0.46
cor=-0.11, p=0.53



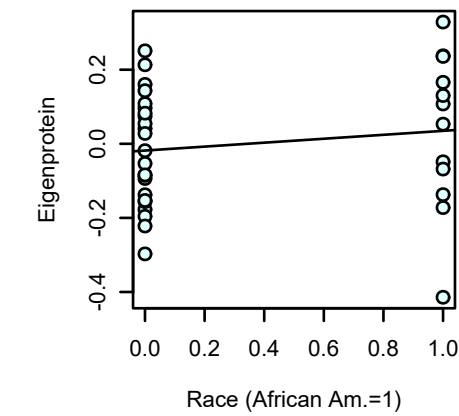
bicor=-0.098, p=0.7
cor=-0.076, p=0.76



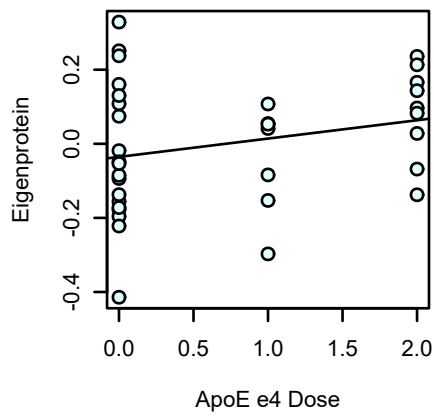
bicor=-0.18, p=0.48
cor=-0.19, p=0.47



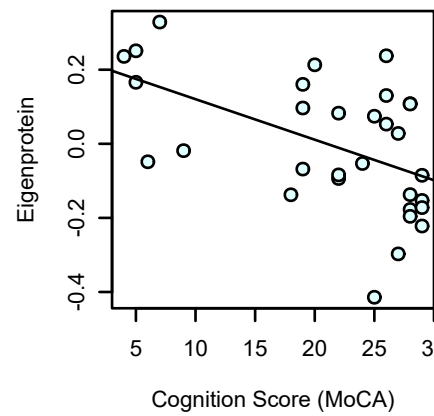
bicor=0.17, p=0.33
cor=0.15, p=0.39



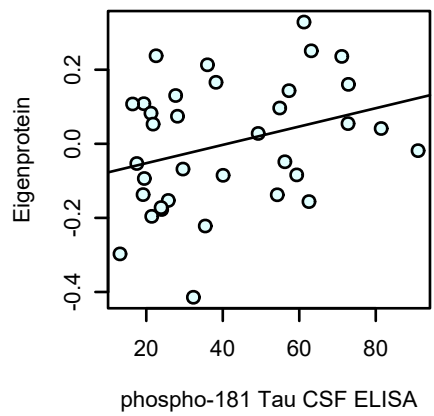
bicor=0.25, p=0.14
cor=0.25, p=0.15



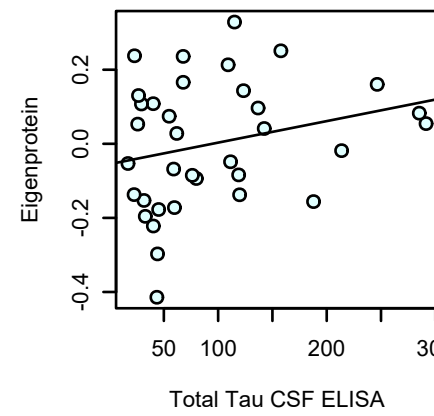
bicor=-0.43, p=0.015
cor=-0.51, p=0.0034



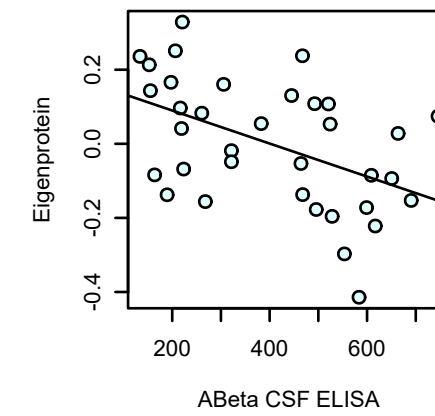
bicor=0.27, p=0.11
cor=0.31, p=0.07



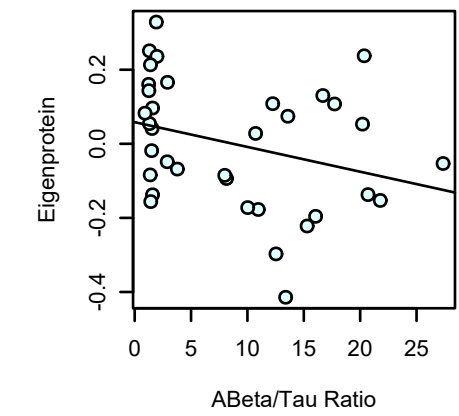
bicor=0.21, p=0.22
cor=0.25, p=0.15



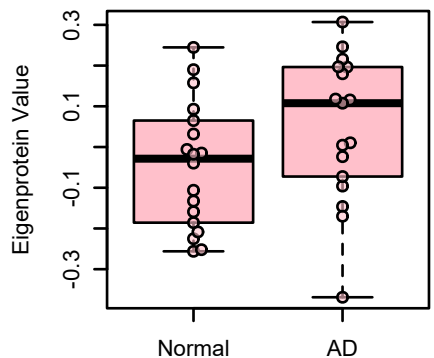
bicor=-0.43, p=0.01
cor=-0.48, p=0.0035



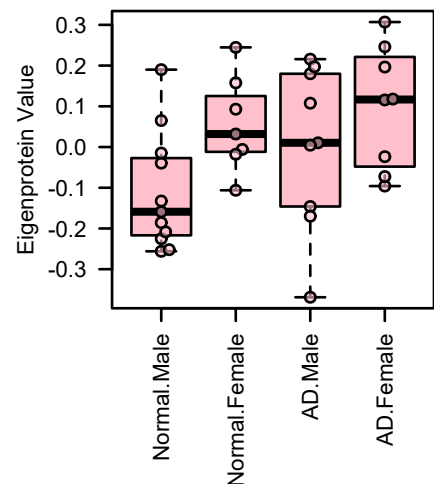
bicor=-0.32, p=0.061
cor=-0.31, p=0.07



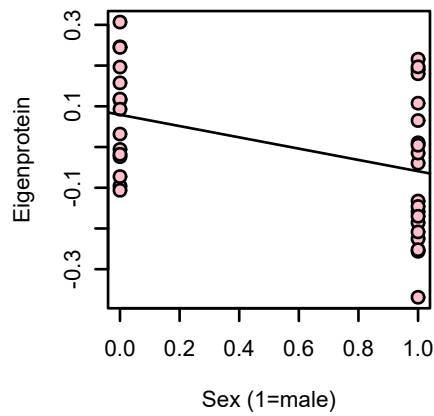
M8 pink
Age+Sex-disc. $p = 0.0024$
Sex-discounted $p = 0.017$



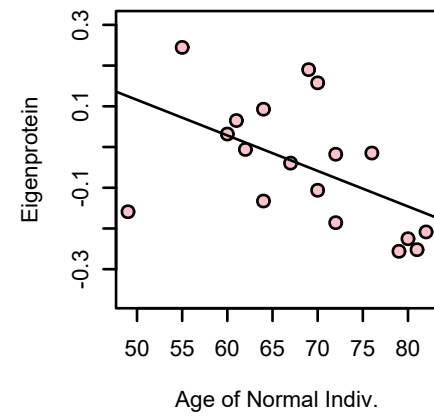
M8 pink
Protein Activation Cascade
ANOVA $p = 0.0031$



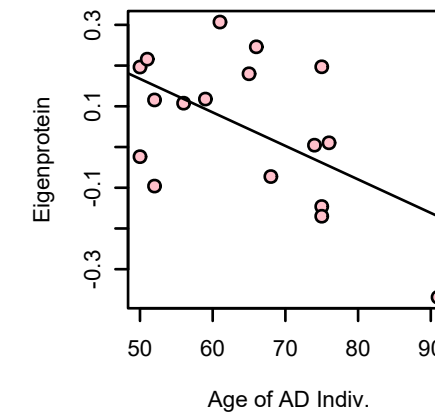
bicor=-0.4, p=0.017
cor=-0.41, p=0.014



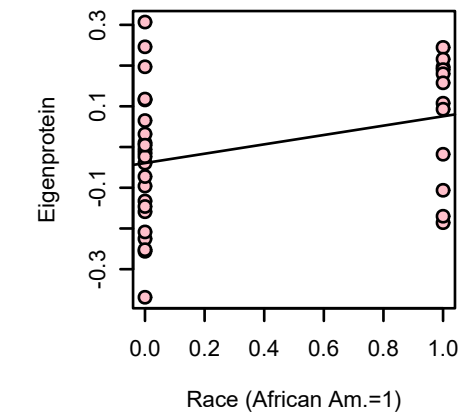
bicor=-0.52, p=0.026
cor=-0.52, p=0.027



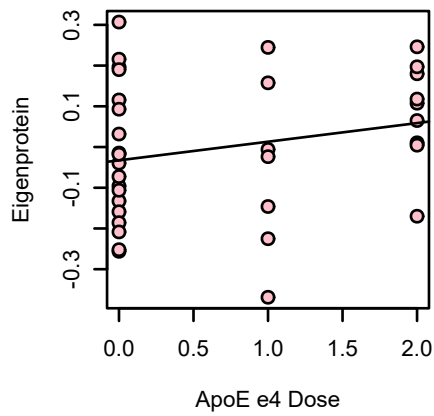
bicor=-0.42, p=0.091
cor=-0.55, p=0.022



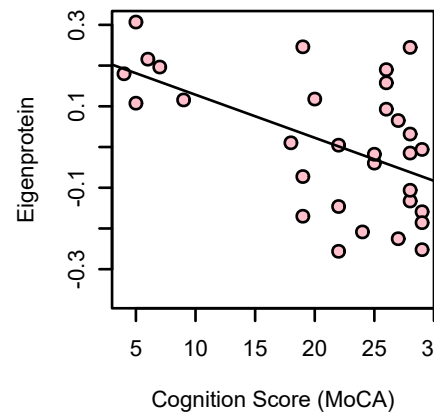
bicor=0.33, p=0.056
cor=0.32, p=0.061



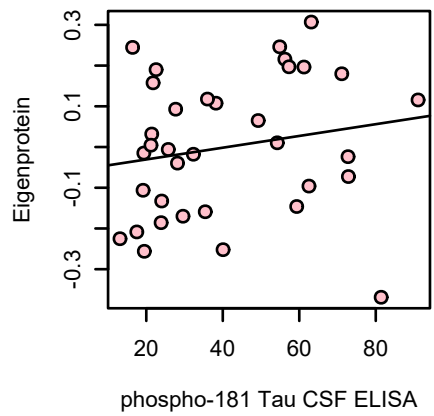
bicor=0.24, p=0.16
cor=0.23, p=0.18



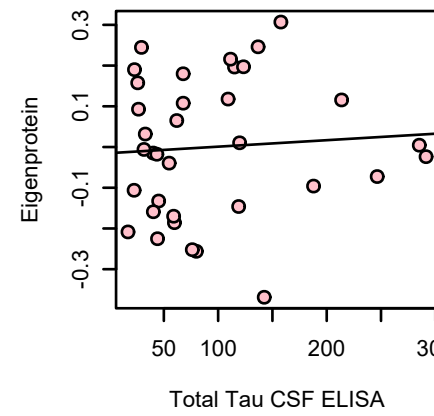
bicor=-0.35, p=0.057
cor=-0.53, p=0.0022



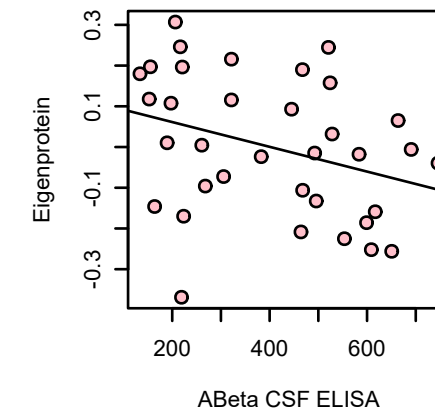
bicor=0.22, p=0.21
cor=0.18, p=0.3



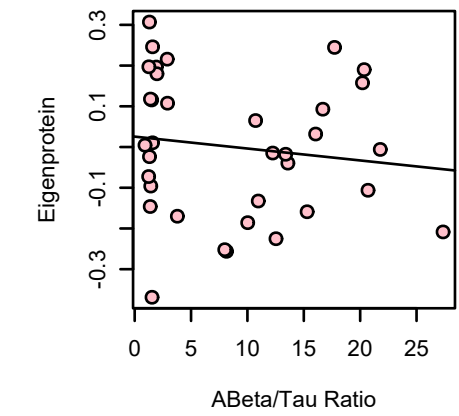
bicor=0.12, p=0.49
cor=0.069, p=0.69

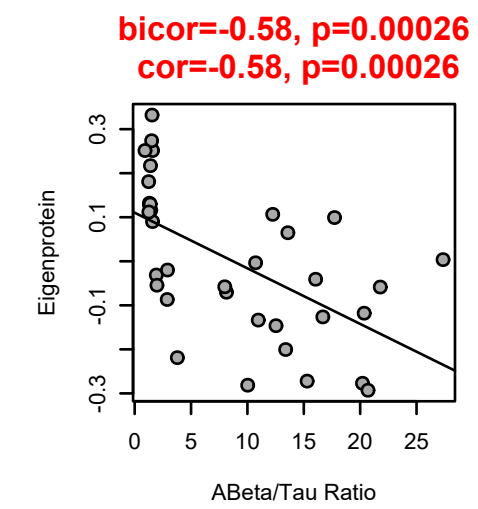
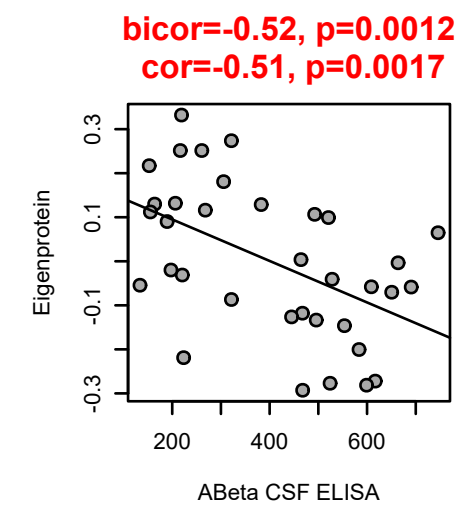
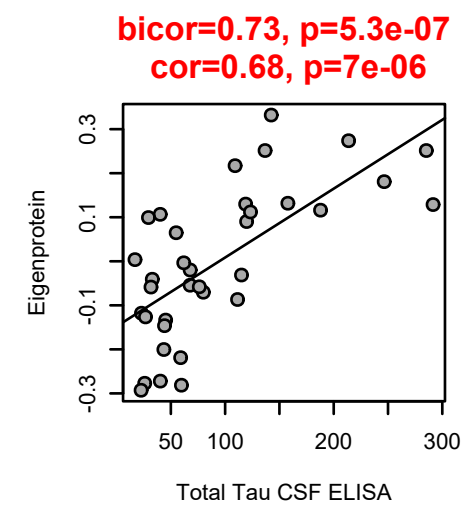
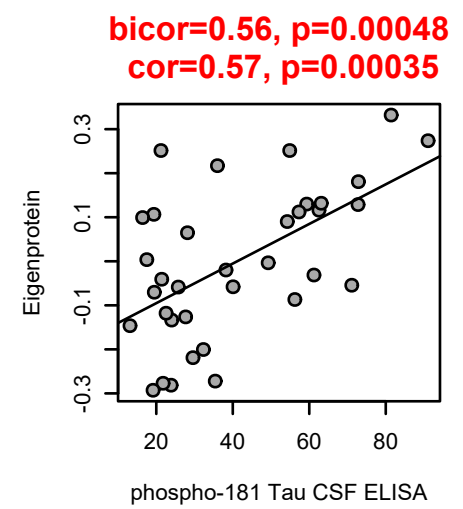
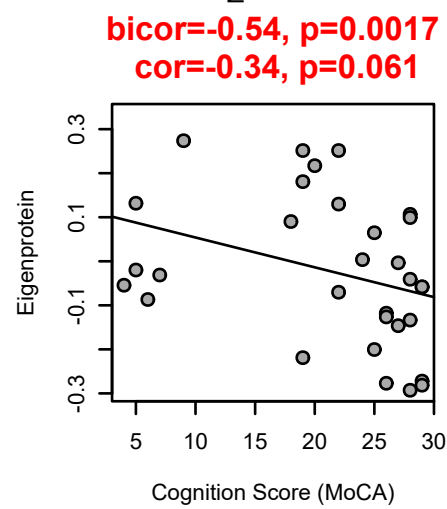
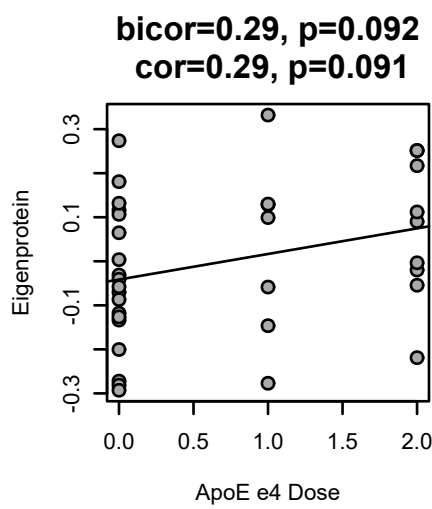
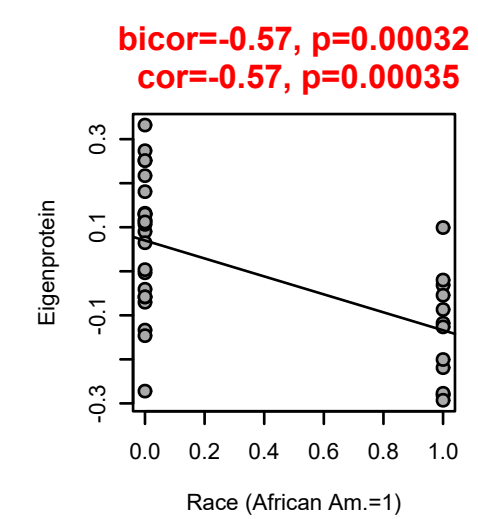
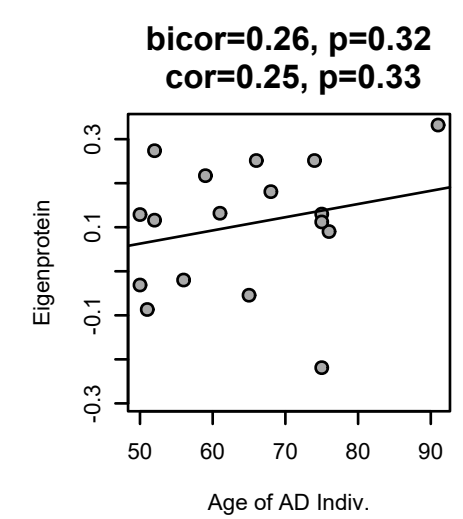
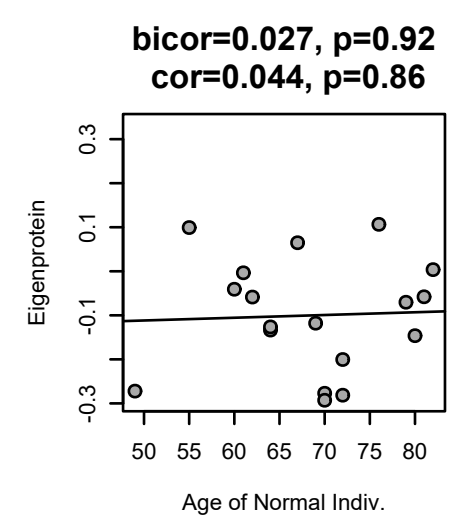
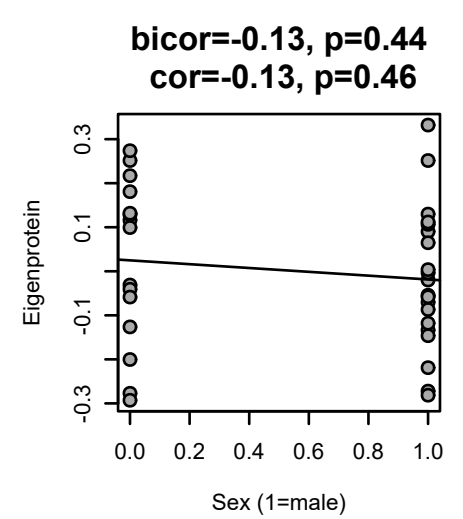
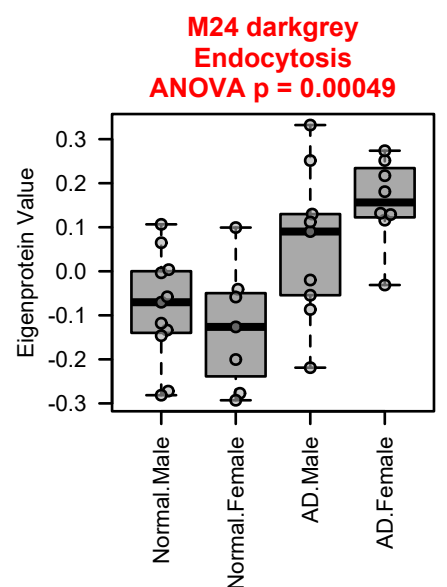
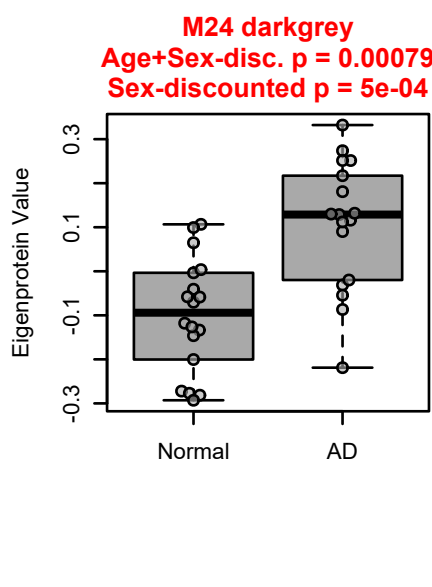
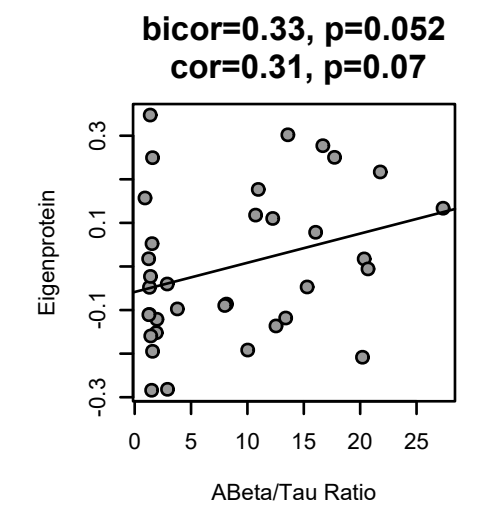
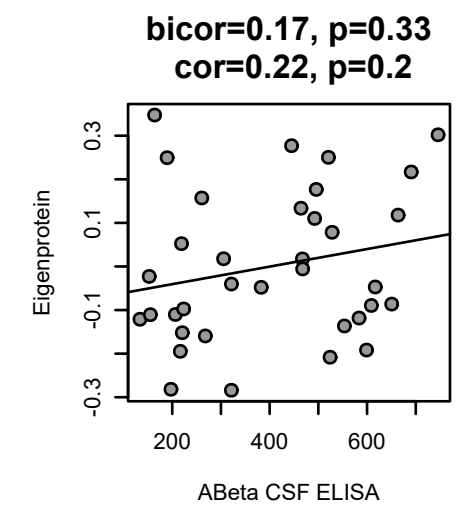
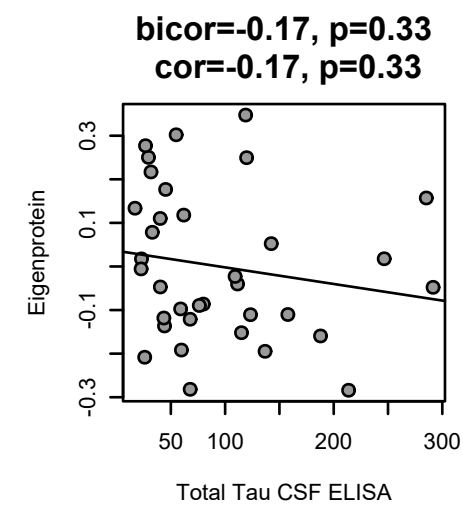
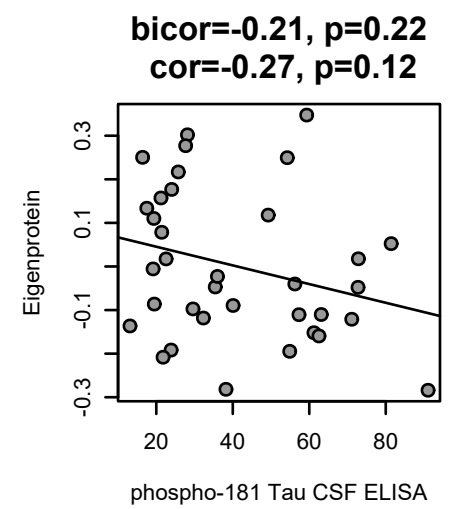
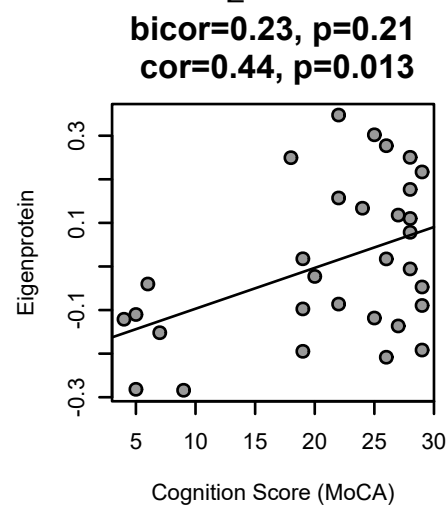
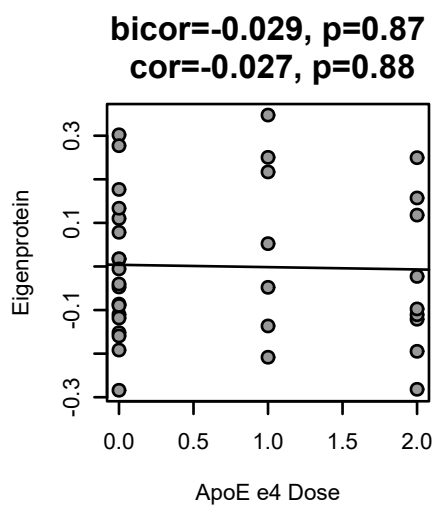
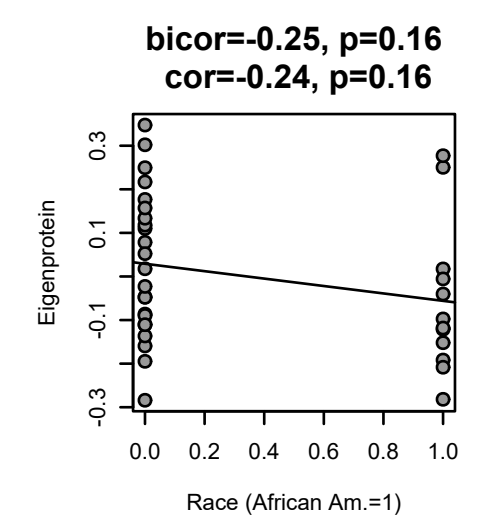
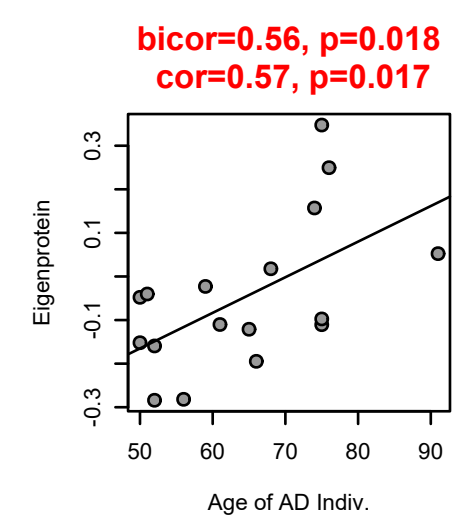
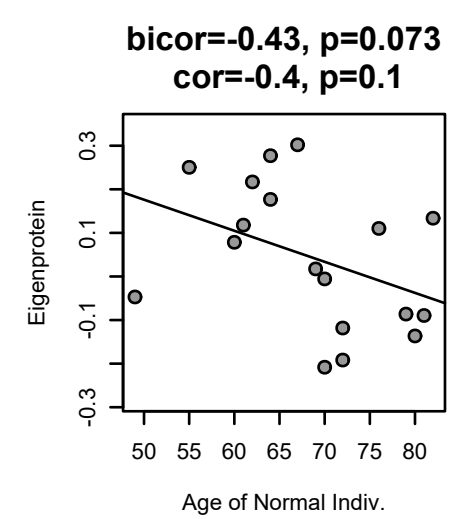
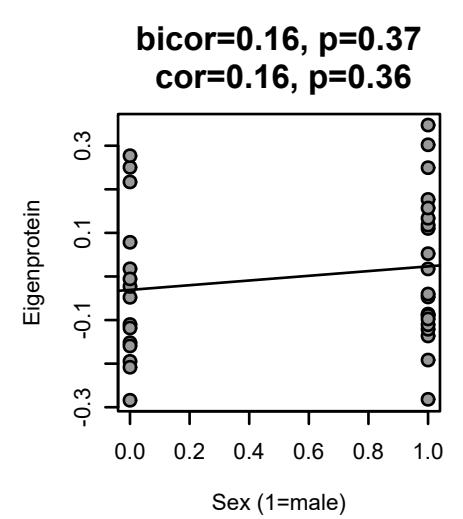
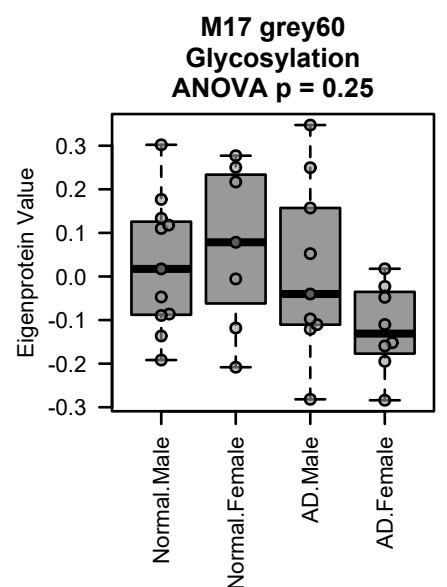
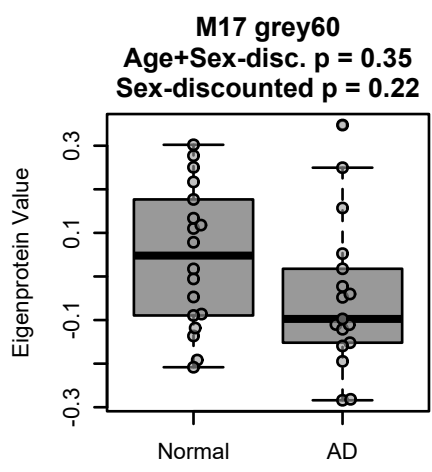


bicor=-0.34, p=0.049
cor=-0.33, p=0.053

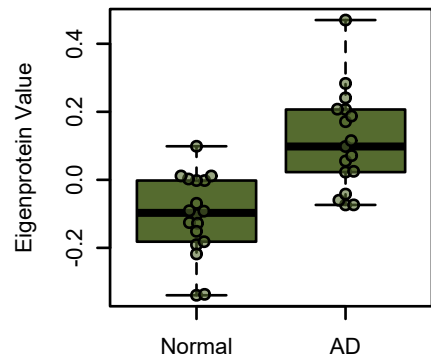


bicor=-0.13, p=0.45
cor=-0.13, p=0.46

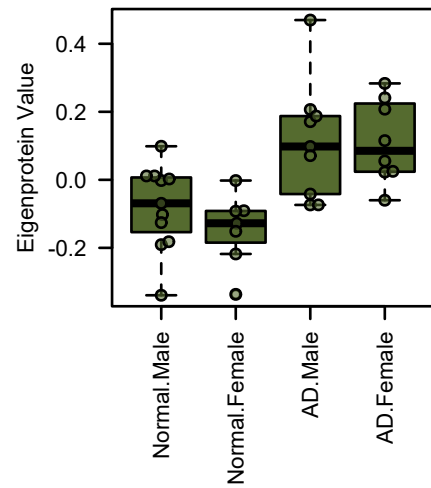




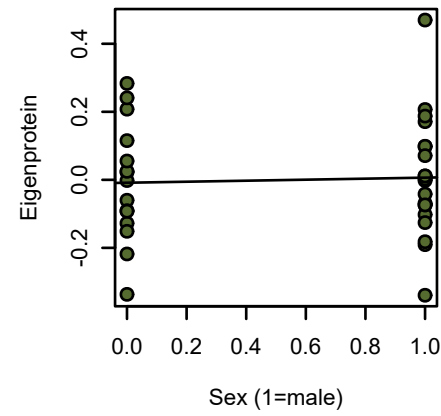
M33 darkolivegreen
Age+Sex-disc. $p = 0.00017$
Sex-discounted $p = 0.00014$



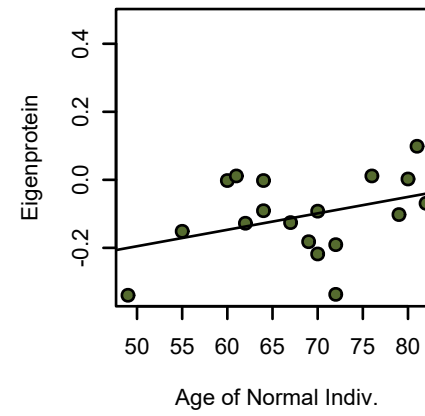
M33 darkolivegreen
Adhesion/ECM/Wound Response
ANOVA $p = 0.00035$



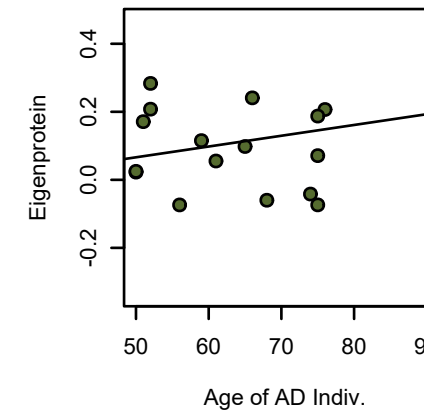
bicor=0.024, $p=0.89$
cor=0.044, $p=0.8$



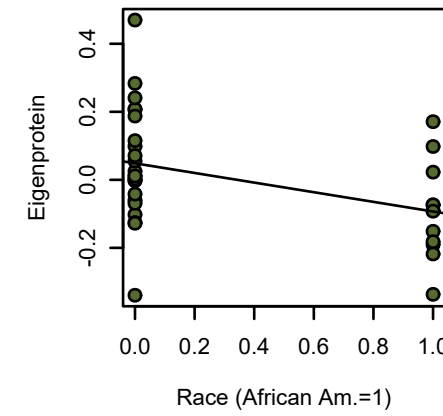
bicor=0.34, $p=0.17$
cor=0.37, $p=0.13$



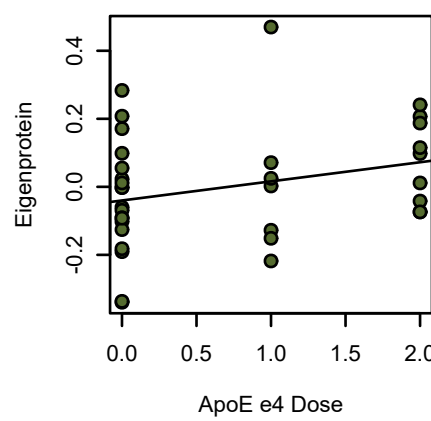
bicor=0.16, $p=0.53$
cor=0.26, $p=0.31$



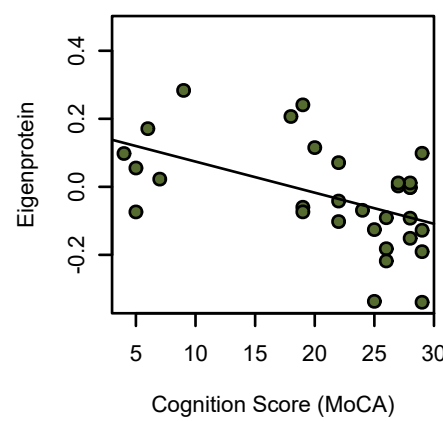
bicor=-0.41, $p=0.013$
cor=-0.4, $p=0.017$



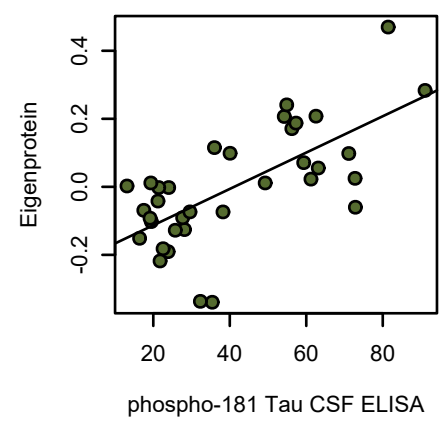
bicor=0.29, $p=0.088$
cor=0.28, $p=0.1$



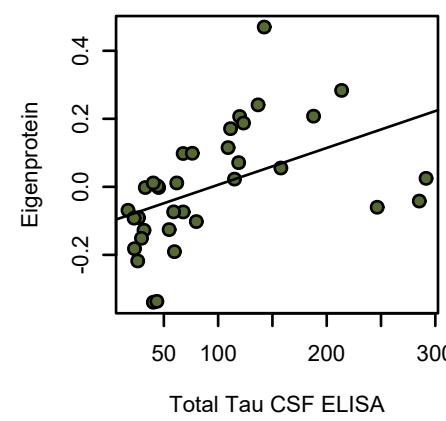
bicor=-0.55, $p=0.0012$
cor=-0.51, $p=0.0034$



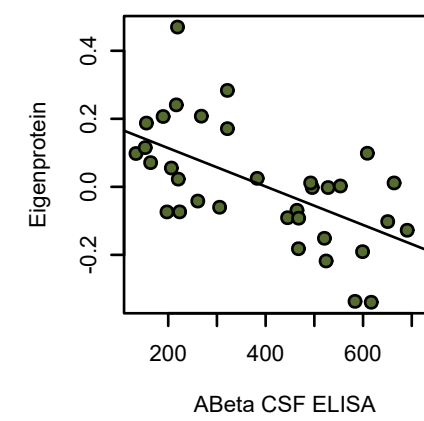
bicor=0.66, $p=1.4e-05$
cor=0.67, $p=1.1e-05$



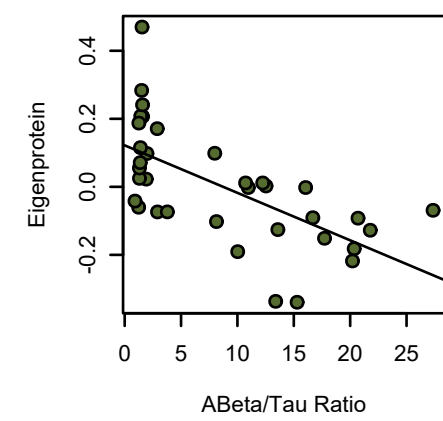
bicor=0.63, $p=4.5e-05$
cor=0.47, $p=0.0044$



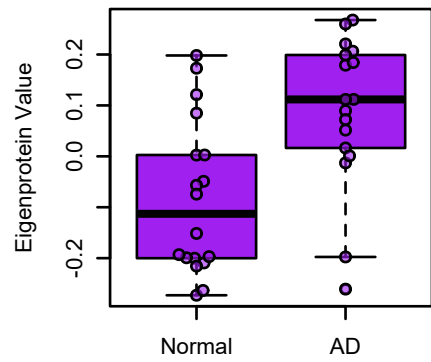
bicor=-0.62, $p=8.3e-05$
cor=-0.61, $p=1e-04$



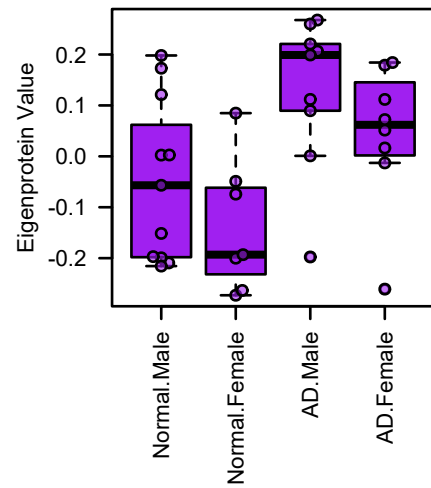
bicor=-0.69, $p=4.3e-06$
cor=-0.64, $p=3.5e-05$



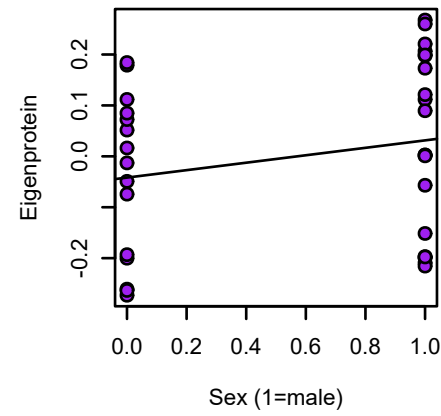
M10 purple
Age+Sex-disc. $p = 0.0034$
Sex-discounted $p = 0.0019$



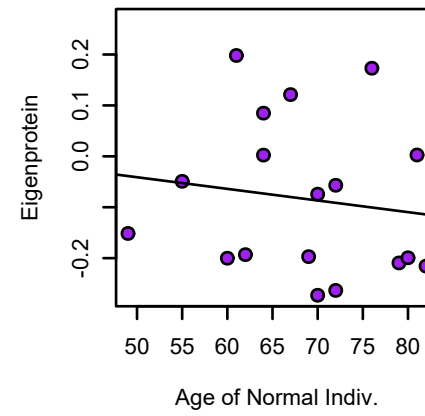
M10 purple
Ambiguous
ANOVA $p = 0.0091$



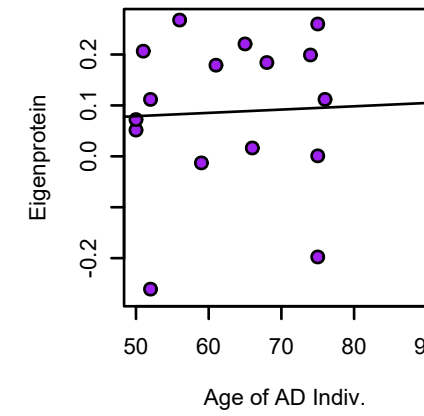
bicor=0.21, $p=0.23$
cor=0.21, $p=0.23$



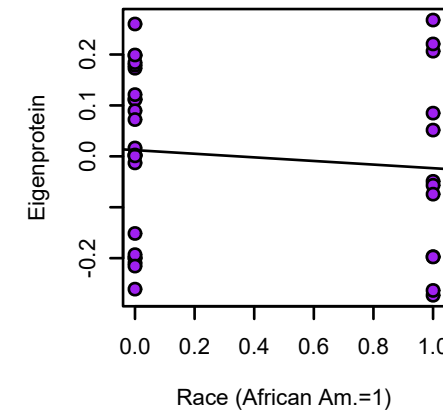
bicor=-0.17, $p=0.49$
cor=-0.14, $p=0.58$



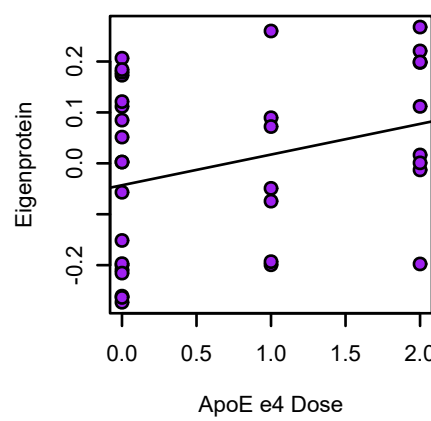
bicor=0.037, $p=0.89$
cor=0.052, $p=0.84$



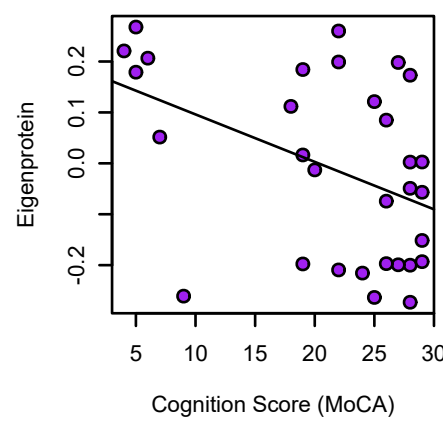
bicor=-0.1, $p=0.56$
cor=-0.1, $p=0.57$



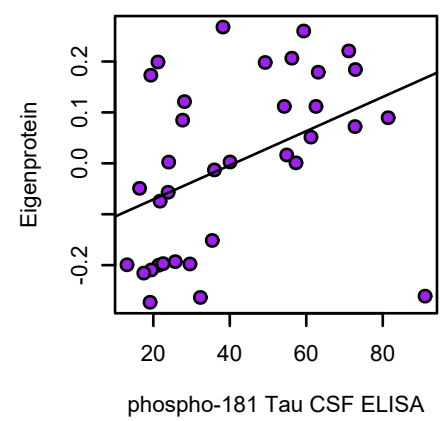
bicor=0.3, $p=0.082$
cor=0.3, $p=0.08$



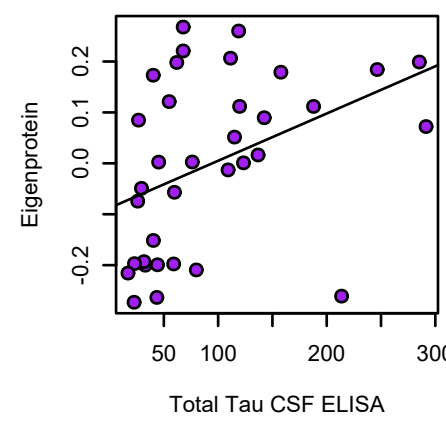
bicor=-0.29, $p=0.11$
cor=-0.43, $p=0.016$



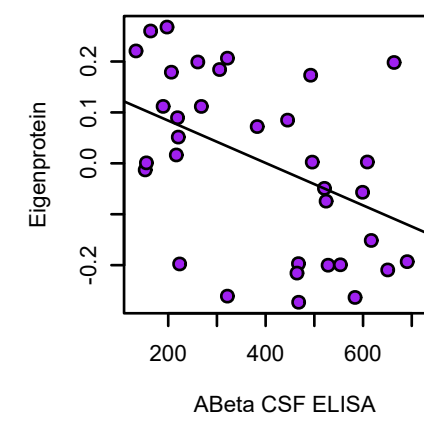
bicor=0.46, $p=0.0056$
cor=0.42, $p=0.012$



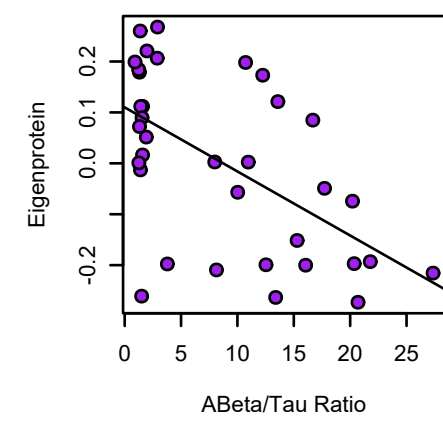
bicor=0.43, $p=0.0094$
cor=0.4, $p=0.017$



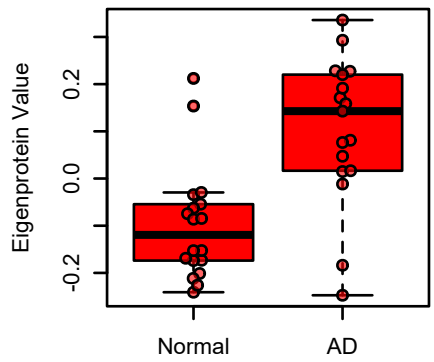
bicor=-0.44, $p=0.0085$
cor=-0.45, $p=0.0067$



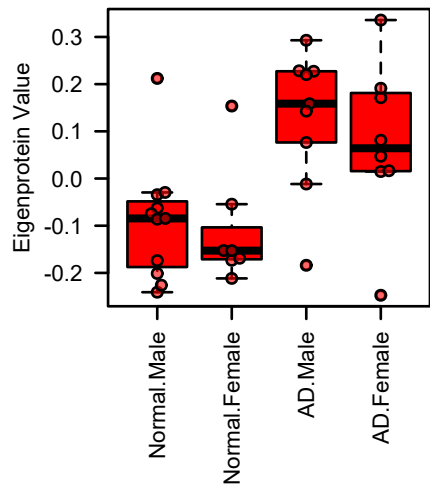
bicor=-0.57, $p=0.00031$
cor=-0.57, $p=0.00035$



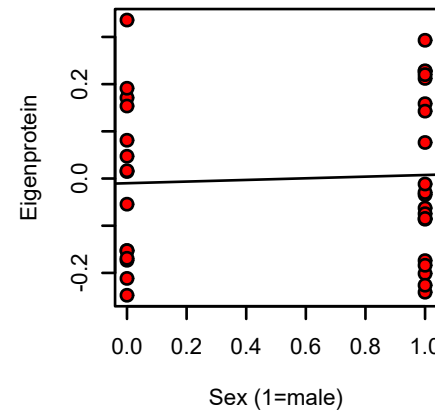
M6 red
Age+Sex-disc. $p = 0.0025$
Sex-discounted $p = 7e-04$



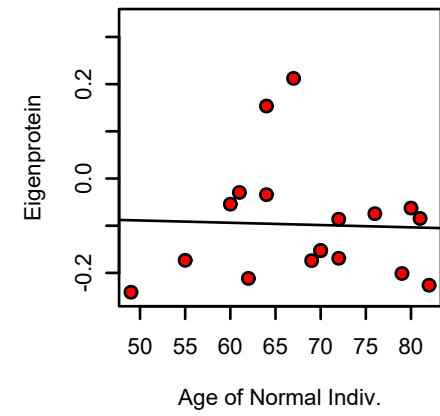
M6 red
Axon Guidance/Nervous System D
ANOVA $p = 0.0067$



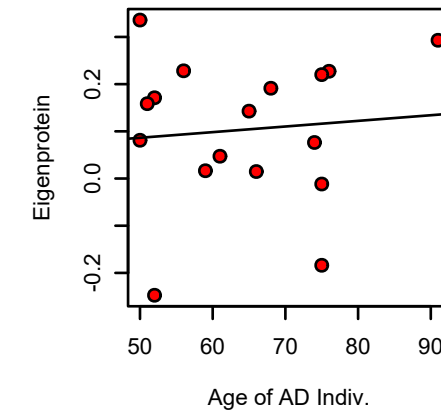
bicor=0.051, $p=0.77$
cor=0.051, $p=0.77$



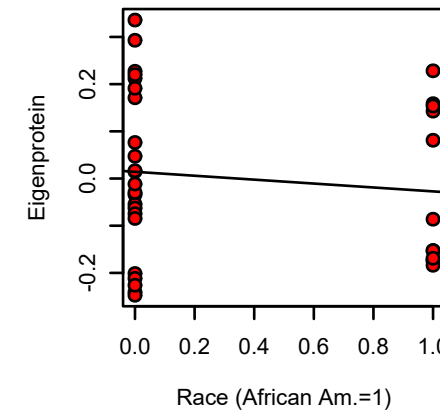
bicor=-0.039, $p=0.88$
cor=-0.036, $p=0.89$



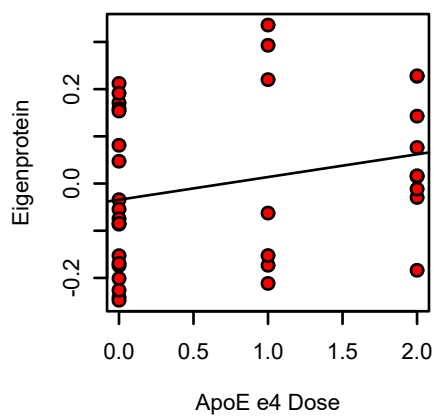
bicor=0.07, $p=0.79$
cor=0.092, $p=0.73$



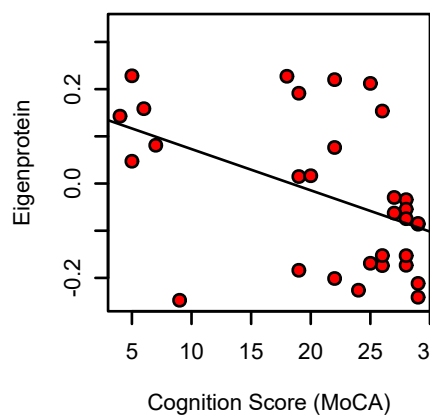
bicor=-0.11, $p=0.52$
cor=-0.12, $p=0.49$



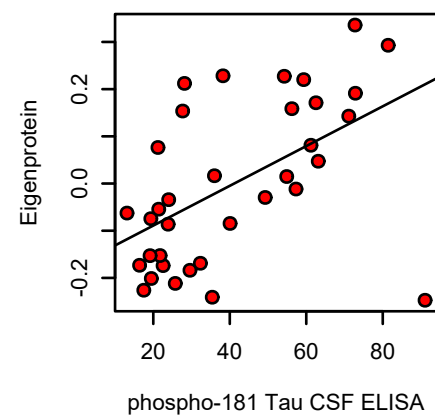
bicor=0.24, $p=0.17$
cor=0.24, $p=0.16$



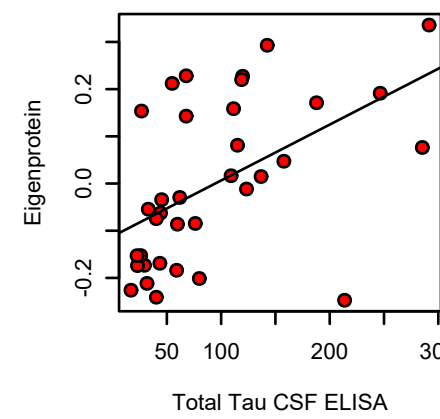
bicor=-0.46, $p=0.0086$
cor=-0.46, $p=0.0092$



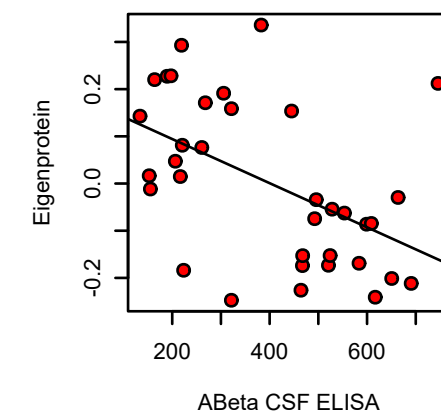
bicor=0.58, $p=0.00026$
cor=0.53, $p=0.0011$



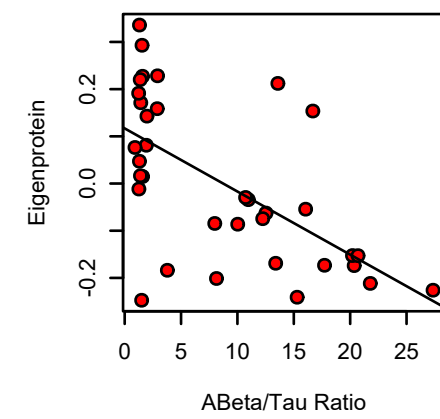
bicor=0.56, $p=0.00047$
cor=0.52, $p=0.0014$



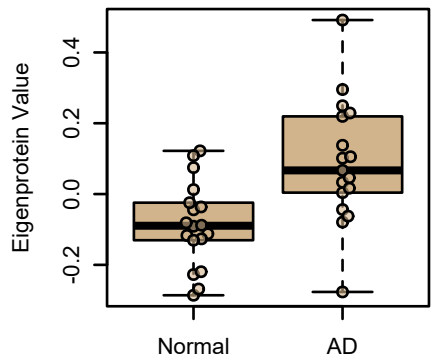
bicor=-0.54, $p=0.00091$
cor=-0.5, $p=0.0022$



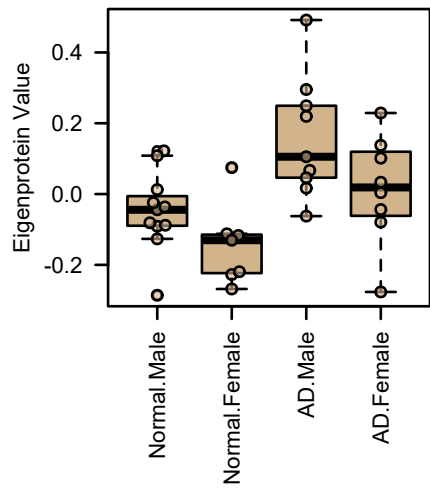
bicor=-0.6, $p=0.00016$
cor=-0.61, $p=1e-04$



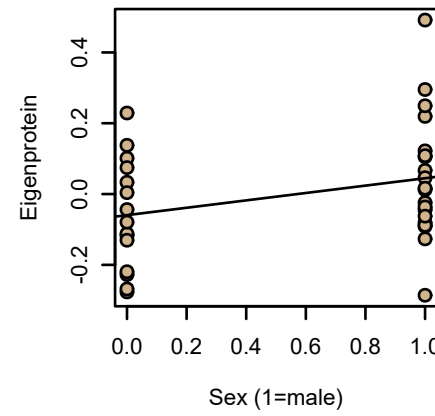
M12 tan
Age+Sex-disc. $p = 6.4e-05$
Sex-discounted $p = 0.00036$



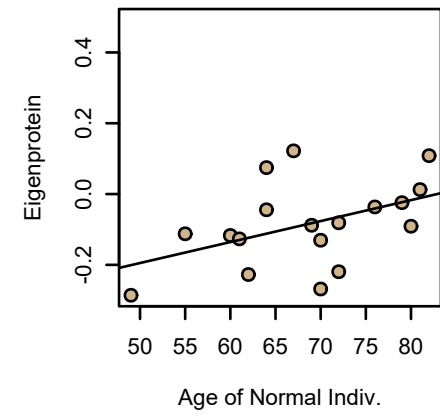
M12 tan
Matrisome
ANOVA $p = 0.00023$



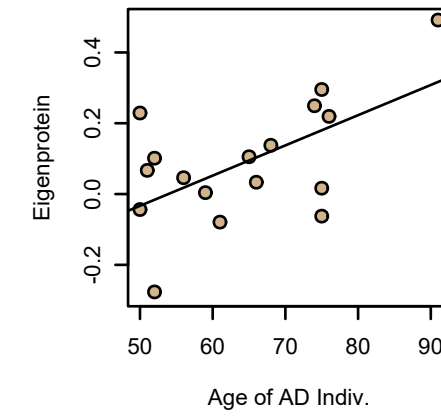
bicor=0.29, $p=0.088$
cor=0.31, $p=0.07$



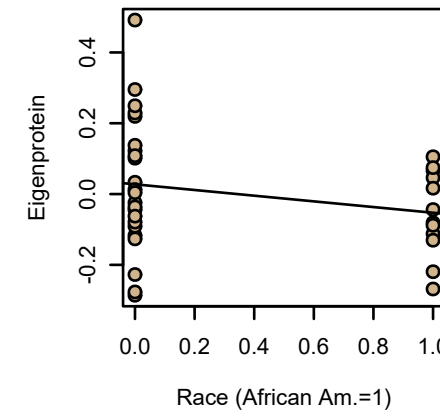
bicor=0.45, $p=0.063$
cor=0.46, $p=0.055$



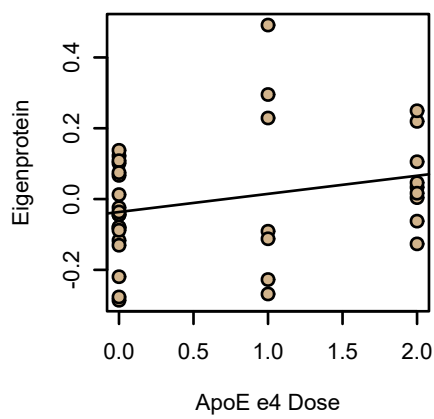
bicor=0.51, $p=0.036$
cor=0.58, $p=0.015$



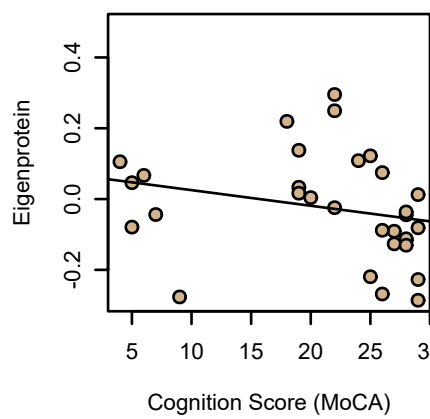
bicor=-0.21, $p=0.23$
cor=-0.23, $p=0.18$



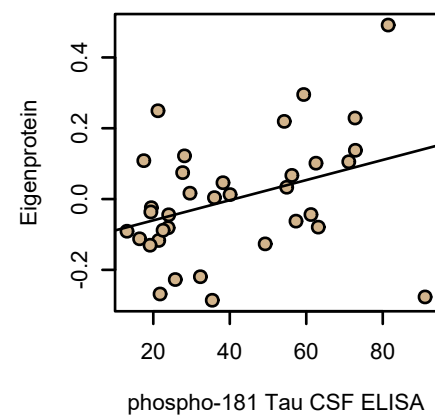
bicor=0.26, $p=0.13$
cor=0.26, $p=0.13$



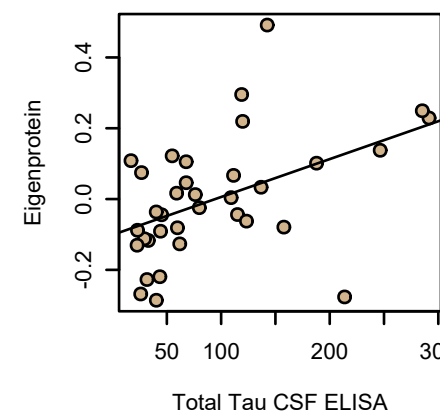
bicor=-0.47, $p=0.0079$
cor=-0.25, $p=0.17$



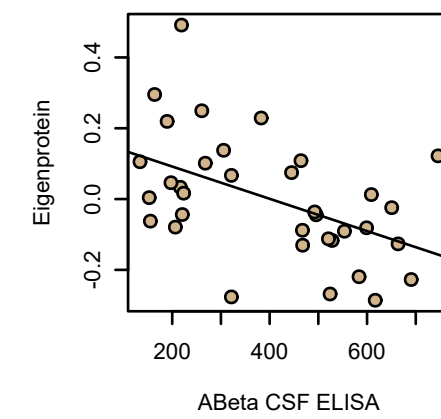
bicor=0.36, $p=0.034$
cor=0.36, $p=0.034$



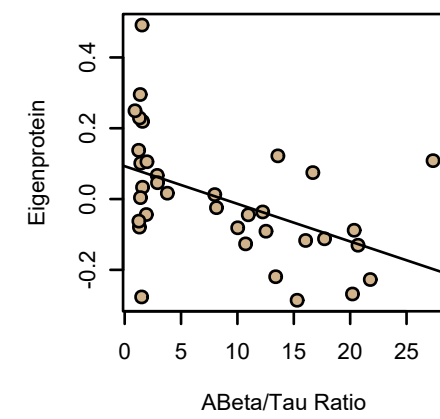
bicor=0.48, $p=0.0037$
cor=0.47, $p=0.0044$



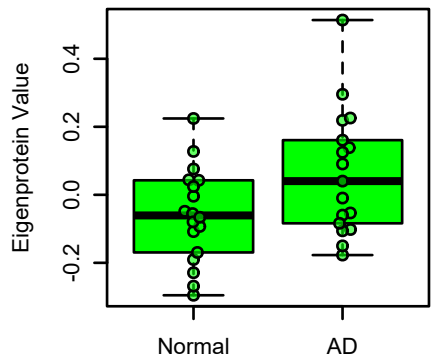
bicor=-0.51, $p=0.0016$
cor=-0.49, $p=0.0028$



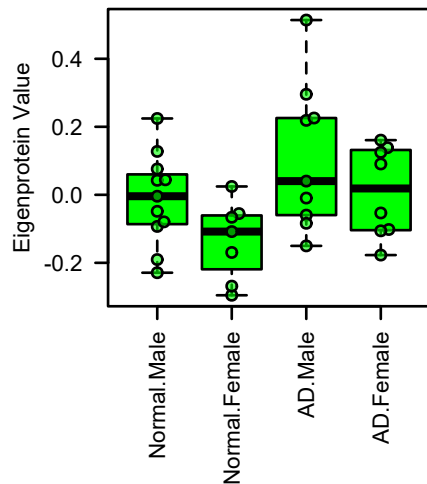
bicor=-0.51, $p=0.0019$
cor=-0.49, $p=0.0028$



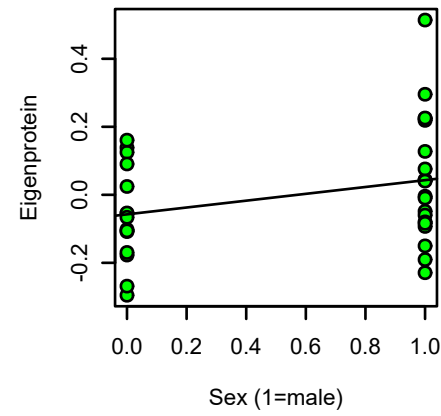
M5 green
Age+Sex-disc. $p = 0.0025$
Sex-discounted $p = 0.013$



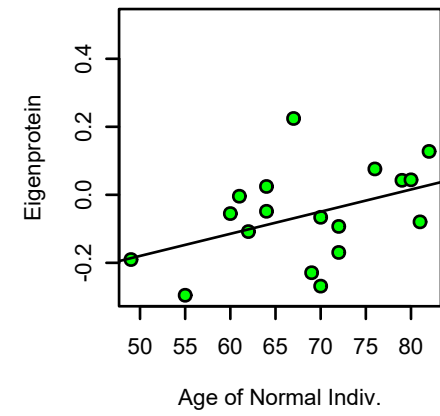
M5 green
ECM/IGF-PDGF Binding
ANOVA $p = 0.0056$



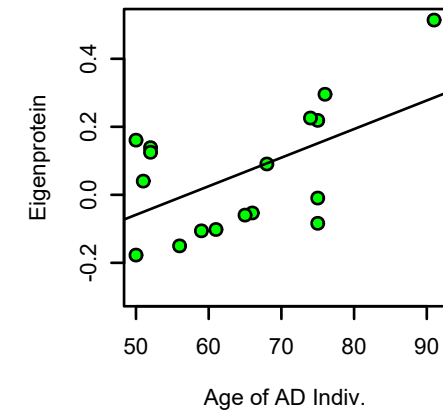
bicor=0.26, p=0.13
cor=0.29, p=0.091



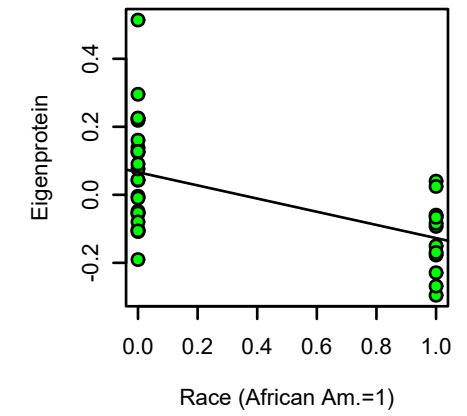
bicor=0.43, p=0.075
cor=0.43, p=0.075



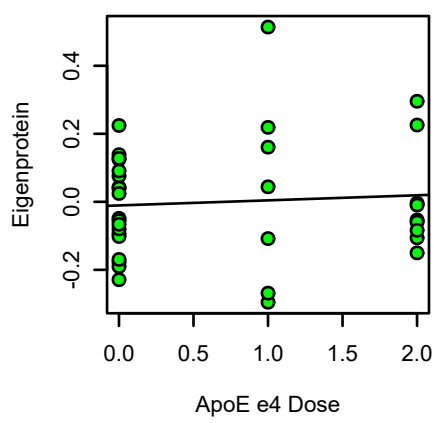
bicor=0.46, p=0.062
cor=0.55, p=0.022



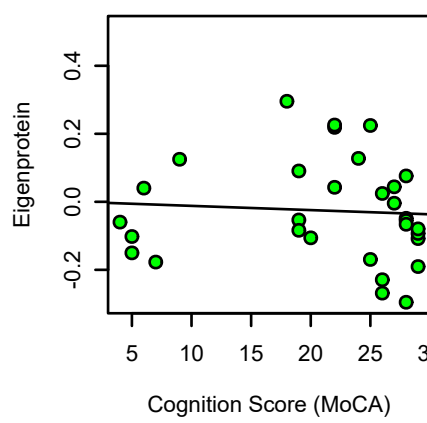
bicor=-0.56, p=0.00043
cor=-0.54, p=0.00081



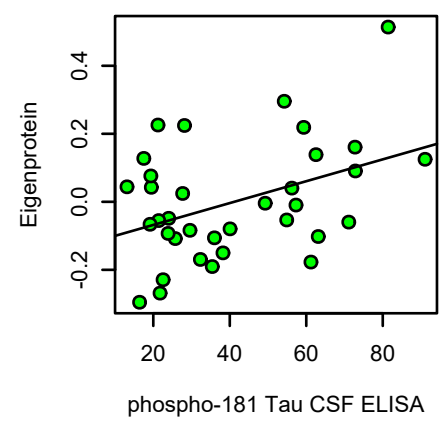
bicor=0.038, p=0.83
cor=0.075, p=0.67



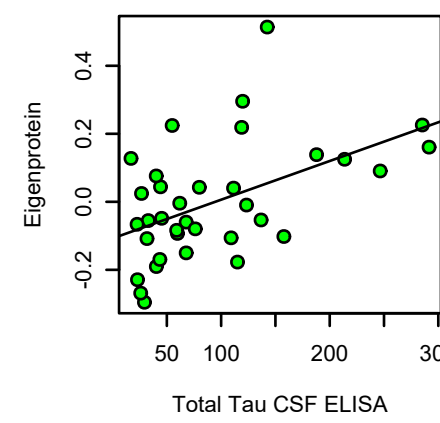
bicor=-0.35, p=0.055
cor=-0.069, p=0.71



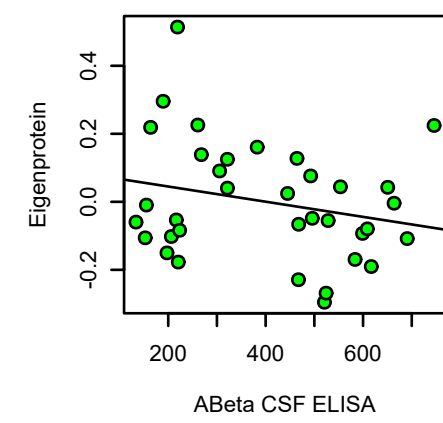
bicor=0.37, p=0.027
cor=0.41, p=0.014



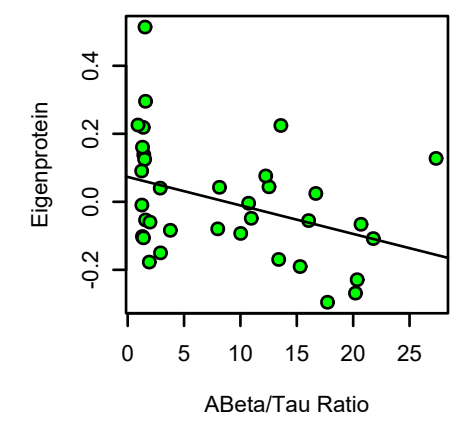
bicor=0.55, p=7e-04
cor=0.5, p=0.0022



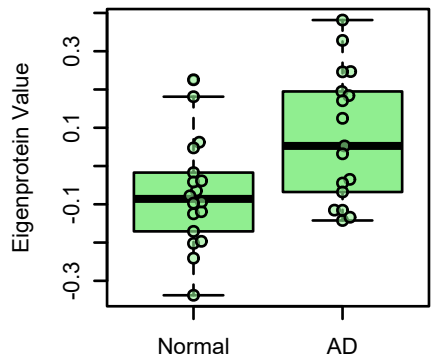
bicor=-0.25, p=0.14
cor=-0.24, p=0.16



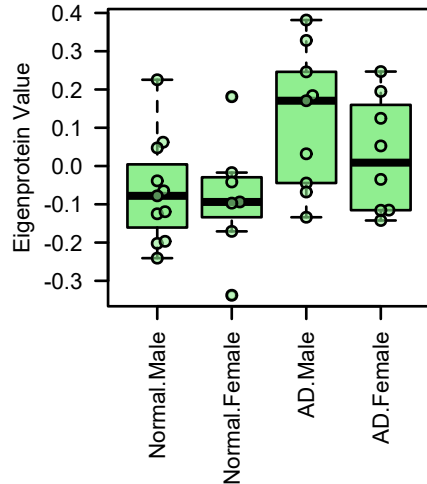
bicor=-0.36, p=0.036
cor=-0.38, p=0.024



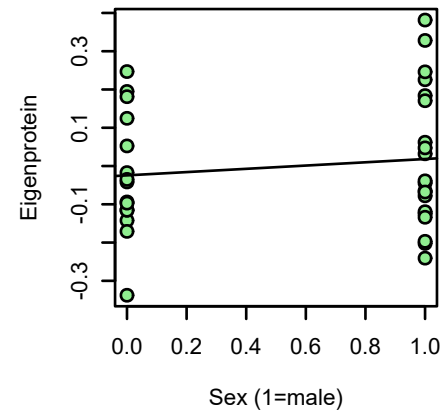
M18 lightgreen
Age+Sex-disc. $p = 0.025$
Sex-discounted $p = 0.018$



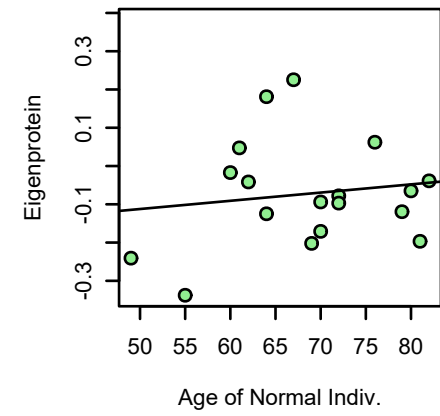
M18 lightgreen
Cellular Adhesion/ECM Organizati
ANOVA $p = 0.051$



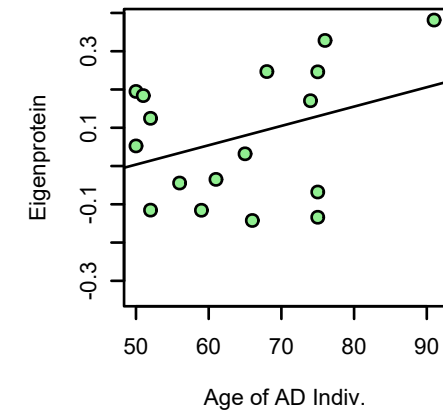
bicor=0.09, p=0.61
cor=0.12, p=0.49



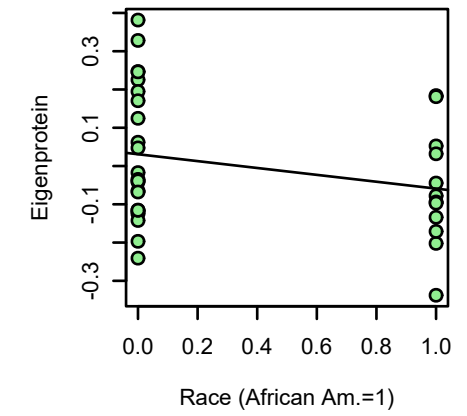
bicor=0.11, p=0.68
cor=0.14, p=0.58



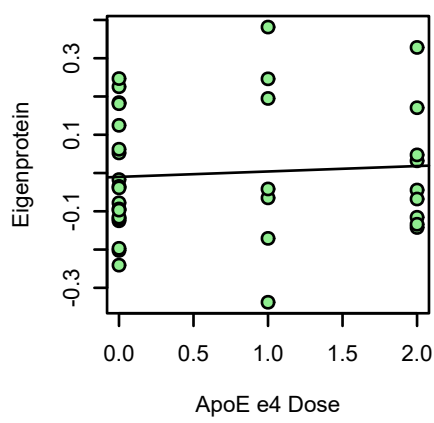
bicor=0.31, p=0.23
cor=0.35, p=0.17



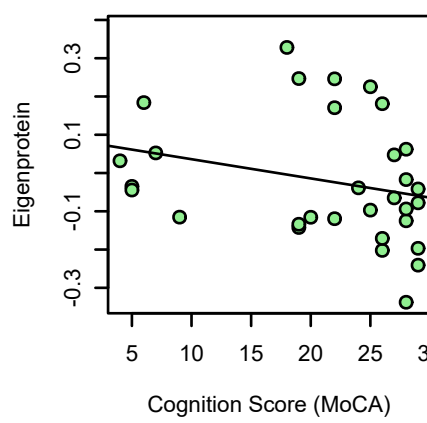
bicor=-0.22, p=0.2
cor=-0.25, p=0.15



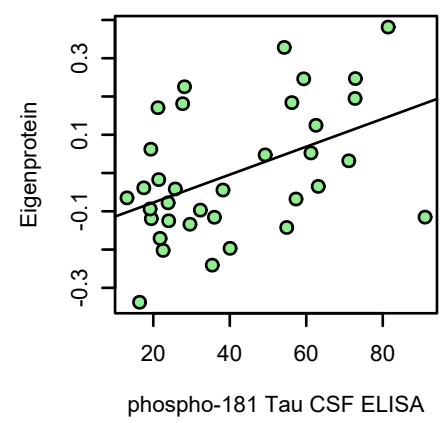
bicor=0.051, p=0.77
cor=0.071, p=0.69



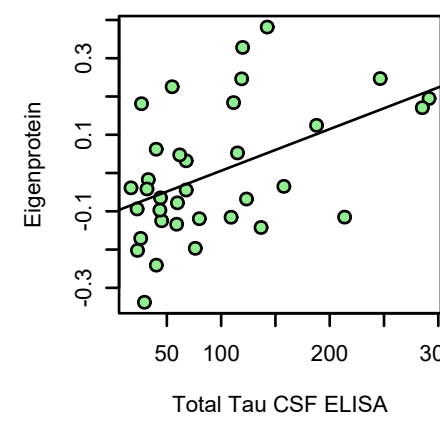
bicor=-0.37, p=0.042
cor=-0.26, p=0.16



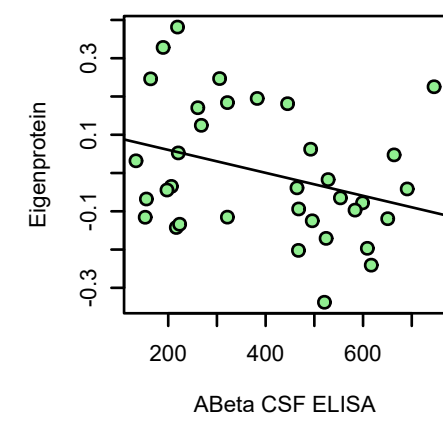
bicor=0.47, p=0.004
cor=0.46, p=0.0054



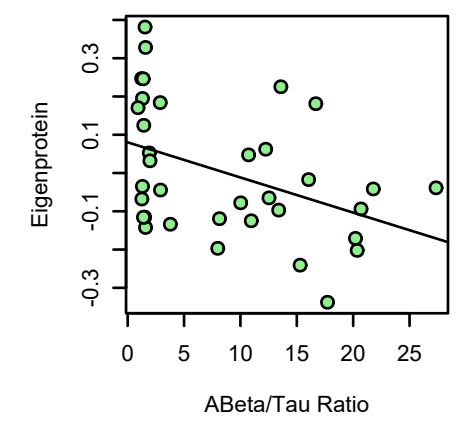
bicor=0.5, p=0.0024
cor=0.47, p=0.0044



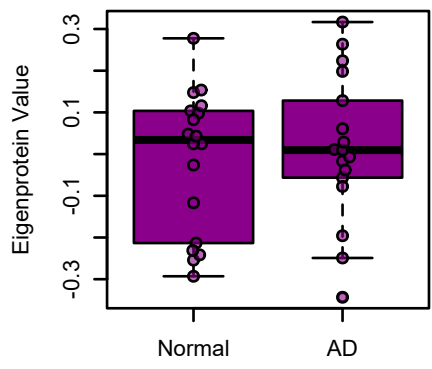
bicor=-0.34, p=0.043
cor=-0.32, p=0.061



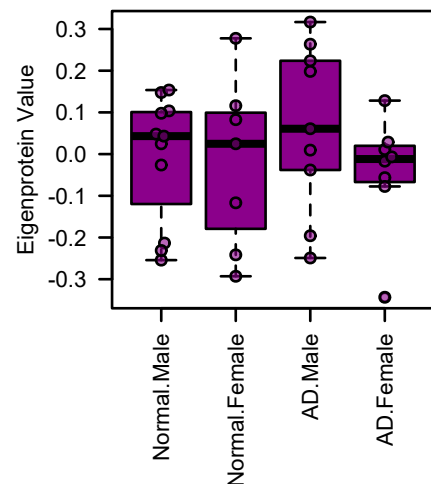
bicor=-0.39, p=0.02
cor=-0.42, p=0.012



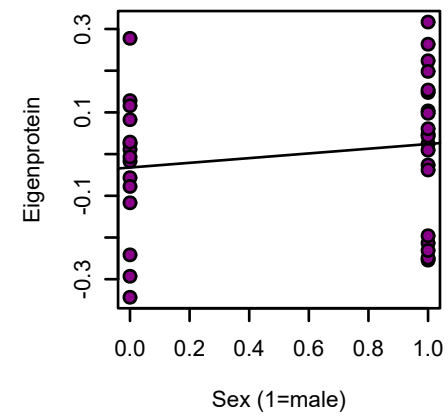
M34 darkmagenta
Age+Sex-disc. $p = 0.11$
Sex-discounted $p = 0.54$



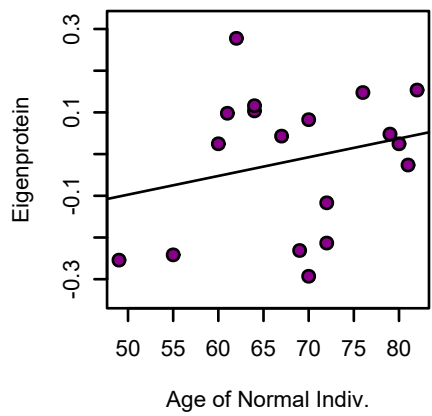
M34 darkmagenta
Carbohydrate Binding
ANOVA $p = 0.19$



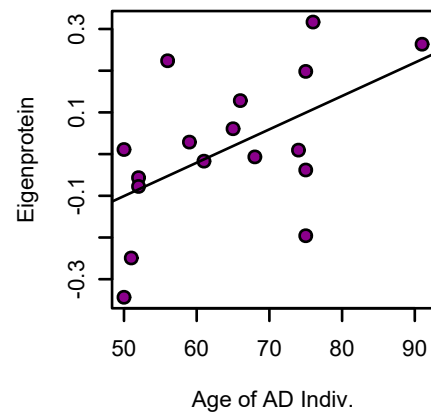
bicor=0.16, p=0.36
cor=0.17, p=0.33



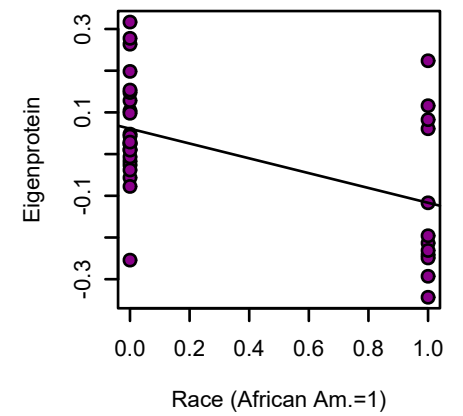
bicor=0.21, p=0.39
cor=0.24, p=0.34



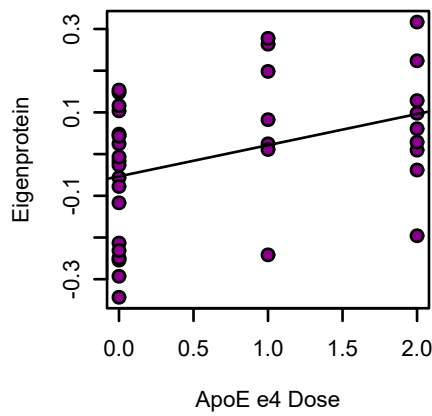
bicor=0.5, p=0.039
cor=0.54, p=0.025



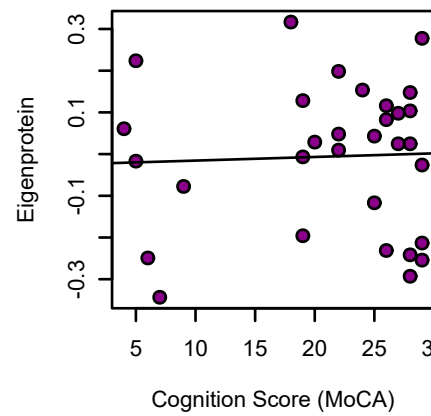
bicor=-0.48, p=0.0038
cor=-0.5, p=0.0022



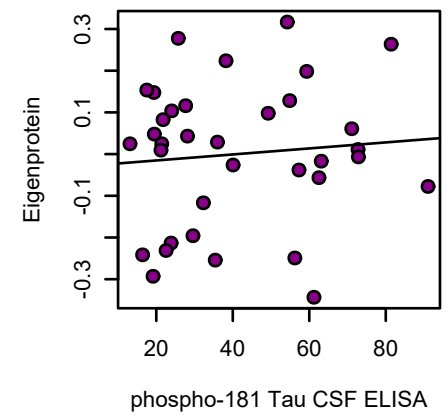
bicor=0.36, p=0.031
cor=0.37, p=0.029



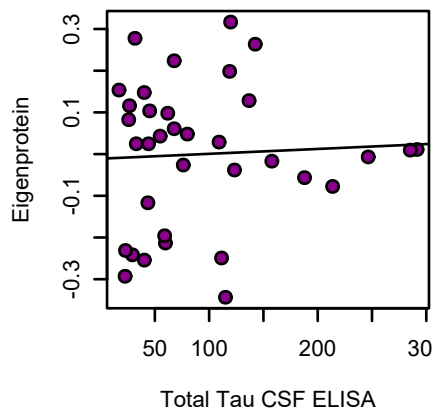
bicor=-0.037, p=0.84
cor=0.041, p=0.83



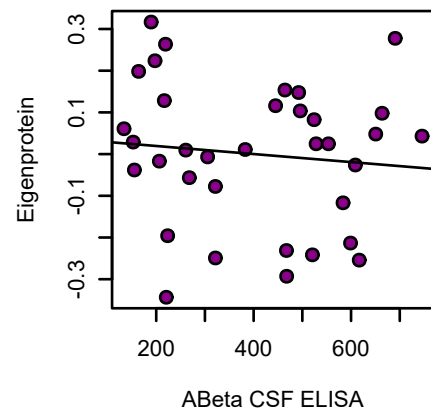
bicor=0.053, p=0.76
cor=0.091, p=0.6



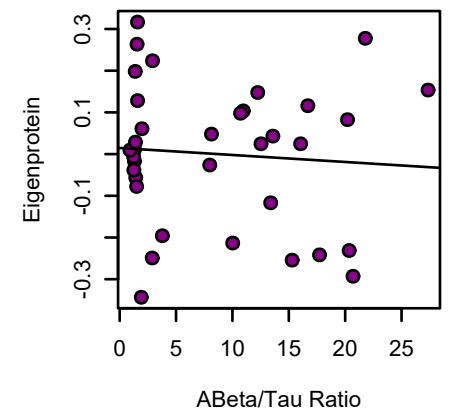
bicor=0.017, p=0.92
cor=0.051, p=0.77



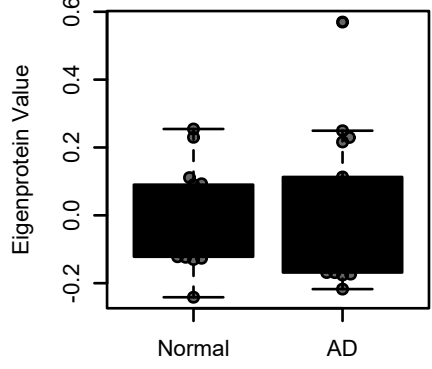
bicor=-0.075, p=0.67
cor=-0.1, p=0.57



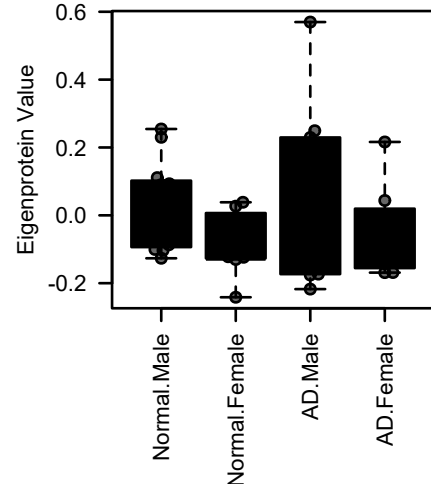
bicor=-0.084, p=0.63
cor=-0.077, p=0.66



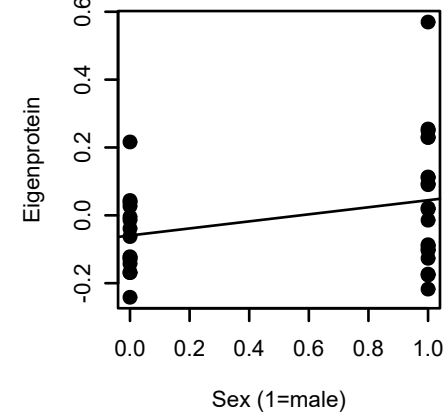
M7 black
Age+Sex-disc. $p = 0.0012$
Sex-discounted $p = 0.18$



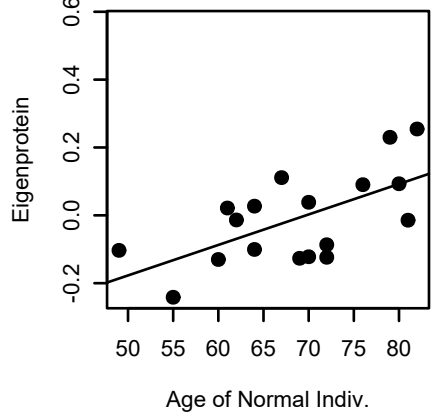
M7 black
TNF/Ephrin Signaling
ANOVA $p = 0.0023$



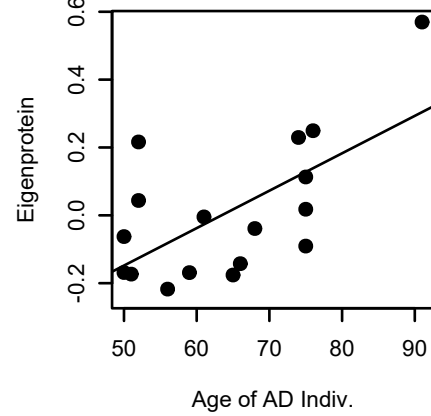
bicor=0.3, p=0.082
cor=0.3, p=0.08



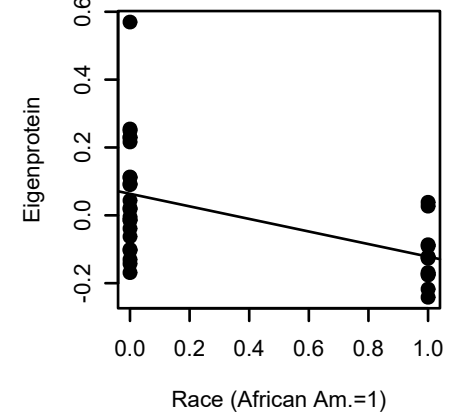
bicor=0.62, p=0.0065
cor=0.63, p=0.0051



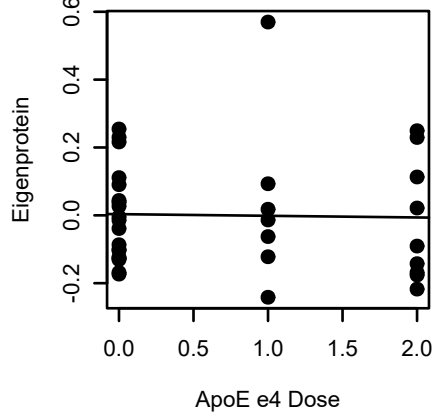
bicor=0.53, p=0.028
cor=0.63, p=0.0067



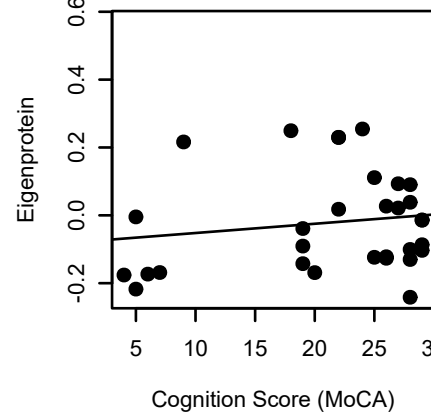
bicor=-0.56, p=0.00043
cor=-0.52, p=0.0014



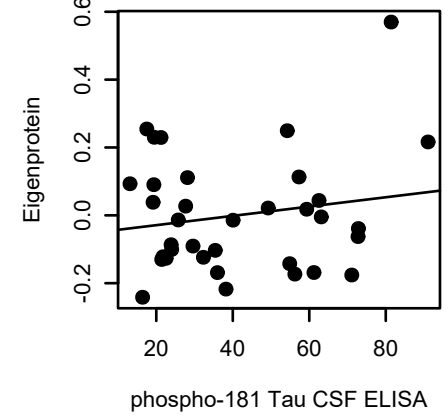
bicor=-0.051, p=0.77
cor=-0.024, p=0.89



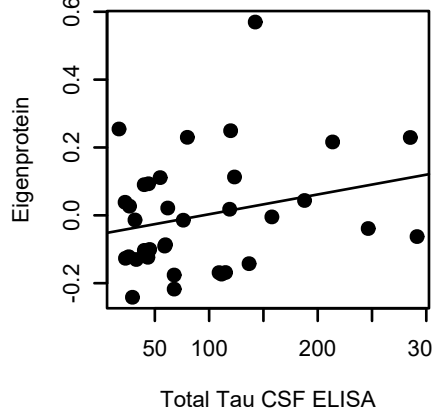
bicor=-0.077, p=0.68
cor=0.16, p=0.39



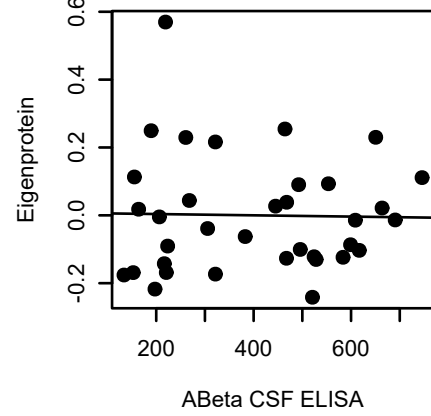
bicor=0.053, p=0.76
cor=0.17, p=0.33



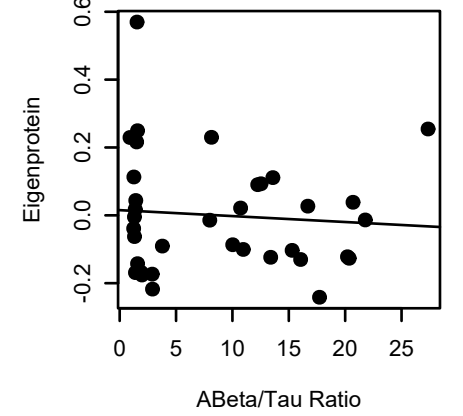
bicor=0.25, p=0.15
cor=0.25, p=0.15



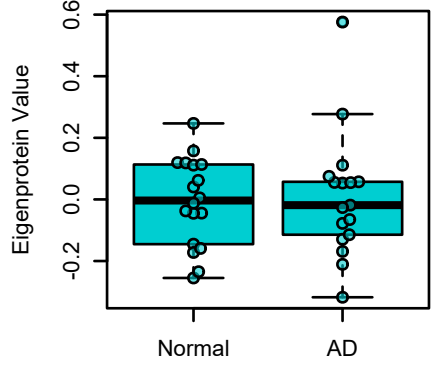
bicor=0.034, p=0.85
cor=-0.02, p=0.91



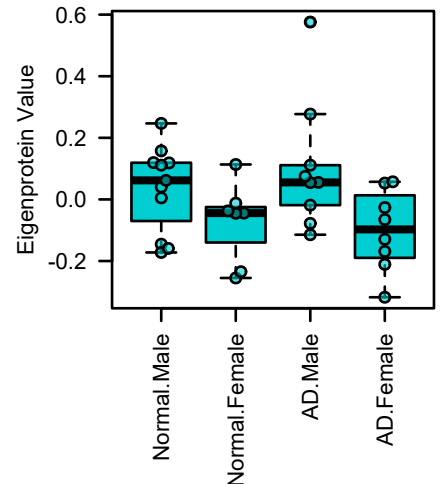
bicor=-0.053, p=0.76
cor=-0.08, p=0.65



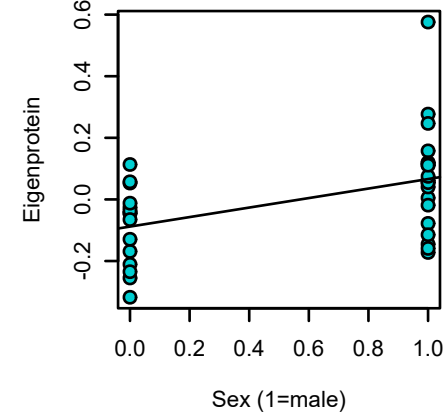
M23 darkturquoise
Age+Sex-disc. $p = 0.0011$
Sex-discounted $p = 0.023$



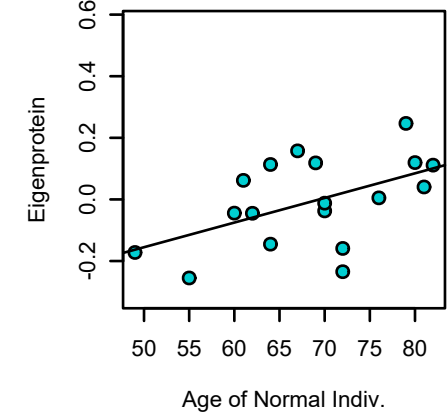
M23 darkturquoise
Carbohydrate Binding/ECM
ANOVA $p = 0.003$



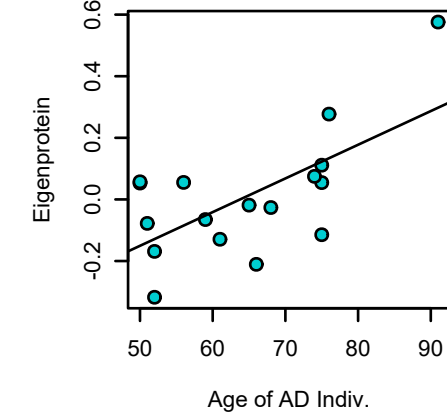
bicor=0.47, p=0.0044
cor=0.45, p=0.0067



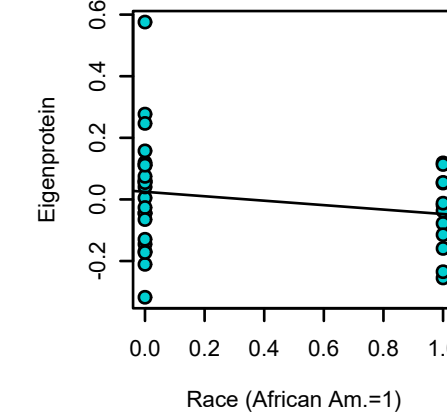
bicor=0.5, p=0.033
cor=0.52, p=0.027



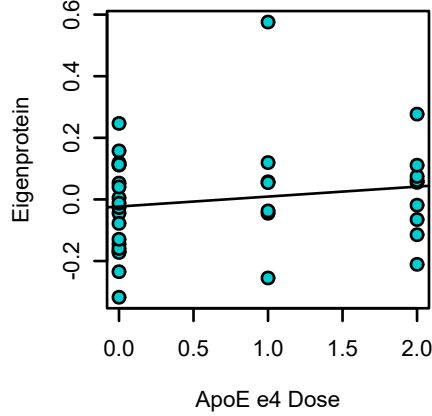
bicor=0.48, p=0.05
cor=0.65, p=0.0047



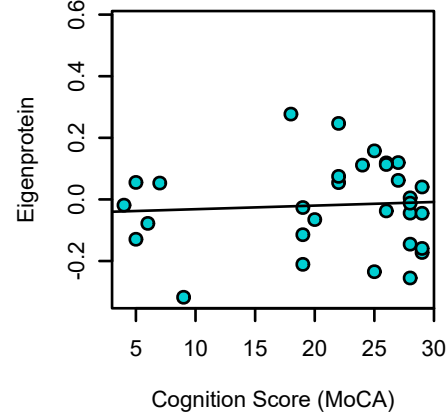
bicor=-0.19, p=0.27
cor=-0.2, p=0.25



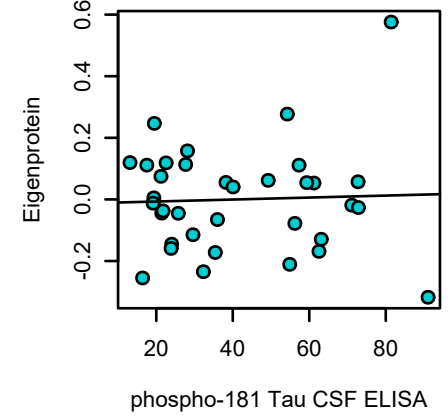
bicor=0.16, p=0.34
cor=0.16, p=0.36



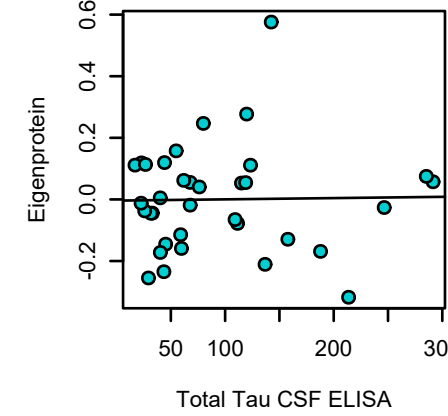
bicor=-0.04, p=0.83
cor=0.068, p=0.72



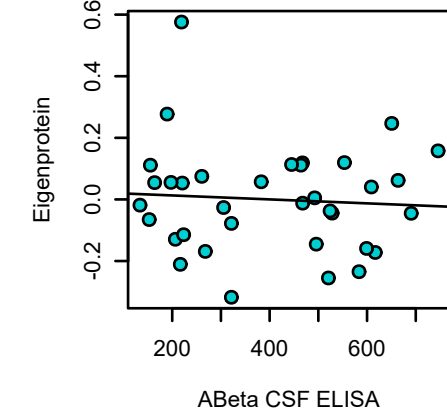
bicor=-0.028, p=0.87
cor=0.041, p=0.82



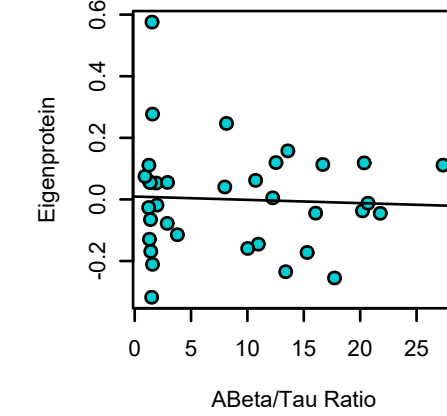
bicor=-0.015, p=0.93
cor=0.018, p=0.92



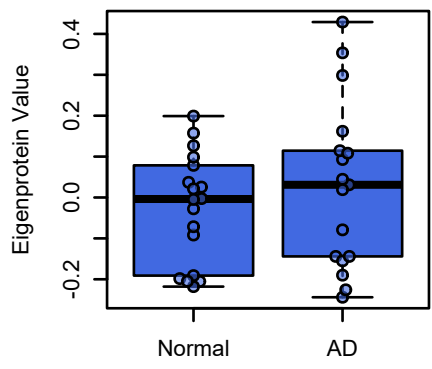
bicor=-0.029, p=0.87
cor=-0.069, p=0.69



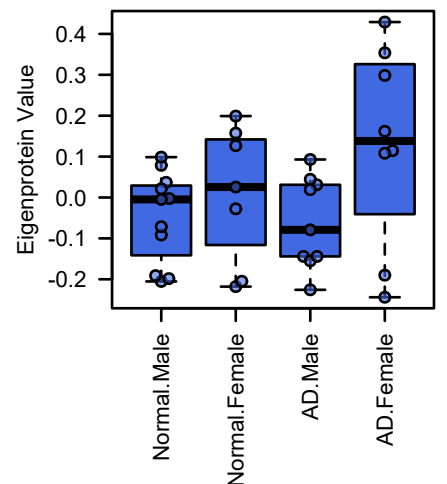
bicor=-0.0087, p=0.96
cor=-0.049, p=0.78



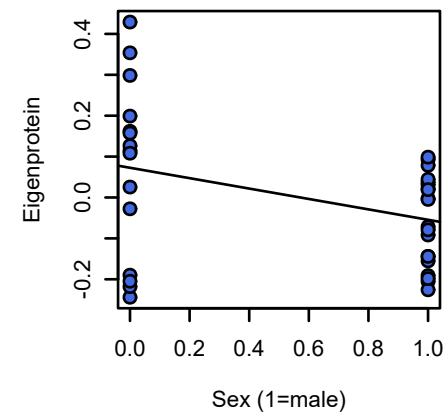
M20 royalblue
Age+Sex-disc. $p = 0.091$
Sex-discounted $p = 0.067$



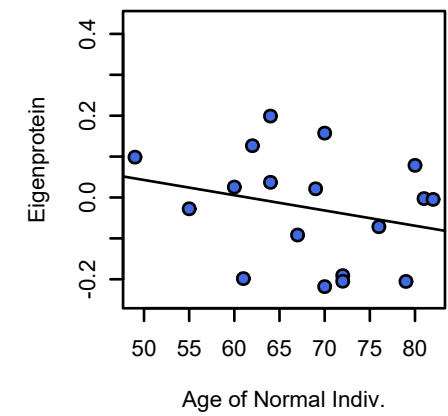
M20 royalblue
Digestion
ANOVA $p = 0.073$



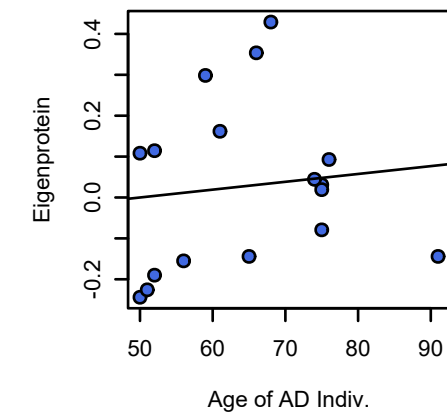
bicor=-0.37, p=0.029
cor=-0.37, p=0.029



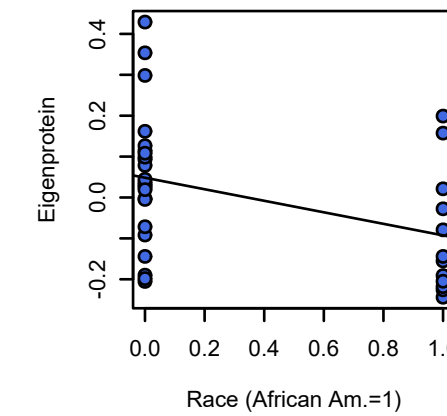
bicor=-0.24, p=0.34
cor=-0.26, p=0.3



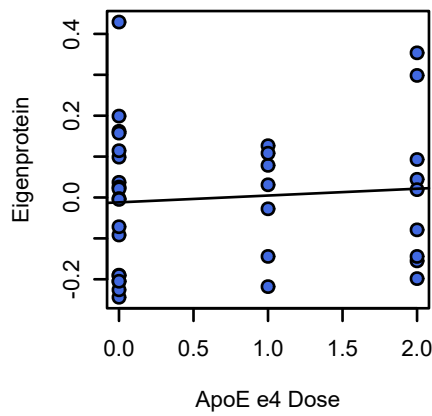
bicor=0.12, p=0.63
cor=0.11, p=0.67



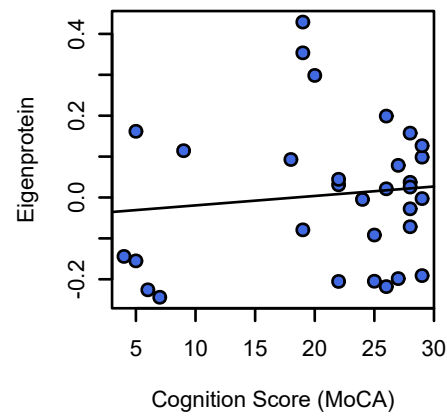
bicor=-0.39, p=0.019
cor=-0.4, p=0.017



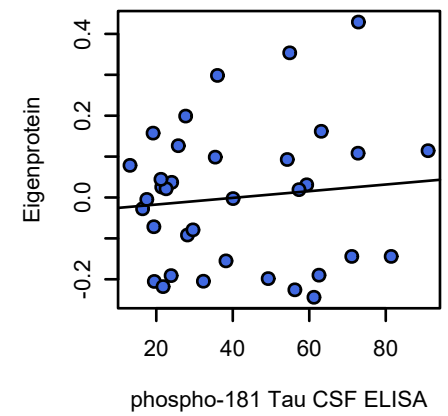
bicor=0.077, p=0.66
cor=0.084, p=0.63



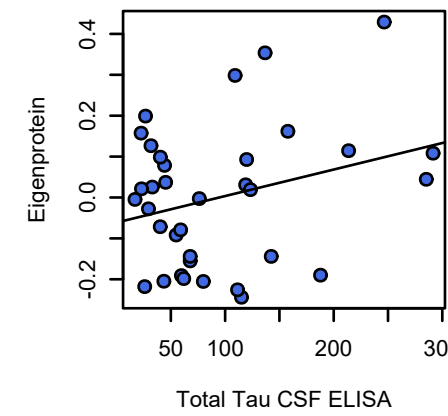
bicor=-0.09, p=0.63
cor=0.11, p=0.56



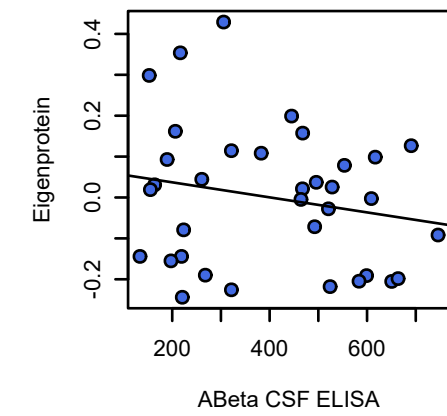
bicor=0.04, p=0.82
cor=0.1, p=0.57



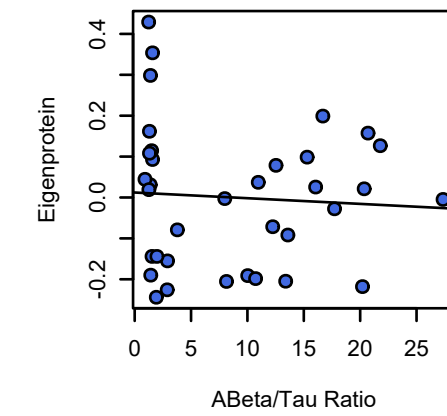
bicor=0.16, p=0.35
cor=0.28, p=0.1



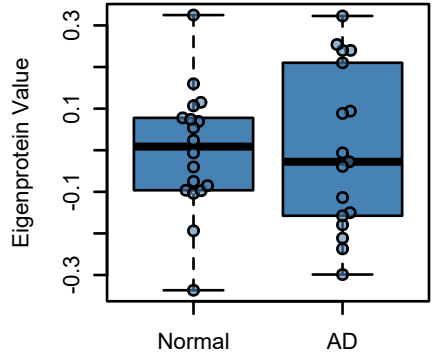
bicor=-0.15, p=0.39
cor=-0.2, p=0.25



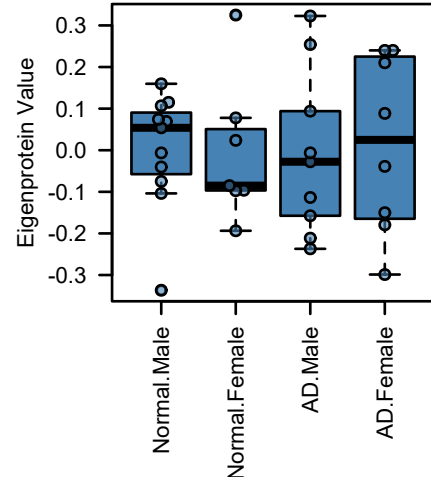
bicor=-0.055, p=0.76
cor=-0.063, p=0.72



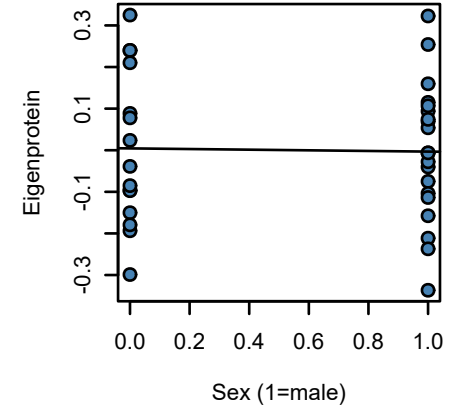
M30 steelblue
Age+Sex-disc. $p = 0.74$
Sex-discounted $p = 0.99$



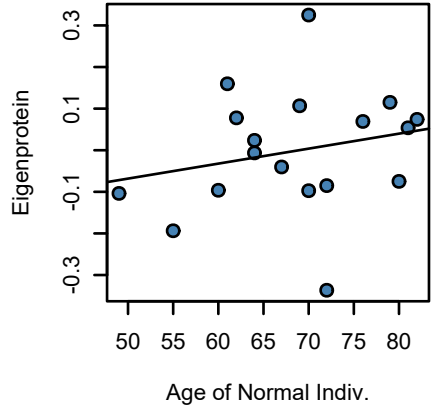
M30 steelblue
Ambiguous
ANOVA $p = 0.83$



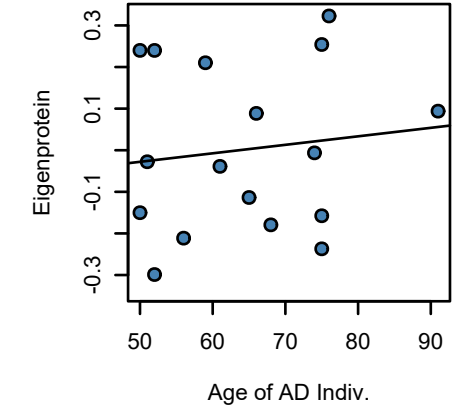
bicor=-0.0095, p=0.96
cor=-0.022, p=0.9



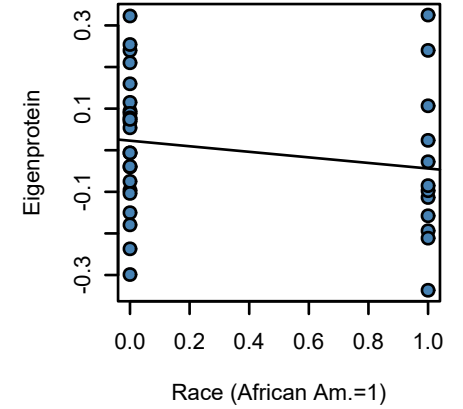
bicor=0.26, p=0.31
cor=0.22, p=0.38



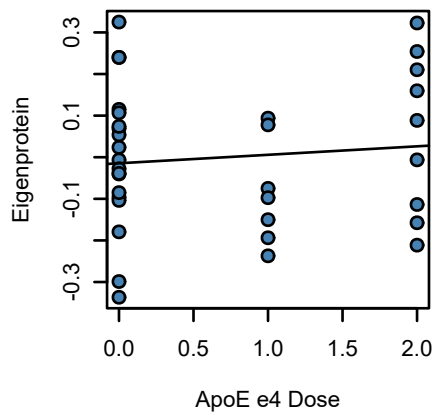
bicor=0.11, p=0.68
cor=0.12, p=0.65



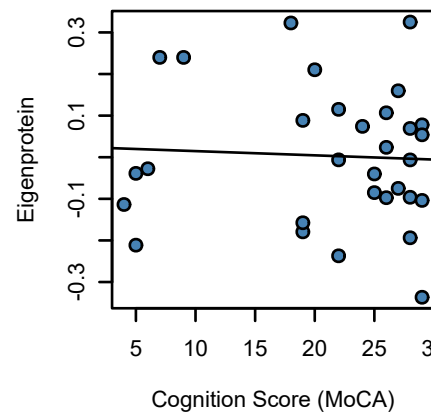
bicor=-0.2, p=0.24
cor=-0.19, p=0.27



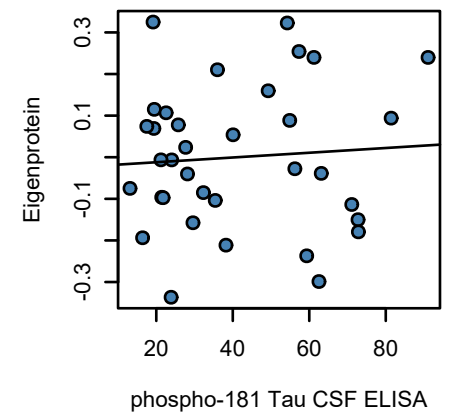
bicor=0.088, p=0.62
cor=0.1, p=0.57



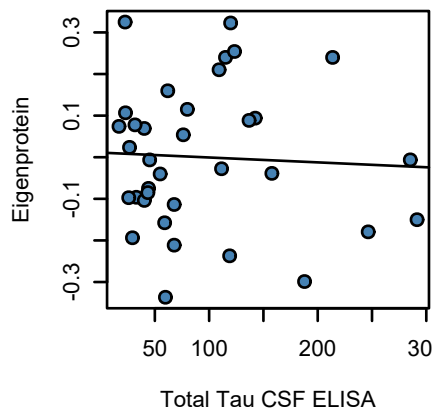
bicor=-0.17, p=0.36
cor=-0.051, p=0.79



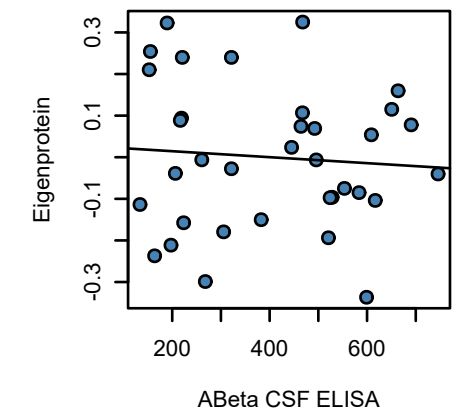
bicor=0.06, p=0.73
cor=0.072, p=0.68



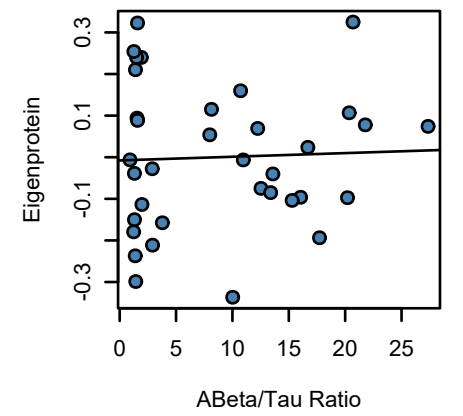
bicor=0.034, p=0.85
cor=-0.051, p=0.77



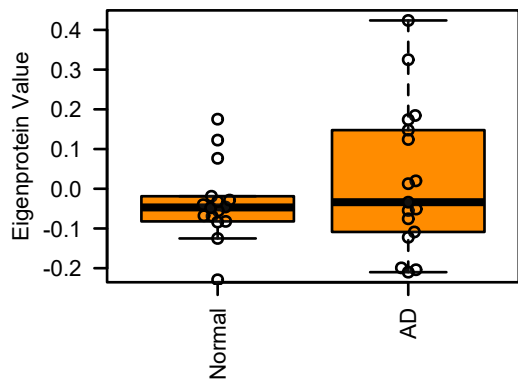
bicor=-0.066, p=0.71
cor=-0.077, p=0.66



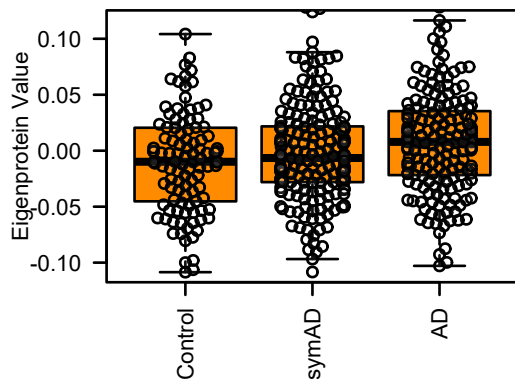
bicor=0.033, p=0.85
cor=0.04, p=0.82



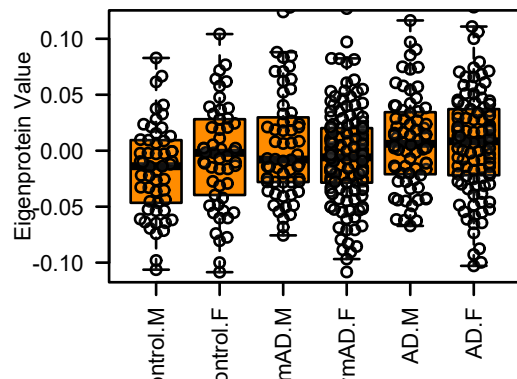
M26 darkorange.Plasma35
Bicarbonate Transport/Peroxidase



MEdarkorange.Brain (Synthetic)
ANOVA p: 0.0028

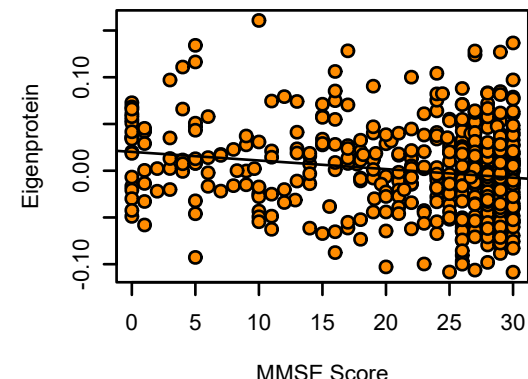


MEdarkorange.Brain (Synthetic)
ANOVA p: 0.0068

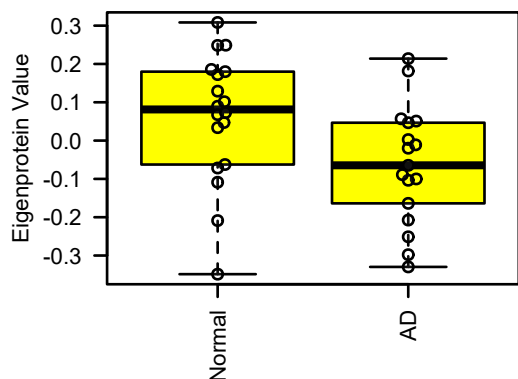


Diagnosis.Sex

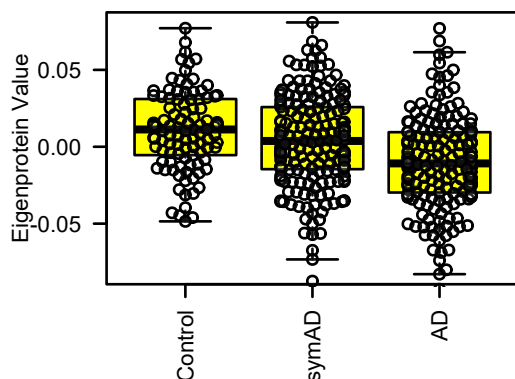
bicor=-0.11, p=0.018
cor=-0.18, p=6.4e-05



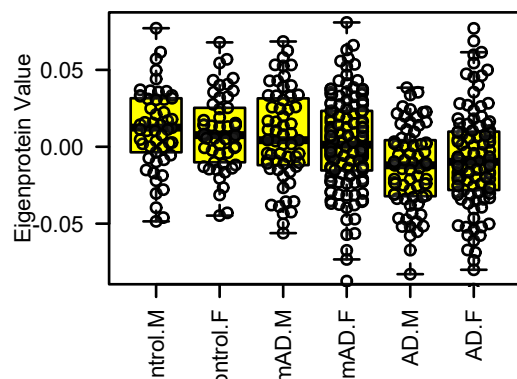
M4 yellow.Plasma35
T Cell Regulation



MEyellow.Brain (Synthetic)
ANOVA p: 8.4e-09

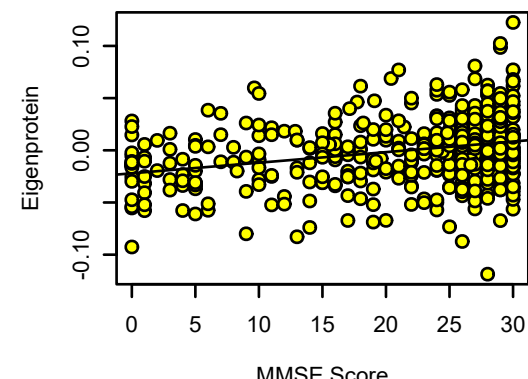


MEyellow.Brain (Synthetic)
ANOVA p: 1.6e-07

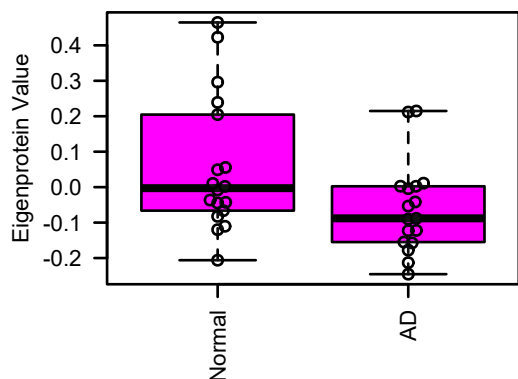


Diagnosis.Sex

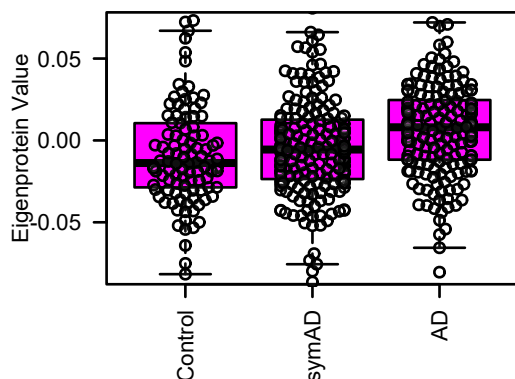
bicor=0.19, p=2.3e-05
cor=0.28, p=3.1e-10



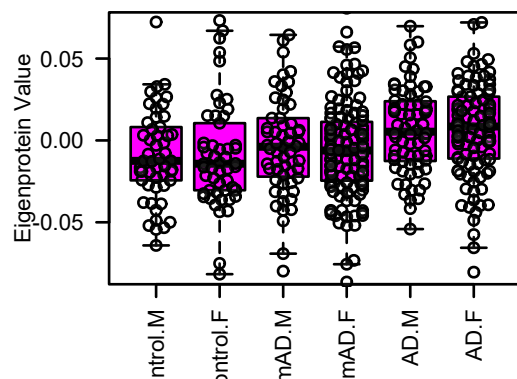
M9 magenta.Plasma35
Leukocyte Chemotaxis



MEmagenta.Brain (Synthetic)
ANOVA p: 0.00032

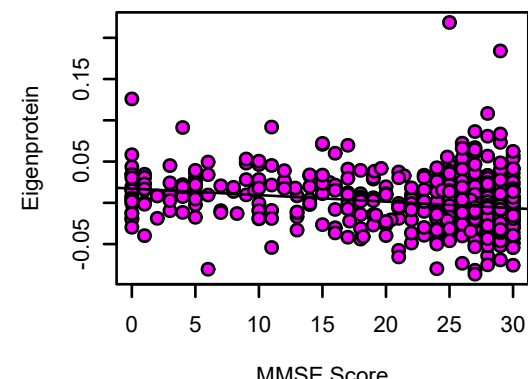


MEmagenta.Brain (Synthetic)
ANOVA p: 0.0066

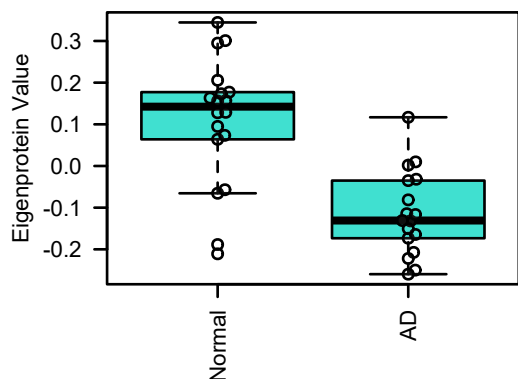


Diagnosis.Sex

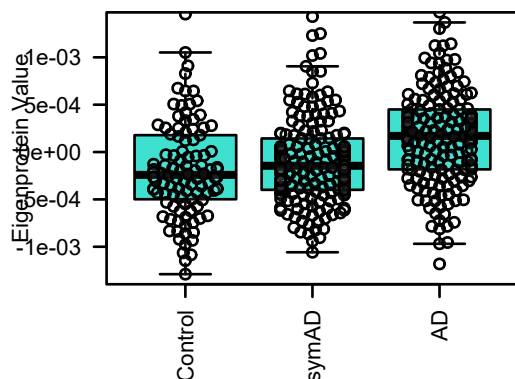
bicor=-0.18, p=6.9e-05
cor=-0.21, p=2.9e-06



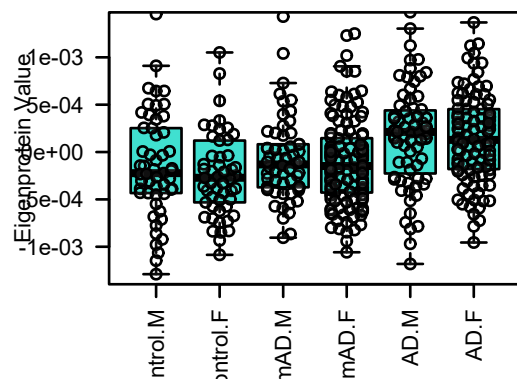
M1 turquoise.Plasma35
Cellular Metabolism/Intracellular Transpor



MEturquoise.Brain (Synthetic)
ANOVA p: 8.6e-07

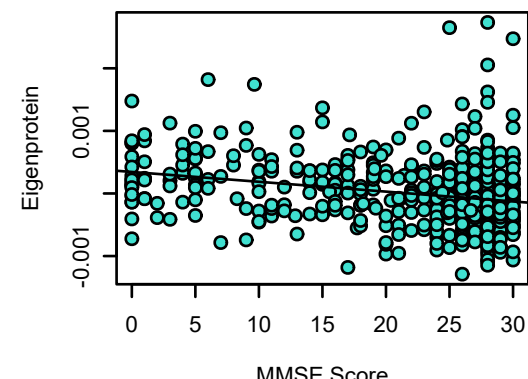


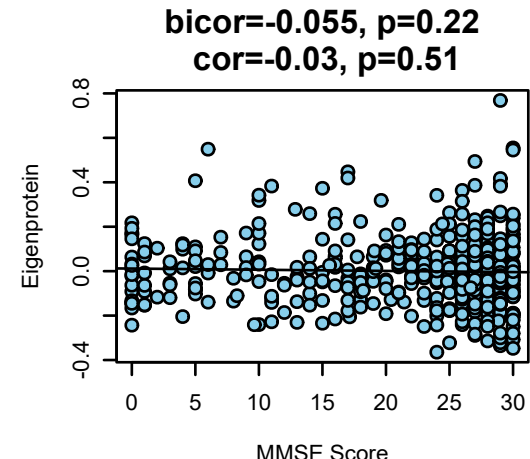
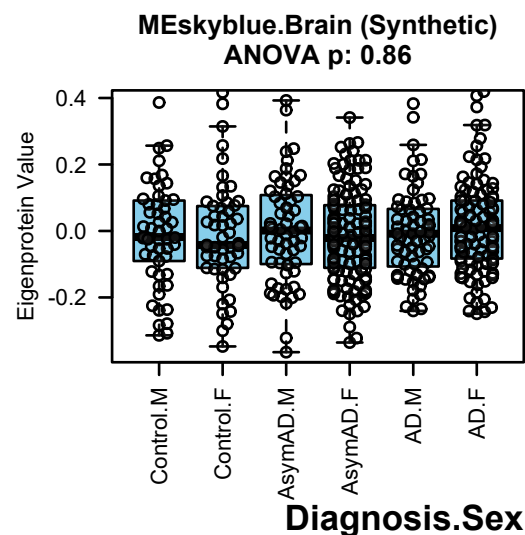
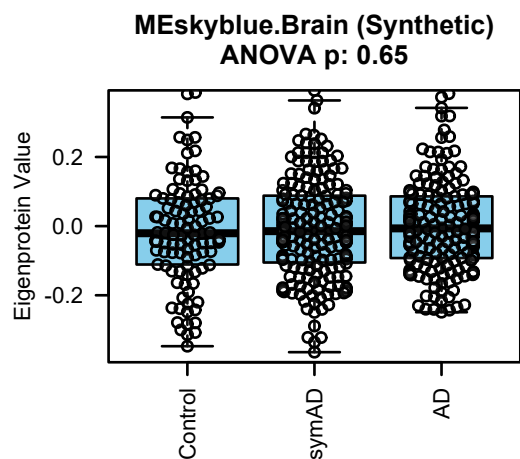
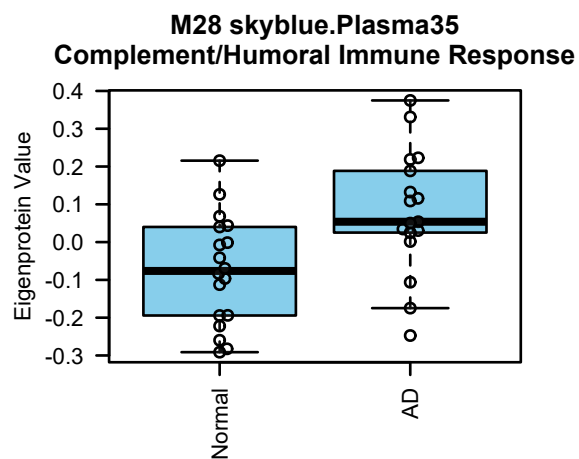
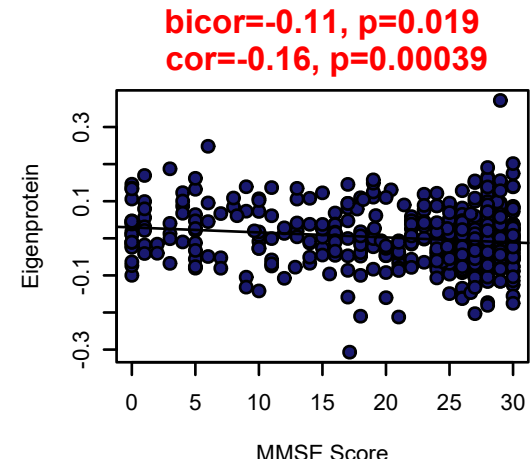
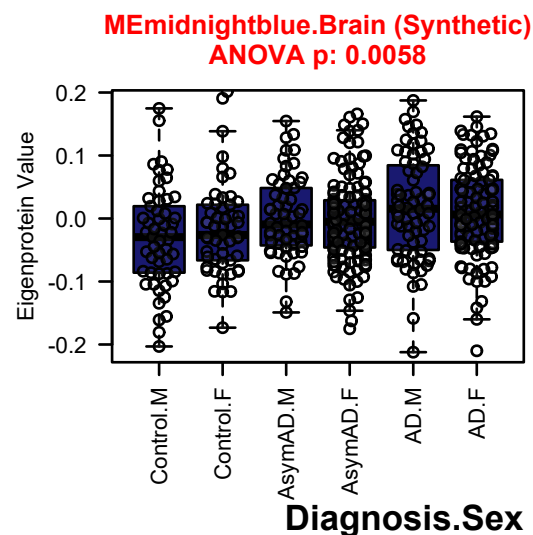
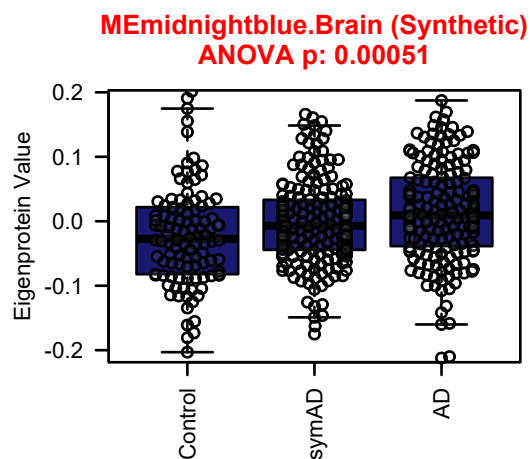
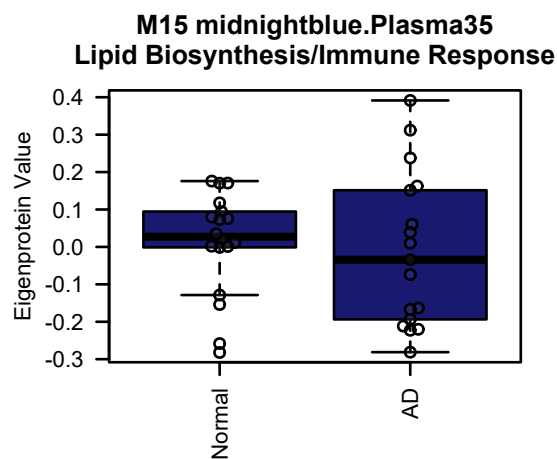
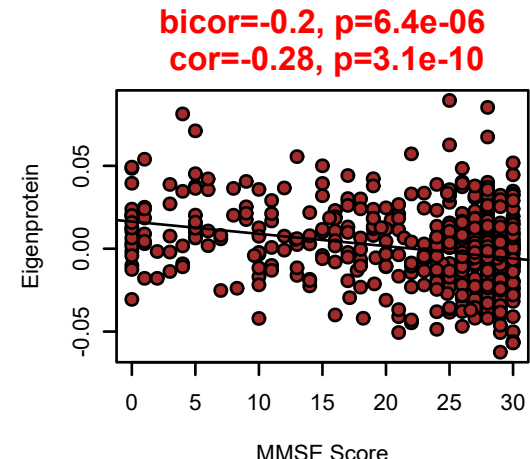
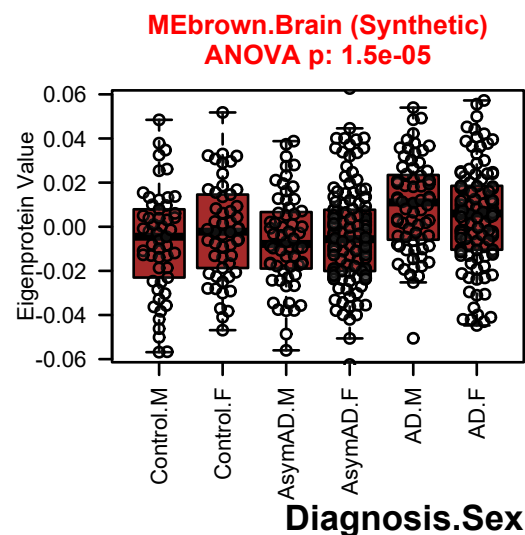
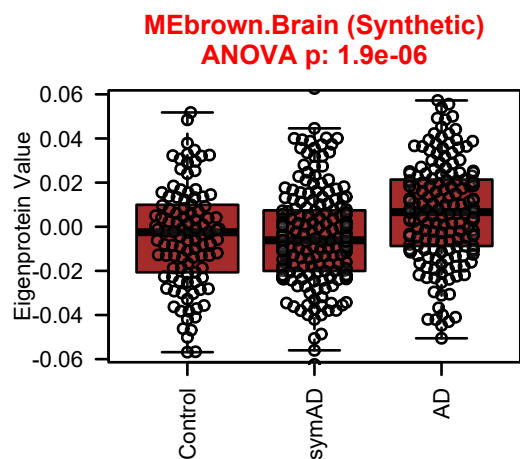
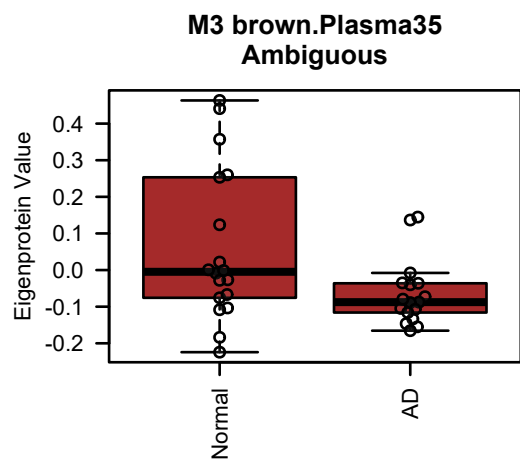
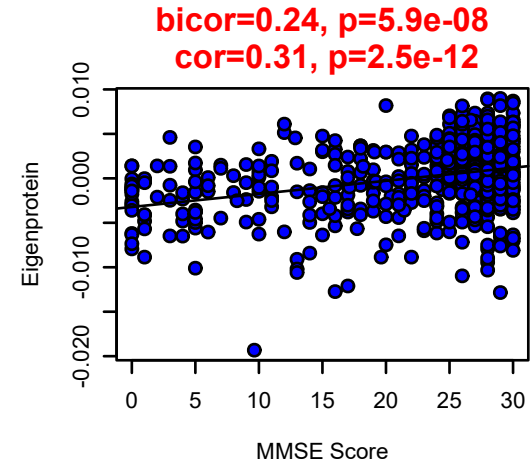
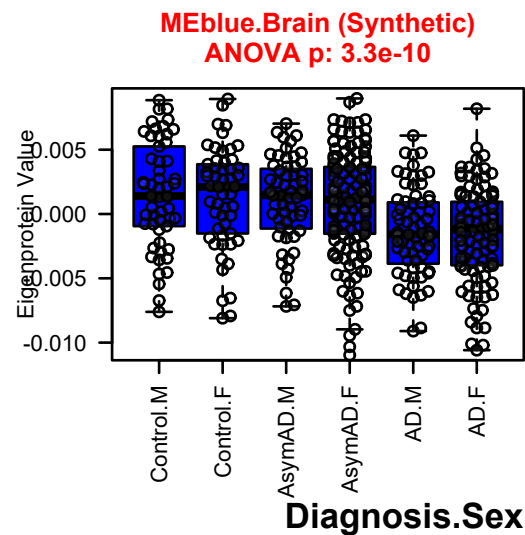
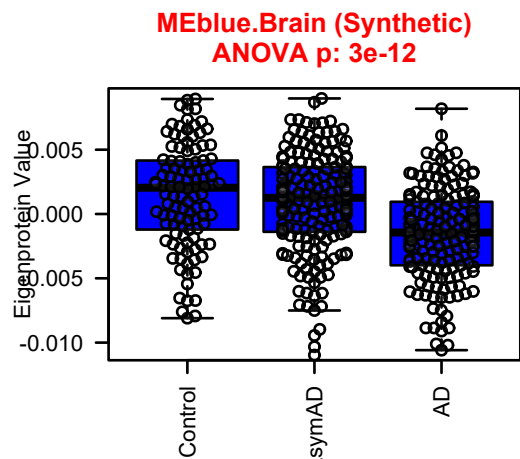
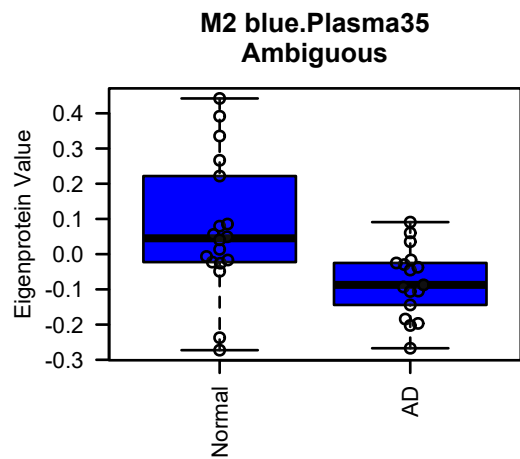
MEturquoise.Brain (Synthetic)
ANOVA p: 3.8e-05



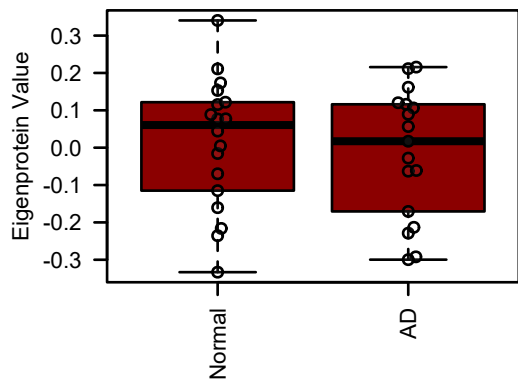
Diagnosis.Sex

bicor=-0.23, p=2.9e-07
cor=-0.25, p=2.2e-08

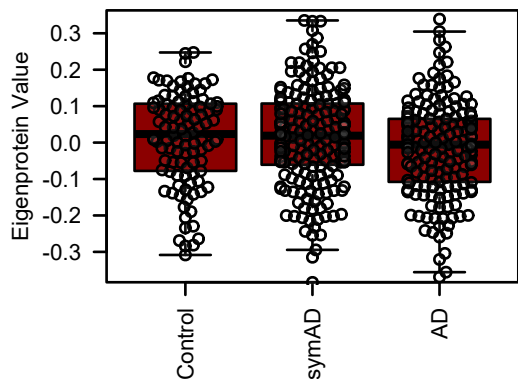




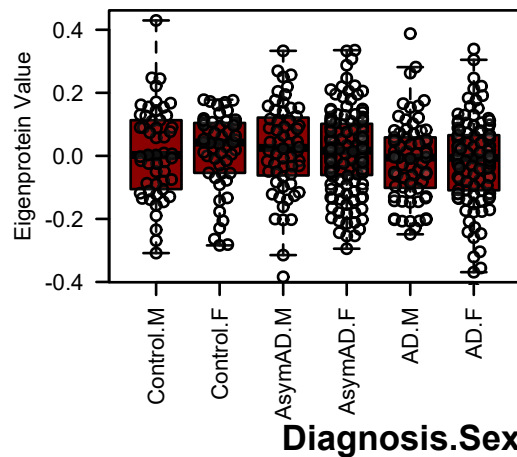
M21 darkred.Plasma35
Metal Ion Homeostasis



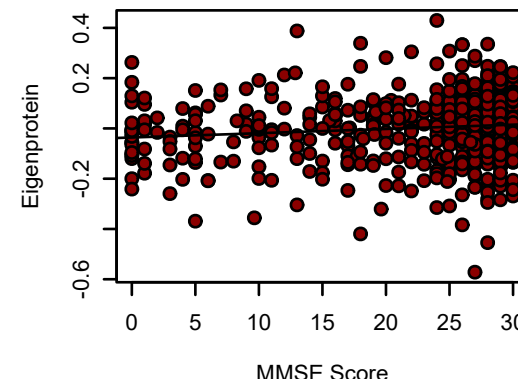
MEdarkred.Brain (Synthetic)
ANOVA p: 0.097



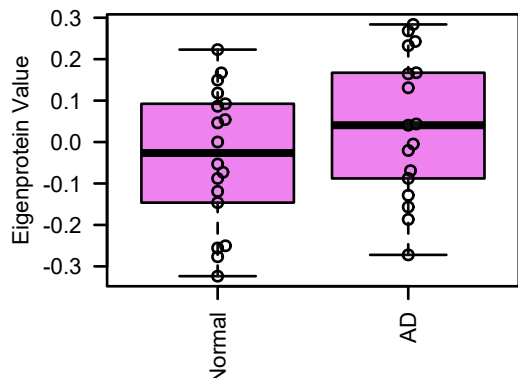
MEdarkred.Brain (Synthetic)
ANOVA p: 0.37



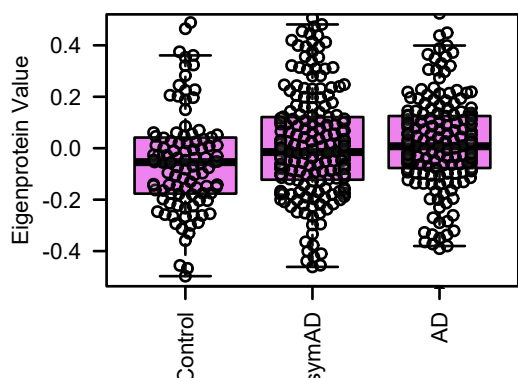
bicor=0.09, p=0.047
cor=0.11, p=0.015



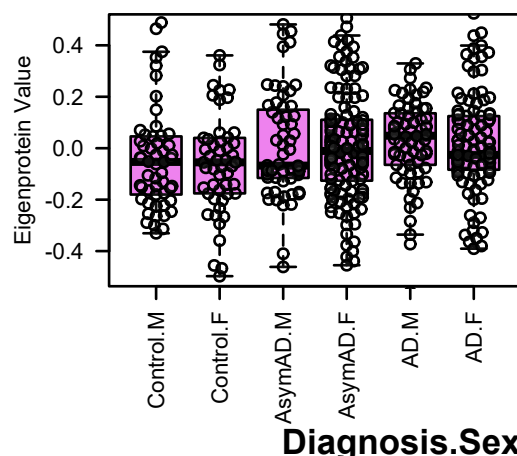
M32 violet.Plasma35
Lipoprotein Metabolism



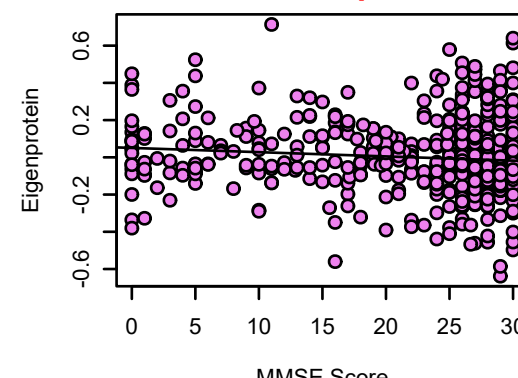
MEviolet.Brain (Synthetic)
ANOVA p: 0.041



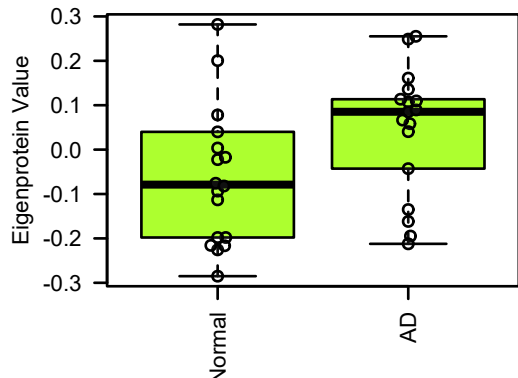
MEviolet.Brain (Synthetic)
ANOVA p: 0.24



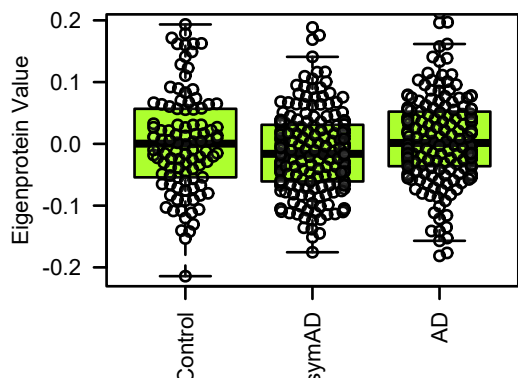
bicor=-0.11, p=0.02
cor=-0.099, p=0.029



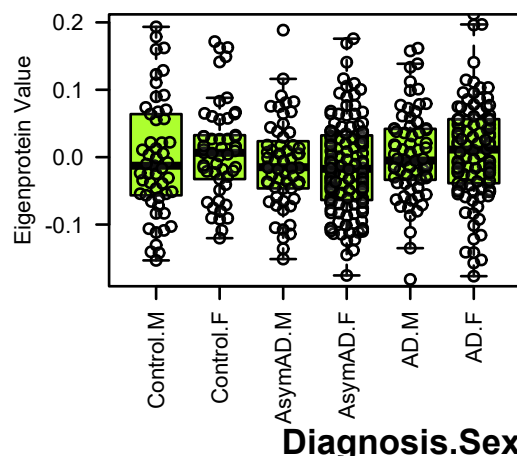
M11 greenyellow.Plasma35
Immunoglobulins/Coagulation Cascade



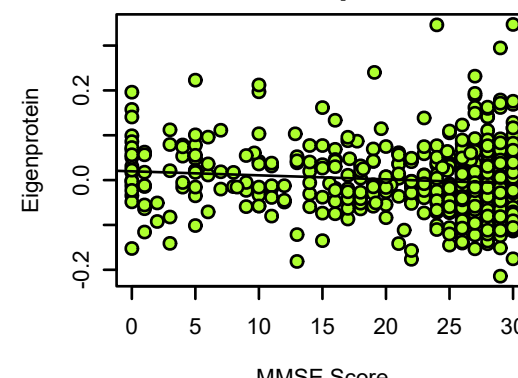
MEgreenyellow.Brain (Synthetic)
ANOVA p: 0.056



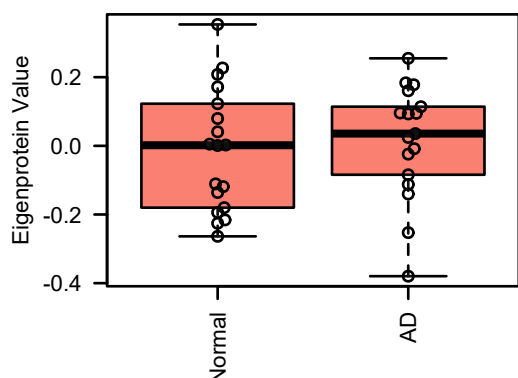
MEgreenyellow.Brain (Synthetic)
ANOVA p: 0.27



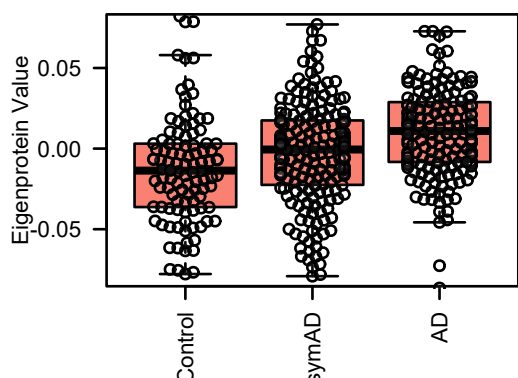
bicor=-0.07, p=0.12
cor=-0.1, p=0.027



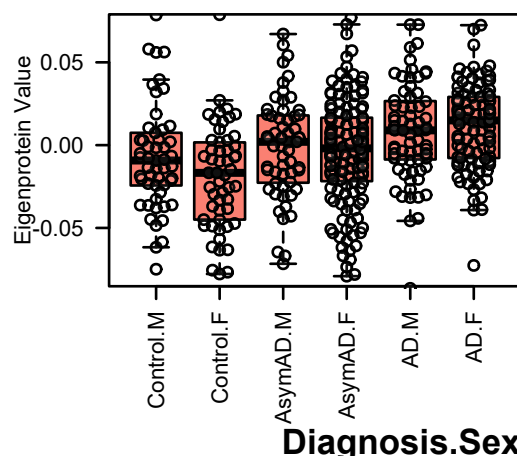
M13 salmon.Plasma35
Ambiguous



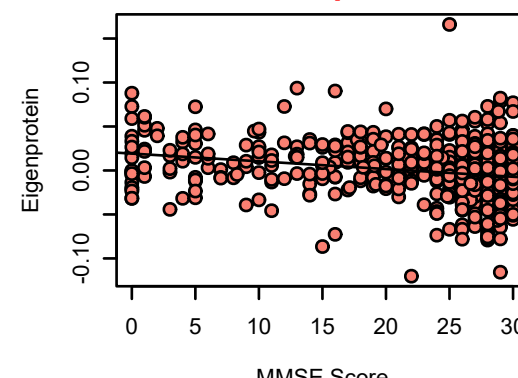
MEsalmon.Brain (Synthetic)
ANOVA p: 1.7e-08



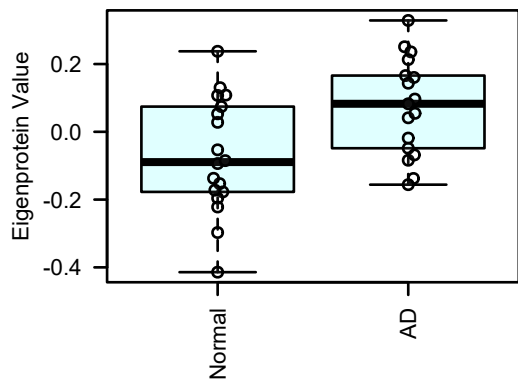
MEsalmon.Brain (Synthetic)
ANOVA p: 1.3e-07



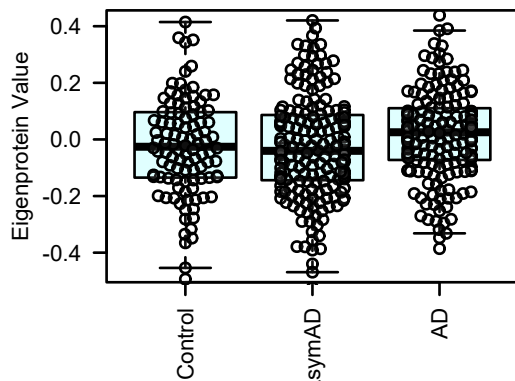
bicor=-0.22, p=1.5e-06
cor=-0.23, p=2.8e-07



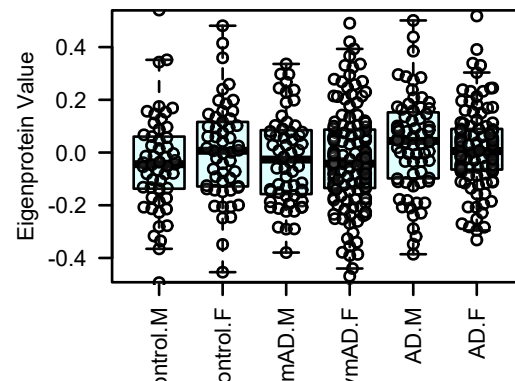
M16 lightcyan.Plasma35
Complement/Protein Activation Cascade



MElightcyan.Brain (Synthetic)
ANOVA p: 0.045

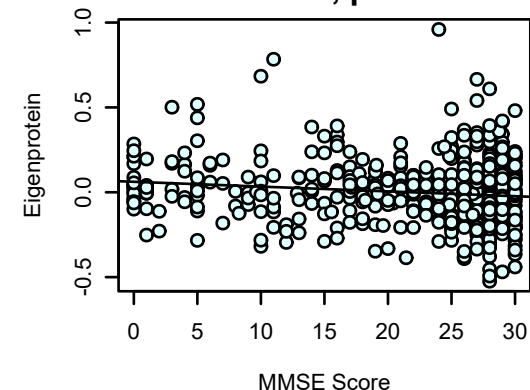


MElightcyan.Brain (Synthetic)
ANOVA p: 0.15

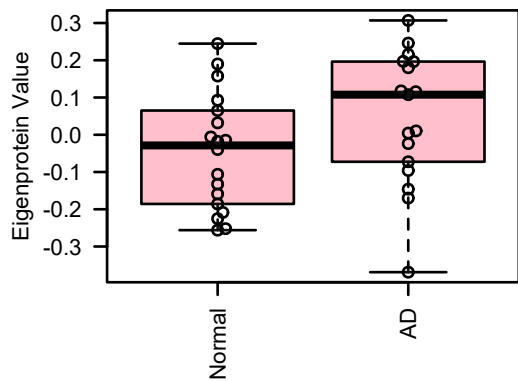


Diagnosis.Sex

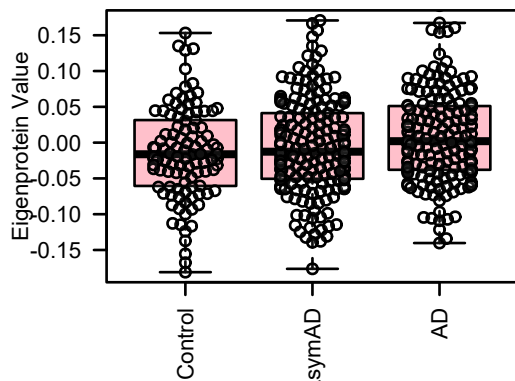
bicor=-0.074, p=0.1
cor=-0.13, p=0.004



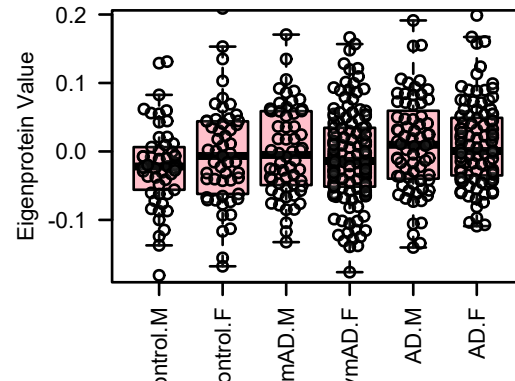
M8 pink.Plasma35
Protein Activation Cascade



MEpink.Brain (Synthetic)
ANOVA p: 0.019

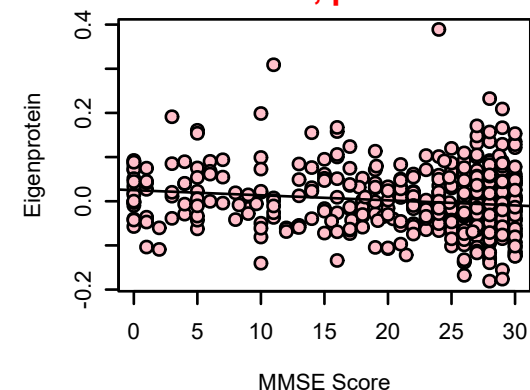


MEpink.Brain (Synthetic)
ANOVA p: 0.091

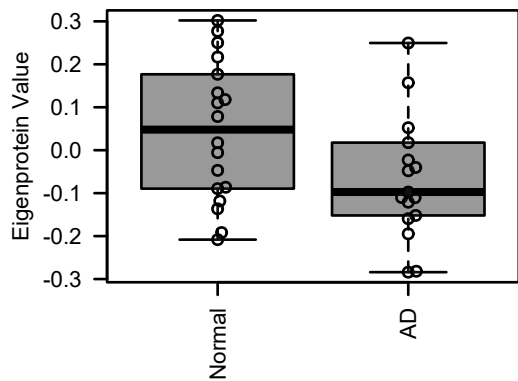


Diagnosis.Sex

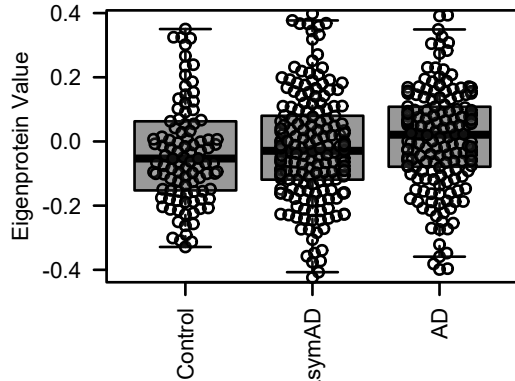
bicor=-0.1, p=0.025
cor=-0.15, p=0.00089



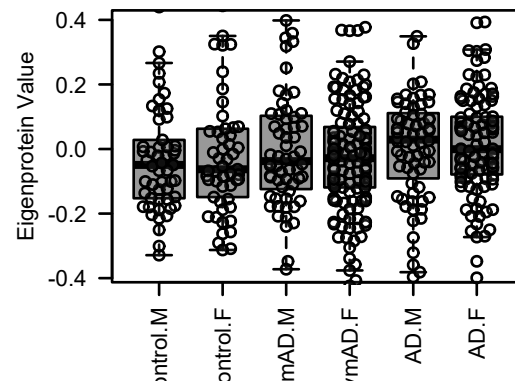
M17 grey60.Plasma35
Glycosylation



MEgrey60.Brain (Synthetic)
ANOVA p: 0.26

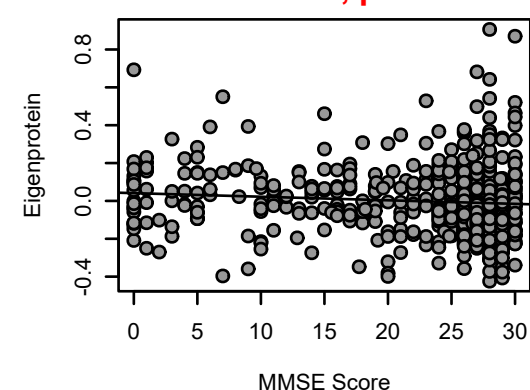


MEgrey60.Brain (Synthetic)
ANOVA p: 0.61

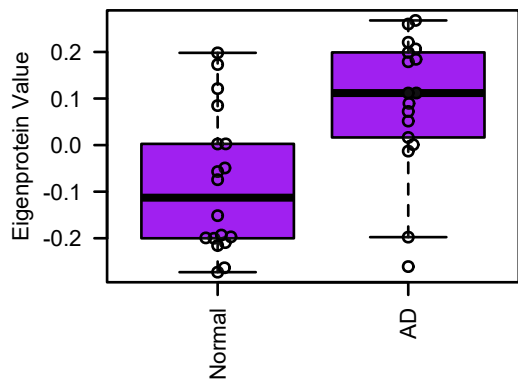


Diagnosis.Sex

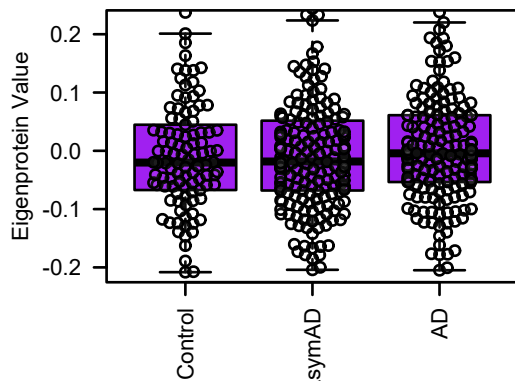
bicor=-0.11, p=0.017
cor=-0.089, p=0.049



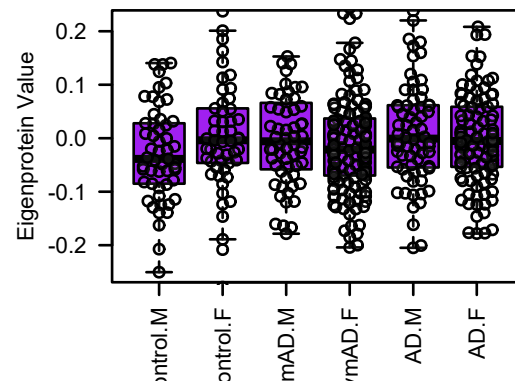
M10 purple.Plasma35
Ambiguous



MEpurple.Brain (Synthetic)
ANOVA p: 0.39

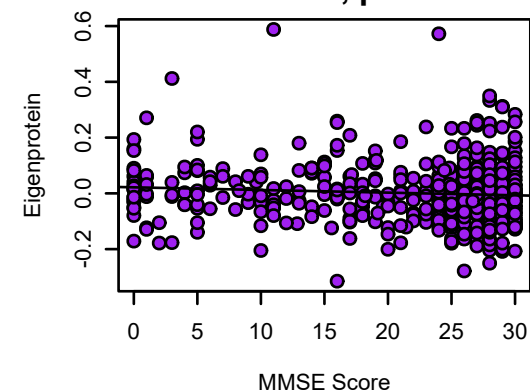


MEpurple.Brain (Synthetic)
ANOVA p: 0.3

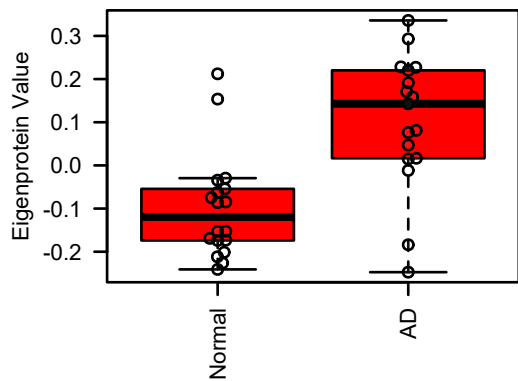


Diagnosis.Sex

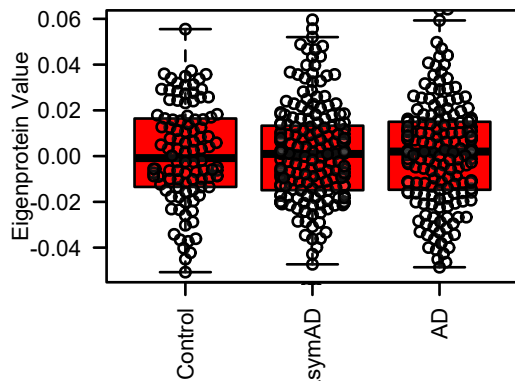
bicor=-0.063, p=0.16
cor=-0.078, p=0.085



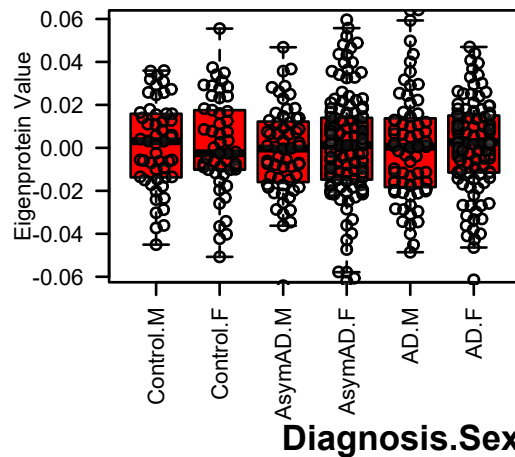
M6 red.Plasma35
Axon Guidance/Nervous System Dev



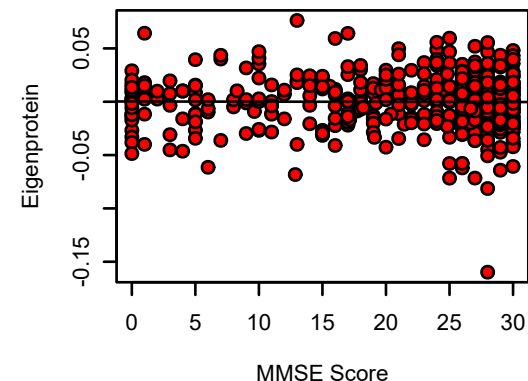
MEred.Brain (Synthetic)
ANOVA p: 0.79



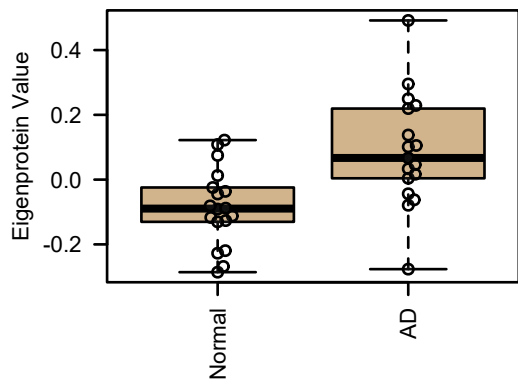
MEred.Brain (Synthetic)
ANOVA p: 0.98



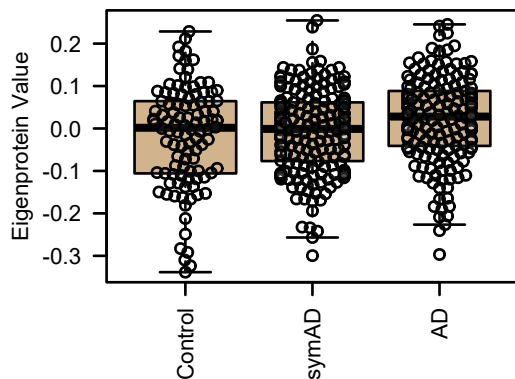
bicor=-0.049, p=0.28
cor=-0.0061, p=0.89



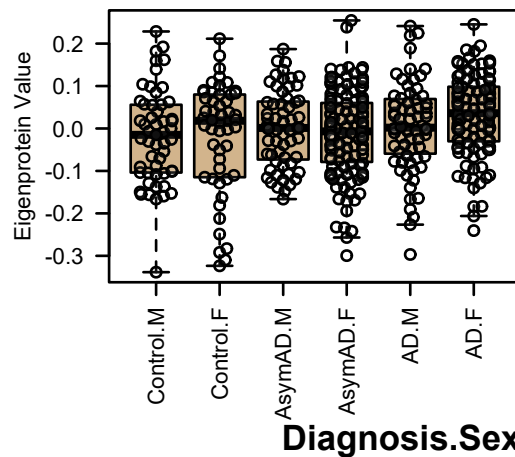
M12 tan.Plasma35
Matrisome



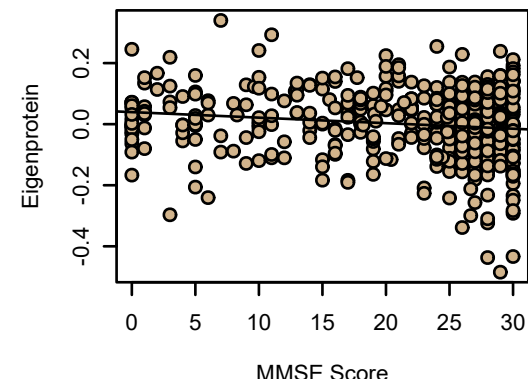
MEtan.Brain (Synthetic)
ANOVA p: 0.00064



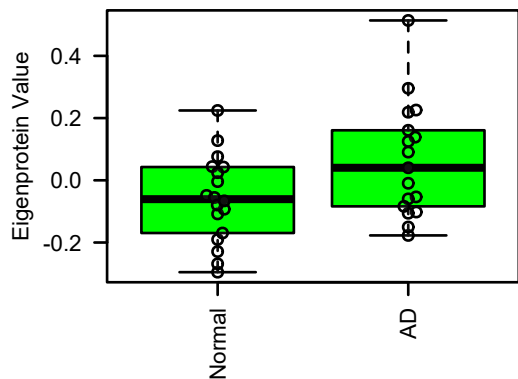
MEtan.Brain (Synthetic)
ANOVA p: 0.0042



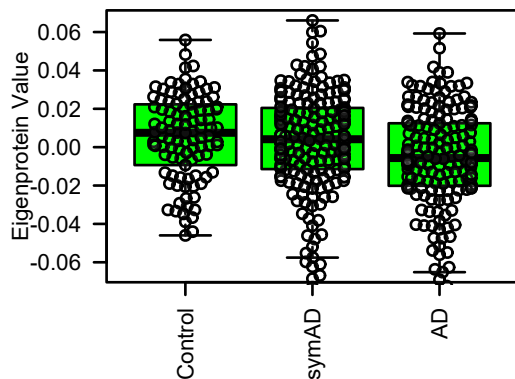
bicor=-0.14, p=0.0025
cor=-0.14, p=0.0019



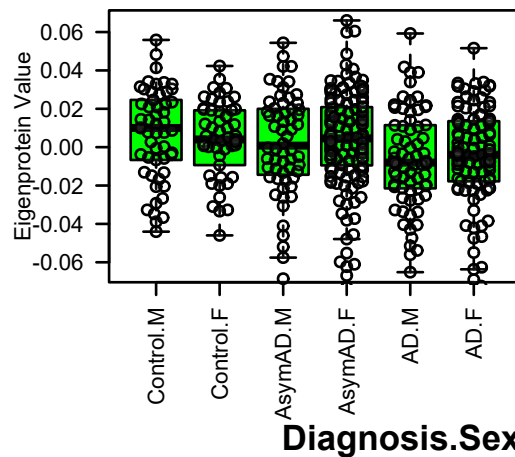
M5 green.Plasma35
ECM/IGF-PDGF Binding



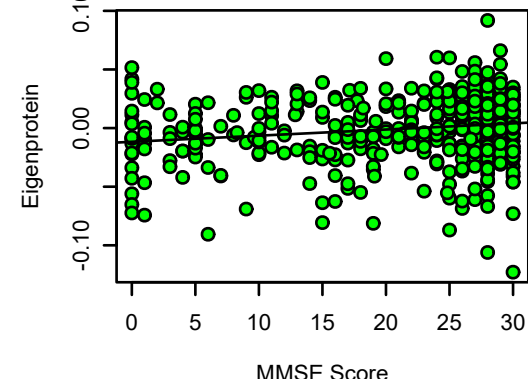
MEgreen.Brain (Synthetic)
ANOVA p: 0.00092



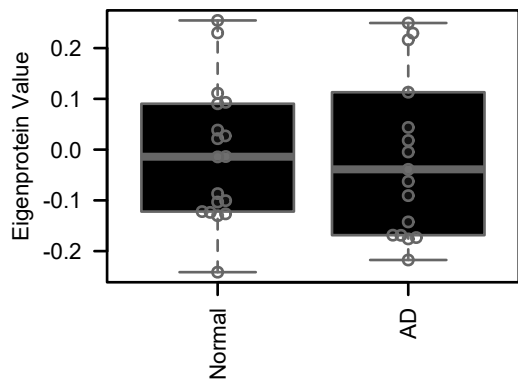
MEgreen.Brain (Synthetic)
ANOVA p: 0.0075



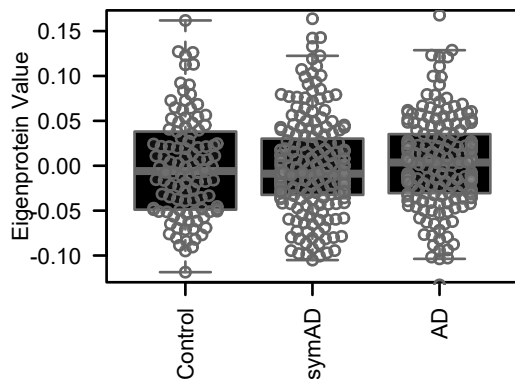
bicor=0.14, p=0.002
cor=0.17, p=0.00016



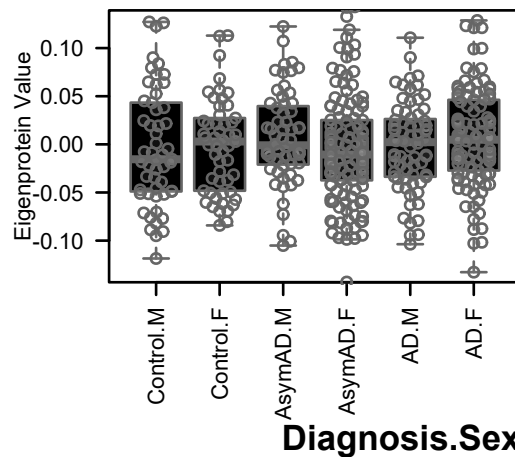
M7 black.Plasma35
TNF/Ephrin Signaling



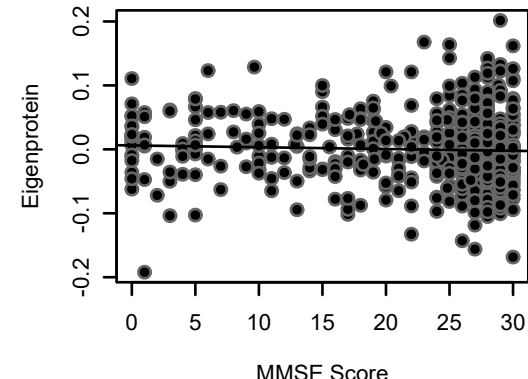
MEblack.Brain (Synthetic)
ANOVA p: 0.72



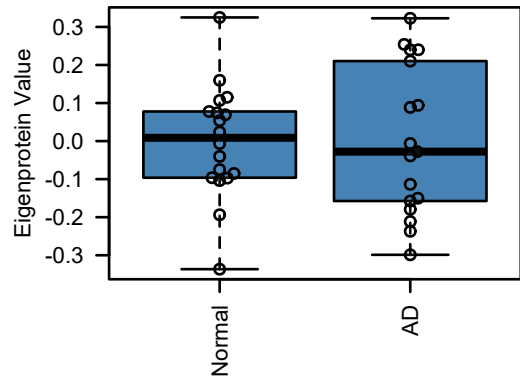
MEblack.Brain (Synthetic)
ANOVA p: 0.73



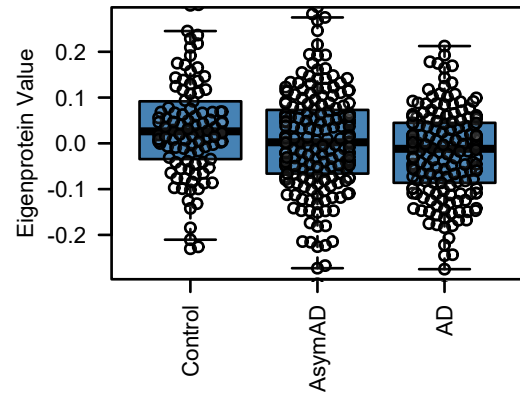
bicor=-0.046, p=0.31
cor=-0.045, p=0.32



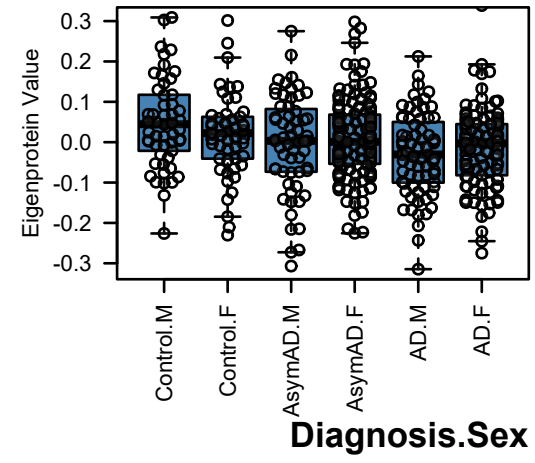
M30 steelblue.Plasma35
Ambiguous



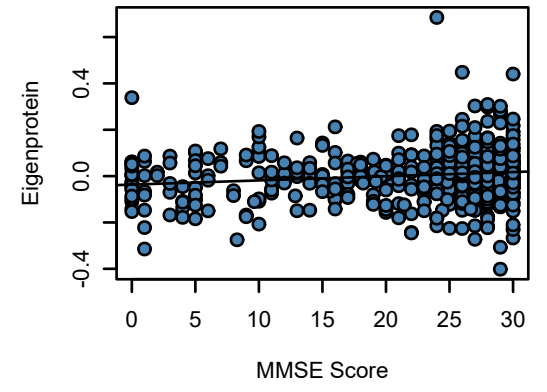
MEsteelblue.Brain (Synthetic)
ANOVA p: 9.2e-05



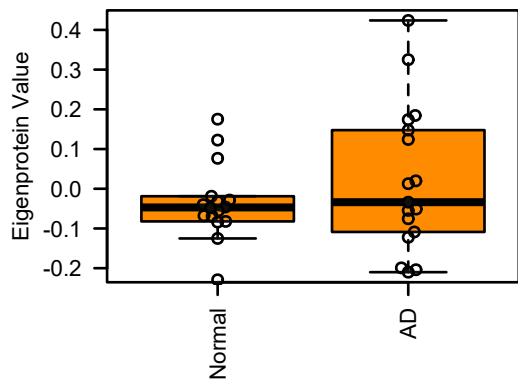
MEsteelblue.Brain (Synthetic)
ANOVA p: 0.00056



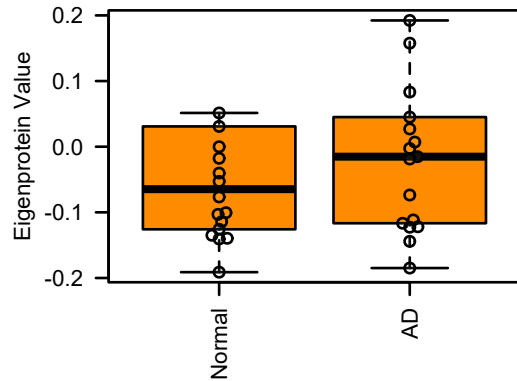
bicor=0.096, p=0.034
cor=0.14, p=0.0019



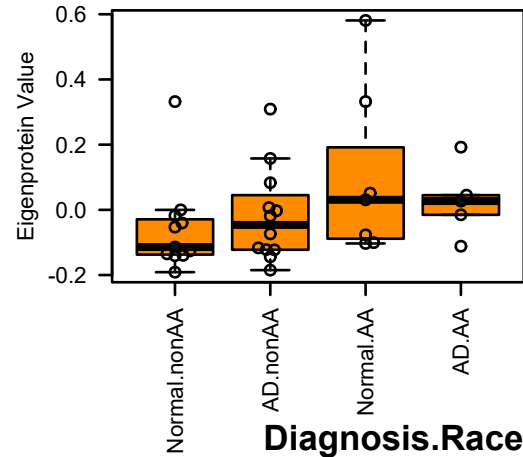
M26 darkorange.Plasma35
Bicarbonate Transport/Peroxidase



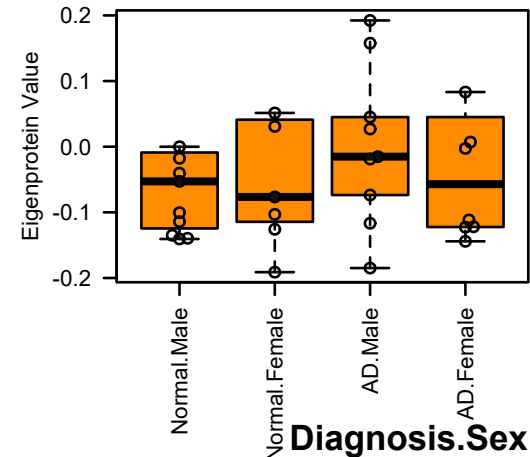
MEdarkorange.CSF 35 Samp. (Synthetic)
ANOVA p: 0.86



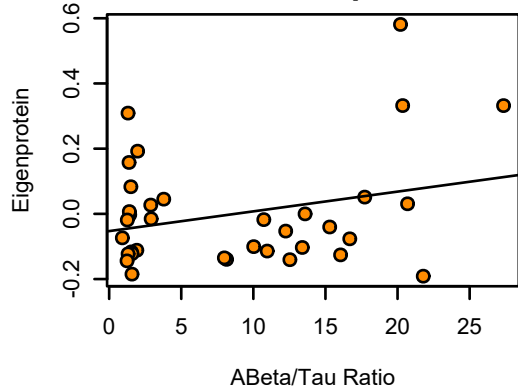
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.27



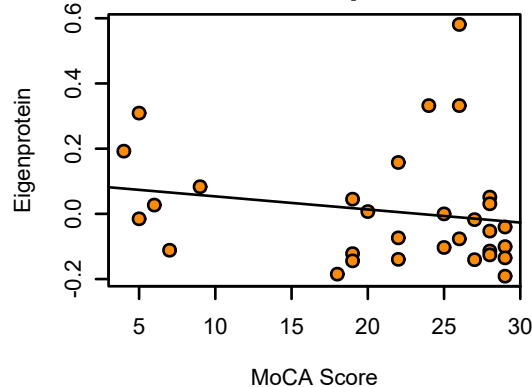
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.98



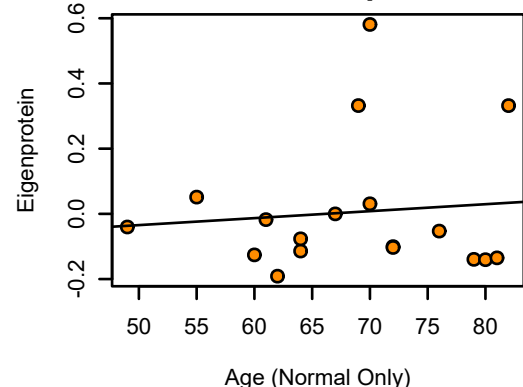
bicor=0.078, p=0.66
cor=0.28, p=0.1



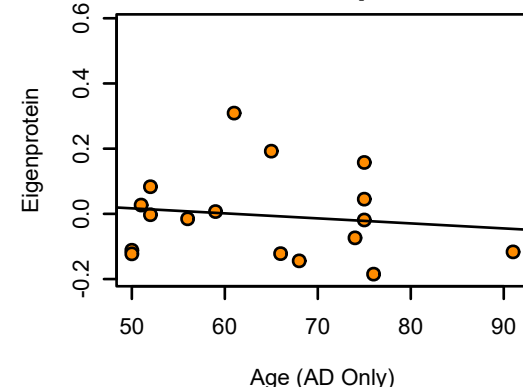
bicor=-0.21, p=0.26
cor=-0.19, p=0.31



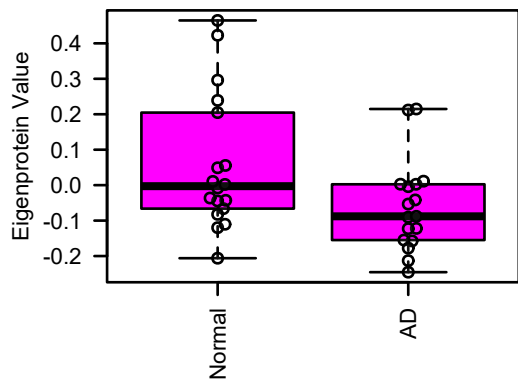
bicor=-0.13, p=0.61
cor=0.096, p=0.7



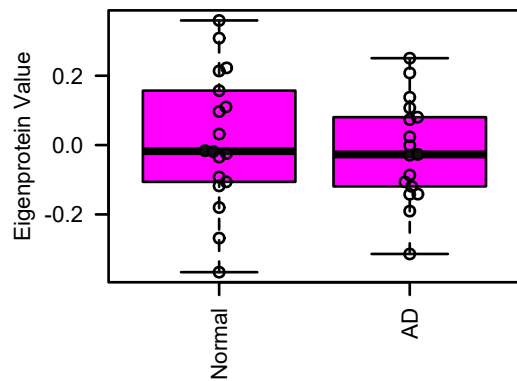
bicor=-0.14, p=0.59
cor=-0.14, p=0.59



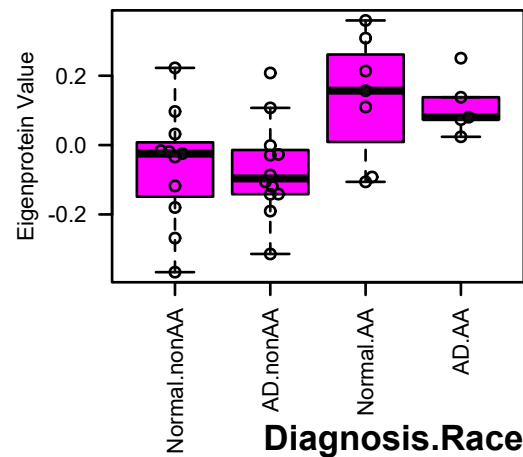
M9 magenta.Plasma35
Leukocyte Chemotaxis



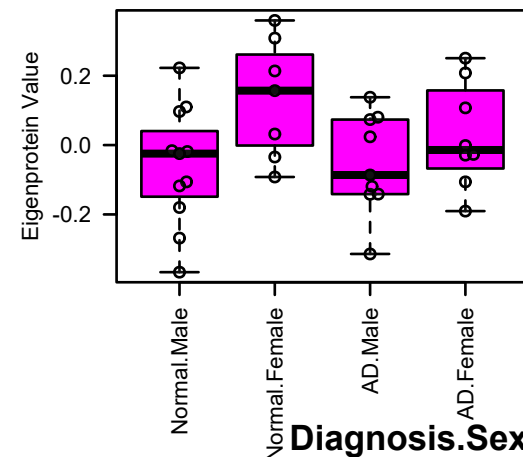
MEmagenta.CSF 35 Samp. (Synthetic)
ANOVA p: 0.59



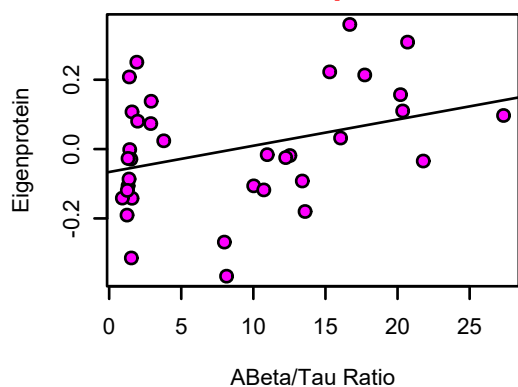
MEmagenta.CSF (Synthetic)
ANOVA p: 0.012



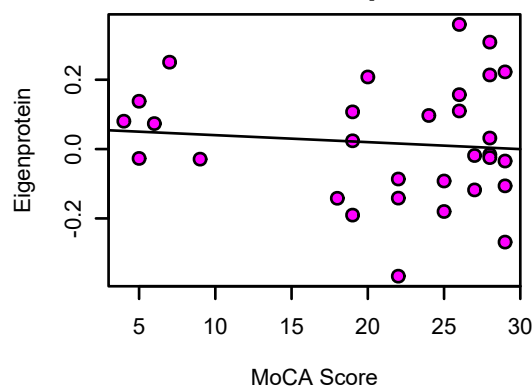
MEmagenta.CSF (Synthetic)
ANOVA p: 0.071



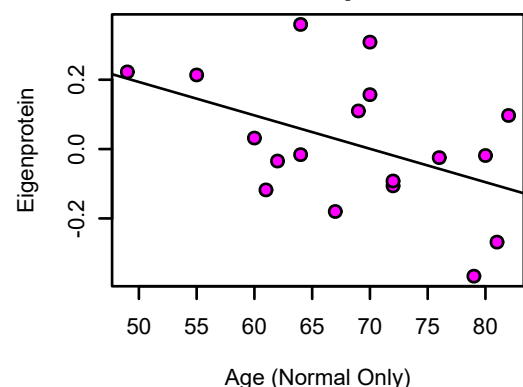
bicor=0.35, p=0.042
cor=0.35, p=0.039



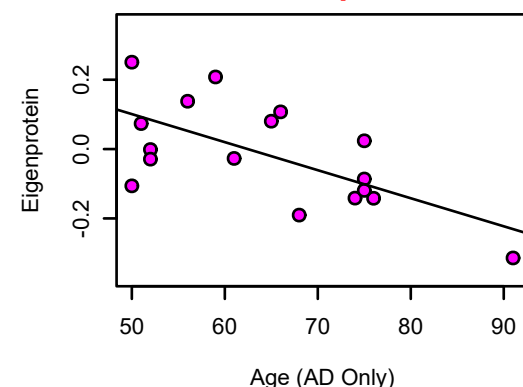
bicor=0.0016, p=0.99
cor=-0.099, p=0.6



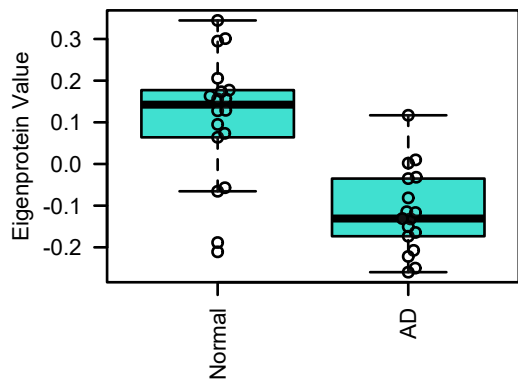
bicor=-0.46, p=0.056
cor=-0.46, p=0.055



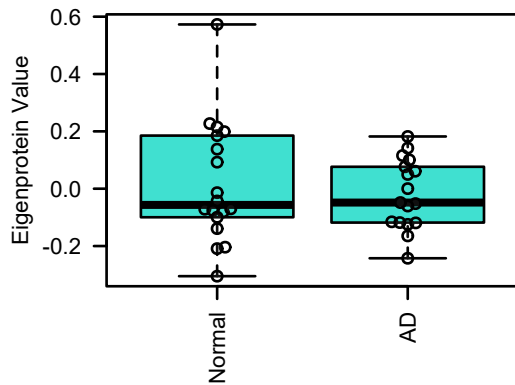
bicor=-0.63, p=0.0063
cor=-0.65, p=0.0047



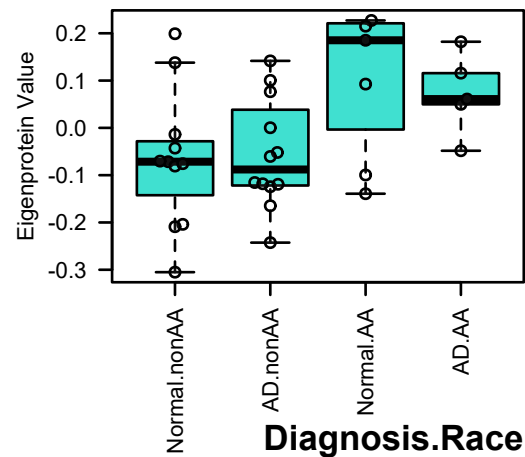
M1 turquoise.Plasma35
Cellular Metabolism/Intracellular Transpor



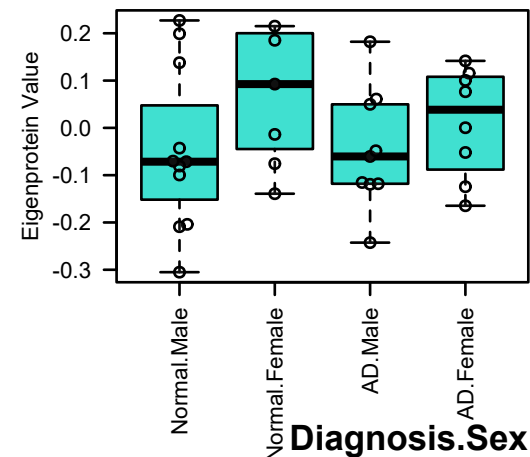
MEturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.54



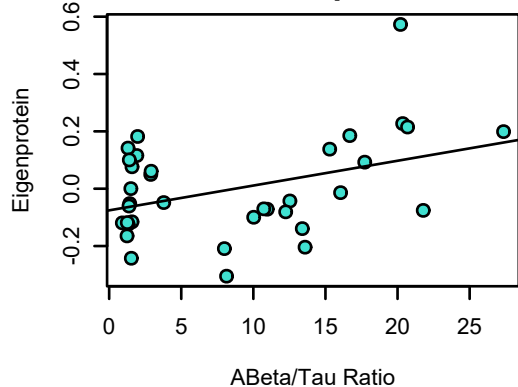
MEturquoise.CSF (Synthetic)
ANOVA p: 0.019



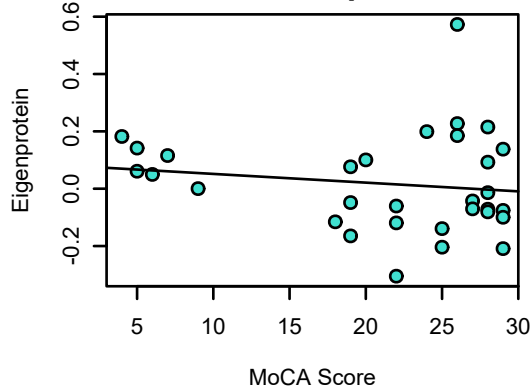
MEturquoise.CSF (Synthetic)
ANOVA p: 0.18



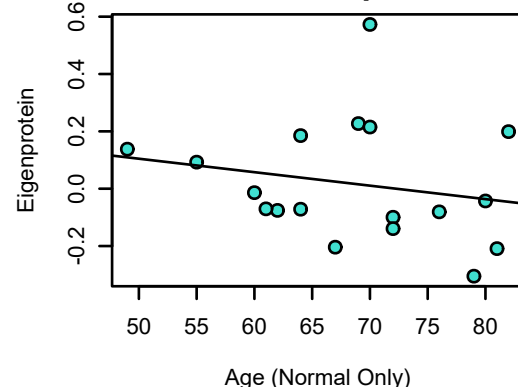
bicor=0.33, p=0.051
cor=0.39, p=0.021



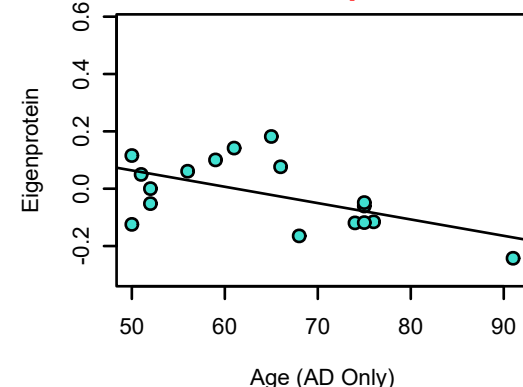
bicor=-0.05, p=0.79
cor=-0.15, p=0.42



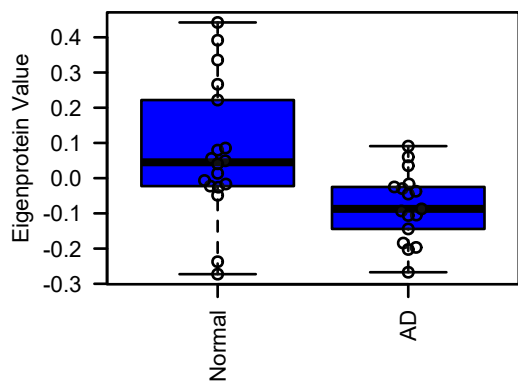
bicor=-0.27, p=0.27
cor=-0.21, p=0.4



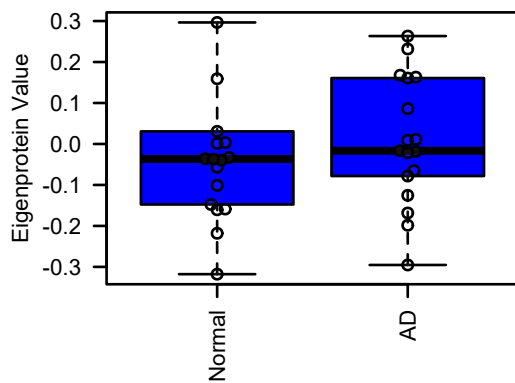
bicor=-0.56, p=0.019
cor=-0.56, p=0.019



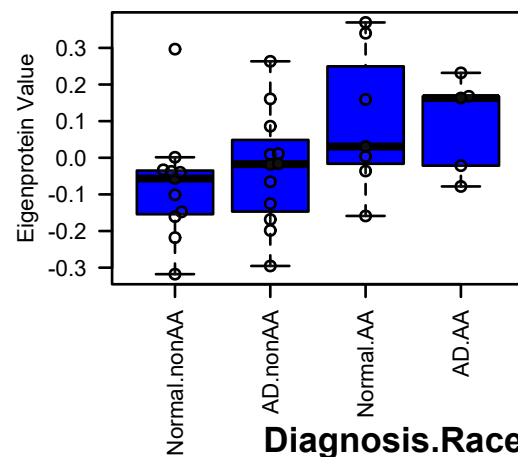
M2 blue.Plasma35
Ambiguous



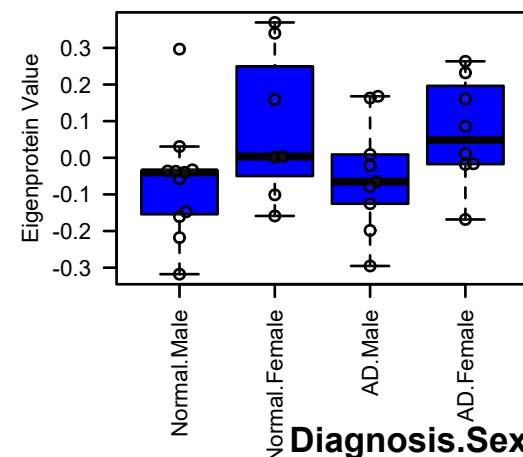
MEblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.84



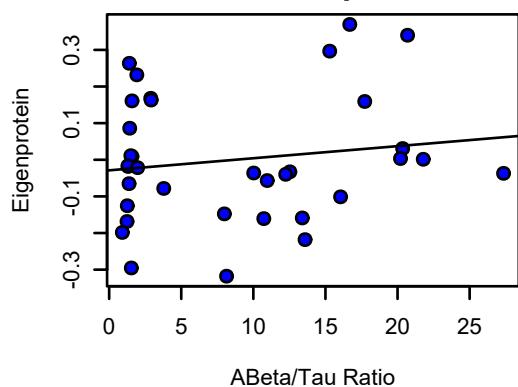
MEblue.CSF (Synthetic)
ANOVA p: 0.092



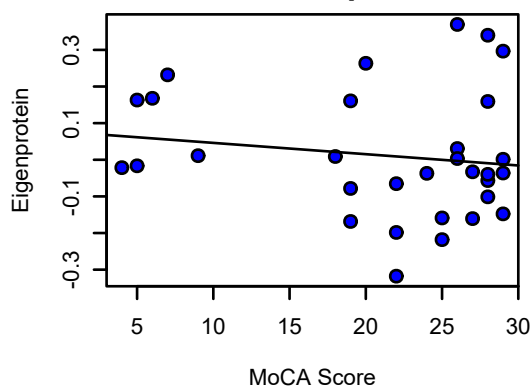
MEblue.CSF (Synthetic)
ANOVA p: 0.14



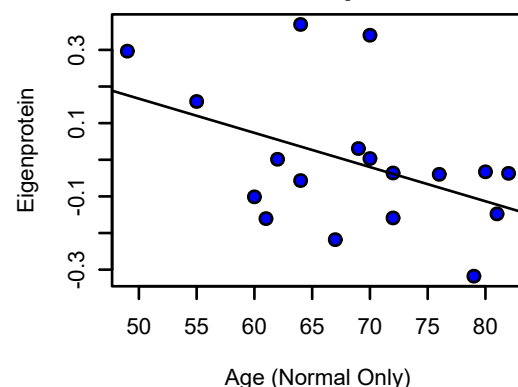
bicor=0.13, p=0.46
cor=0.15, p=0.39



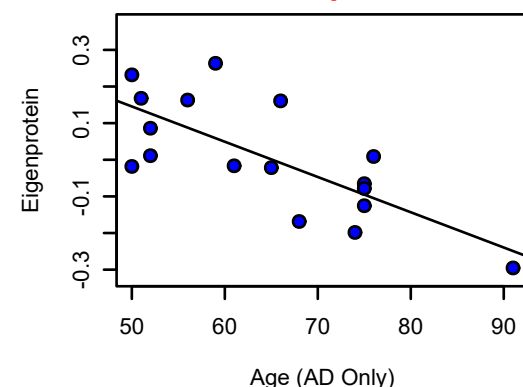
bicor=-0.072, p=0.7
cor=-0.15, p=0.42



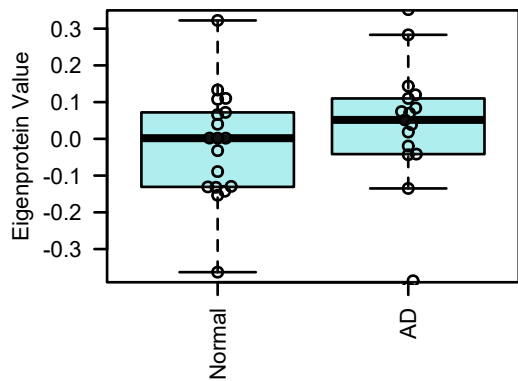
bicor=-0.45, p=0.058
cor=-0.46, p=0.055



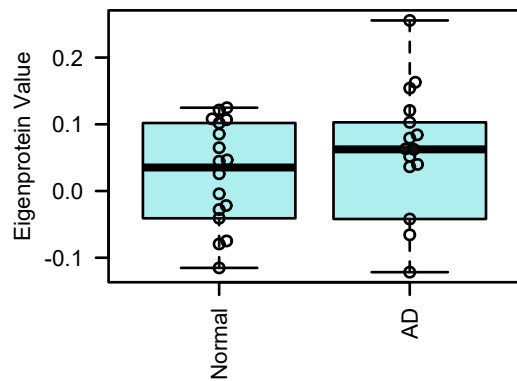
bicor=-0.73, p=0.00079
cor=-0.74, p=0.00068



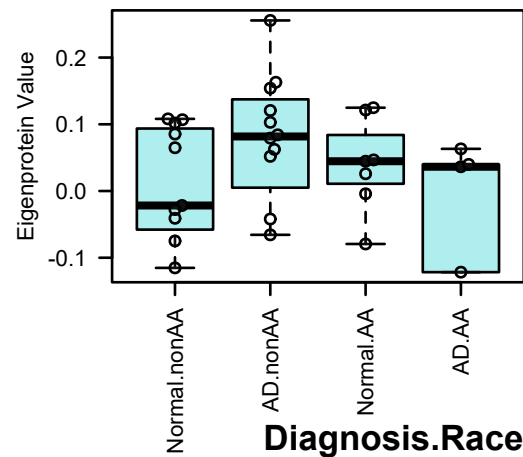
M31 paleturquoise.Plasma35
Adhesion/ECM



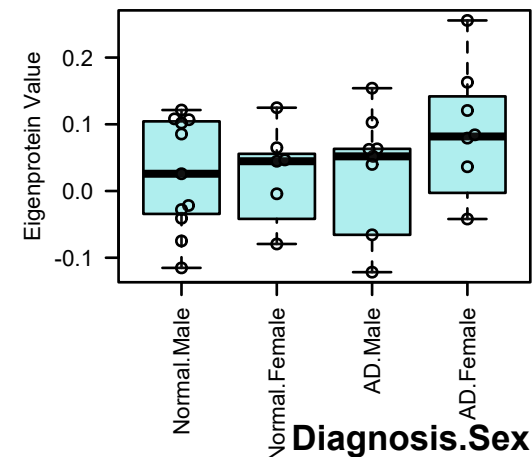
MEpaleturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.93



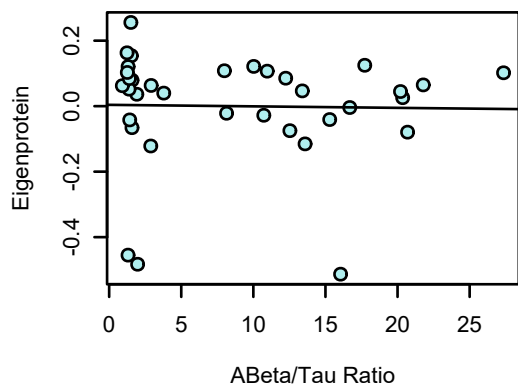
MEpaleturquoise.CSF (Synthetic)
ANOVA p: 0.42



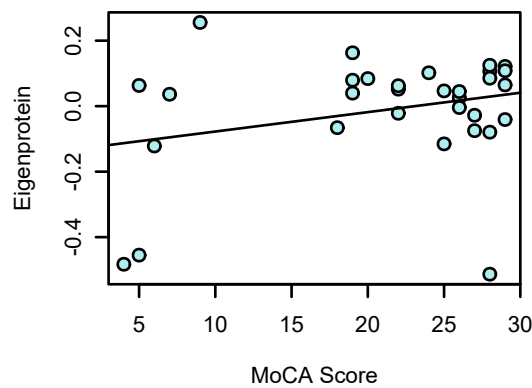
MEpaleturquoise.CSF (Synthetic)
ANOVA p: 0.79



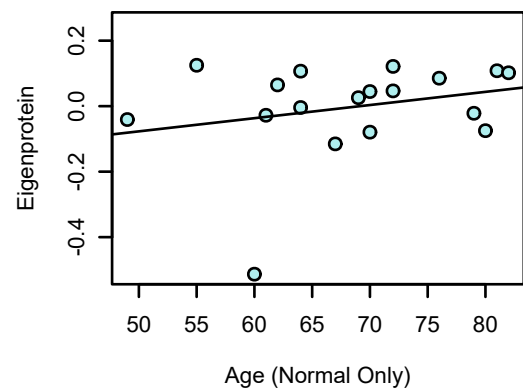
bicor=-0.18, p=0.31
cor=-0.021, p=0.9



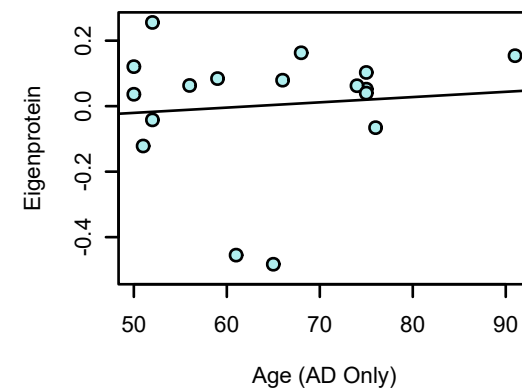
bicor=-0.056, p=0.76
cor=0.28, p=0.13



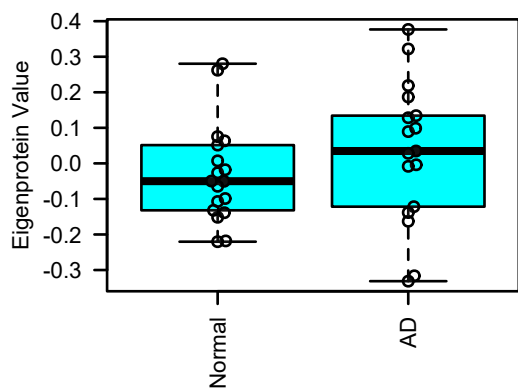
bicor=0.13, p=0.62
cor=0.25, p=0.32



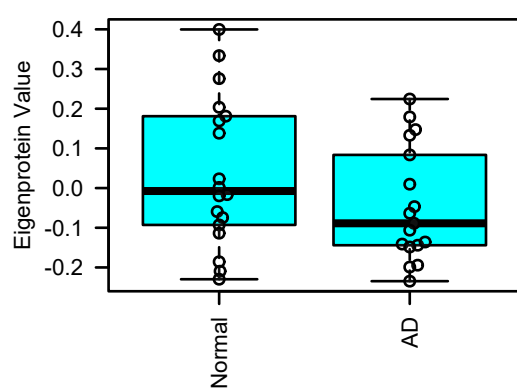
bicor=0.13, p=0.61
cor=0.097, p=0.71



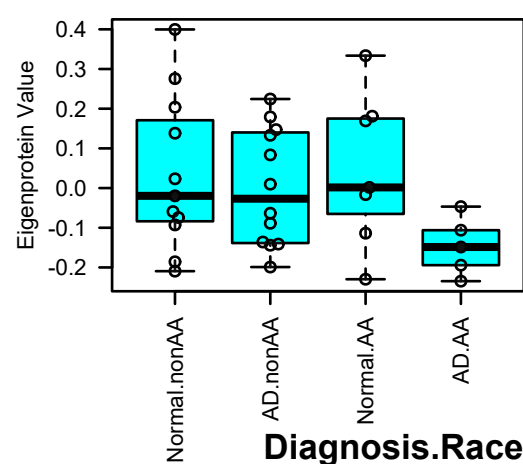
M14 cyan.Plasma35
Innate Immune Response



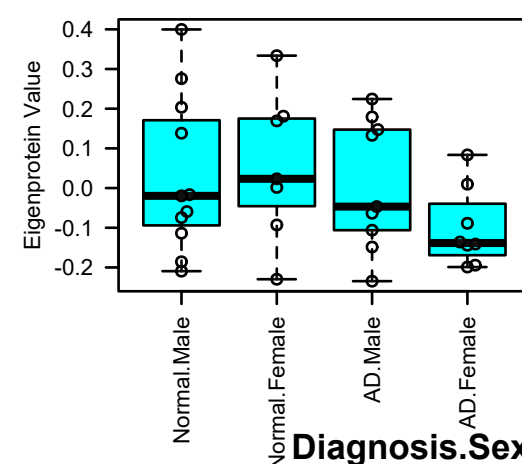
MEcyan.CSF 35 Samp. (Synthetic)
ANOVA p: 0.16



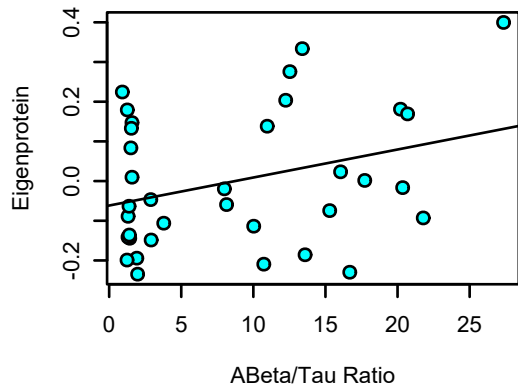
MEcyan.CSF (Synthetic)
ANOVA p: 0.2



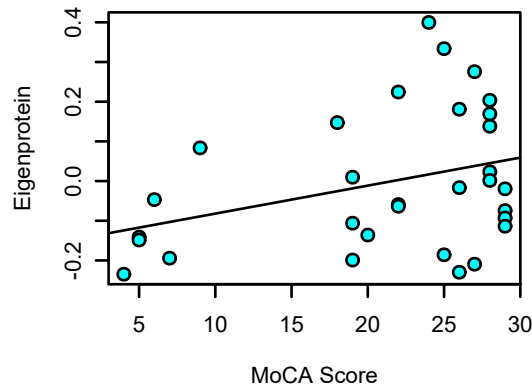
MEcyan.CSF (Synthetic)
ANOVA p: 0.28



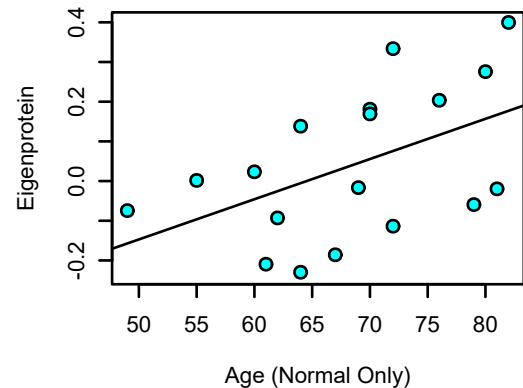
bicor=0.29, p=0.091
cor=0.32, p=0.061



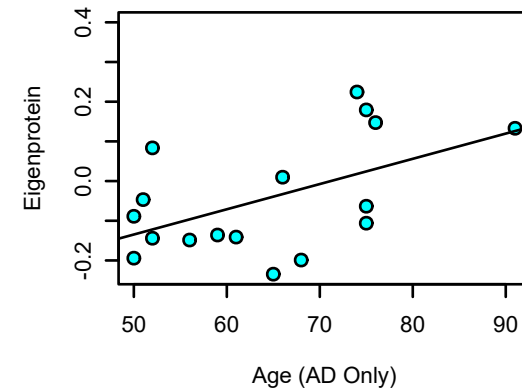
bicor=0.14, p=0.46
cor=0.34, p=0.061



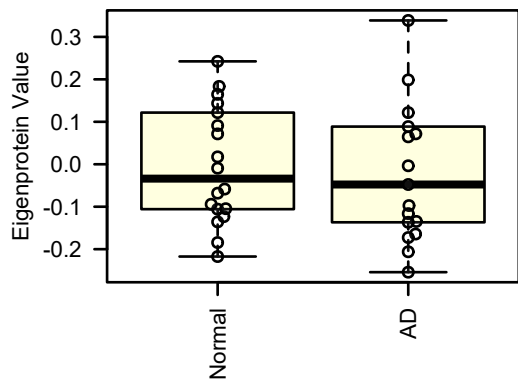
bicor=0.46, p=0.055
cor=0.5, p=0.035



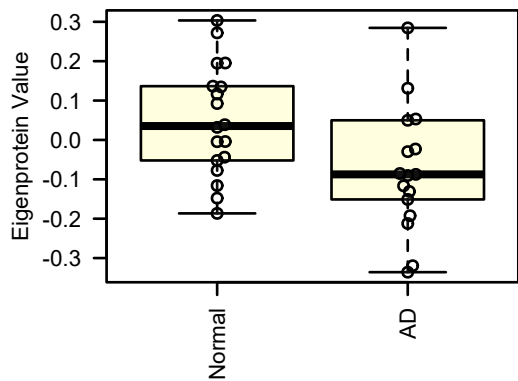
bicor=0.48, p=0.053
cor=0.53, p=0.029



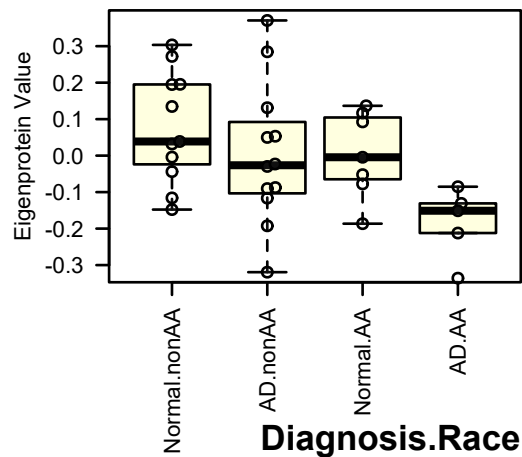
M19 lightyellow.Plasma35
Leukocyte Activation



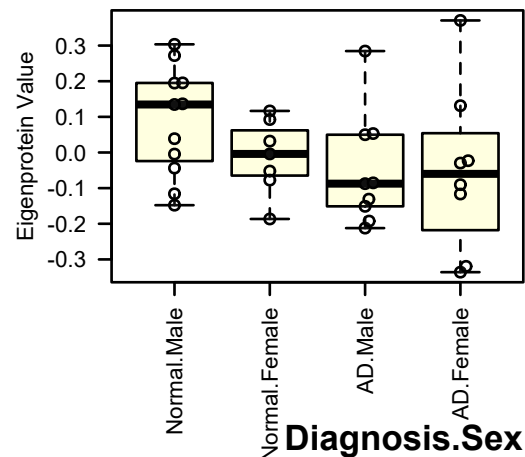
MElightyellow.CSF 35 Samp. (Synthetic)
ANOVA p: 0.081



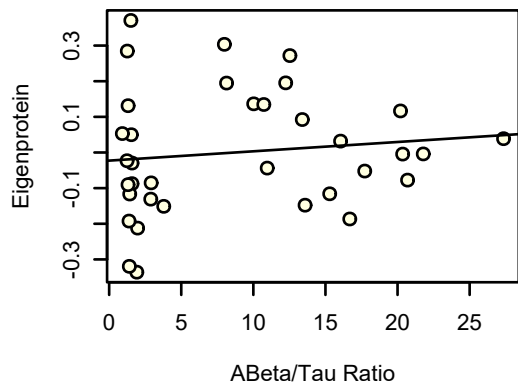
MElightyellow.CSF (Synthetic)
ANOVA p: 0.038



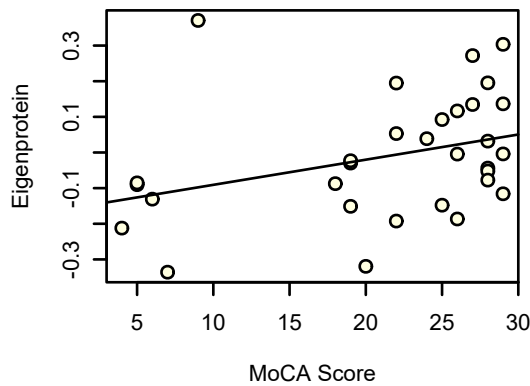
MElightyellow.CSF (Synthetic)
ANOVA p: 0.22



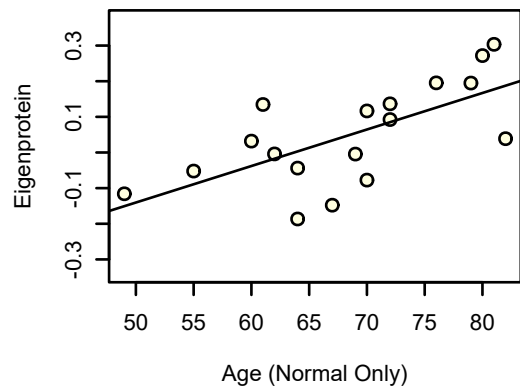
bicor=0.15, p=0.38
cor=0.12, p=0.49



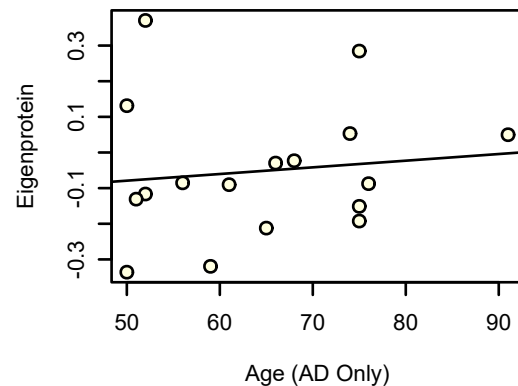
bicor=0.32, p=0.081
cor=0.34, p=0.061



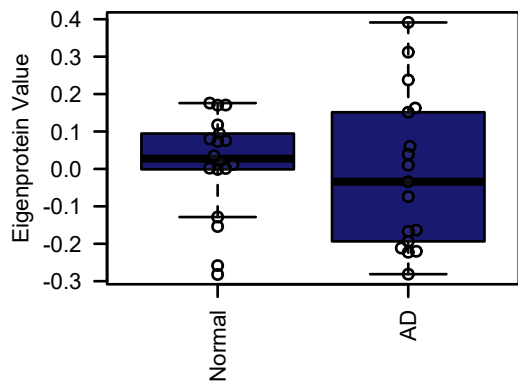
bicor=0.66, p=0.0029
cor=0.67, p=0.0023



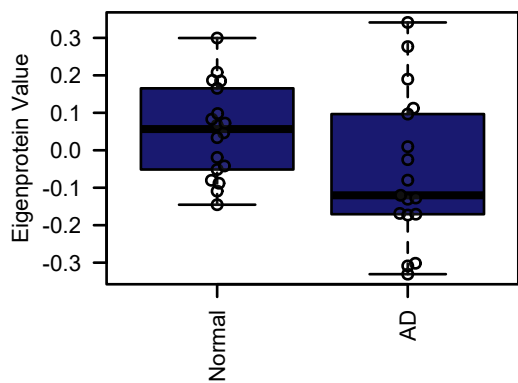
bicor=0.17, p=0.52
cor=0.12, p=0.65



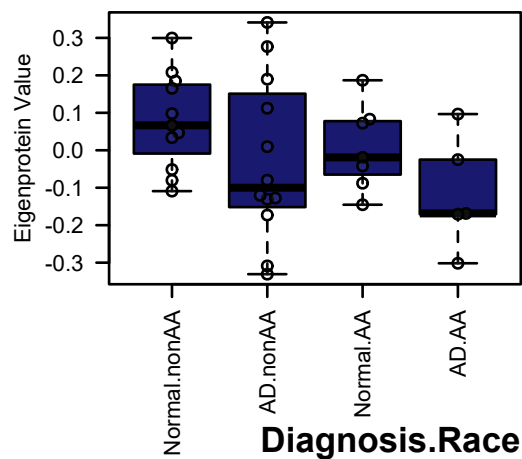
M15 midnightblue.Plasma35
Lipid Biosynthesis/Immune Response



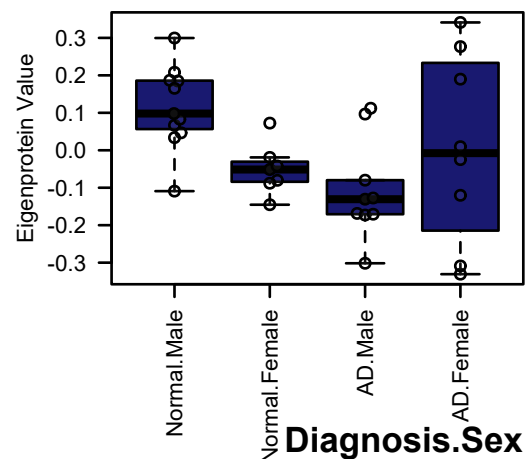
MEmidnightblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.072



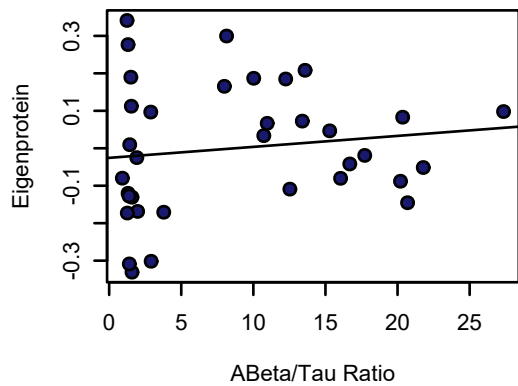
MEmidnightblue.CSF (Synthetic)
ANOVA p: 0.18



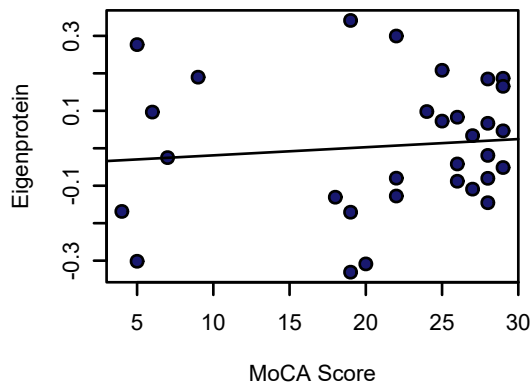
MEmidnightblue.CSF (Synthetic)
ANOVA p: 0.023



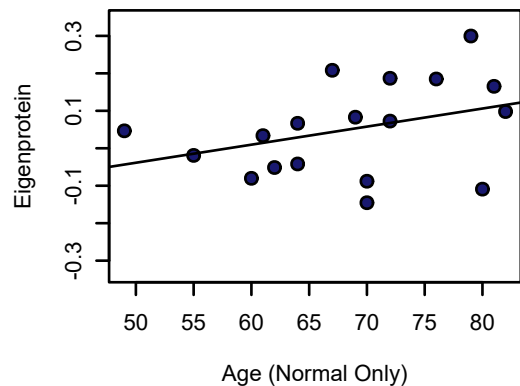
bicor=0.16, p=0.36
cor=0.13, p=0.46



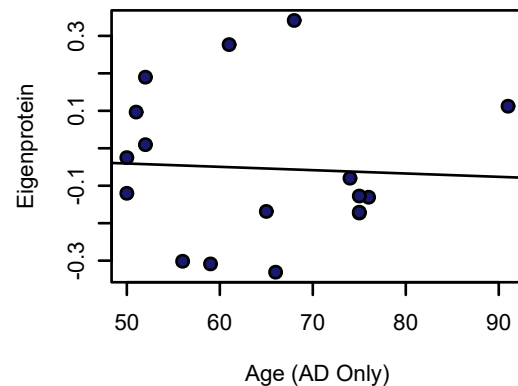
bicor=0.14, p=0.46
cor=0.1, p=0.59



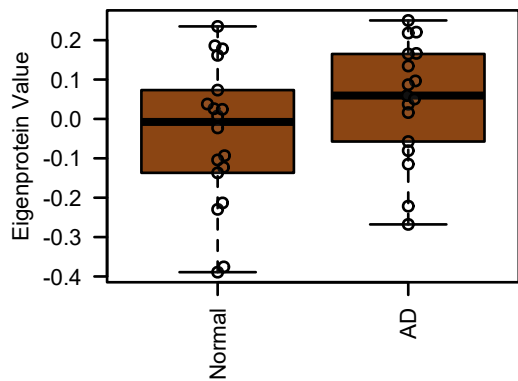
bicor=0.38, p=0.12
cor=0.36, p=0.14



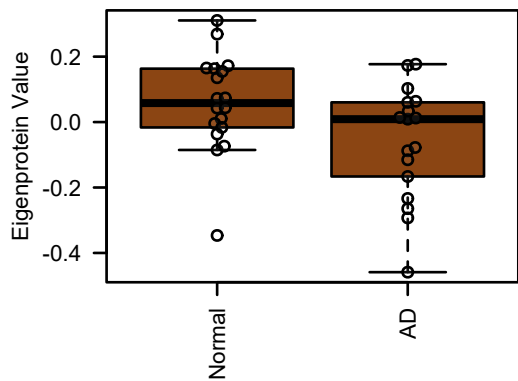
bicor=-0.094, p=0.72
cor=-0.053, p=0.84



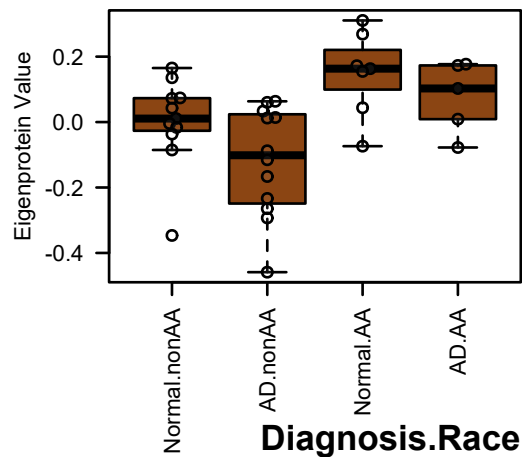
M29 saddlebrown.Plasma35
IGF-Growth/GAG Binding



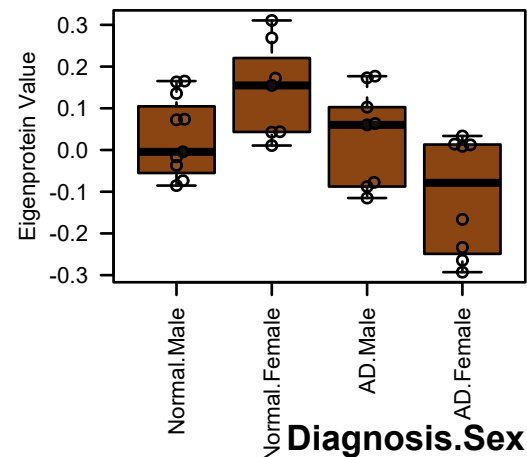
MEsaddlebrown.CSF 35 Samp. (Synthetic)
ANOVA p: 0.036



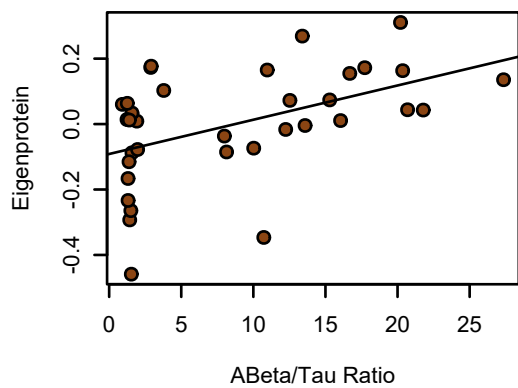
MEsaddlebrown.CSF (Synthetic)
ANOVA p: 0.0031



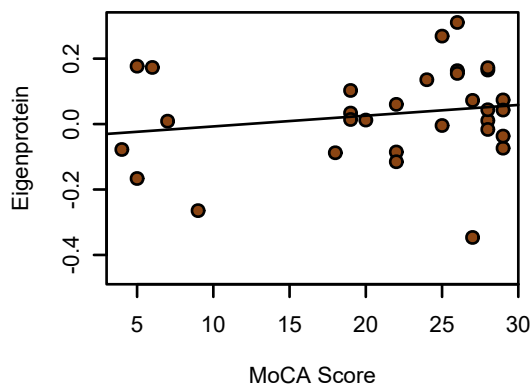
MEsaddlebrown.CSF (Synthetic)
ANOVA p: 0.031



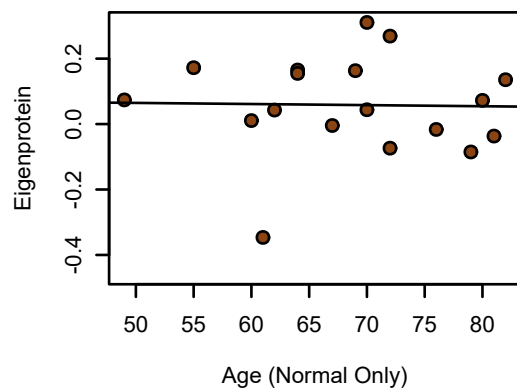
bicor=0.5, p=0.0023
cor=0.48, p=0.0035



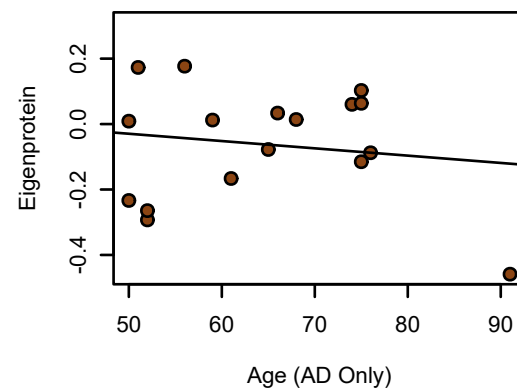
bicor=0.21, p=0.26
cor=0.19, p=0.31



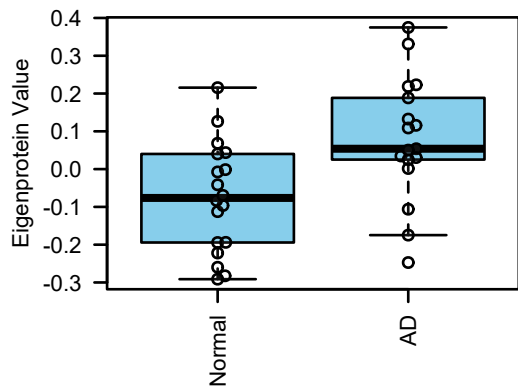
bicor=-0.09, p=0.72
cor=-0.021, p=0.93



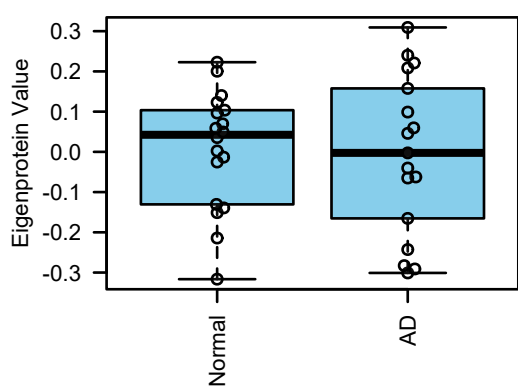
bicor=0.016, p=0.95
cor=-0.15, p=0.57



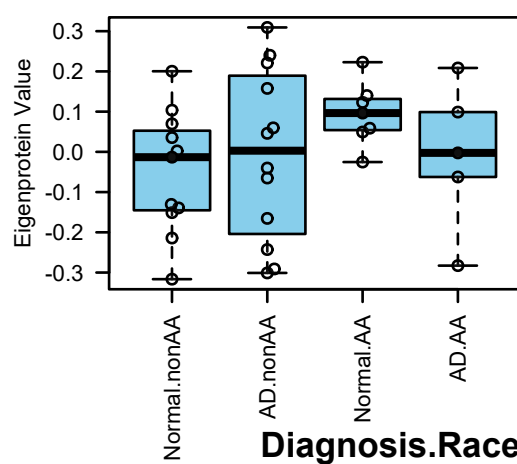
M28 skyblue.Plasma35
Complement/Humoral Immune Response



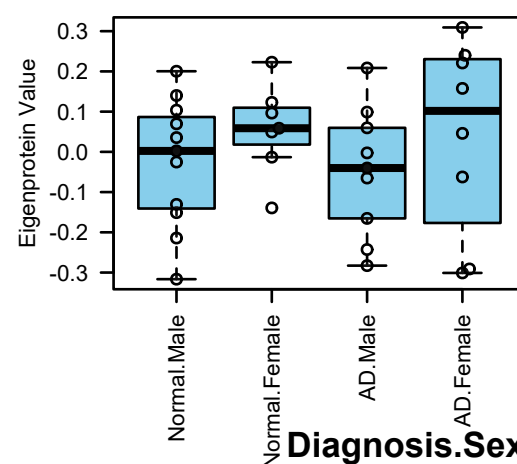
MEskyblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.83



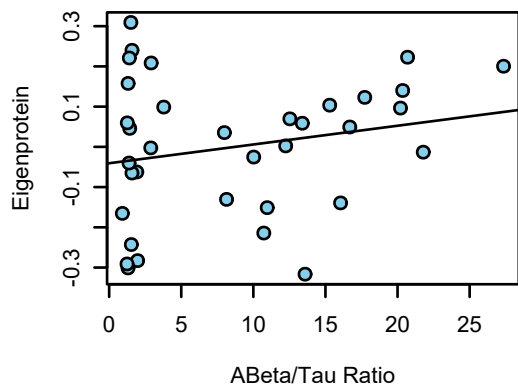
MEskyblue.CSF (Synthetic)
ANOVA p: 0.39



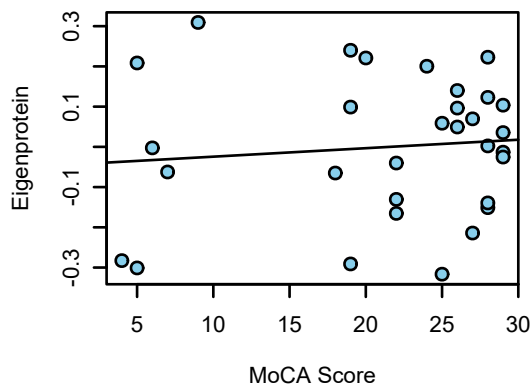
MEskyblue.CSF (Synthetic)
ANOVA p: 0.56



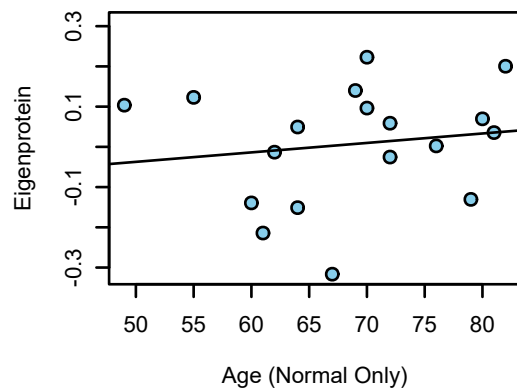
bicor=0.18, p=0.29
cor=0.21, p=0.23



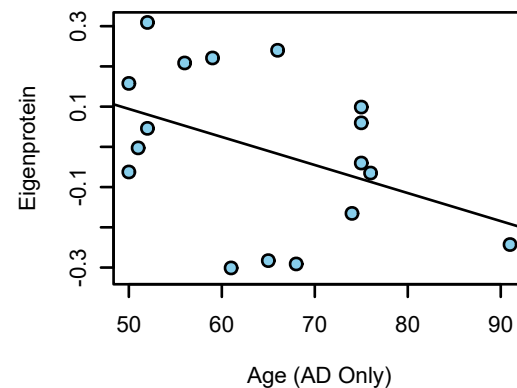
bicor=0.0056, p=0.98
cor=0.1, p=0.59



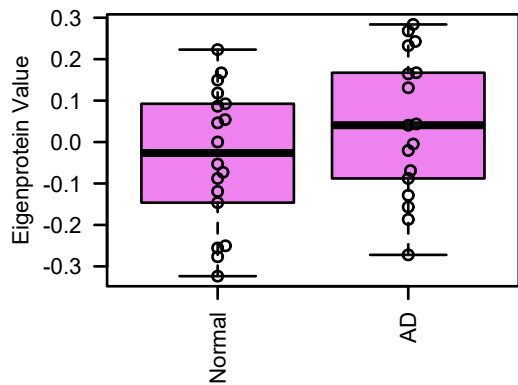
bicor=0.17, p=0.49
cor=0.15, p=0.55



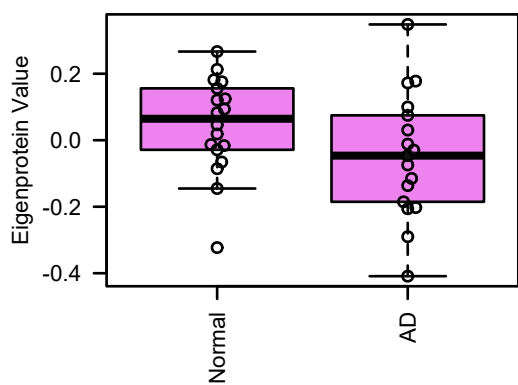
bicor=-0.42, p=0.097
cor=-0.42, p=0.093



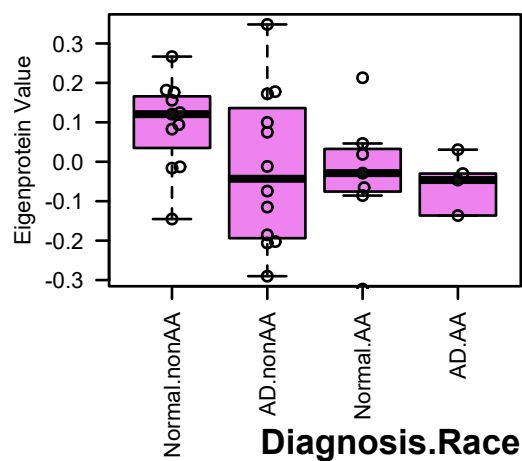
M32 violet.Plasma35
Lipoprotein Metabolism



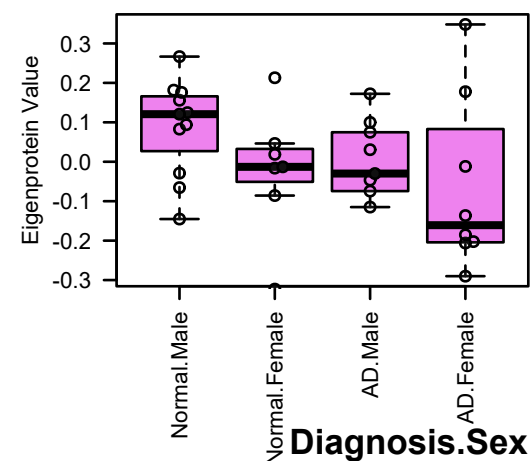
MEviolet.CSF 35 Samp. (Synthetic)
ANOVA p: 0.11



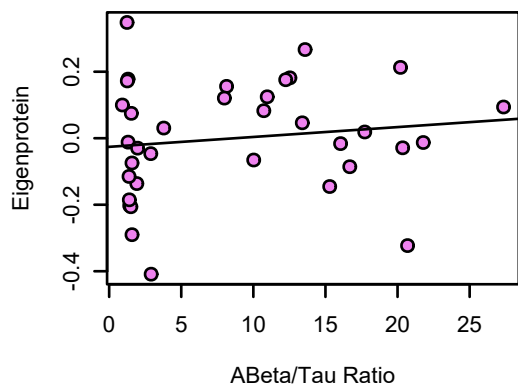
MEviolet.CSF (Synthetic)
ANOVA p: 0.11



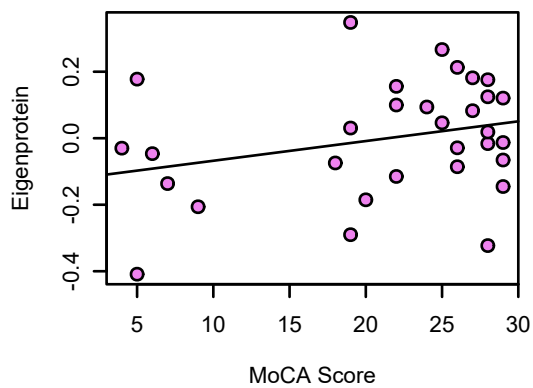
MEviolet.CSF (Synthetic)
ANOVA p: 0.22



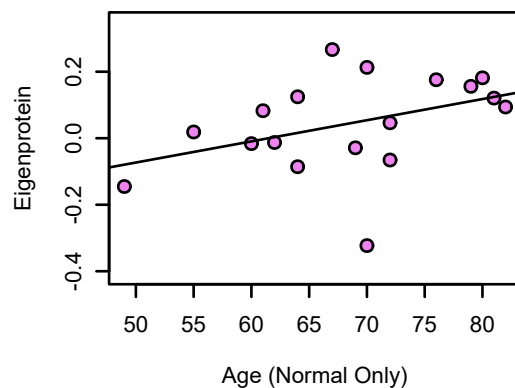
bicor=0.16, p=0.37
cor=0.14, p=0.42



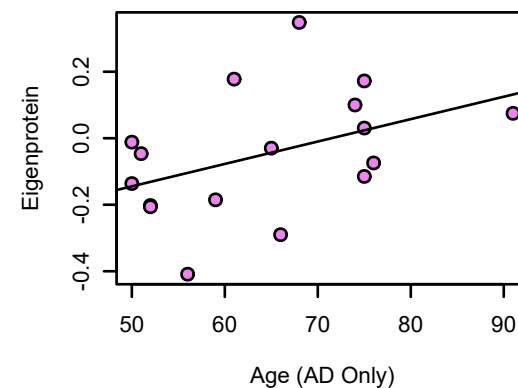
bicor=0.19, p=0.3
cor=0.28, p=0.13



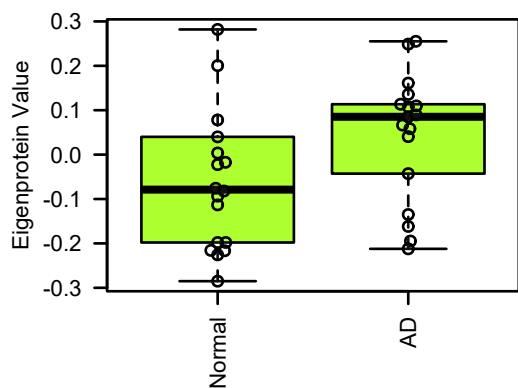
bicor=0.47, p=0.05
cor=0.41, p=0.091



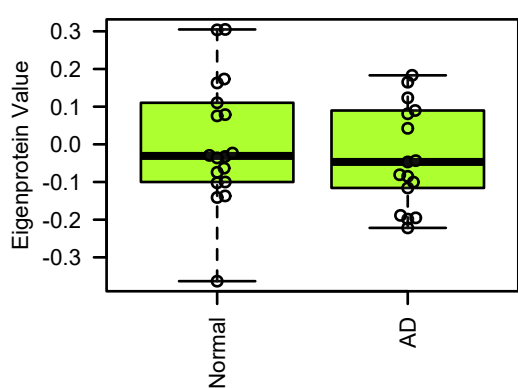
bicor=0.45, p=0.067
cor=0.43, p=0.085



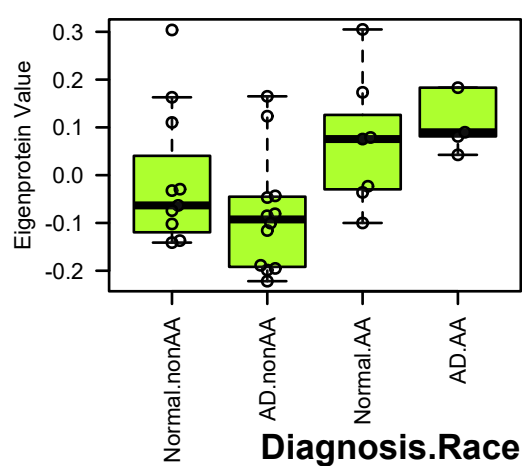
M11 greenyellow.Plasma35
Immunoglobulins/Coagulation Cascade



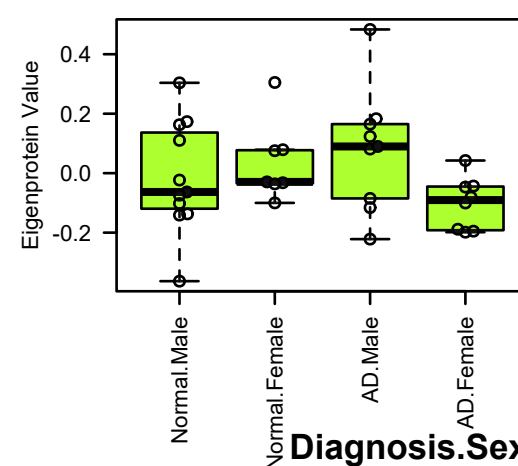
MEgreenyellow.CSF 35 Samp. (Synthetic)
ANOVA p: 0.84



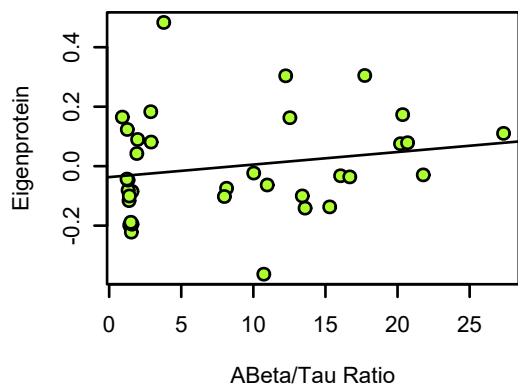
MEgreenyellow.CSF (Synthetic)
ANOVA p: 0.016



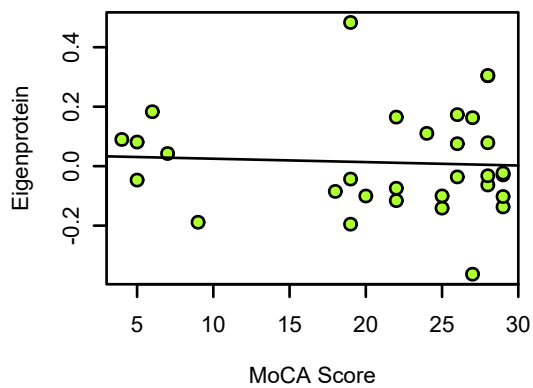
MEgreenyellow.CSF (Synthetic)
ANOVA p: 0.17



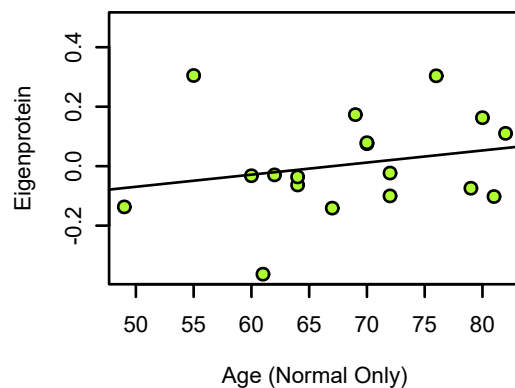
bicor=0.24, p=0.16
cor=0.19, p=0.27



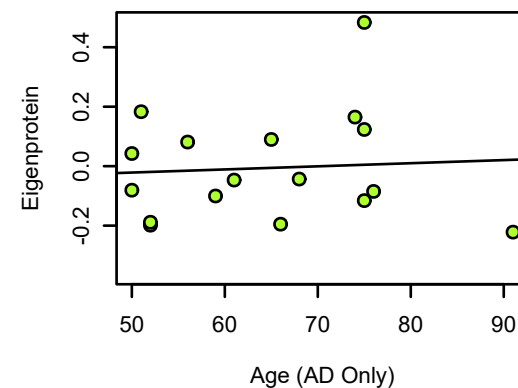
bicor=-0.0047, p=0.98
cor=-0.055, p=0.77



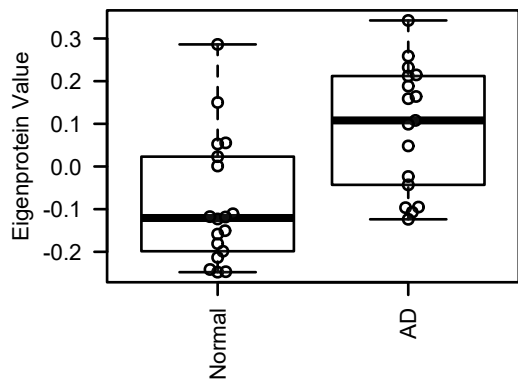
bicor=0.23, p=0.36
cor=0.23, p=0.36



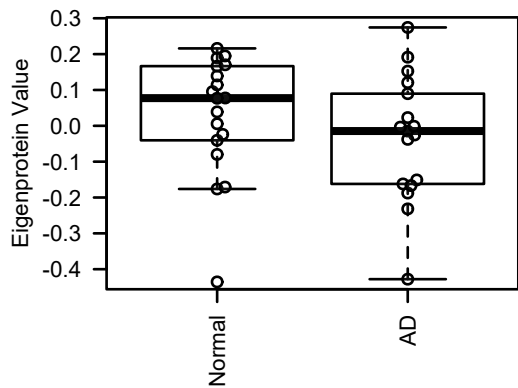
bicor=0.038, p=0.88
cor=0.069, p=0.79



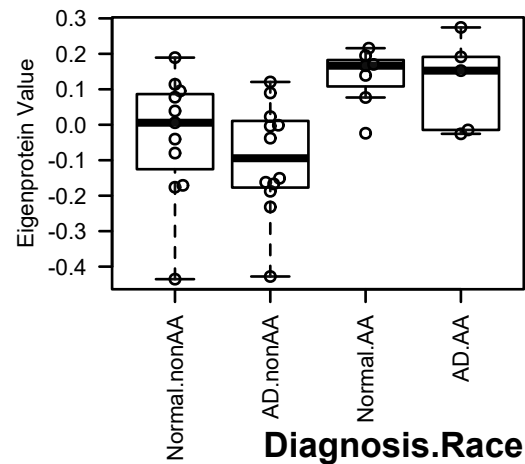
**M27 white.Plasma35
Collagen/ECM**



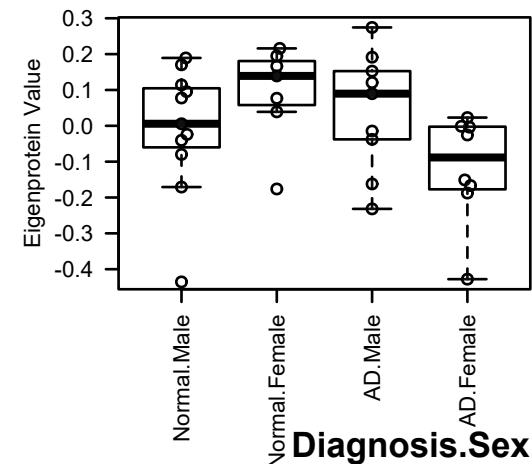
**MEwhite.CSF 35 Samp. (Synthetic)
ANOVA p: 0.28**



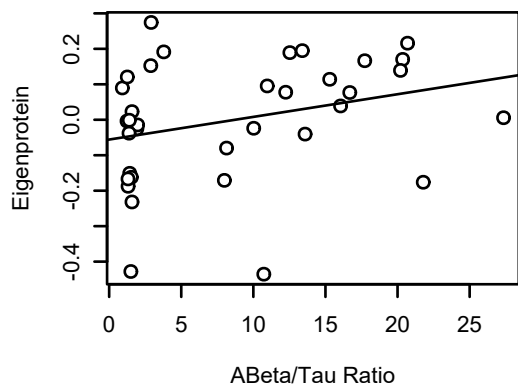
**MEwhite.CSF (Synthetic)
ANOVA p: 0.0079**



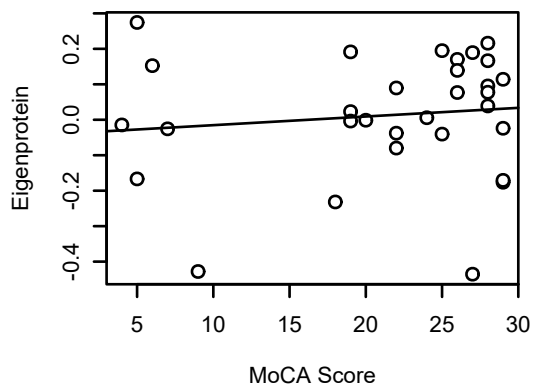
**MEwhite.CSF (Synthetic)
ANOVA p: 0.086**



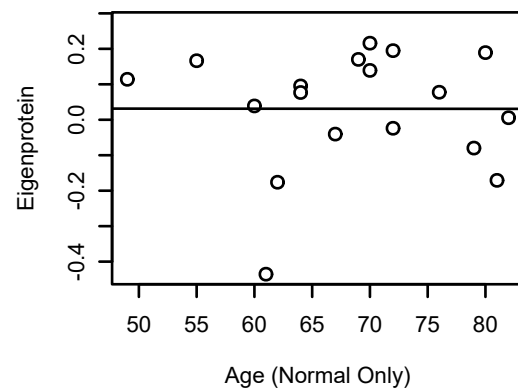
**bicor=0.32, p=0.064
cor=0.29, p=0.091**



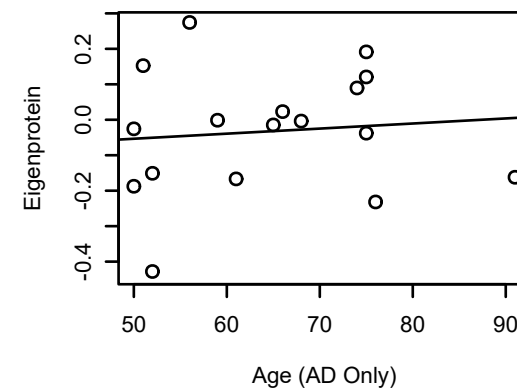
**bicor=0.17, p=0.36
cor=0.12, p=0.52**



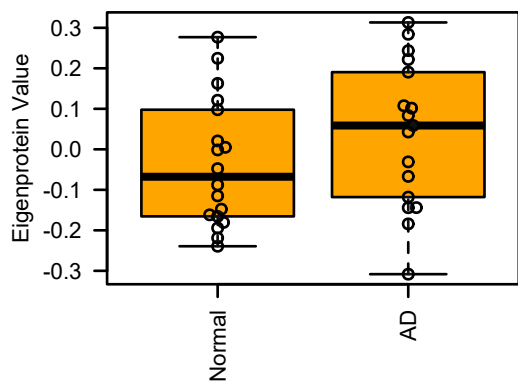
**bicor=-0.063, p=0.8
cor=-0.0011, p=1**



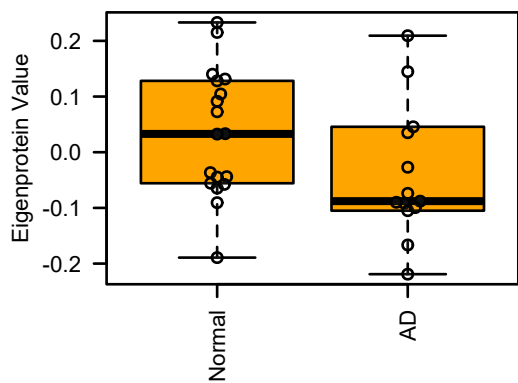
**bicor=0.1, p=0.69
cor=0.098, p=0.71**



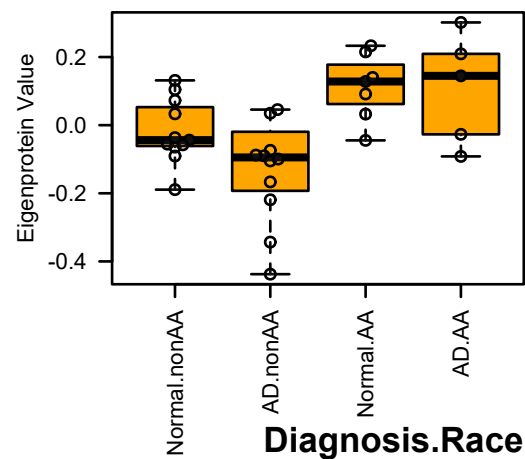
**M25 orange.Plasma35
Lysosome**



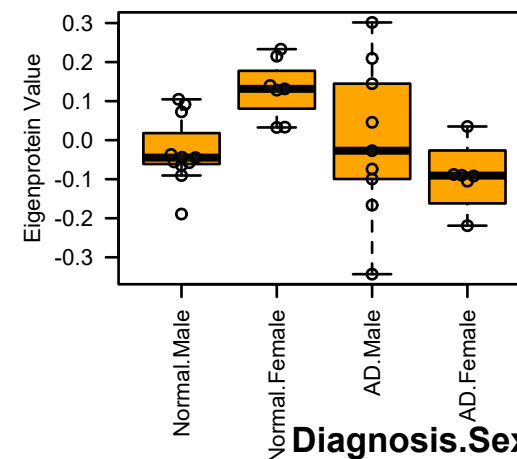
**MEorange.CSF 35 Samp. (Synthetic)
ANOVA p: 0.24**



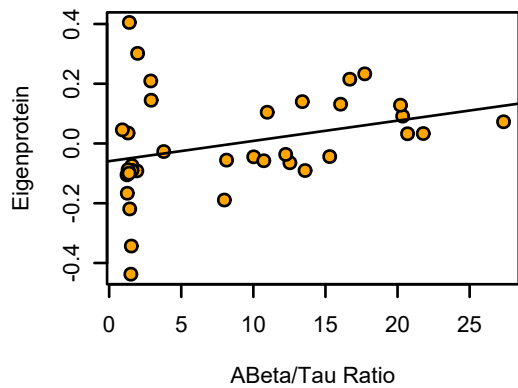
**MEorange.CSF (Synthetic)
ANOVA p: 0.024**



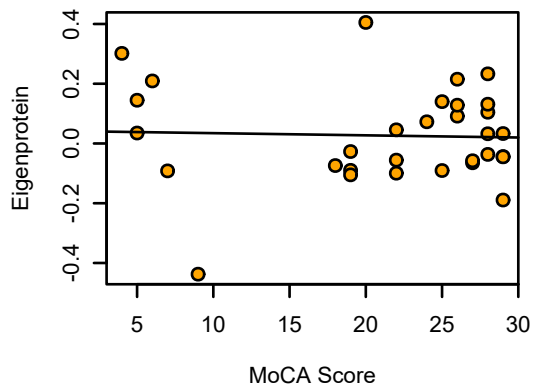
**MEorange.CSF (Synthetic)
ANOVA p: 0.11**



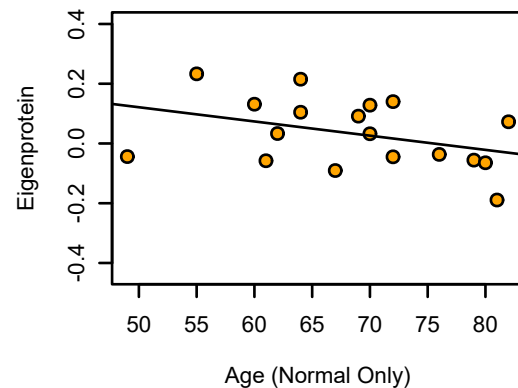
**bicor=0.42, p=0.012
cor=0.31, p=0.07**



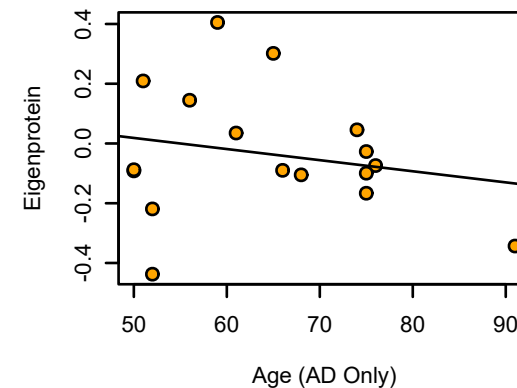
**bicor=0.1, p=0.59
cor=-0.038, p=0.84**



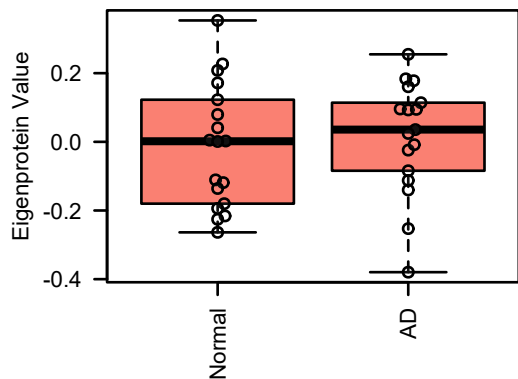
**bicor=-0.39, p=0.11
cor=-0.38, p=0.12**



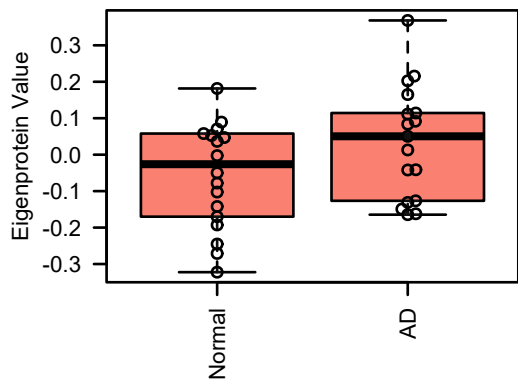
**bicor=-0.21, p=0.42
cor=-0.21, p=0.42**



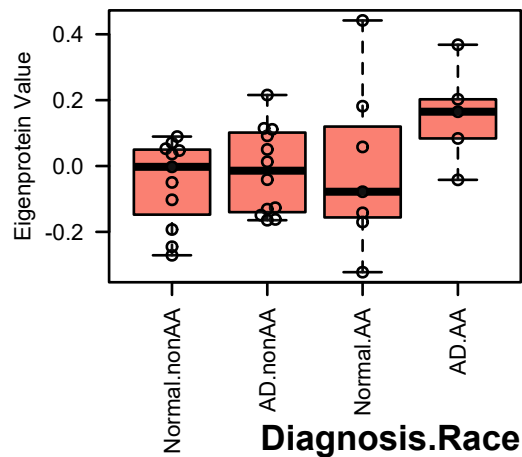
M13 salmon.Plasma35
Ambiguous



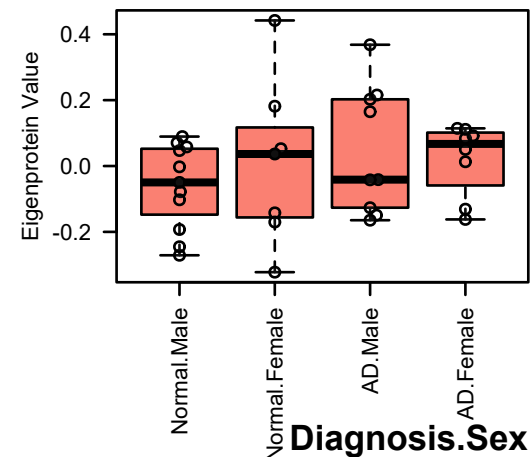
MEsalmon.CSF 35 Samp. (Synthetic)
ANOVA p: 0.24



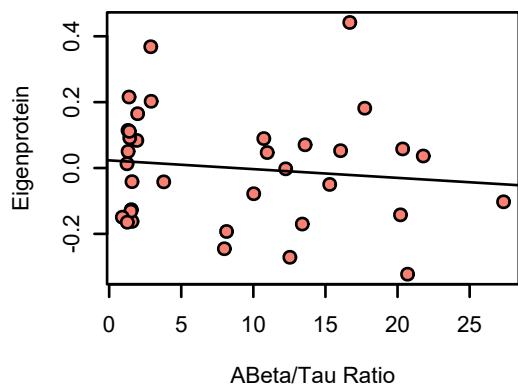
MEsalmon.CSF (Synthetic)
ANOVA p: 0.16



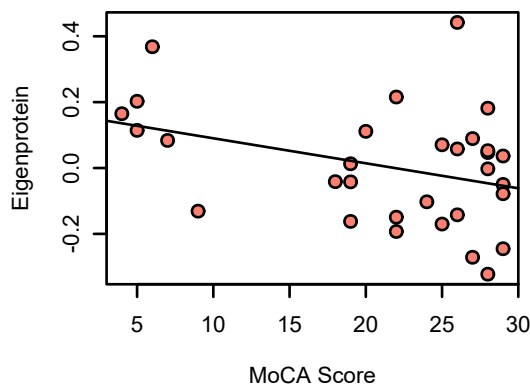
MEsalmon.CSF (Synthetic)
ANOVA p: 0.54



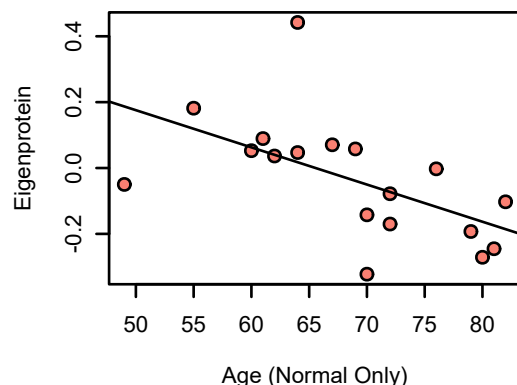
bicor=-0.13, p=0.45
cor=-0.12, p=0.49



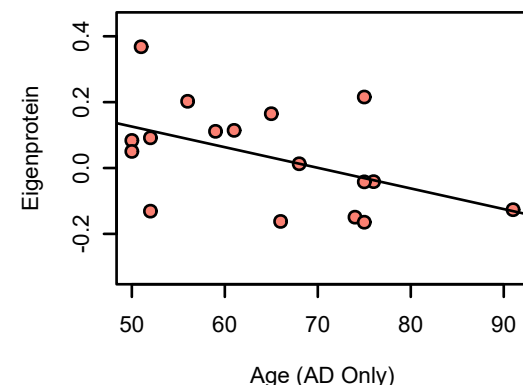
bicor=-0.14, p=0.45
cor=-0.36, p=0.047



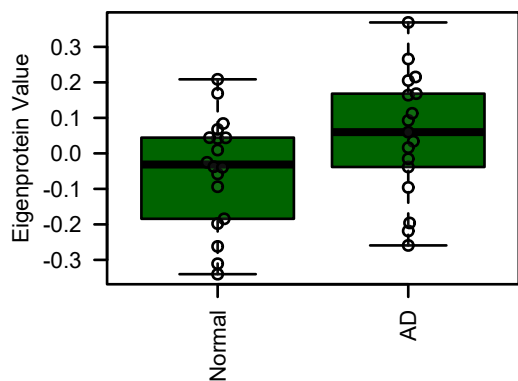
bicor=-0.64, p=0.004
cor=-0.57, p=0.014



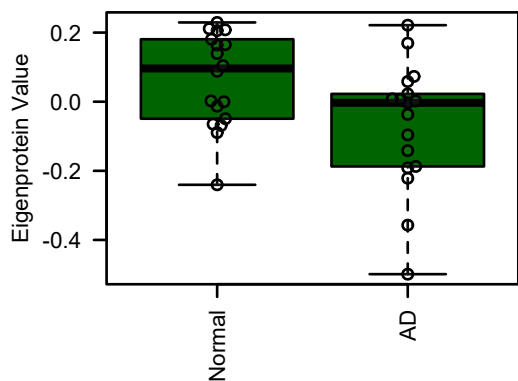
bicor=-0.48, p=0.053
cor=-0.48, p=0.051



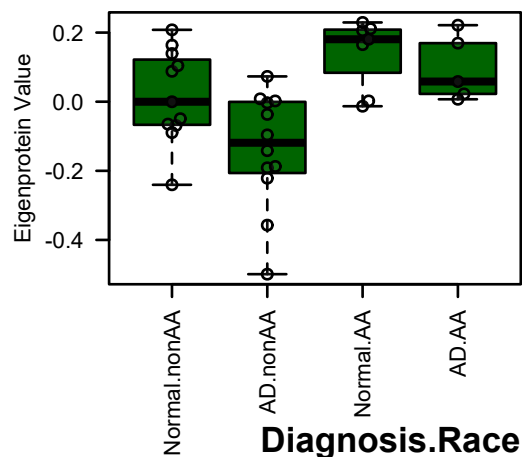
M22 darkgreen.Plasma35
Protein Activation Cascade/Proteolysis



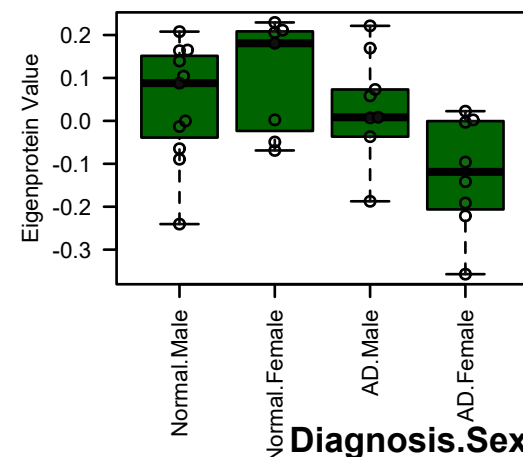
MEdarkgreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.018



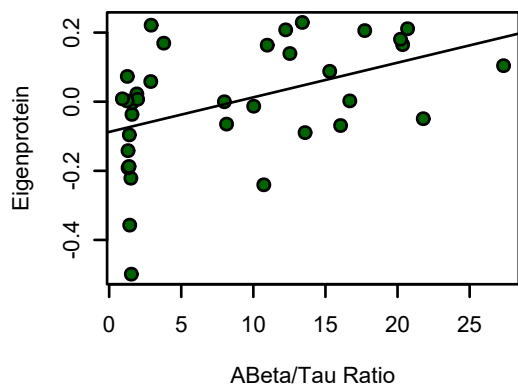
MEdarkgreen.CSF (Synthetic)
ANOVA p: 0.00078



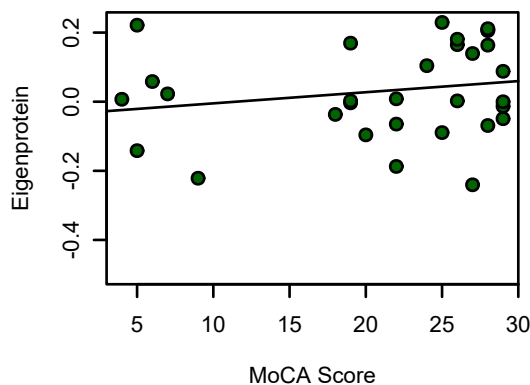
MEdarkgreen.CSF (Synthetic)
ANOVA p: 0.053



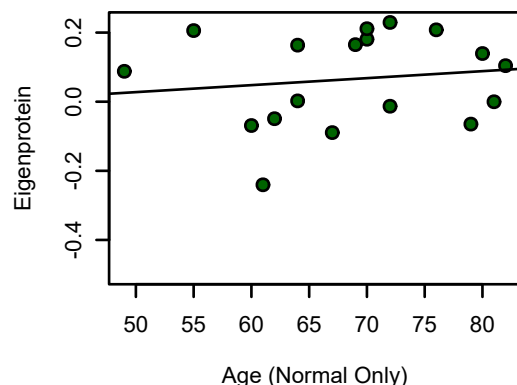
bicor=0.47, p=0.004
cor=0.46, p=0.0054



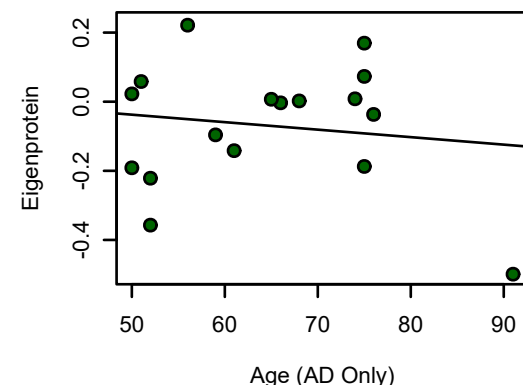
bicor=0.24, p=0.2
cor=0.2, p=0.28



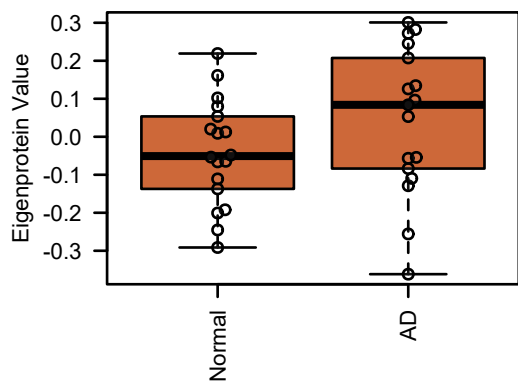
bicor=0.16, p=0.53
cor=0.14, p=0.58



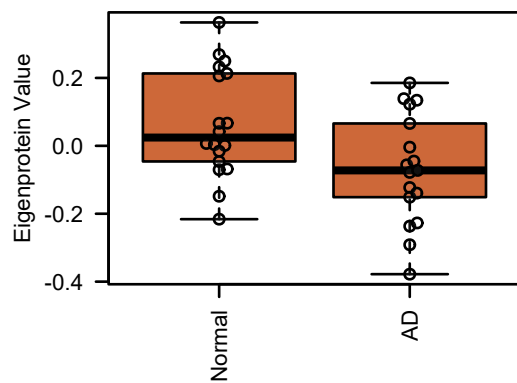
bicor=0.074, p=0.78
cor=-0.14, p=0.59



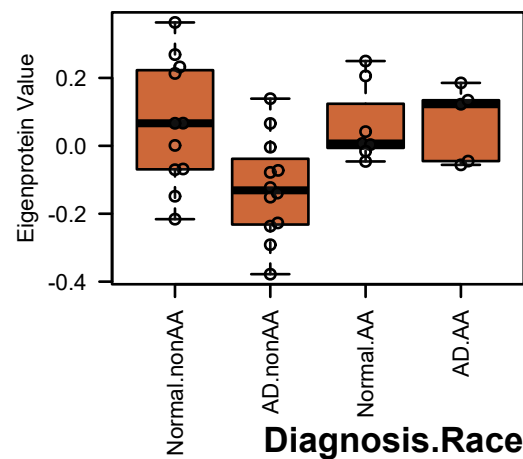
M35 sienna3.Plasma35
Ambiguous



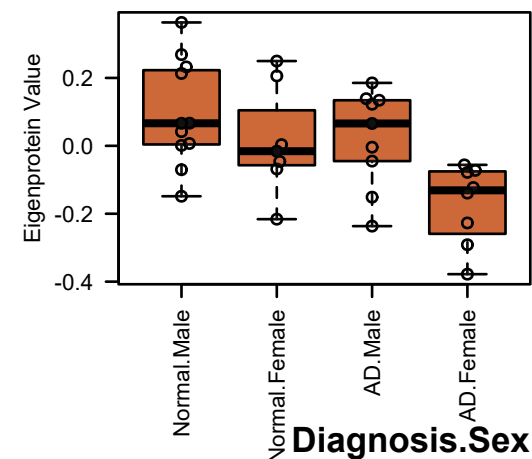
MEsienna3.CSF 35 Samp. (Synthetic)
ANOVA p: 0.02



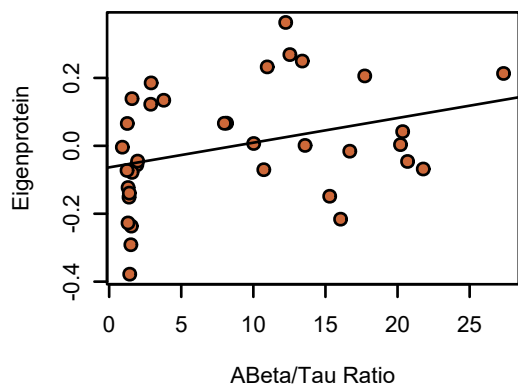
MEsienna3.CSF (Synthetic)
ANOVA p: 0.015



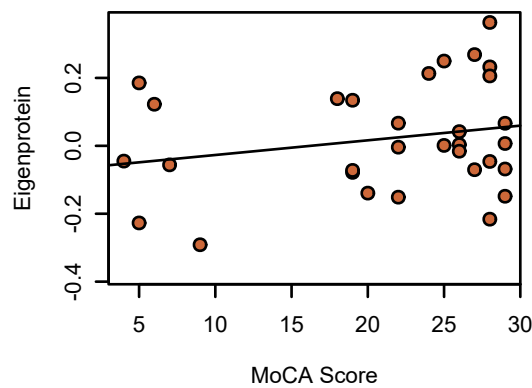
MEsienna3.CSF (Synthetic)
ANOVA p: 0.0046



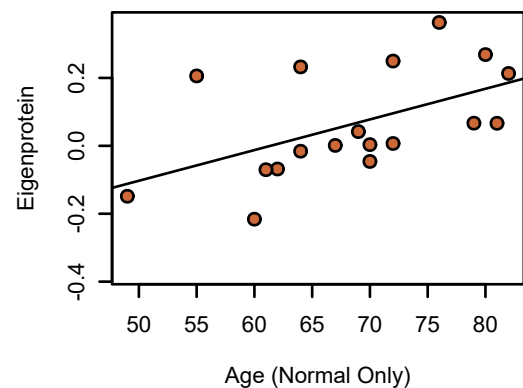
bicor=0.33, p=0.054
cor=0.33, p=0.053



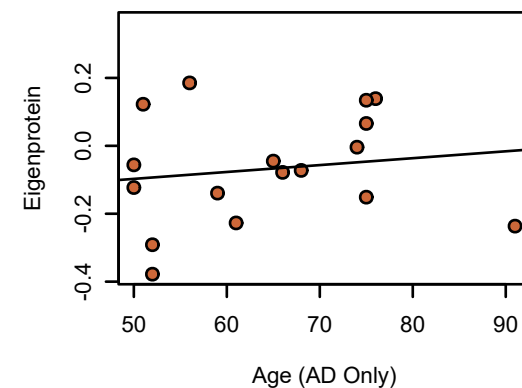
bicor=0.17, p=0.36
cor=0.22, p=0.23



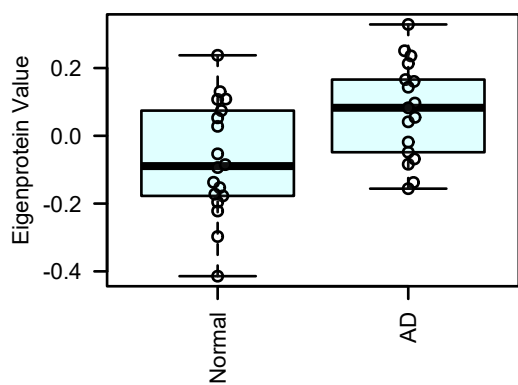
bicor=0.5, p=0.035
cor=0.53, p=0.024



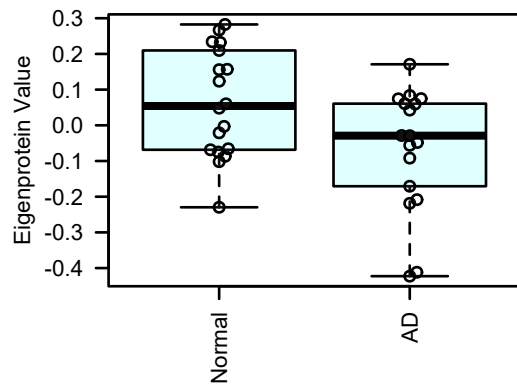
bicor=0.17, p=0.52
cor=0.15, p=0.57



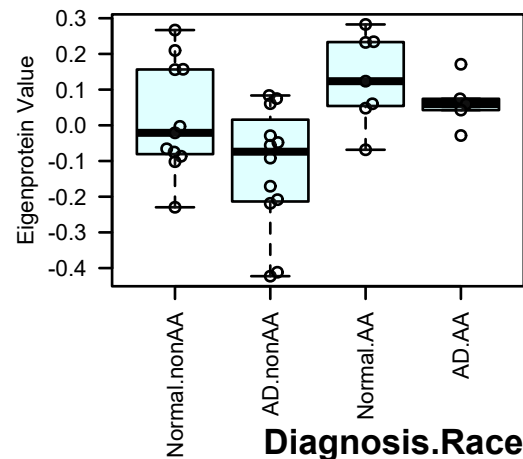
M16 lightcyan.Plasma35
Complement/Protein Activation Cascade



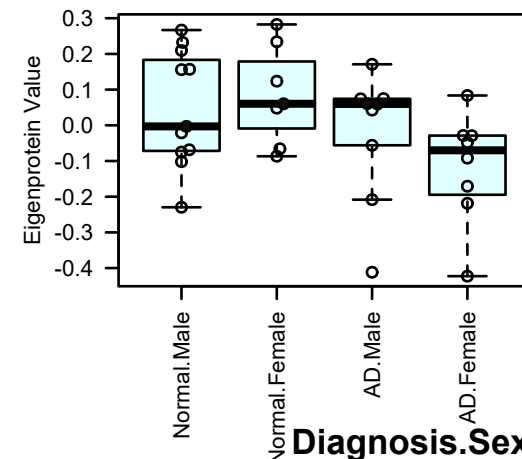
MElightcyan.CSF 35 Samp. (Synthetic)
ANOVA p: 0.025



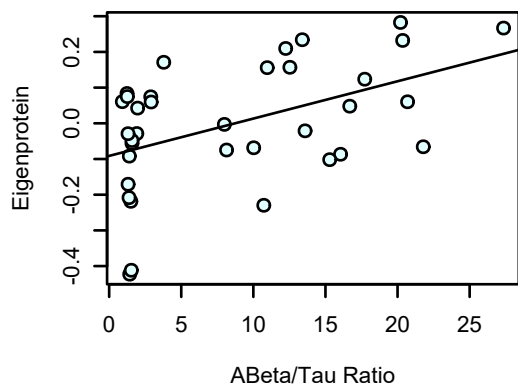
MElightcyan.CSF (Synthetic)
ANOVA p: 0.0076



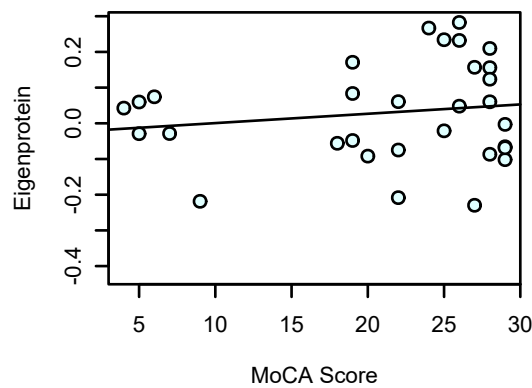
MElightcyan.CSF (Synthetic)
ANOVA p: 0.089



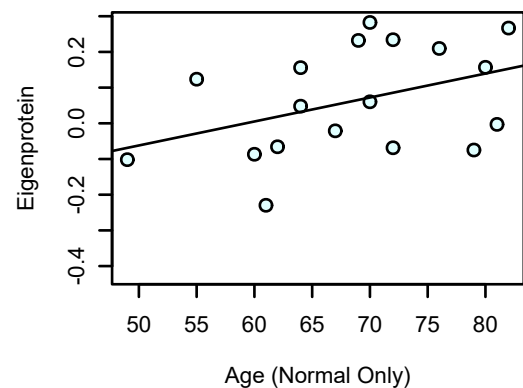
bicor=0.45, p=0.0064
cor=0.48, p=0.0035



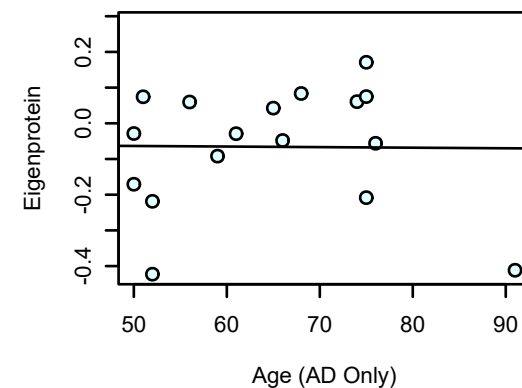
bicor=0.19, p=0.3
cor=0.16, p=0.39



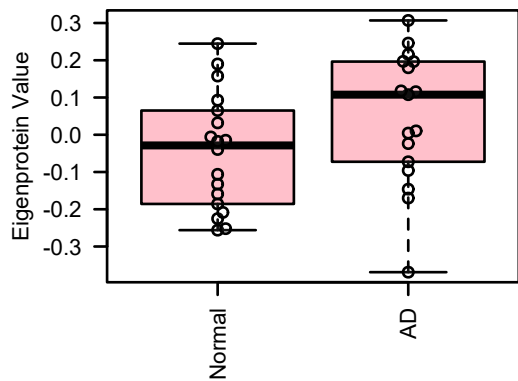
bicor=0.4, p=0.1
cor=0.41, p=0.091



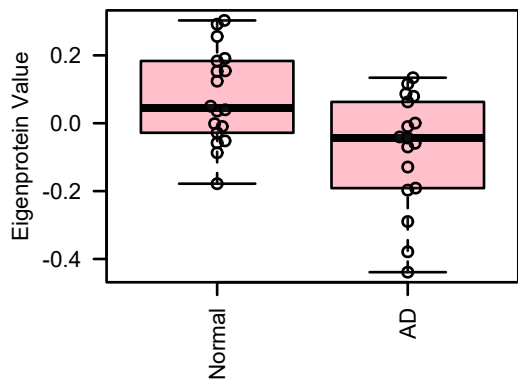
bicor=0.074, p=0.78
cor=-0.011, p=0.97



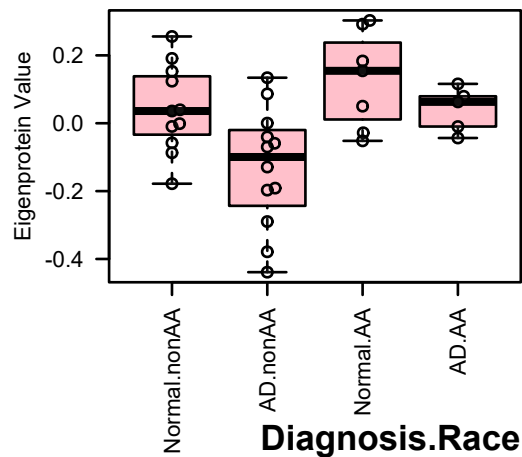
M8 pink.Plasma35
Protein Activation Cascade



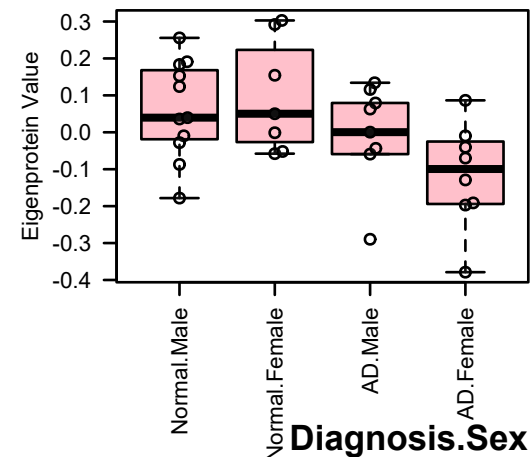
MEpink.CSF 35 Samp. (Synthetic)
ANOVA p: 0.0051



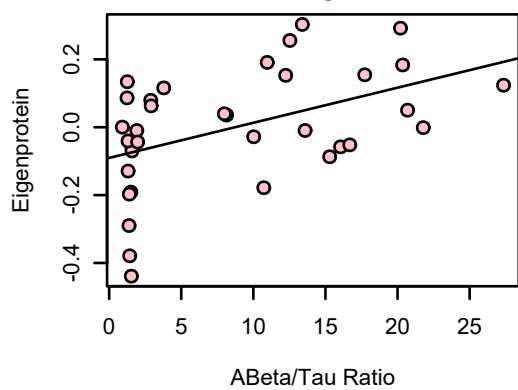
MEpink.CSF (Synthetic)
ANOVA p: 0.0035



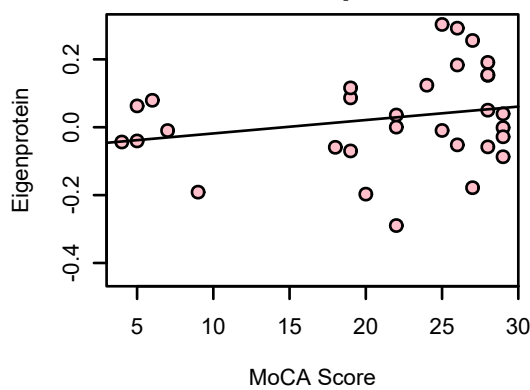
MEpink.CSF (Synthetic)
ANOVA p: 0.035



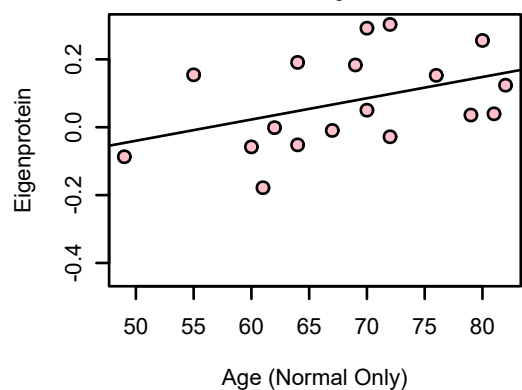
bicor=0.47, p=0.0039
cor=0.47, p=0.0044



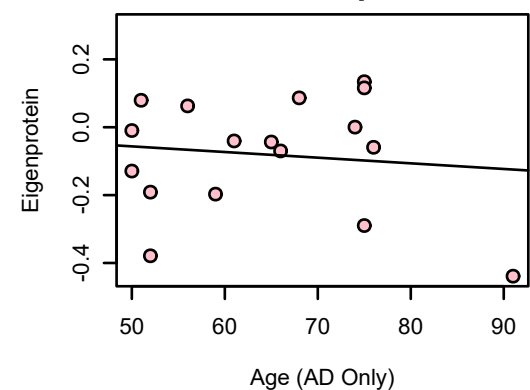
bicor=0.23, p=0.21
cor=0.23, p=0.21



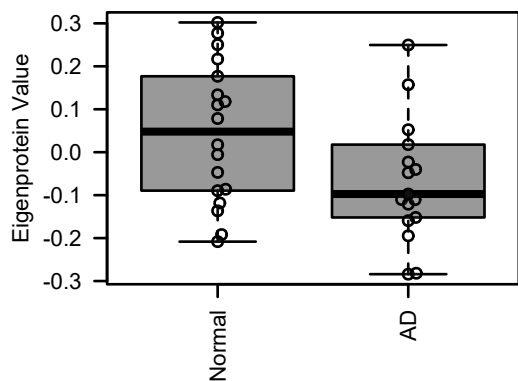
bicor=0.39, p=0.11
cor=0.42, p=0.083



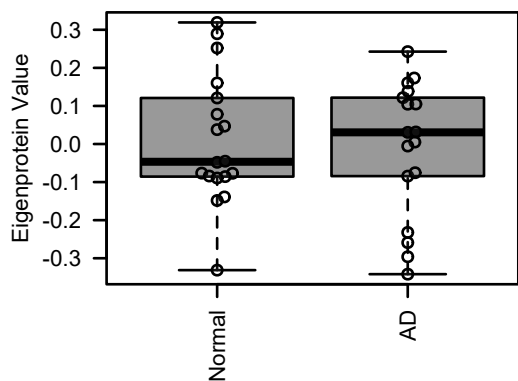
bicor=-0.028, p=0.92
cor=-0.12, p=0.65



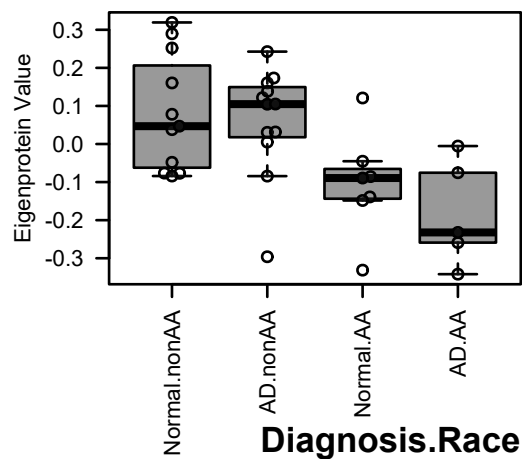
M17 grey60.Plasma35
Glycosylation



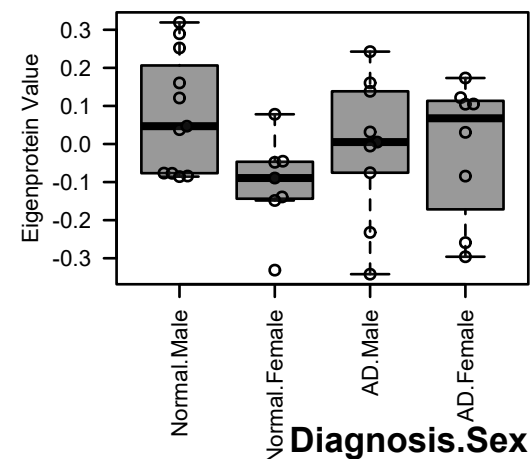
MEgrey60.CSF 35 Samp. (Synthetic)
ANOVA p: 0.73



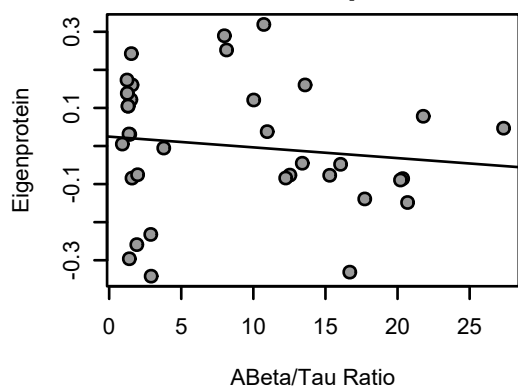
MEgrey60.CSF (Synthetic)
ANOVA p: 0.0029



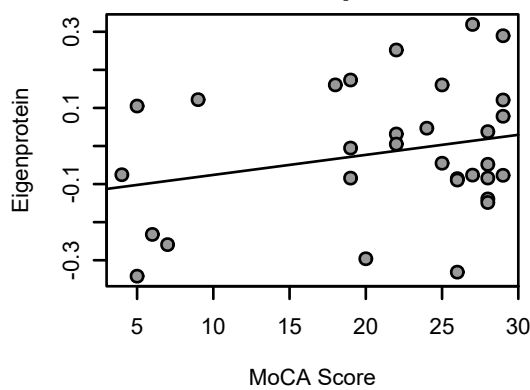
MEgrey60.CSF (Synthetic)
ANOVA p: 0.16



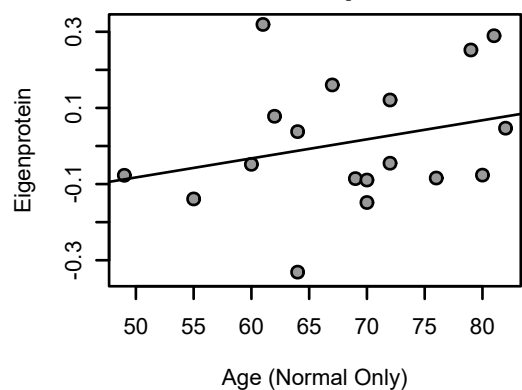
bicor=-0.17, p=0.34
cor=-0.13, p=0.46



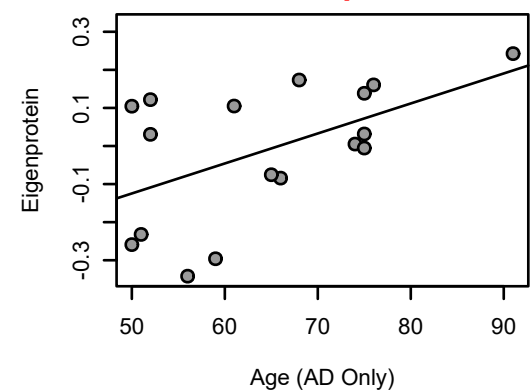
bicor=0.034, p=0.85
cor=0.25, p=0.17



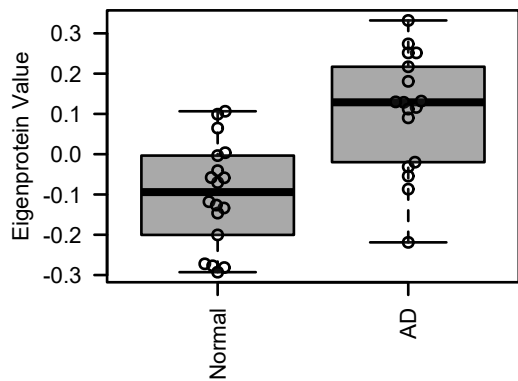
bicor=0.23, p=0.35
cor=0.27, p=0.28



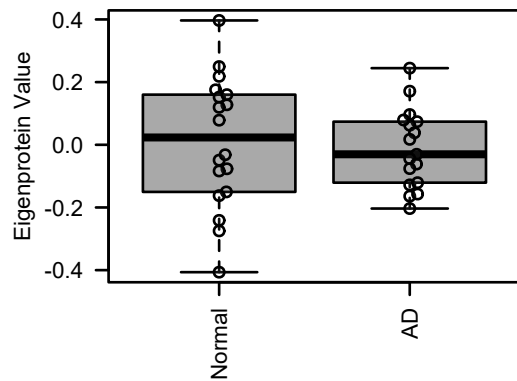
bicor=0.52, p=0.032
cor=0.53, p=0.029



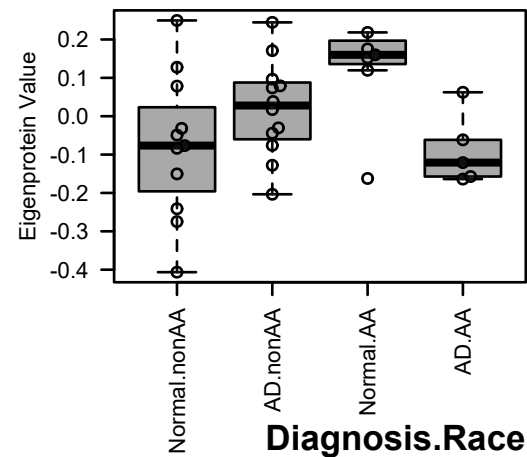
**M24 darkgrey.Plasma35
Endocytosis**



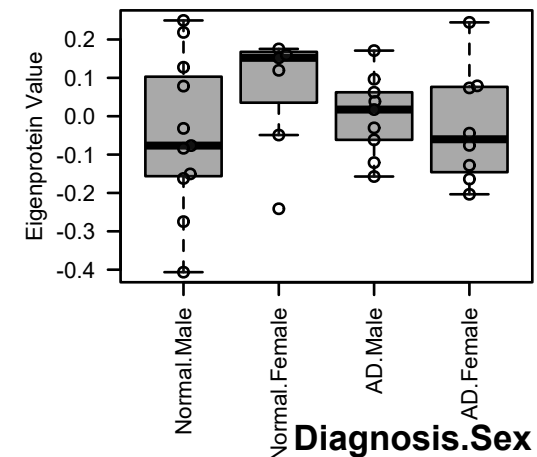
**MEdarkgrey.CSF 35 Samp. (Synthetic)
ANOVA p: 0.7**



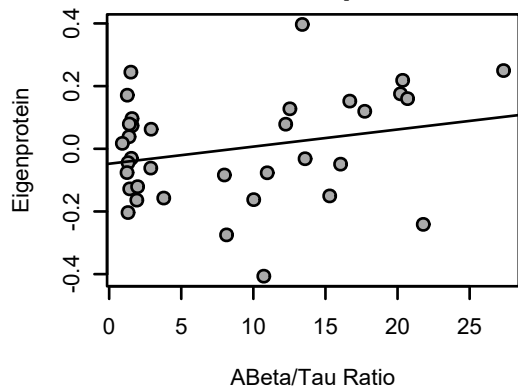
**MEdarkgrey.CSF (Synthetic)
ANOVA p: 0.019**



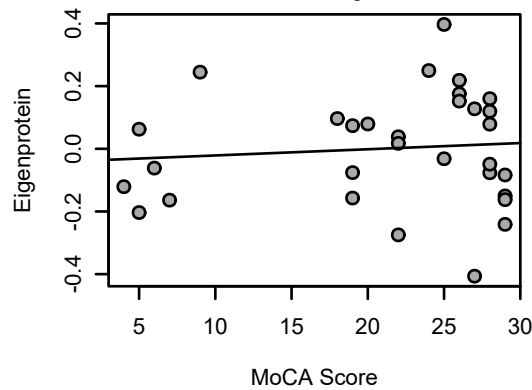
**MEdarkgrey.CSF (Synthetic)
ANOVA p: 0.33**



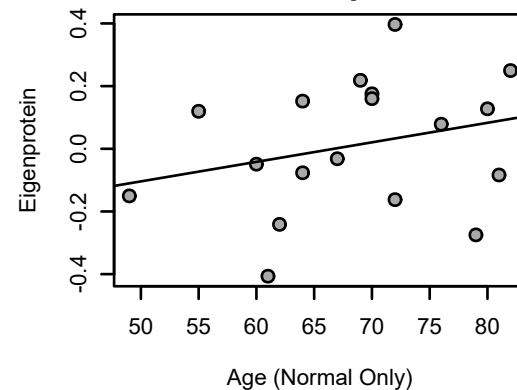
**bicor=0.25, p=0.15
cor=0.25, p=0.15**



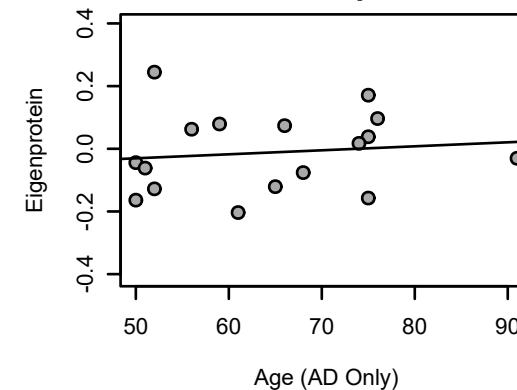
**bicor=-0.015, p=0.94
cor=0.092, p=0.62**



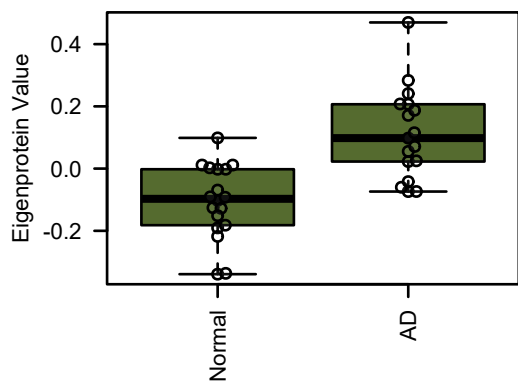
**bicor=0.28, p=0.26
cor=0.27, p=0.28**



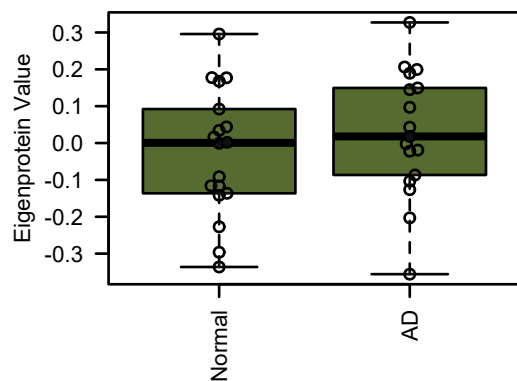
**bicor=0.14, p=0.58
cor=0.12, p=0.65**



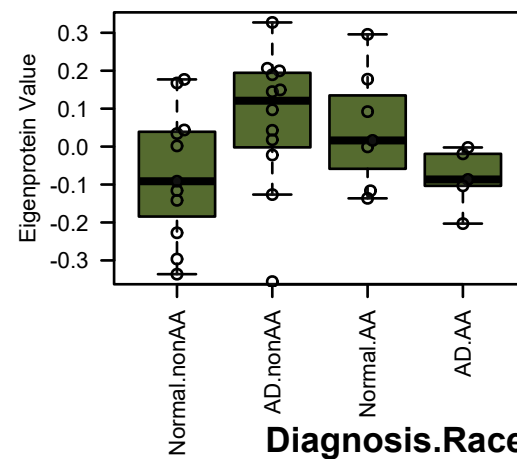
**M33 darkolivegreen.Plasma35
Adhesion/ECM/Wound Response**



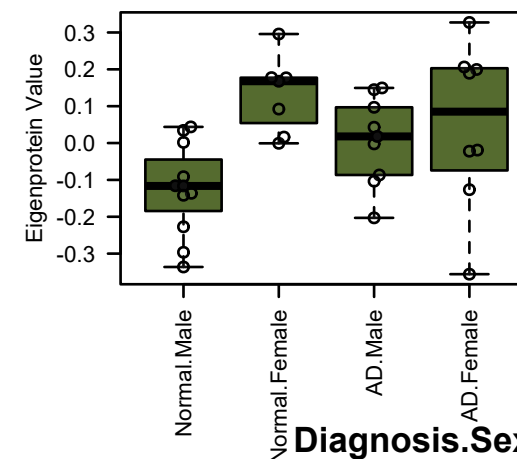
**MEdarkolivegreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.38**



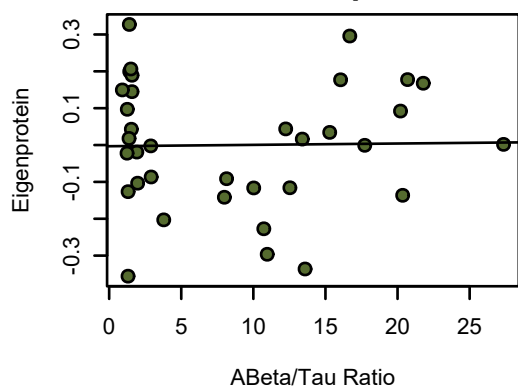
**MEdarkolivegreen.CSF (Synthetic)
ANOVA p: 0.12**



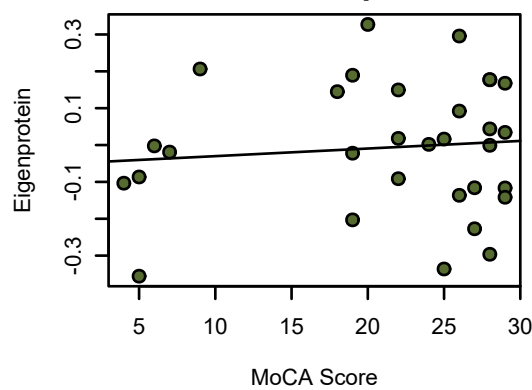
**MEdarkolivegreen.CSF (Synthetic)
ANOVA p: 0.0075**



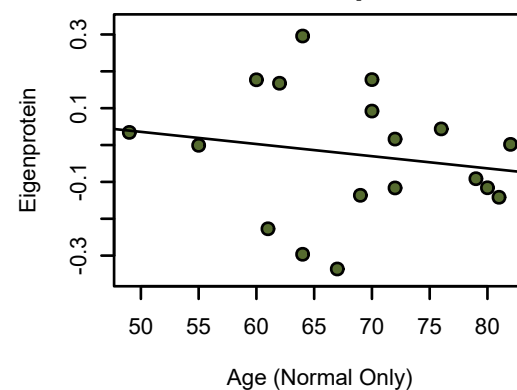
**bicor=0.0093, p=0.96
cor=0.017, p=0.92**



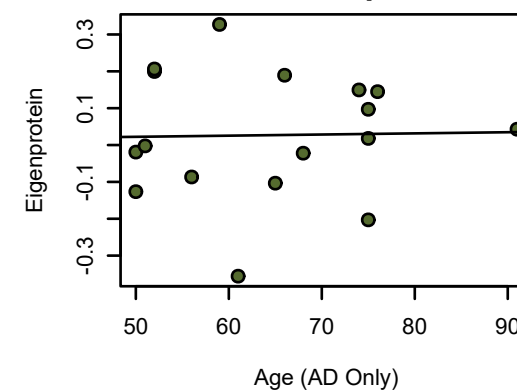
**bicor=-0.1, p=0.59
cor=0.098, p=0.6**



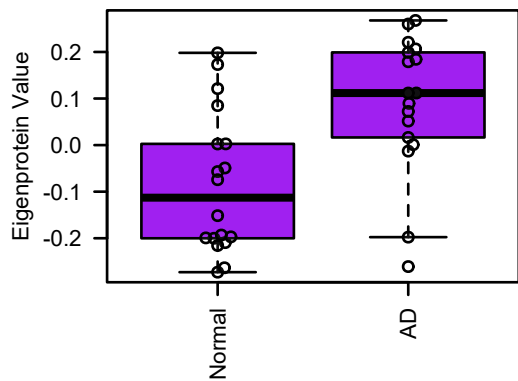
**bicor=-0.18, p=0.48
cor=-0.18, p=0.47**



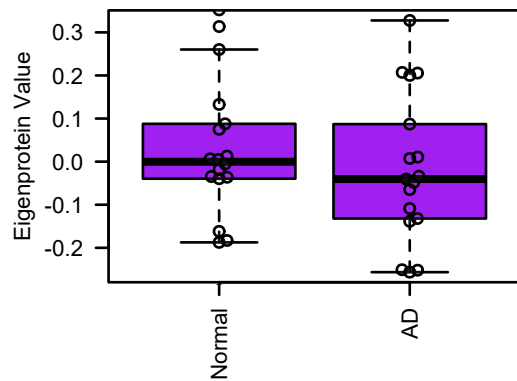
**bicor=0.027, p=0.92
cor=0.022, p=0.93**



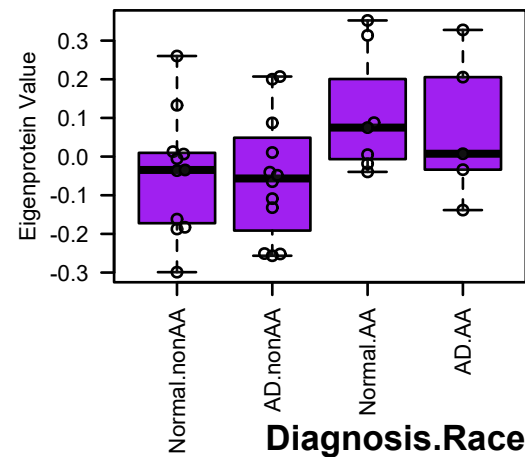
**M10 purple.Plasma35
Ambiguous**



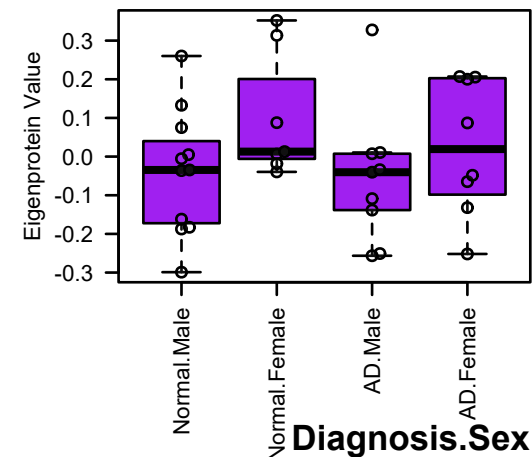
**MEpurple.CSF 35 Samp. (Synthetic)
ANOVA p: 0.59**



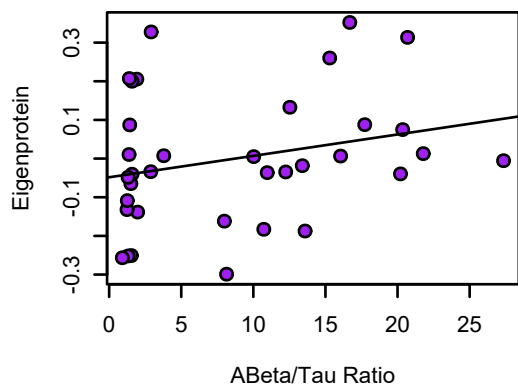
**MEpurple.CSF (Synthetic)
ANOVA p: 0.12**



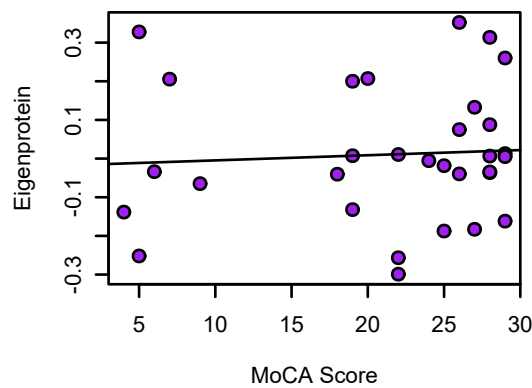
**MEpurple.CSF (Synthetic)
ANOVA p: 0.25**



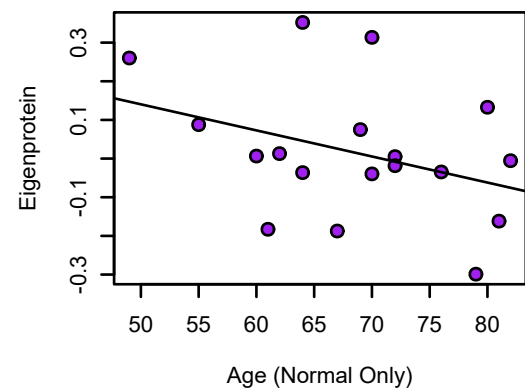
**bicor=0.26, p=0.13
cor=0.25, p=0.15**



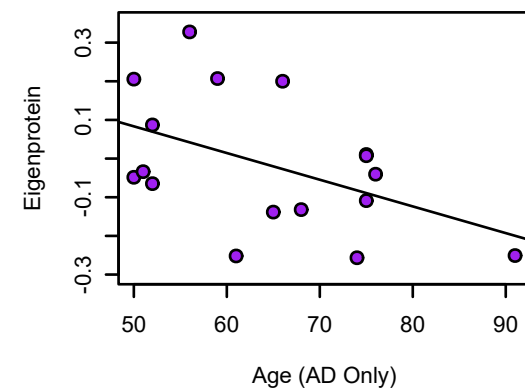
**bicor=0.084, p=0.65
cor=0.064, p=0.73**



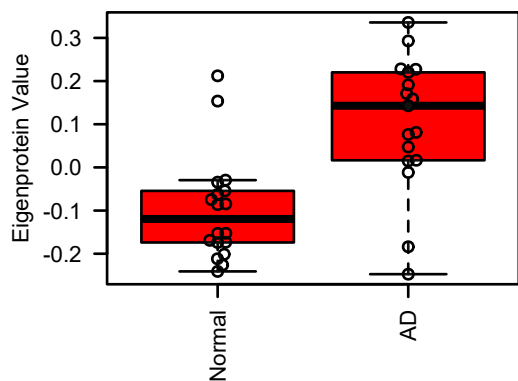
**bicor=-0.34, p=0.16
cor=-0.36, p=0.14**



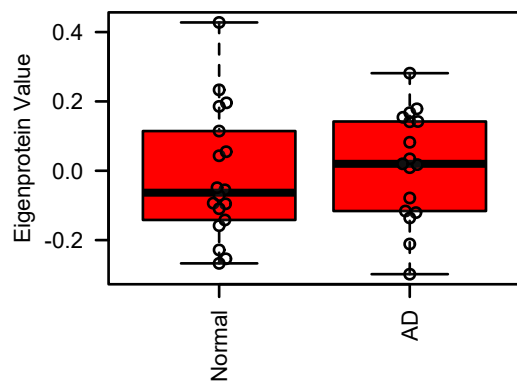
**bicor=-0.48, p=0.053
cor=-0.48, p=0.051**



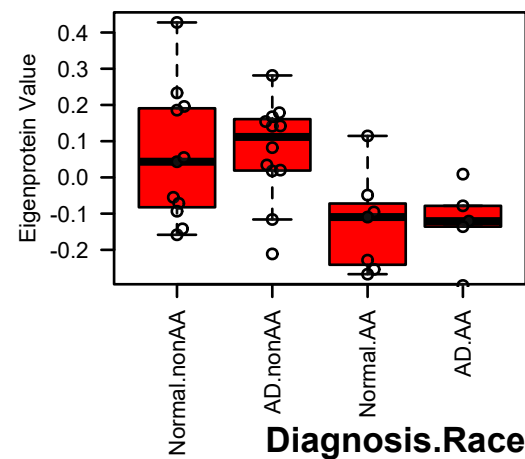
**M6 red.Plasma35
Axon Guidance/Nervous System Dev**



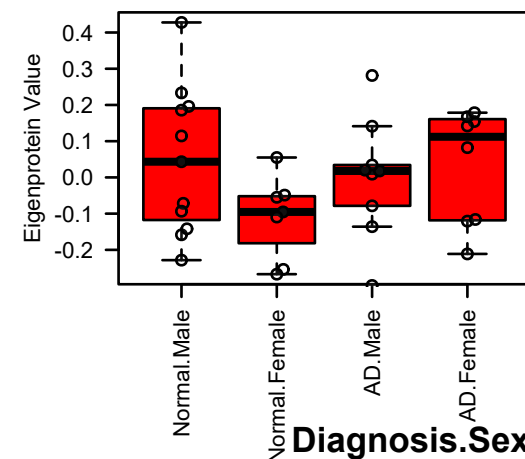
**MEred.CSF 35 Samp. (Synthetic)
ANOVA p: 0.61**



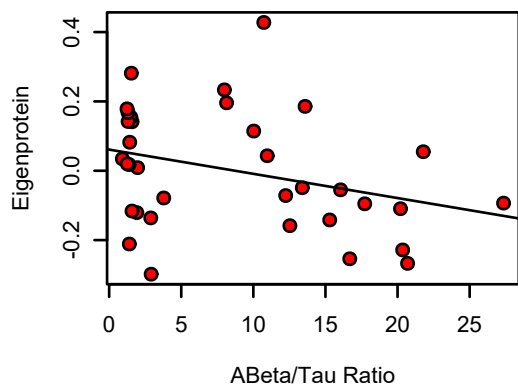
**MEred.CSF (Synthetic)
ANOVA p: 0.012**



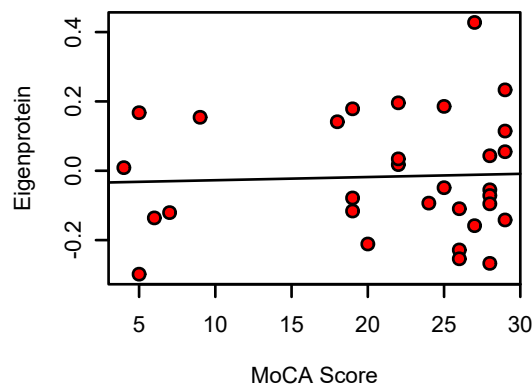
**MEred.CSF (Synthetic)
ANOVA p: 0.26**



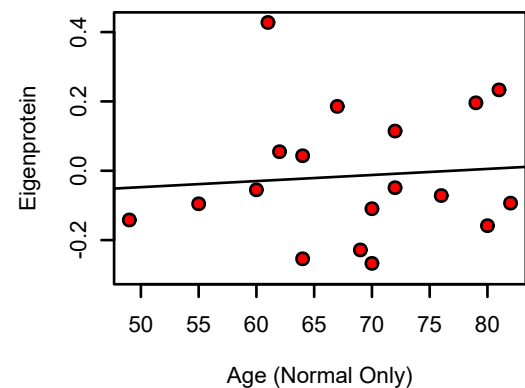
**bicor=-0.34, p=0.048
cor=-0.32, p=0.061**



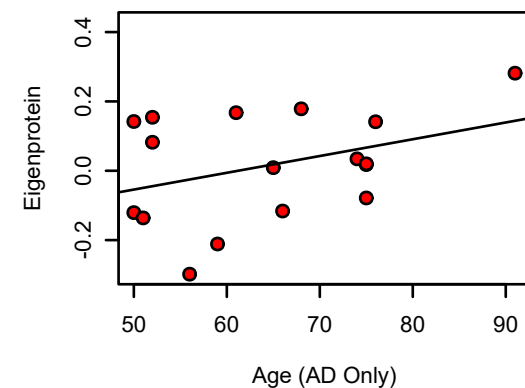
**bicor=-0.11, p=0.57
cor=0.045, p=0.81**



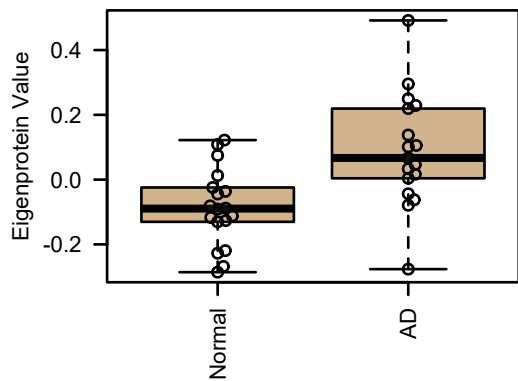
**bicor=0.095, p=0.71
cor=0.086, p=0.73**



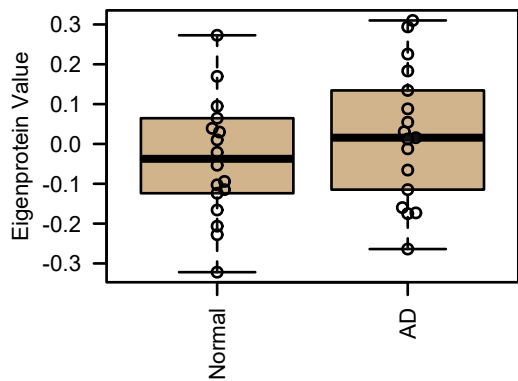
**bicor=0.34, p=0.18
cor=0.37, p=0.14**



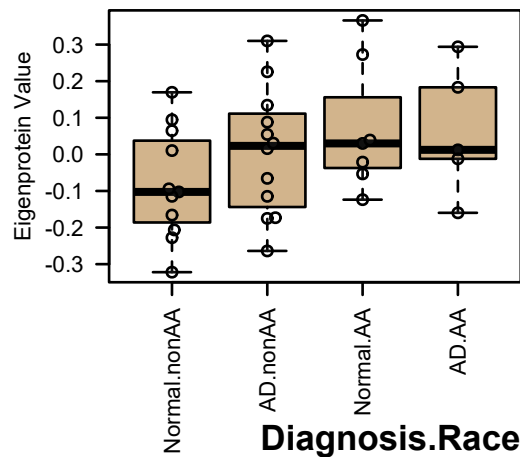
**M12 tan.Plasma35
Matrisome**



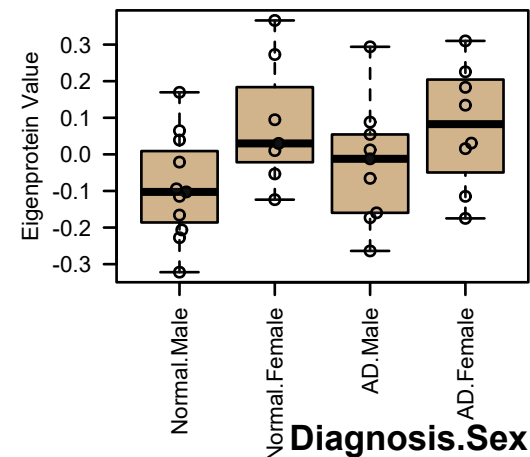
**MEtan.CSF 35 Samp. (Synthetic)
ANOVA p: 0.46**



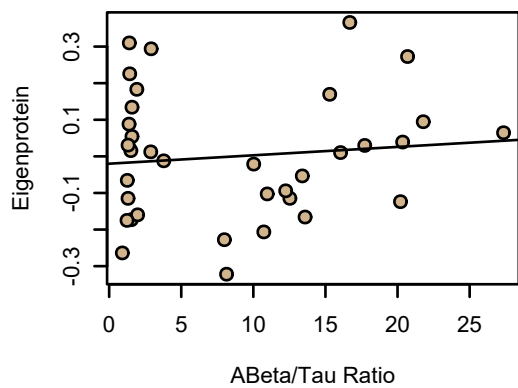
**MEtan.CSF (Synthetic)
ANOVA p: 0.22**



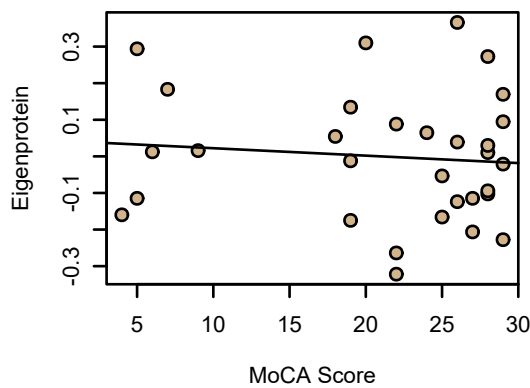
**MEtan.CSF (Synthetic)
ANOVA p: 0.084**



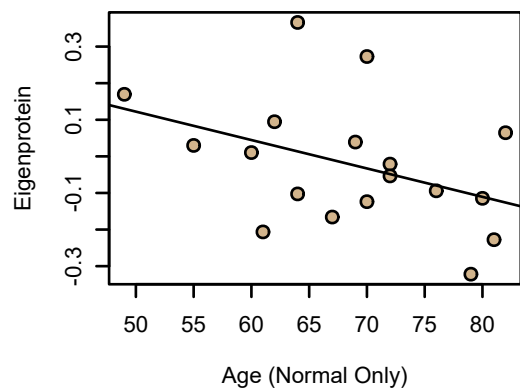
**bicor=0.085, p=0.63
cor=0.1, p=0.57**



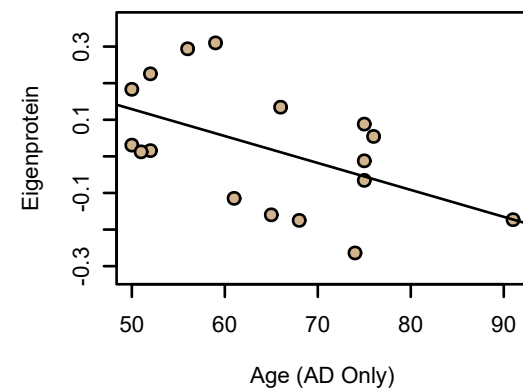
**bicor=-0.064, p=0.73
cor=-0.097, p=0.6**



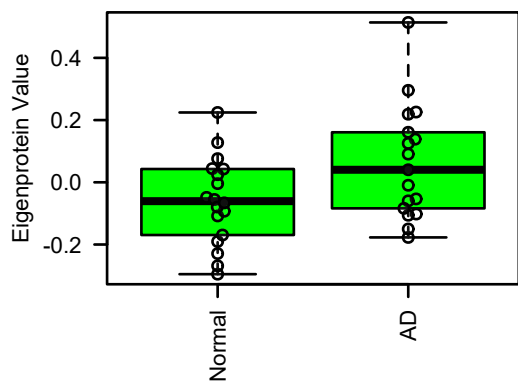
**bicor=-0.43, p=0.076
cor=-0.41, p=0.091**



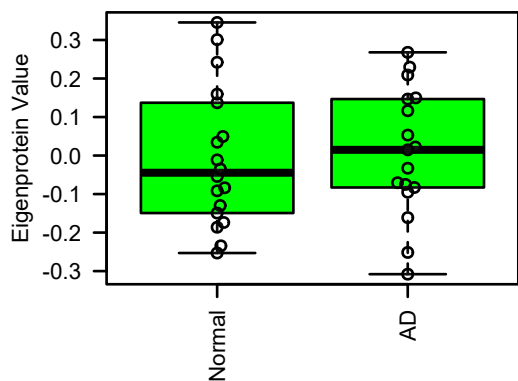
**bicor=-0.52, p=0.031
cor=-0.52, p=0.032**



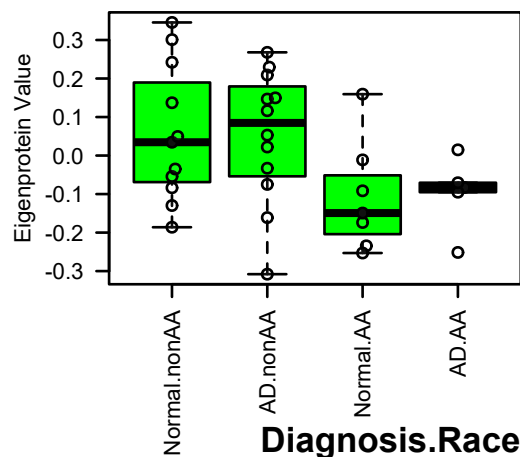
**M5 green.Plasma35
ECM/IGF-PDGF Binding**



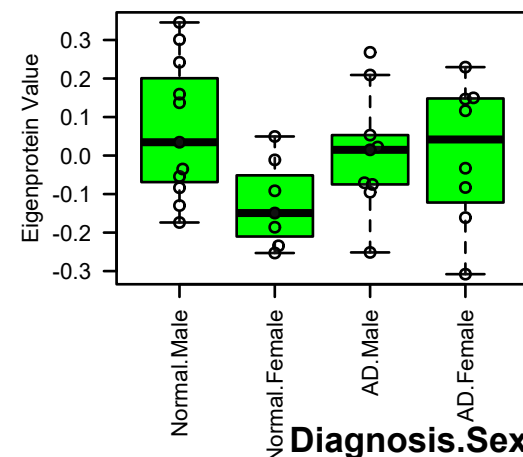
**MEgreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.8**



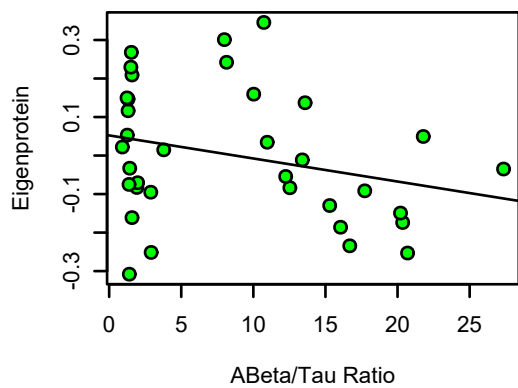
**MEgreen.CSF (Synthetic)
ANOVA p: 0.077**



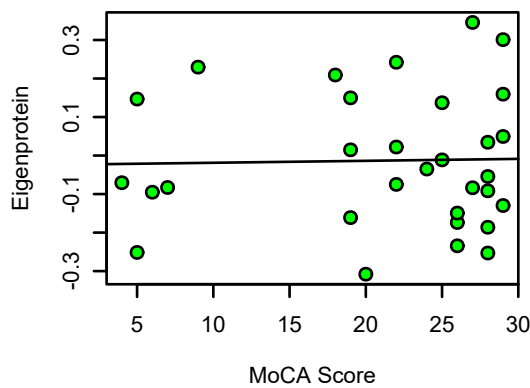
**MEgreen.CSF (Synthetic)
ANOVA p: 0.14**



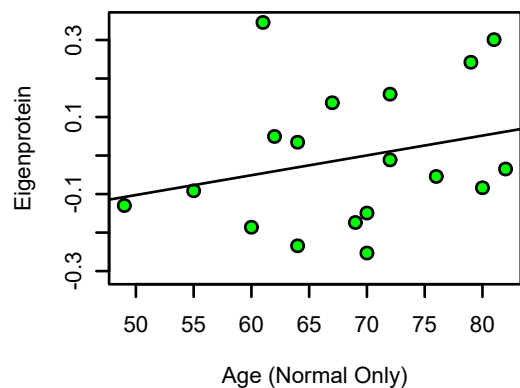
**bicor=-0.27, p=0.12
cor=-0.27, p=0.12**



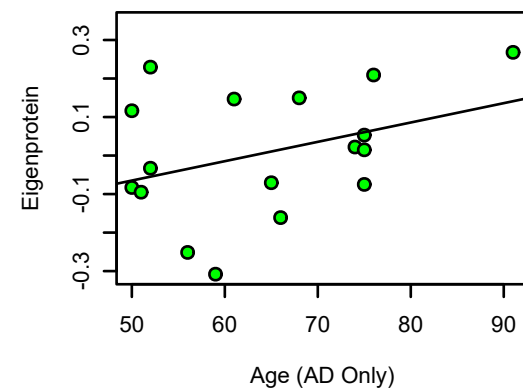
**bicor=-0.12, p=0.52
cor=0.024, p=0.9**



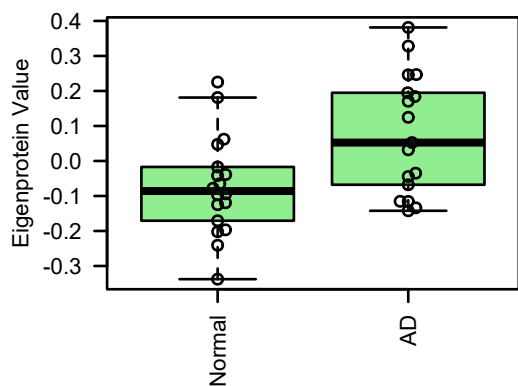
**bicor=0.25, p=0.32
cor=0.26, p=0.3**



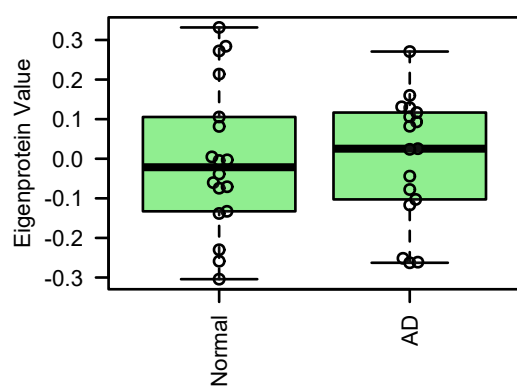
**bicor=0.35, p=0.17
cor=0.36, p=0.16**



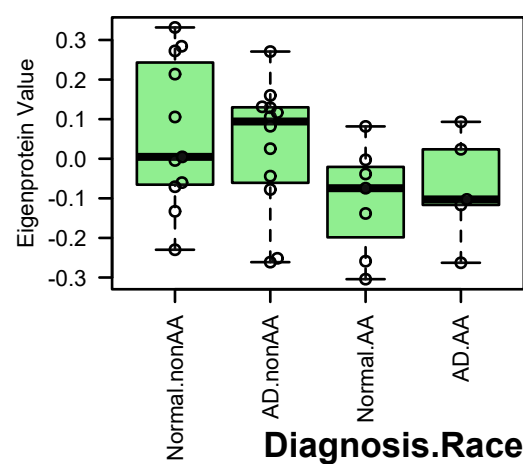
M18 lightgreen.Plasma35
Cellular Adhesion/ECM Organization



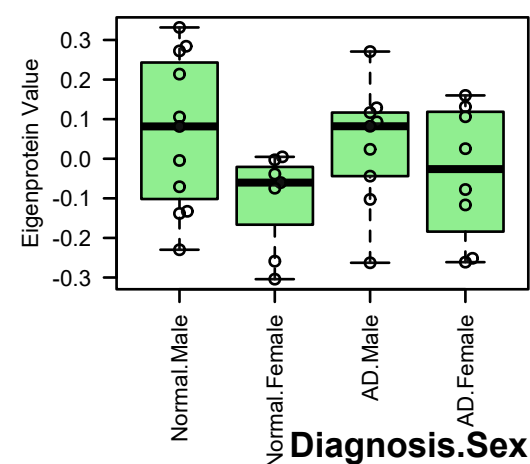
MElightgreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.97



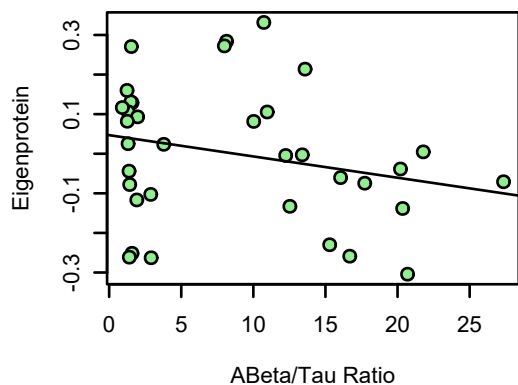
MElightgreen.CSF (Synthetic)
ANOVA p: 0.13



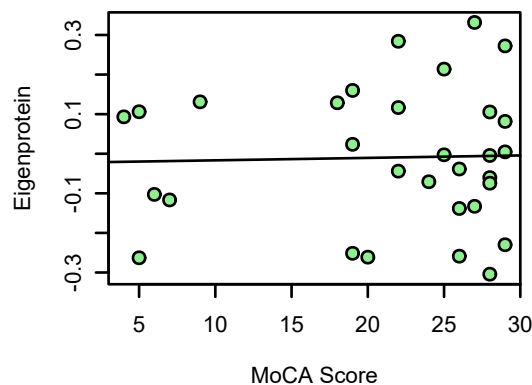
MElightgreen.CSF (Synthetic)
ANOVA p: 0.18



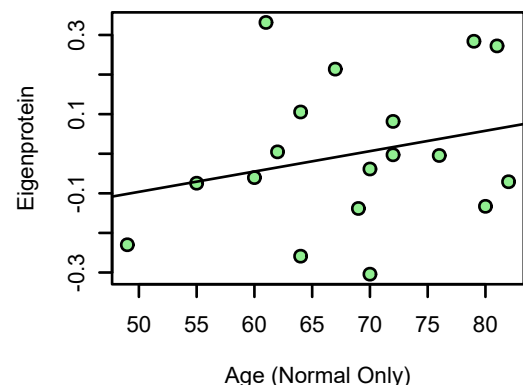
bicor=-0.25, p=0.14
cor=-0.25, p=0.15



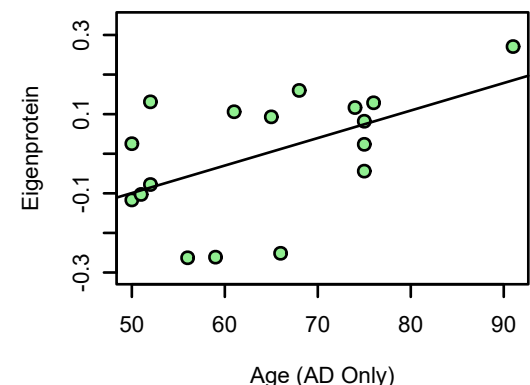
bicor=-0.024, p=0.9
cor=0.03, p=0.87



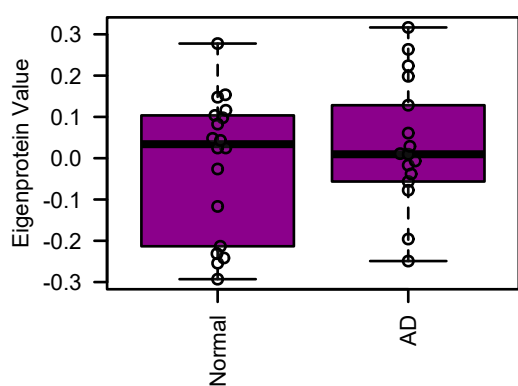
bicor=0.23, p=0.35
cor=0.25, p=0.32



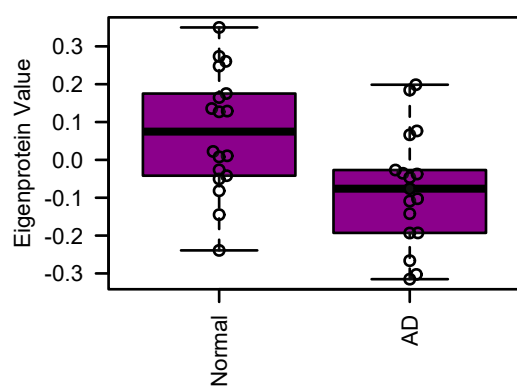
bicor=0.53, p=0.03
cor=0.52, p=0.032



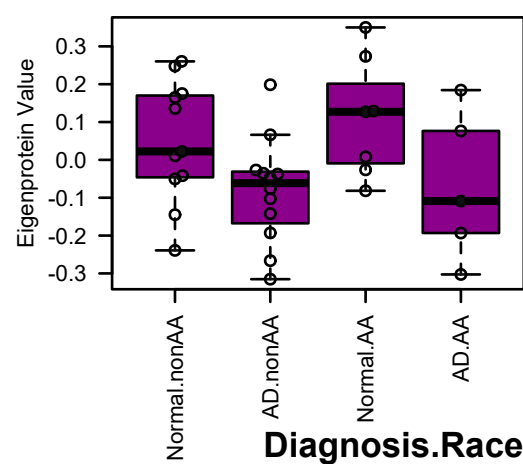
M34 darkmagenta.Plasma35
Carbohydrate Binding



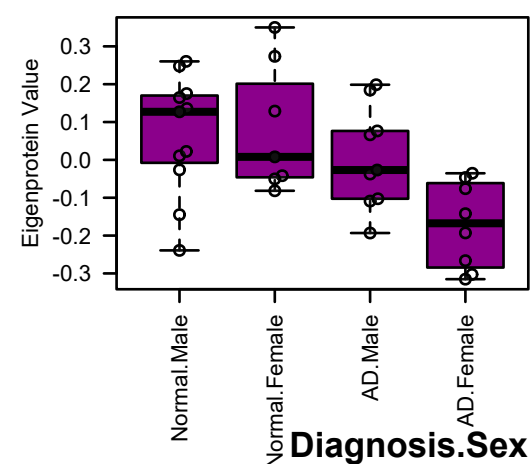
MEdarkmagenta.CSF 35 Samp. (Synthetic)
ANOVA p: 0.0072



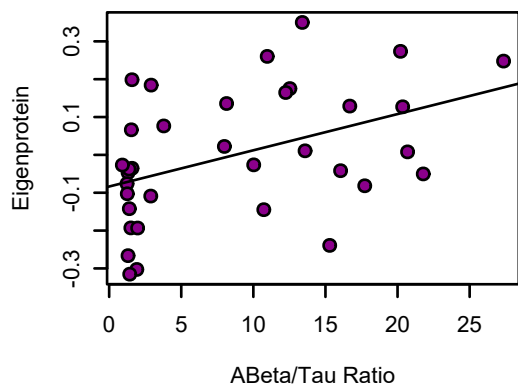
MEdarkmagenta.CSF (Synthetic)
ANOVA p: 0.053



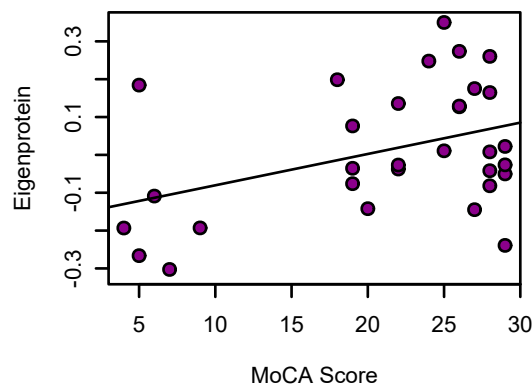
MEdarkmagenta.CSF (Synthetic)
ANOVA p: 0.0049



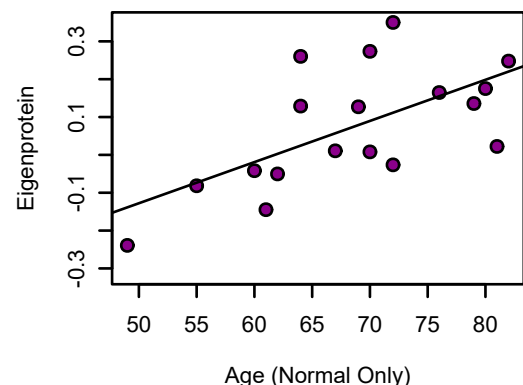
bicor=0.44, p=0.0086
cor=0.44, p=0.0082



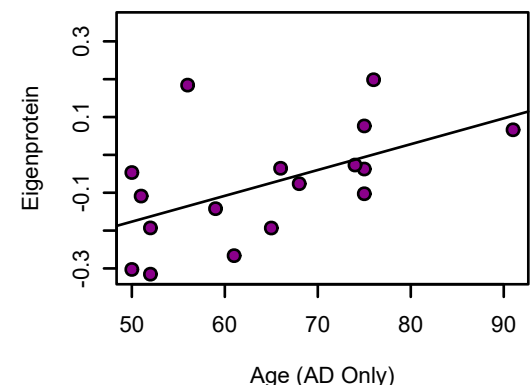
bicor=0.17, p=0.37
cor=0.4, p=0.026



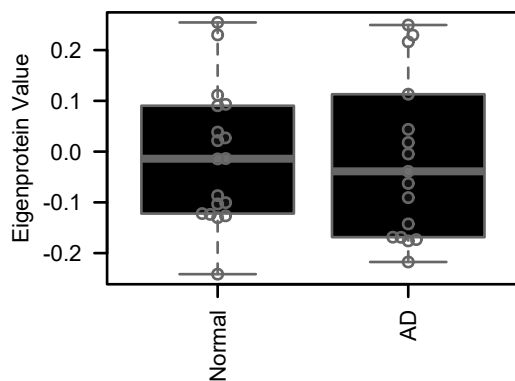
bicor=0.61, p=0.0074
cor=0.63, p=0.0051



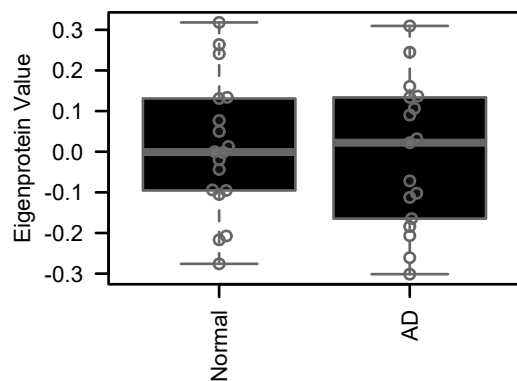
bicor=0.55, p=0.021
cor=0.54, p=0.025



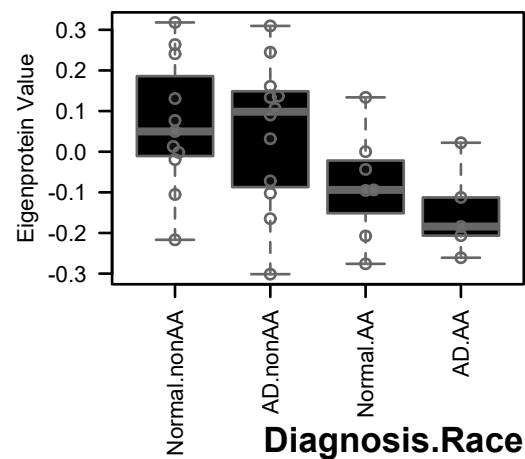
**M7 black.Plasma35
TNF/Ephrin Signaling**



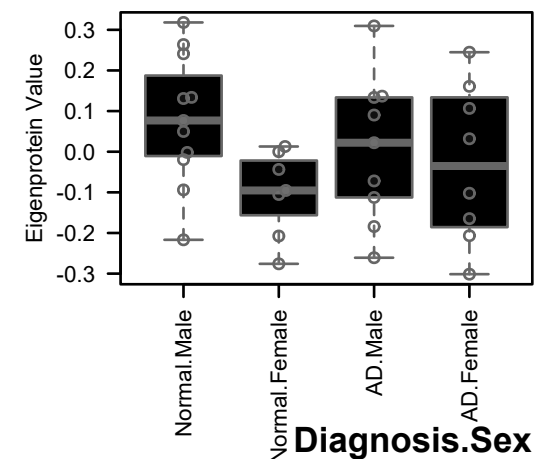
**MEblack.CSF 35 Samp. (Synthetic)
ANOVA p: 0.75**



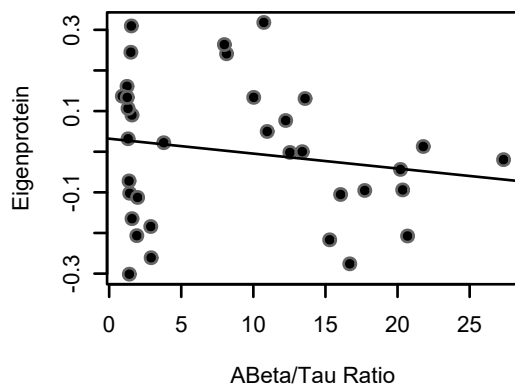
**MEblack.CSF (Synthetic)
ANOVA p: 0.036**



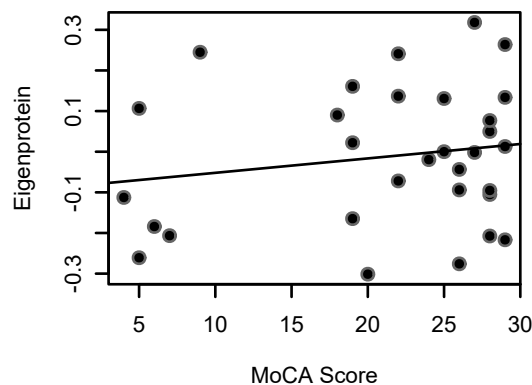
**MEblack.CSF (Synthetic)
ANOVA p: 0.16**



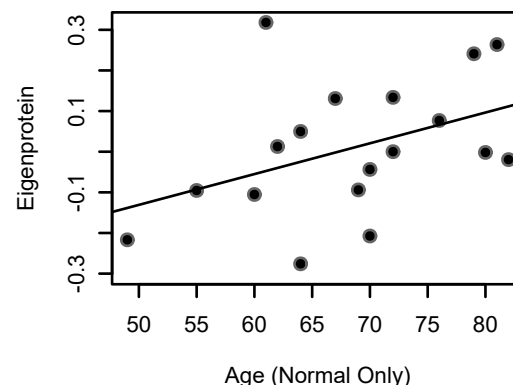
**bicor=-0.17, p=0.32
cor=-0.17, p=0.33**



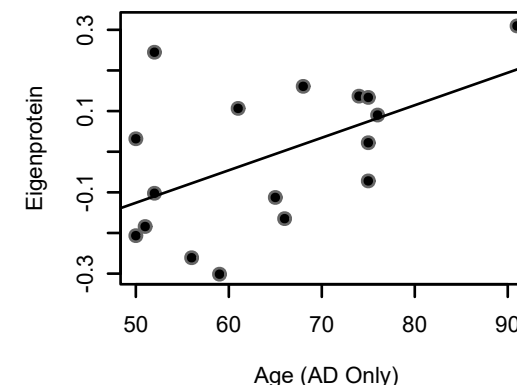
**bicor=0.062, p=0.74
cor=0.17, p=0.36**



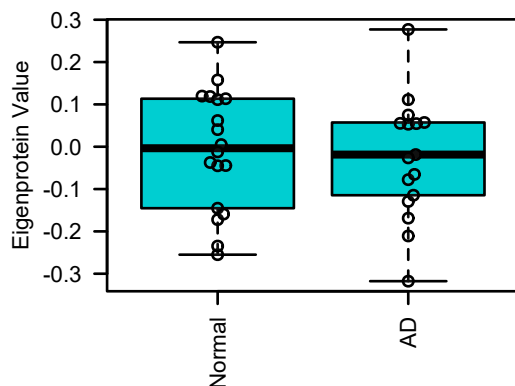
**bicor=0.42, p=0.079
cor=0.42, p=0.083**



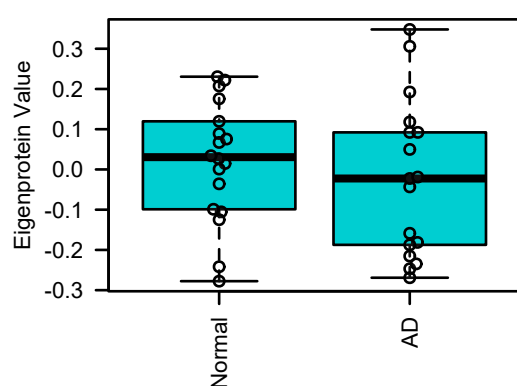
**bicor=0.52, p=0.033
cor=0.53, p=0.029**



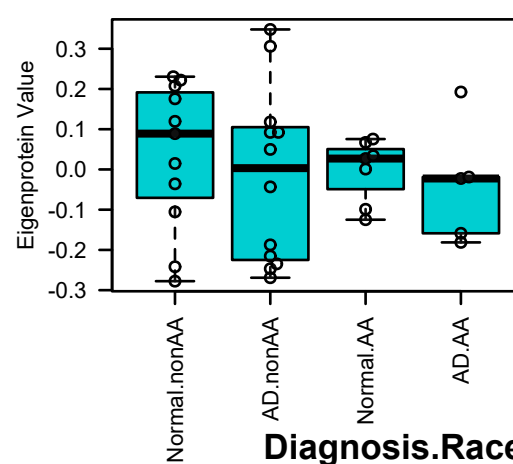
**M23 darkturquoise.Plasma35
Carbohydrate Binding/ECM**



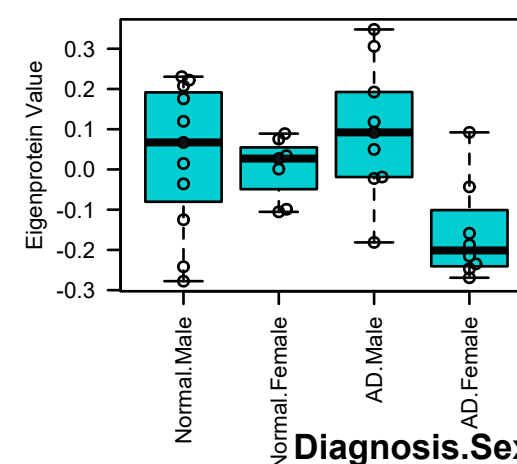
**MEdarkturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.46**



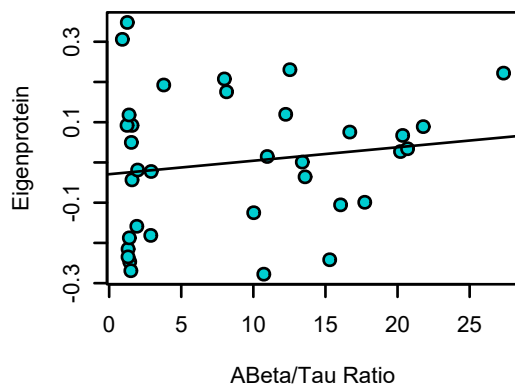
**MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.85**



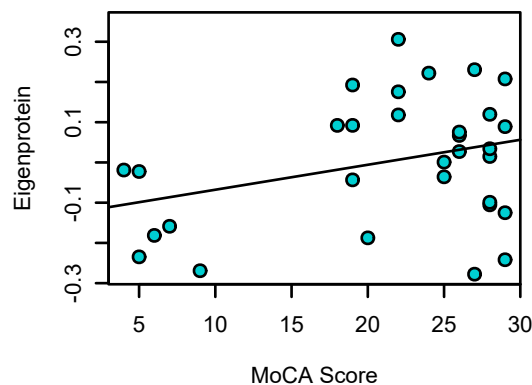
**MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.011**



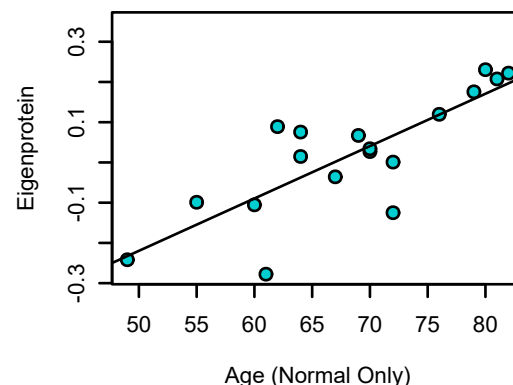
**bicor=0.14, p=0.41
cor=0.15, p=0.39**



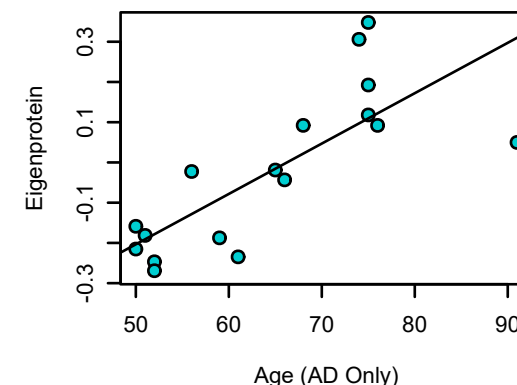
**bicor=0.099, p=0.6
cor=0.32, p=0.079**



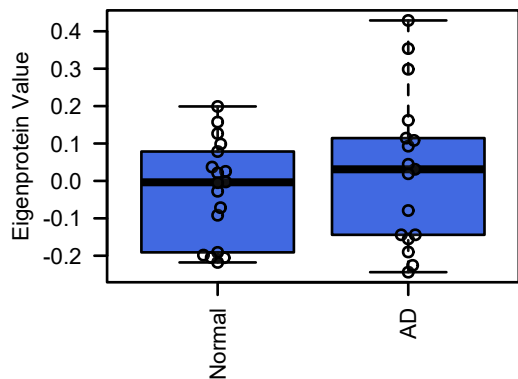
**bicor=0.8, p=5.8e-05
cor=0.81, p=4.6e-05**



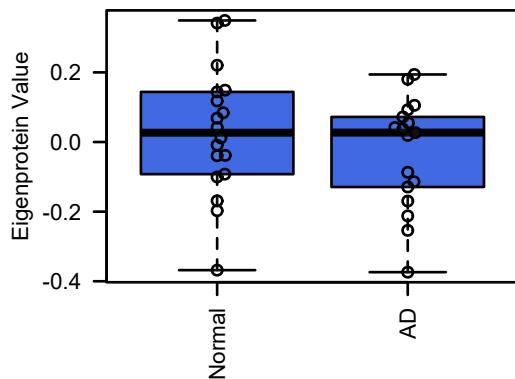
**bicor=0.81, p=8.7e-05
cor=0.77, p=3e-04**



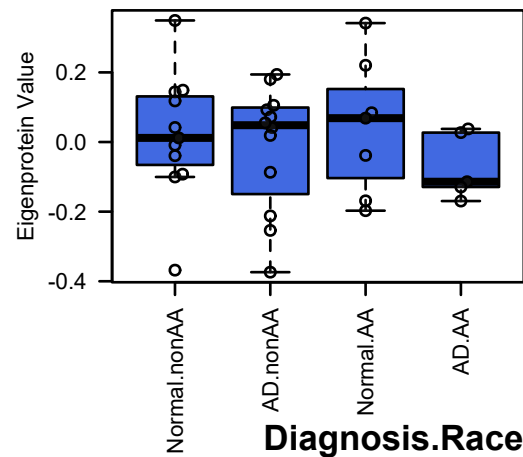
**M20 royalblue.Plasma35
Digestion**



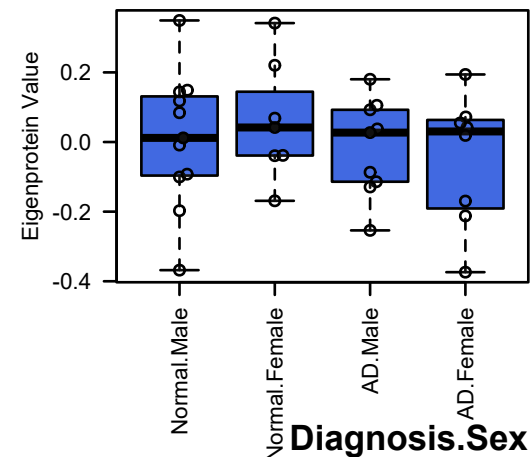
**MEroyalblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.32**



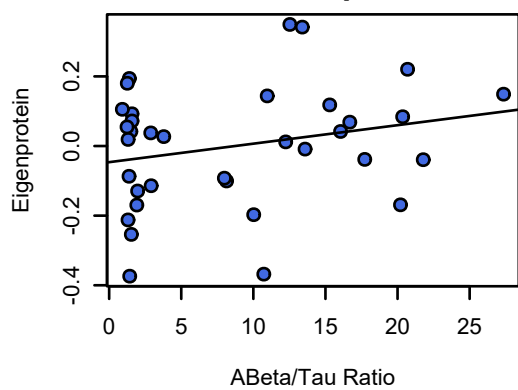
**MEroyalblue.CSF (Synthetic)
ANOVA p: 0.7**



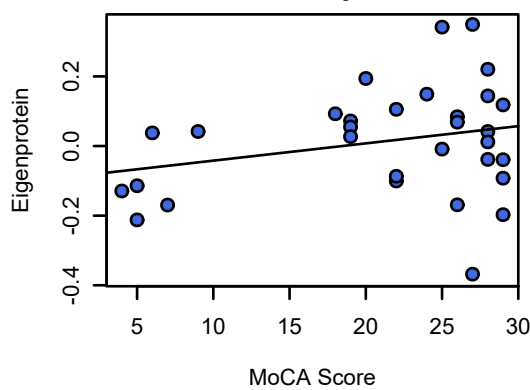
**MEroyalblue.CSF (Synthetic)
ANOVA p: 0.68**



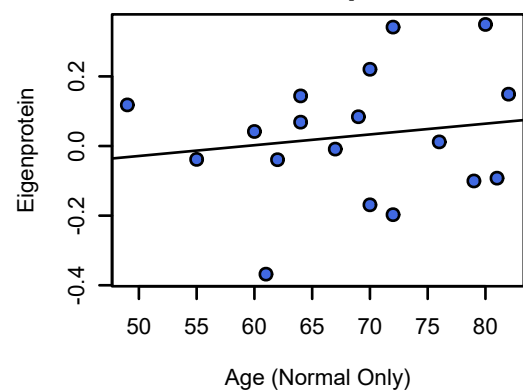
**bicor=0.23, p=0.19
cor=0.24, p=0.16**



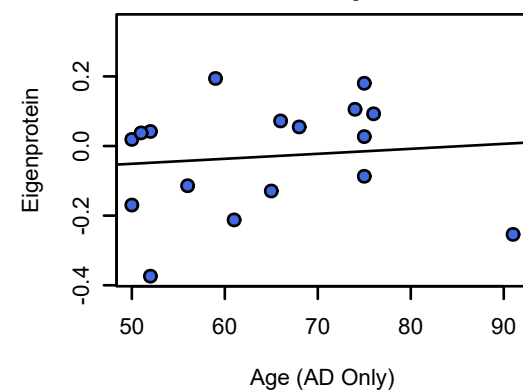
**bicor=0.084, p=0.65
cor=0.26, p=0.16**



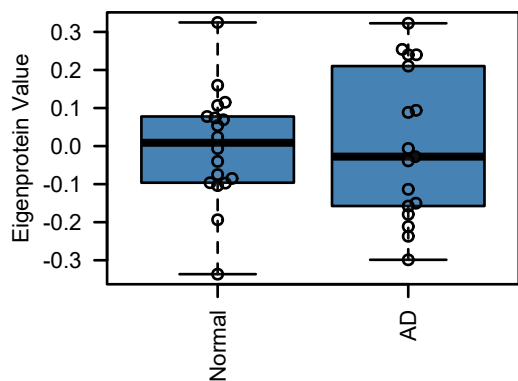
**bicor=0.14, p=0.59
cor=0.16, p=0.53**



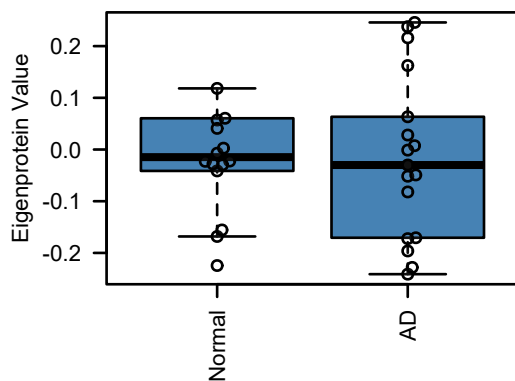
**bicor=0.14, p=0.58
cor=0.11, p=0.67**



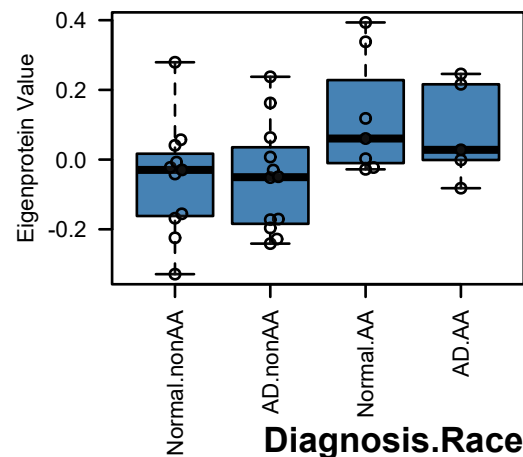
**M30 steelblue.Plasma35
Ambiguous**



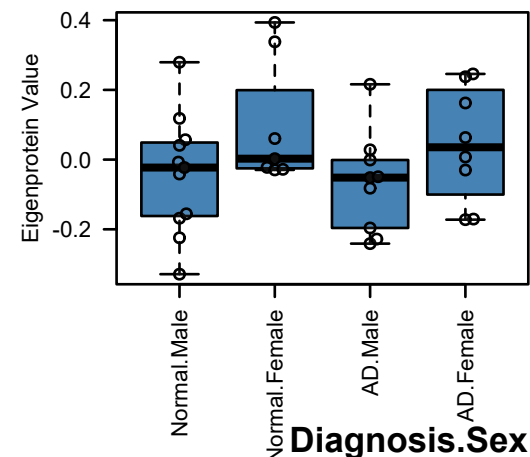
**MEsteelblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.61**



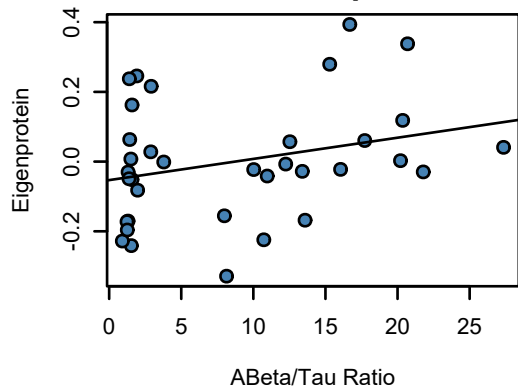
**MEsteelblue.CSF (Synthetic)
ANOVA p: 0.06**



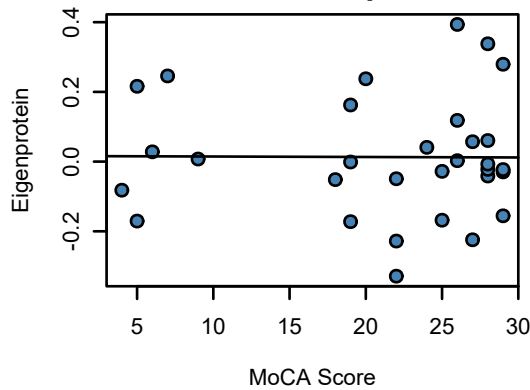
**MEsteelblue.CSF (Synthetic)
ANOVA p: 0.17**



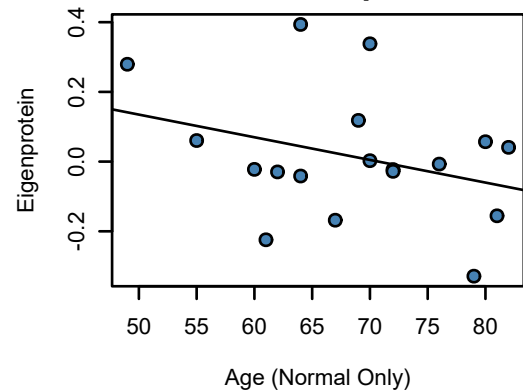
**bicor=0.27, p=0.12
cor=0.28, p=0.1**



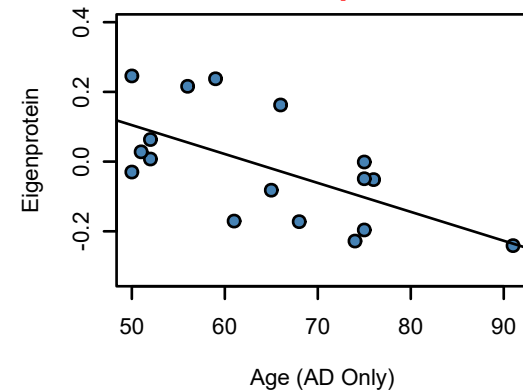
**bicor=0.0048, p=0.98
cor=-0.0065, p=0.97**



**bicor=-0.28, p=0.26
cor=-0.32, p=0.2**



**bicor=-0.62, p=0.0073
cor=-0.62, p=0.0079**



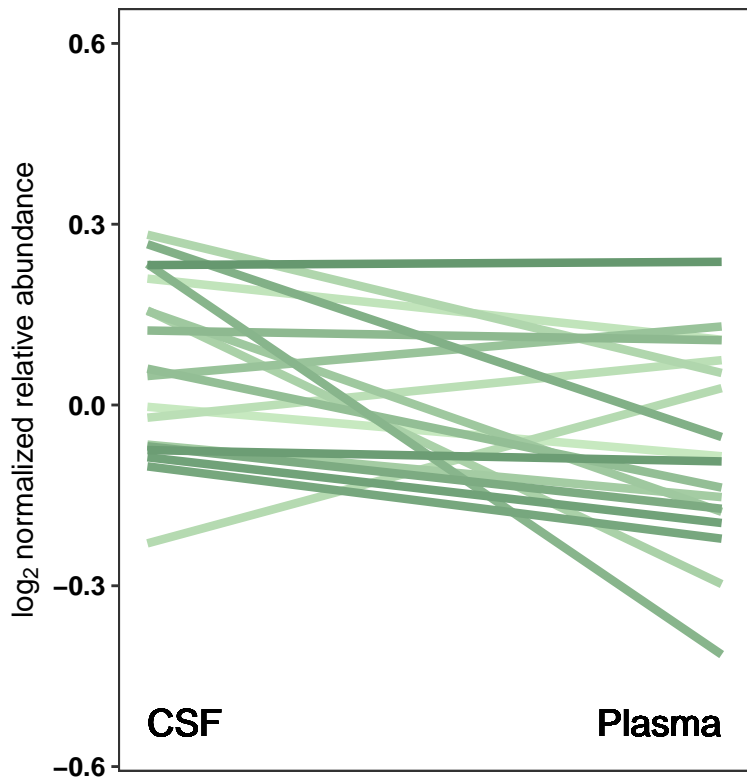
Data Subset:

Plasma 32 of 35 modules as template

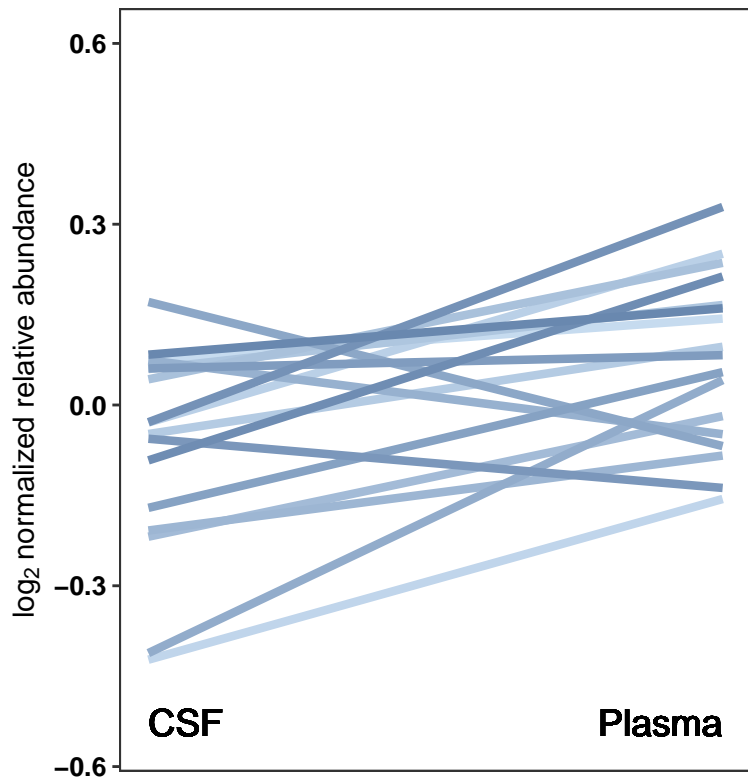
M16 lightcyan: Complement/Protein Activation Cascade

slopeDiff(AD-CT): 0.272

Normal:



AD:

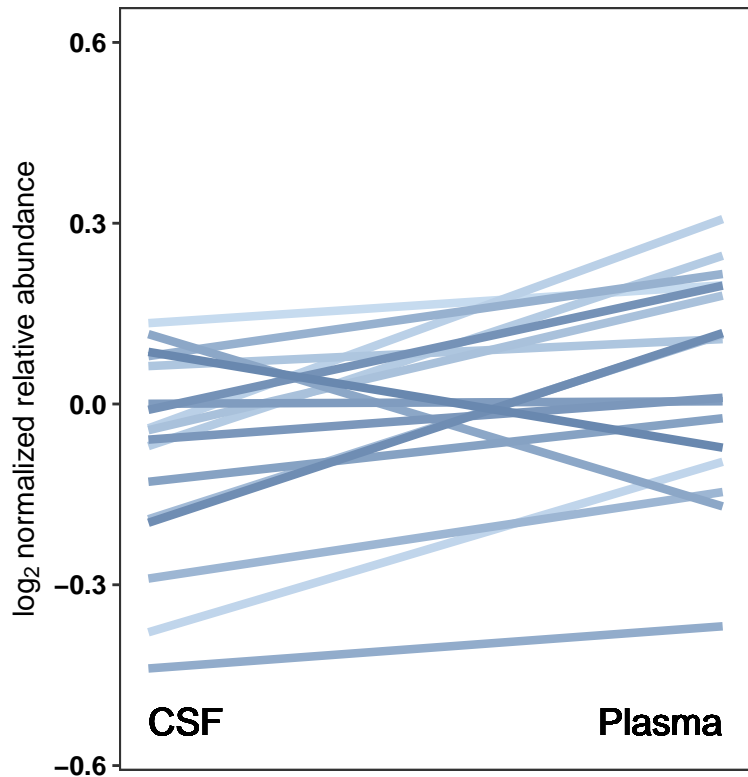
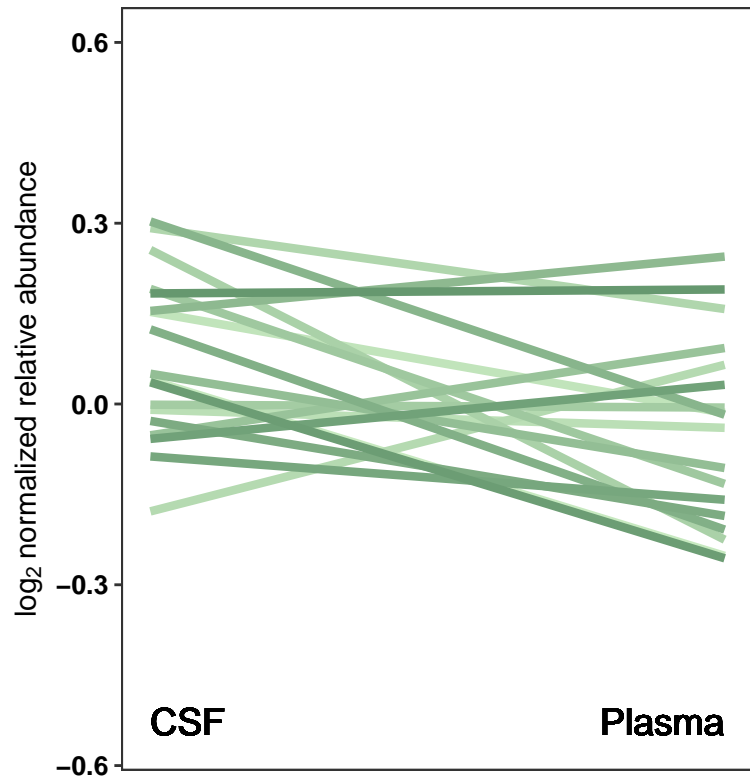


M8 pink: Protein Activation Cascade

slopeDiff(AD-CT): 0.25

Normal:

AD:

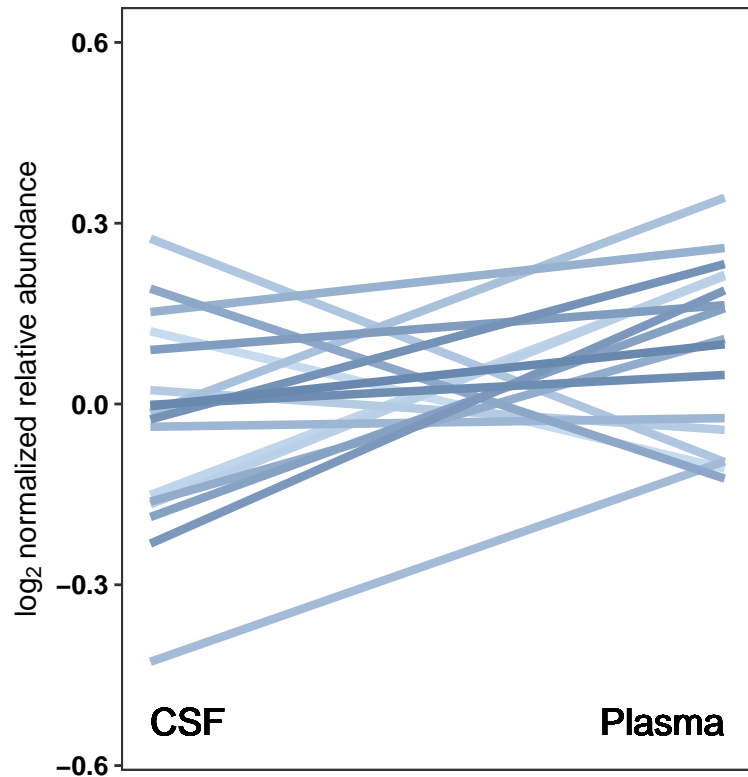
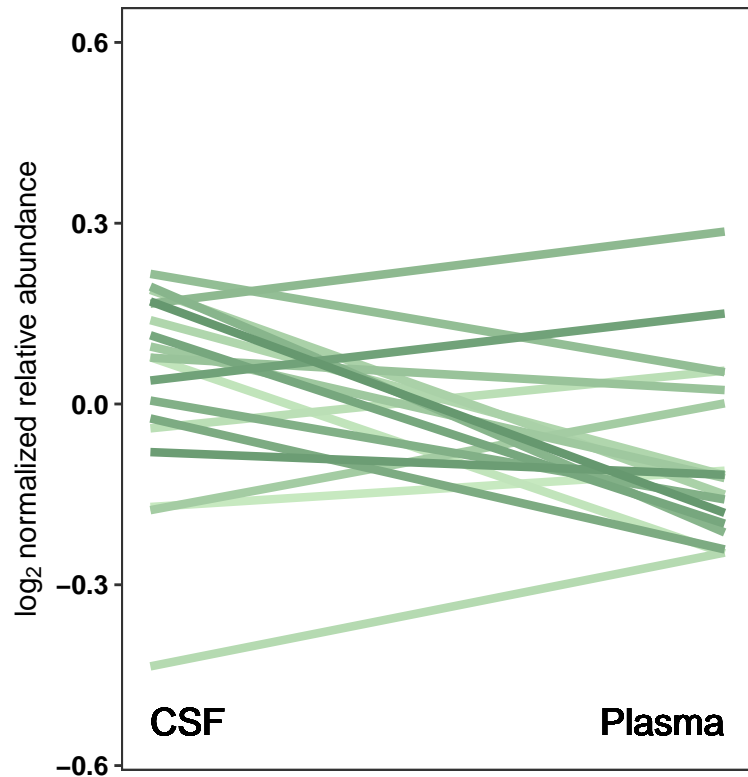


M27 white: Collagen/ECM

slopeDiff(AD-CT): 0.24

Normal:

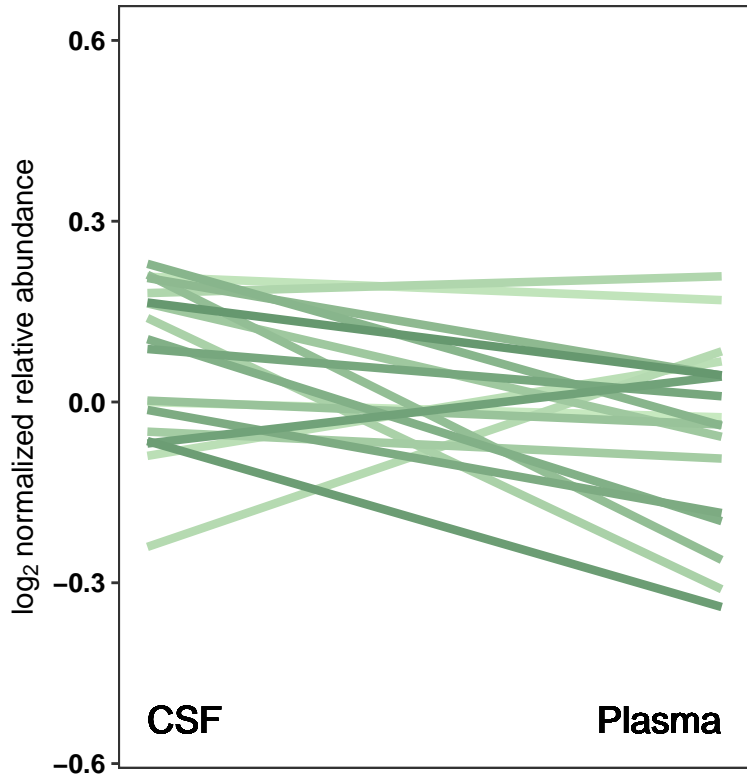
AD:



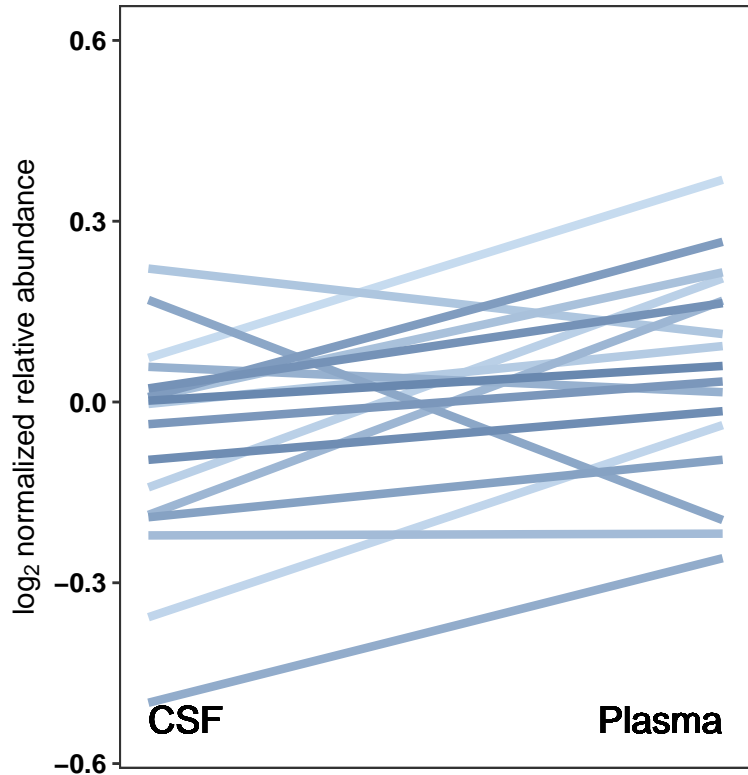
M22 darkgreen: Protein Activation Cascade/Proteolysis

slopeDiff(AD-CT): 0.235

Normal:



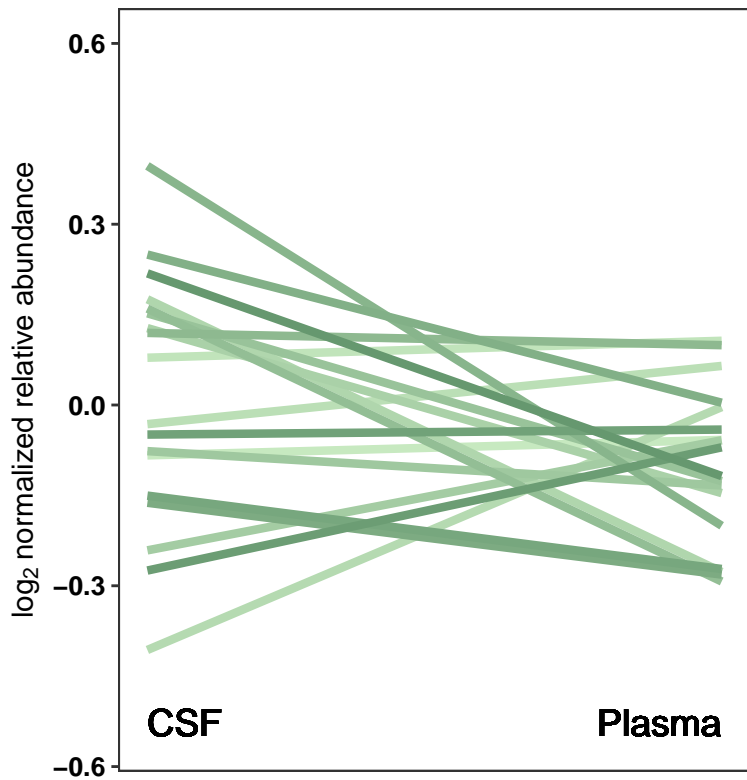
AD:



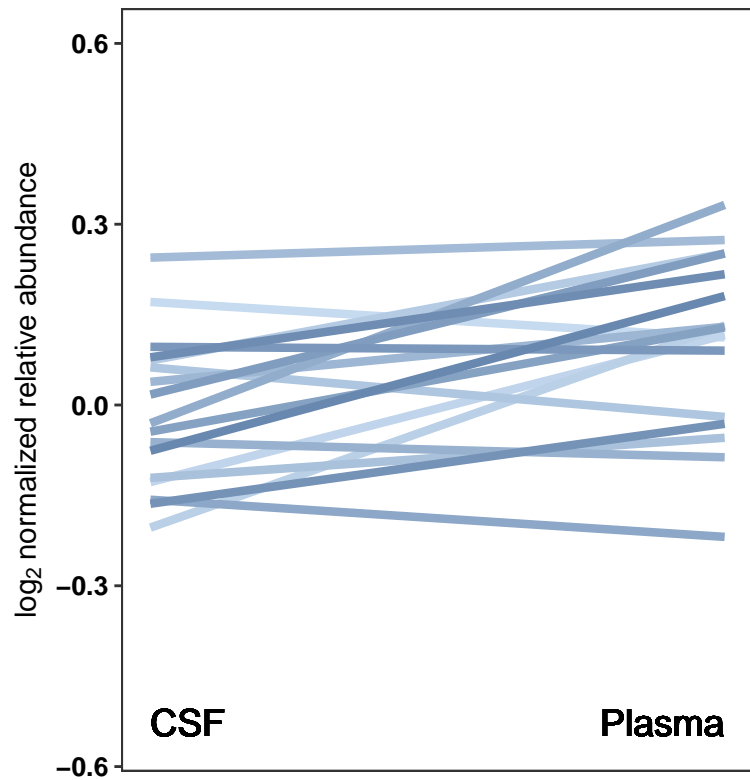
M24 darkgrey: Endocytosis

slopeDiff(AD-CT): 0.229

Normal:



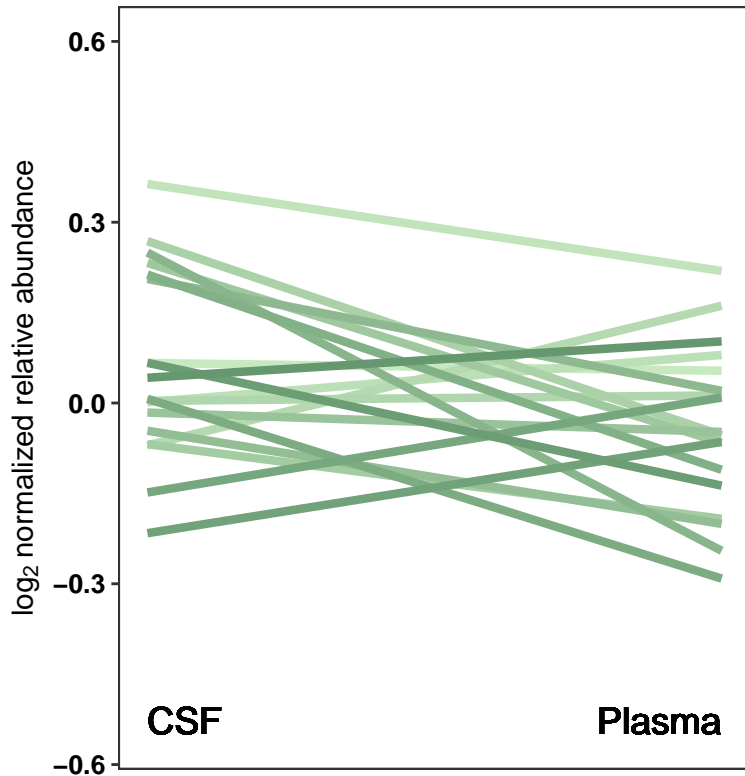
AD:



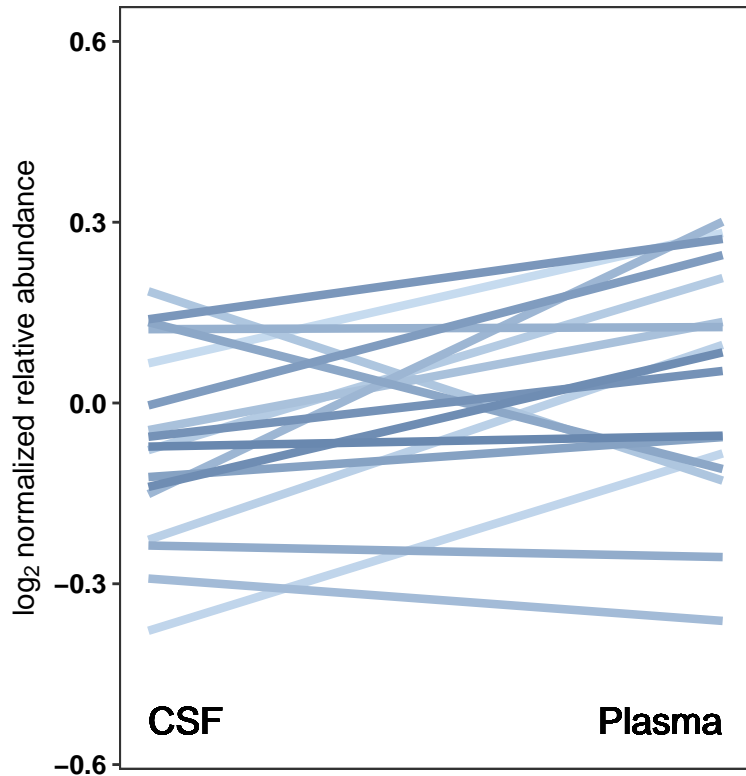
M35 sienna3: Ambiguous

slopeDiff(AD-CT): 0.218

Normal:



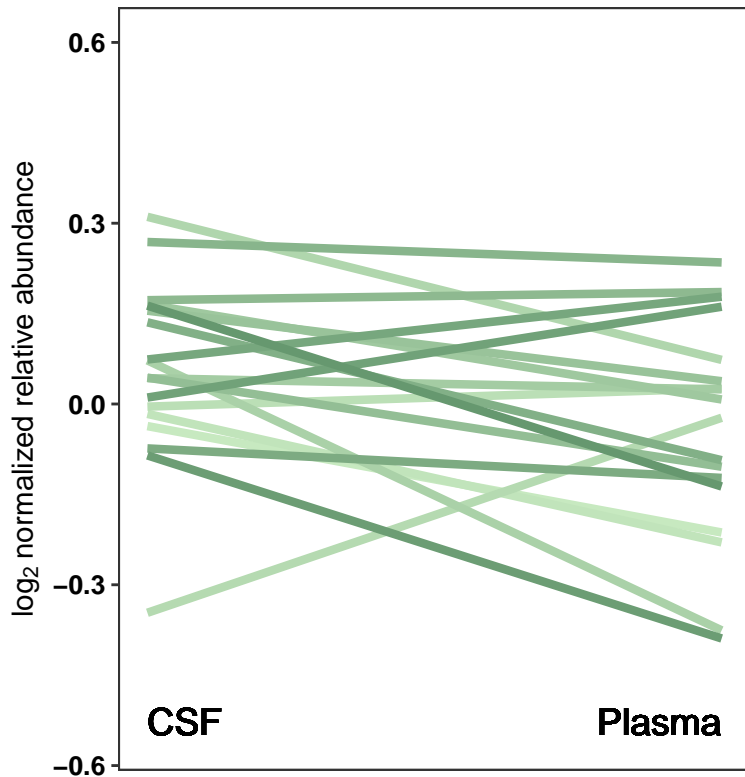
AD:



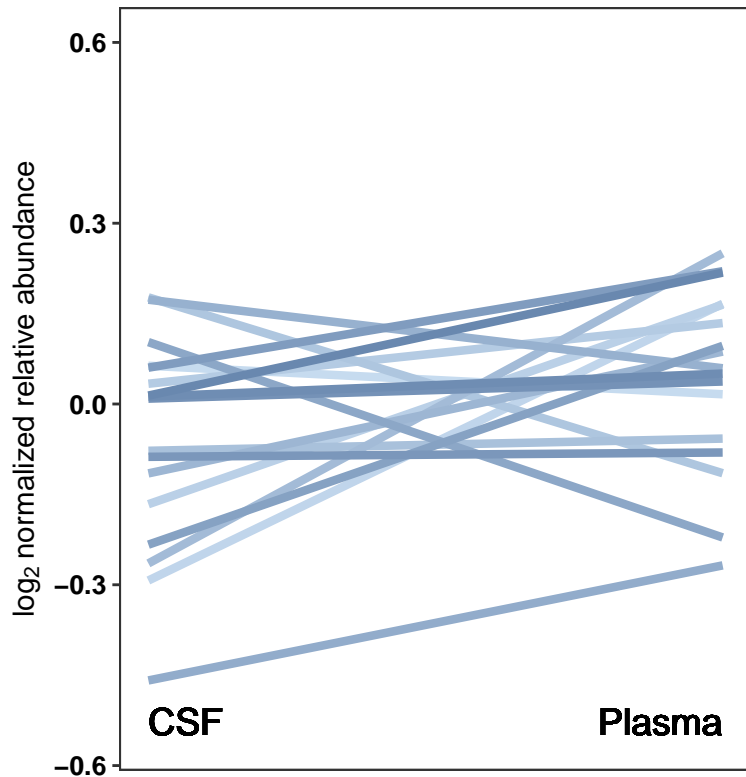
M29 saddlebrown: IGF-Growth/GAG Binding

slopeDiff(AD-CT): 0.207

Normal:



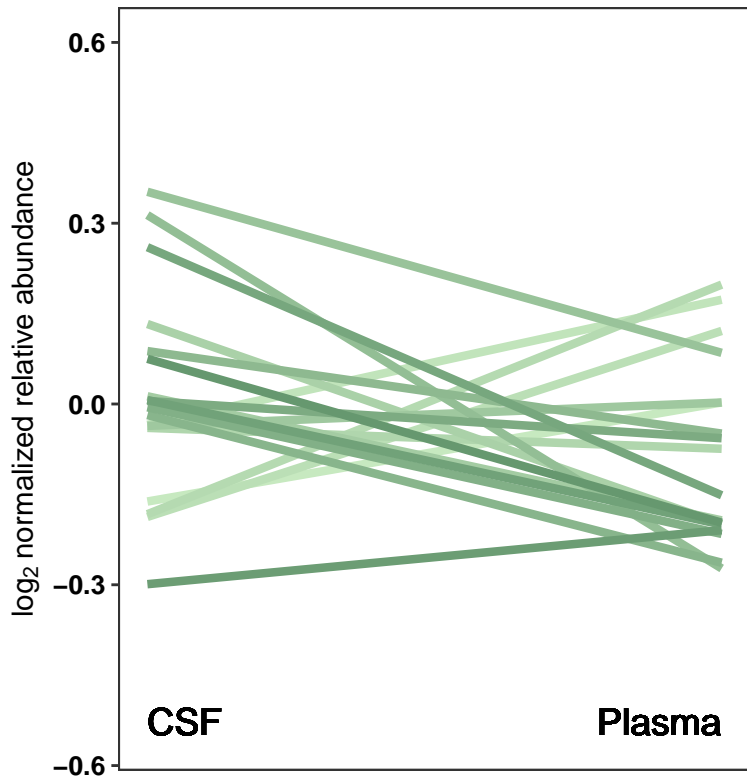
AD:



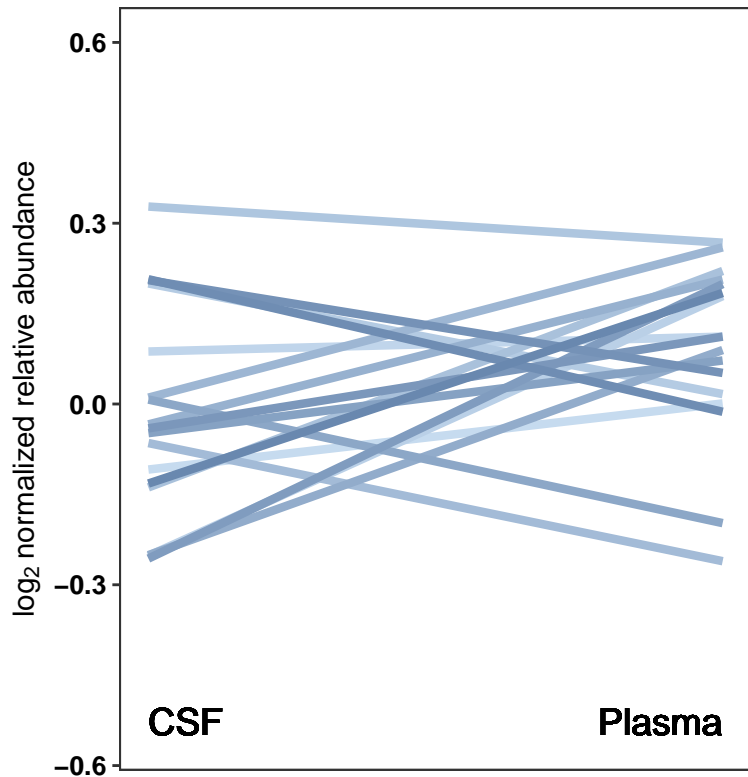
M10 purple: Ambiguous

slopeDiff(AD-CT): 0.204

Normal:



AD:

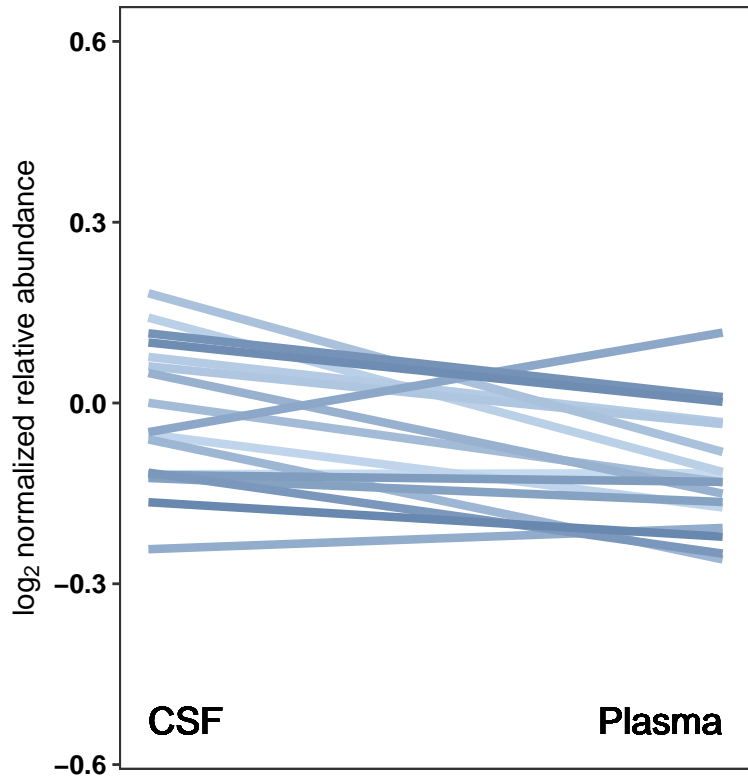
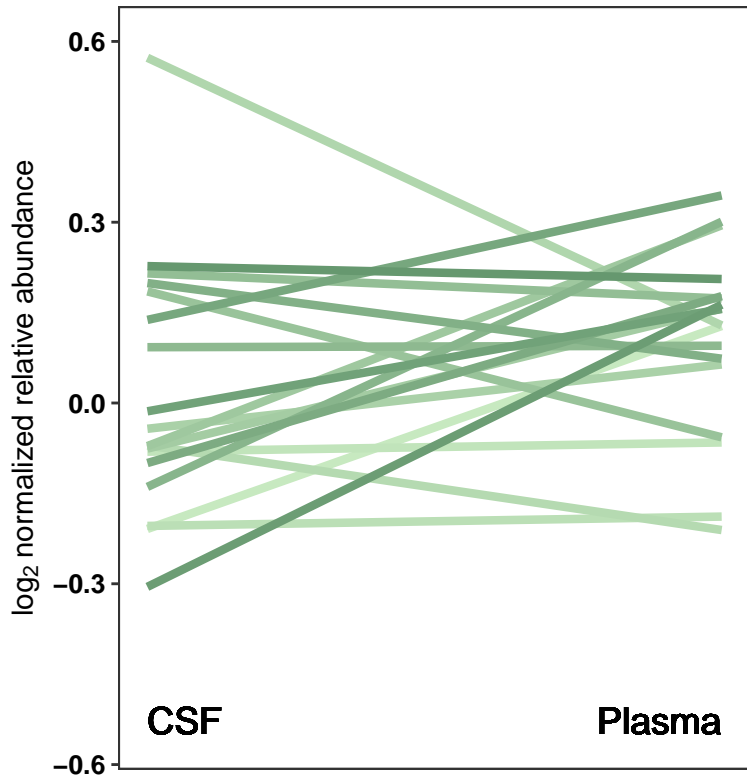


M1 turquoise: Cellular Metabolism/Intracellular Transport

slopeDiff(AD-CT): -0.185

Normal:

AD:

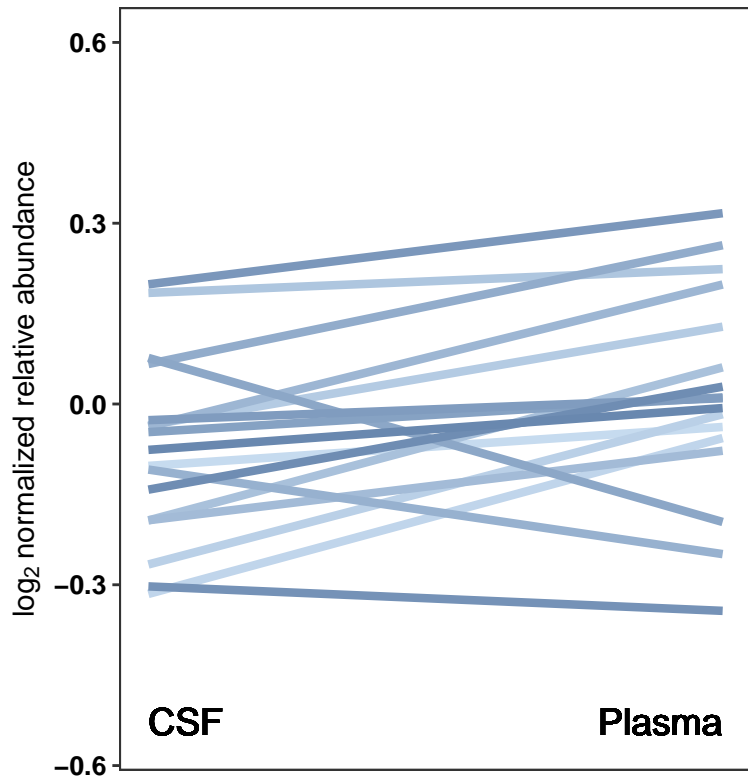
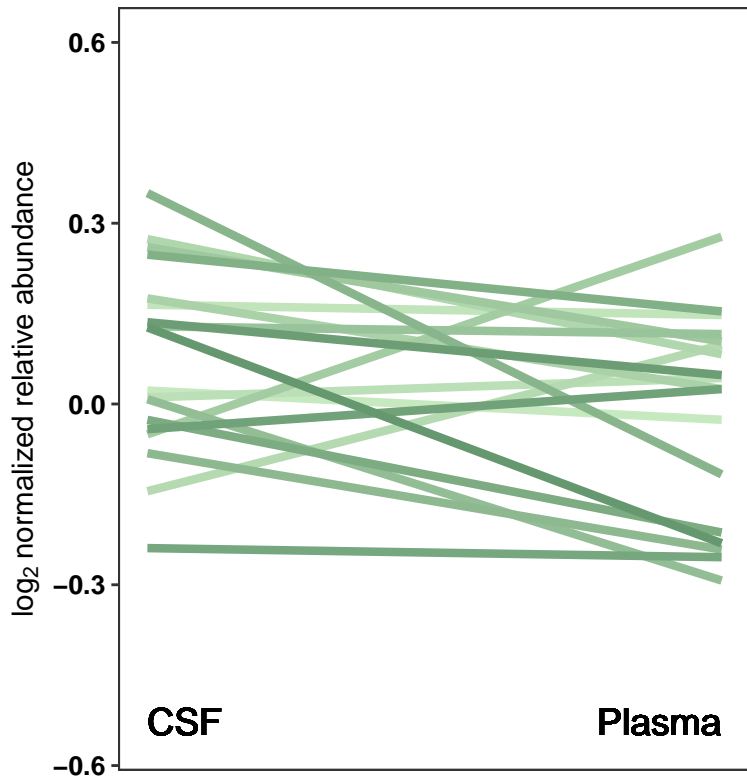


M34 darkmagenta: Carbohydrate Binding

slopeDiff(AD-CT): 0.18

Normal:

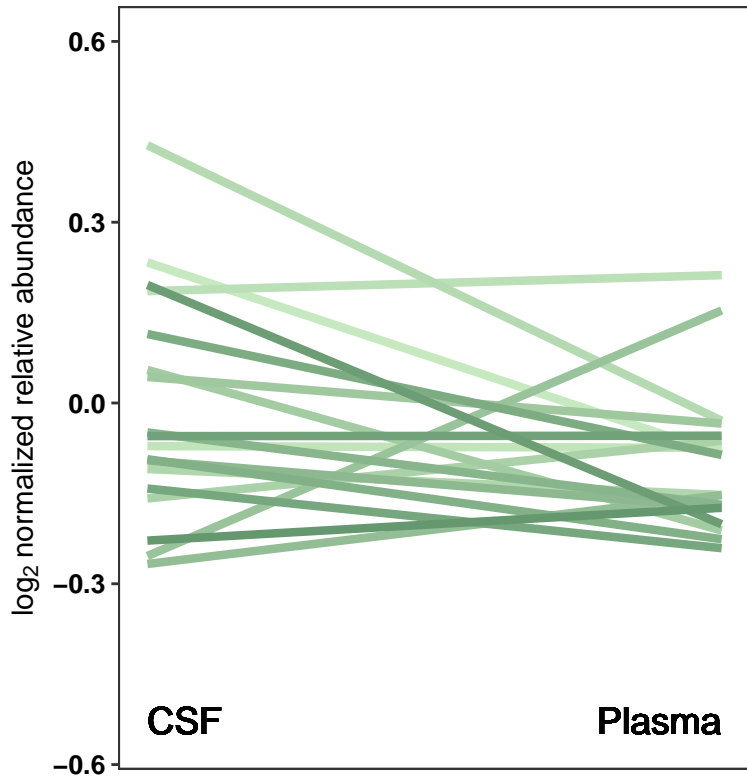
AD:



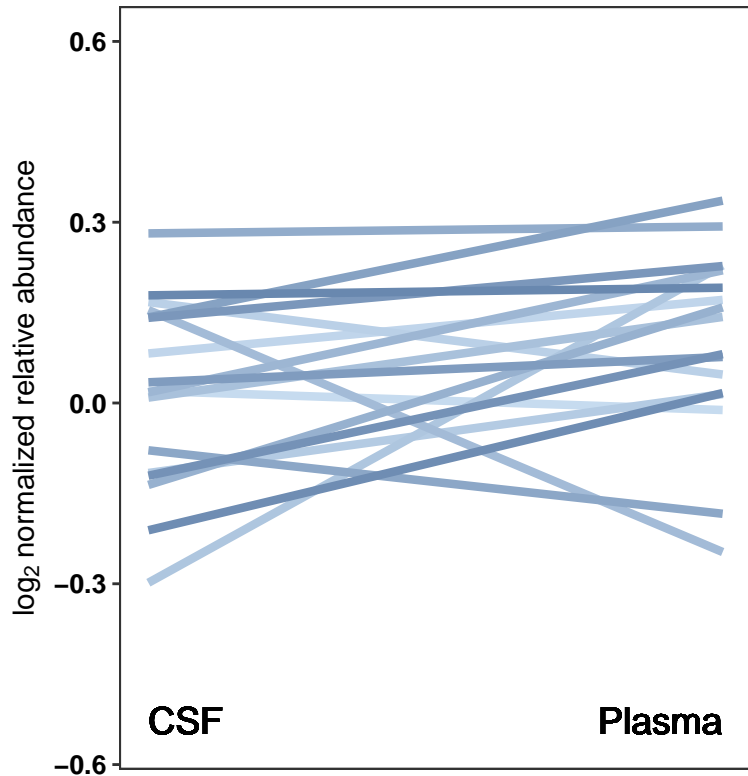
M6 red: Axon Guidance/Nervous System Dev

slopeDiff(AD-CT): 0.171

Normal:



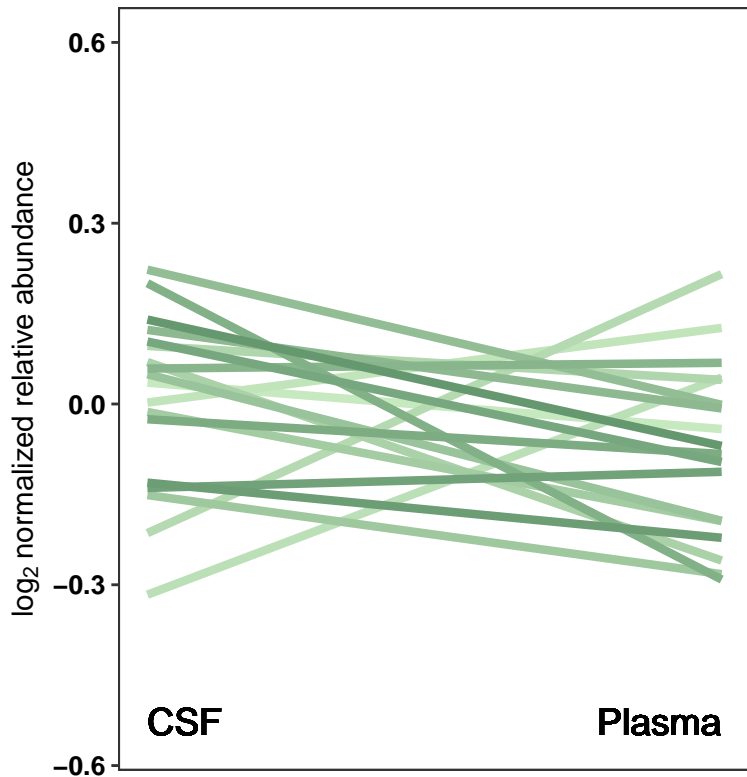
AD:



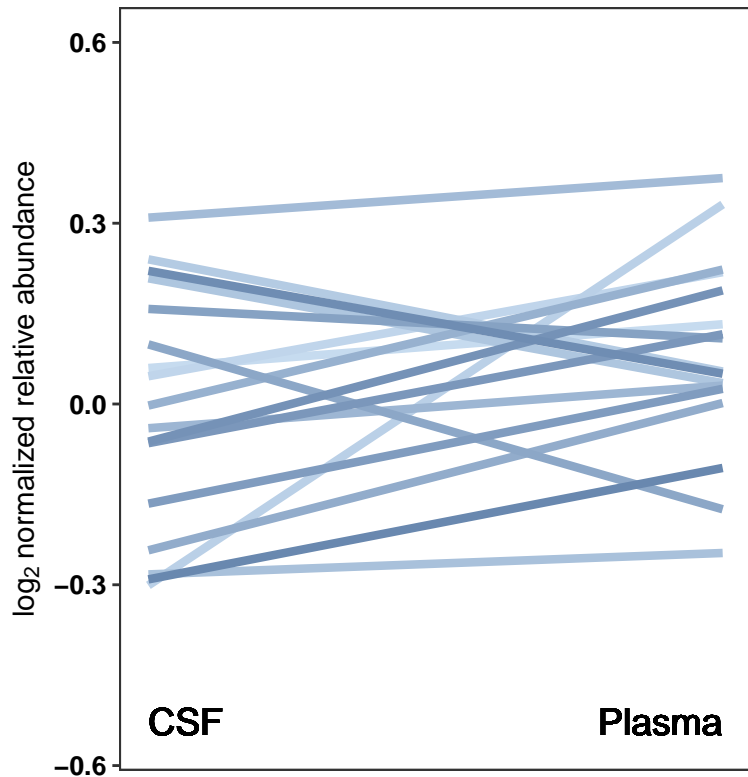
M28 skyblue: Complement/Humoral Immune Response

slopeDiff(AD-CT): 0.169

Normal:



AD:

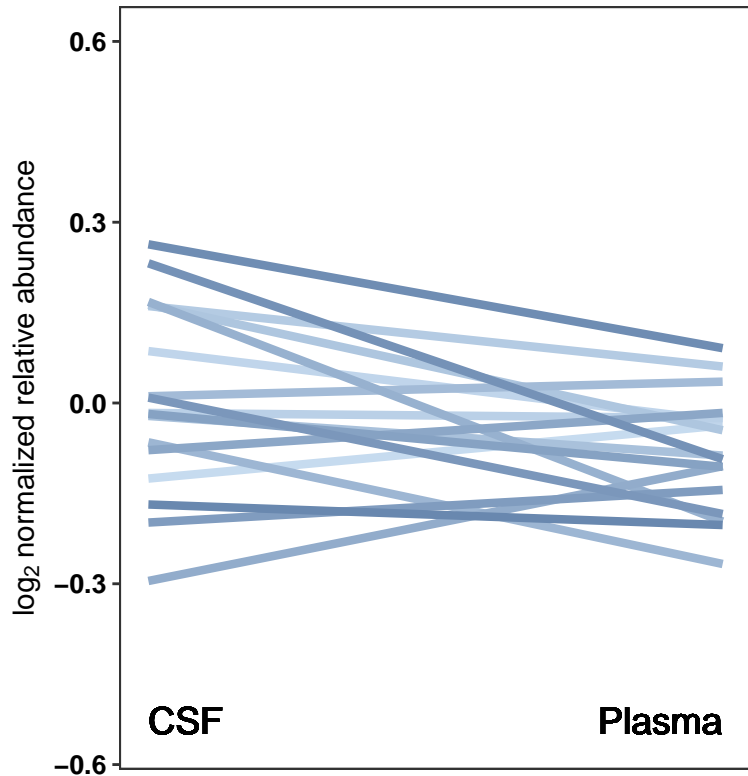
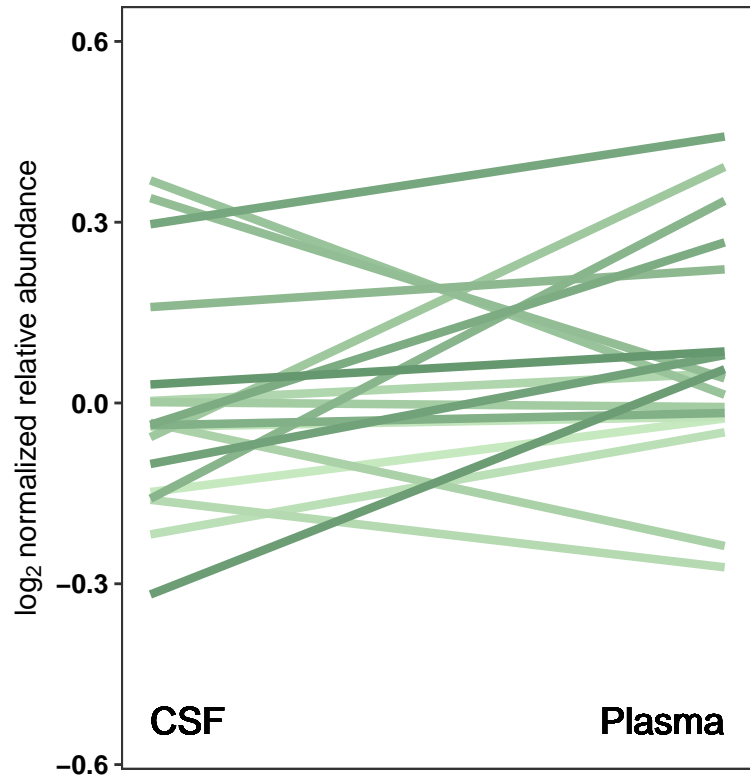


M2 blue: Ambiguous

slopeDiff(AD-CT): -0.167

Normal:

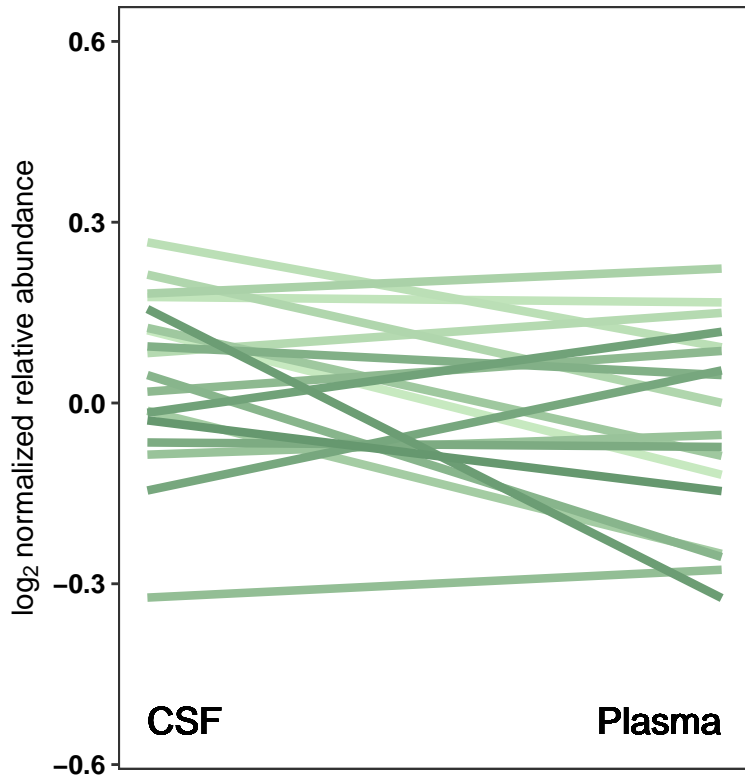
AD:



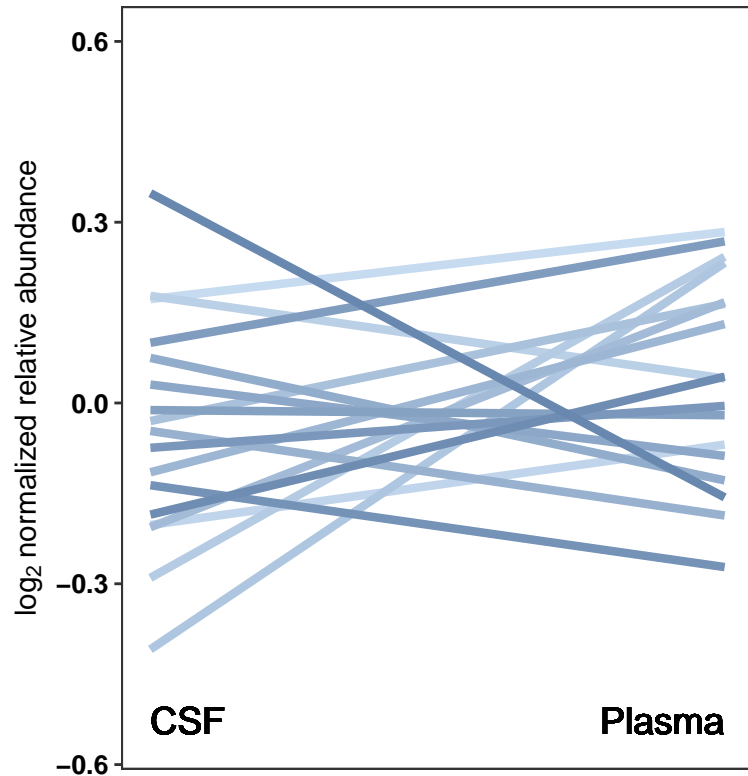
M32 violet: Lipoprotein Metabolism

slopeDiff(AD-CT): 0.166

Normal:



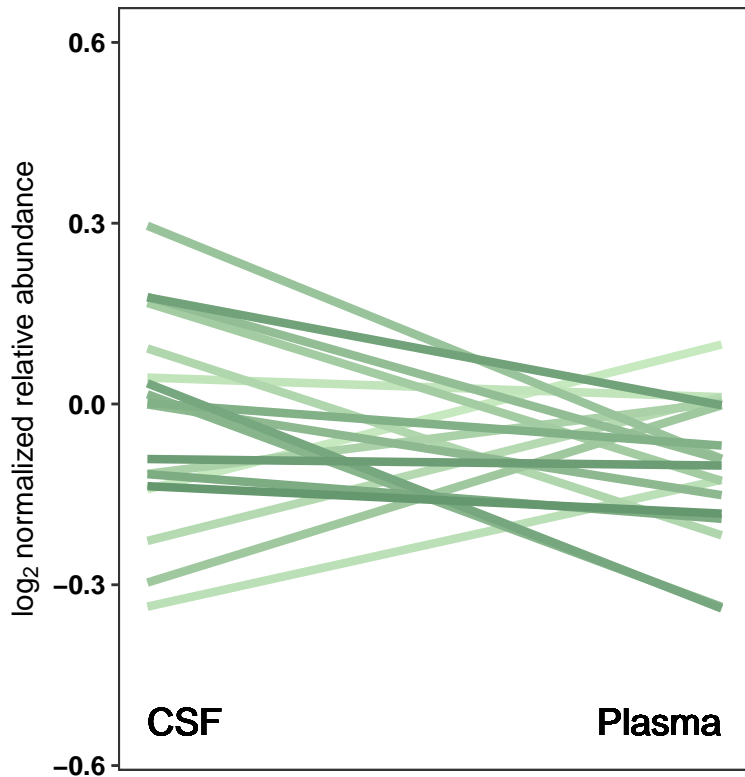
AD:



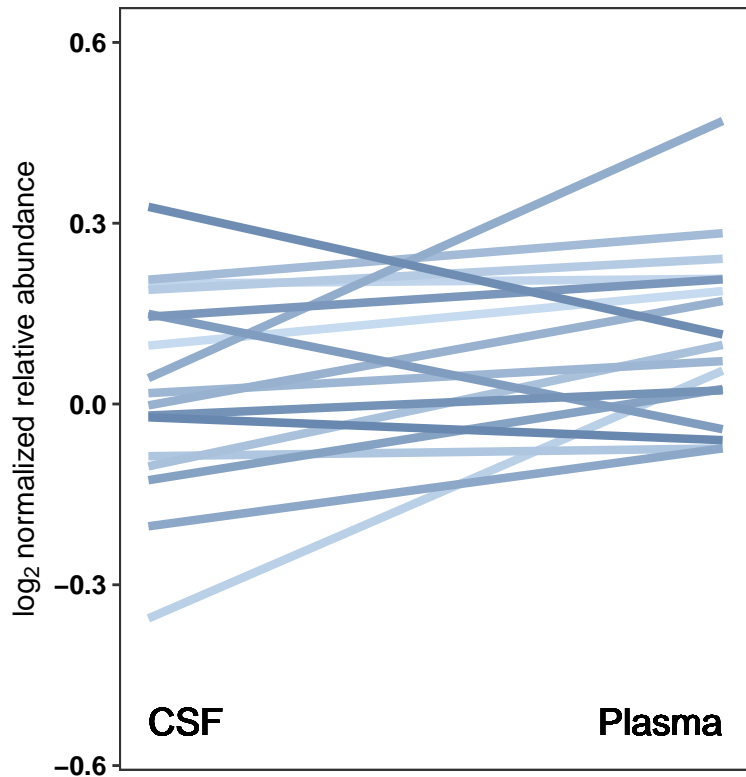
M33 darkolivegreen: Adhesion/ECM/Wound Response

slopeDiff(AD-CT): 0.166

Normal:



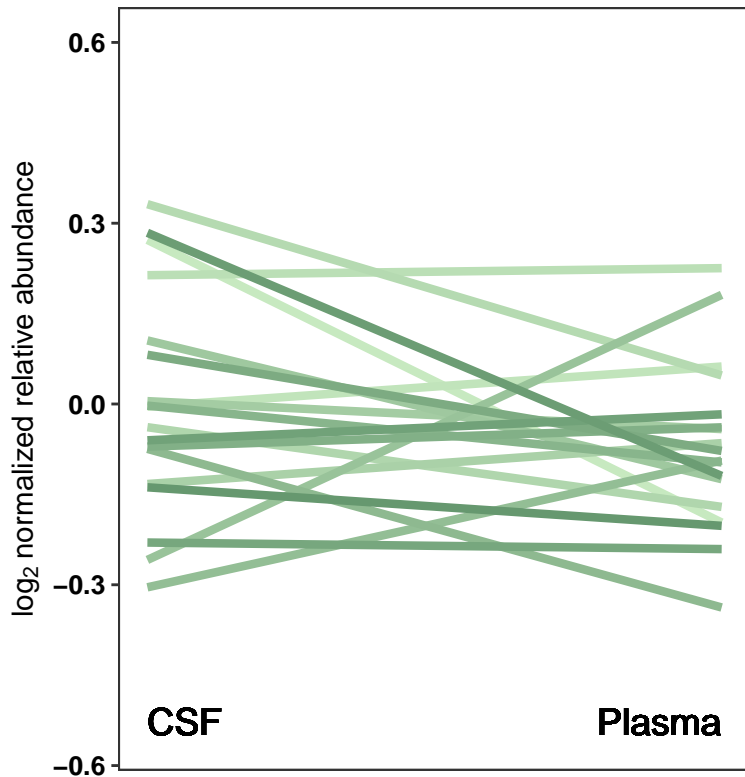
AD:



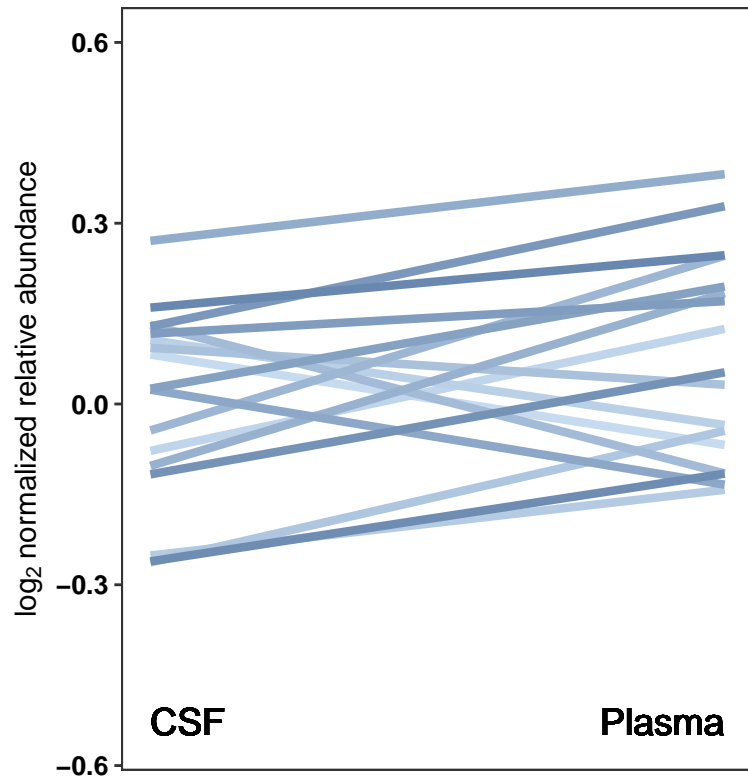
M18 lightgreen: Cellular Adhesion/ECM Organization

slopeDiff(AD-CT): 0.147

Normal:



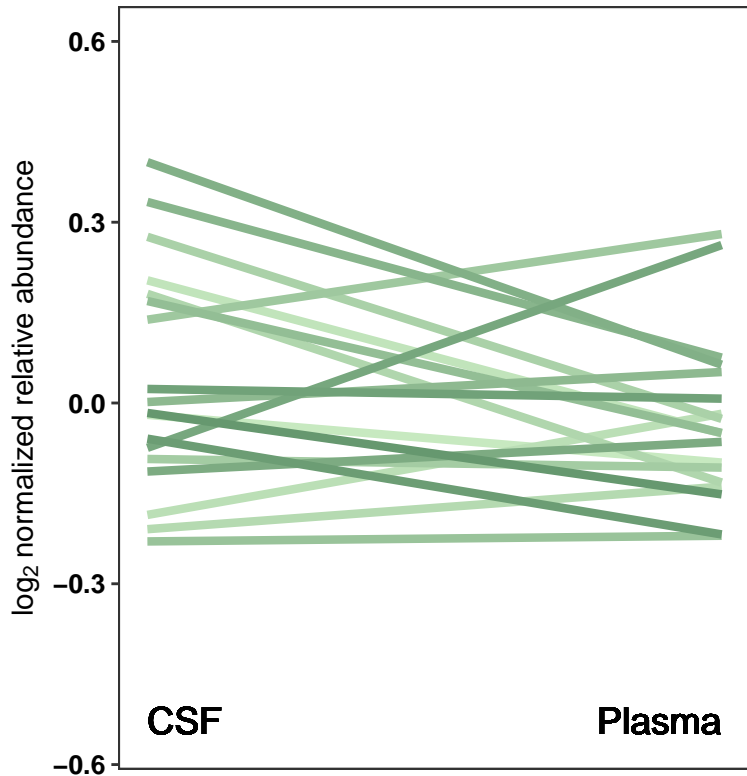
AD:



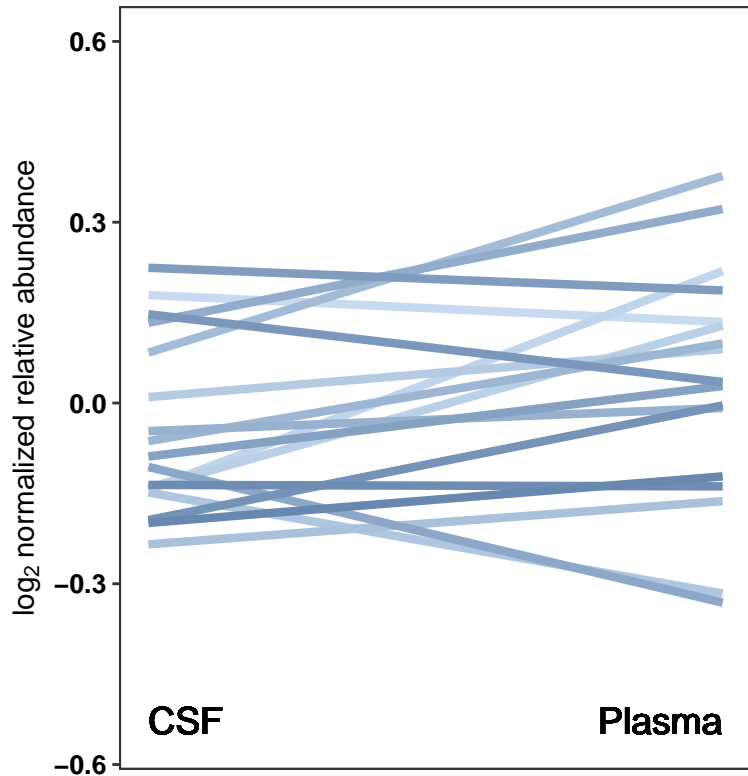
M14 cyan: Innate Immune Response

slopeDiff(AD-CT): 0.144

Normal:



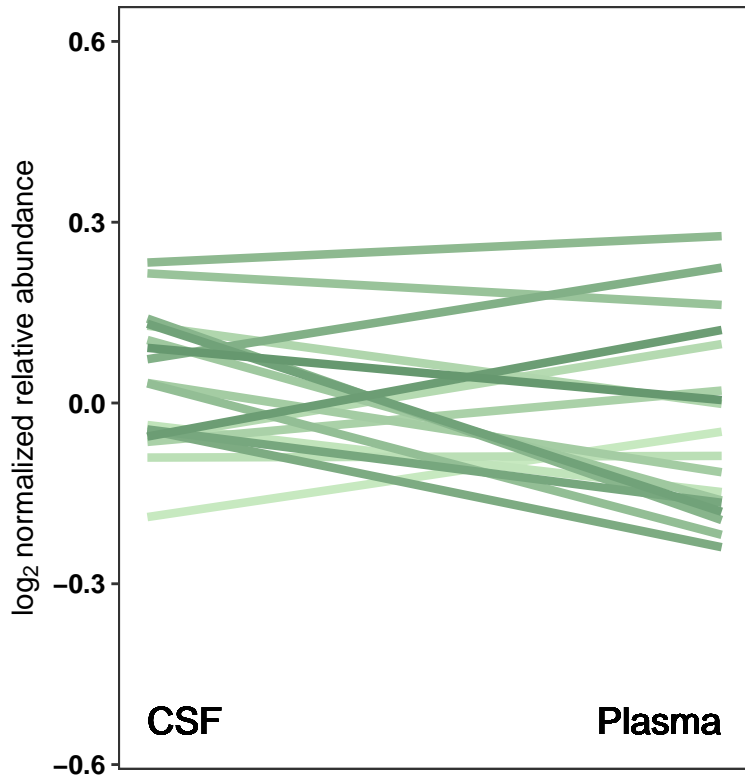
AD:



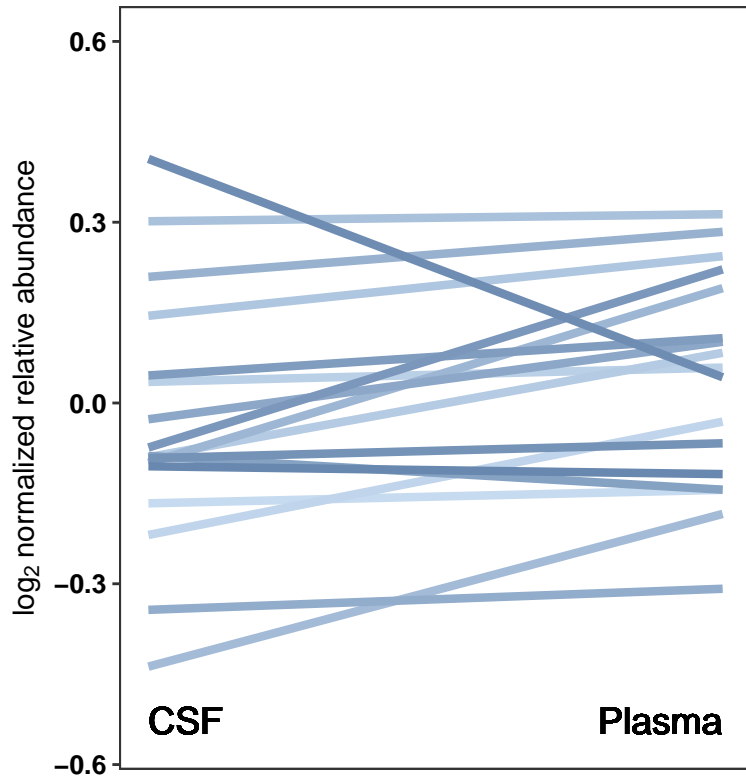
M25 orange: Lysosome

slopeDiff(AD-CT): 0.143

Normal:



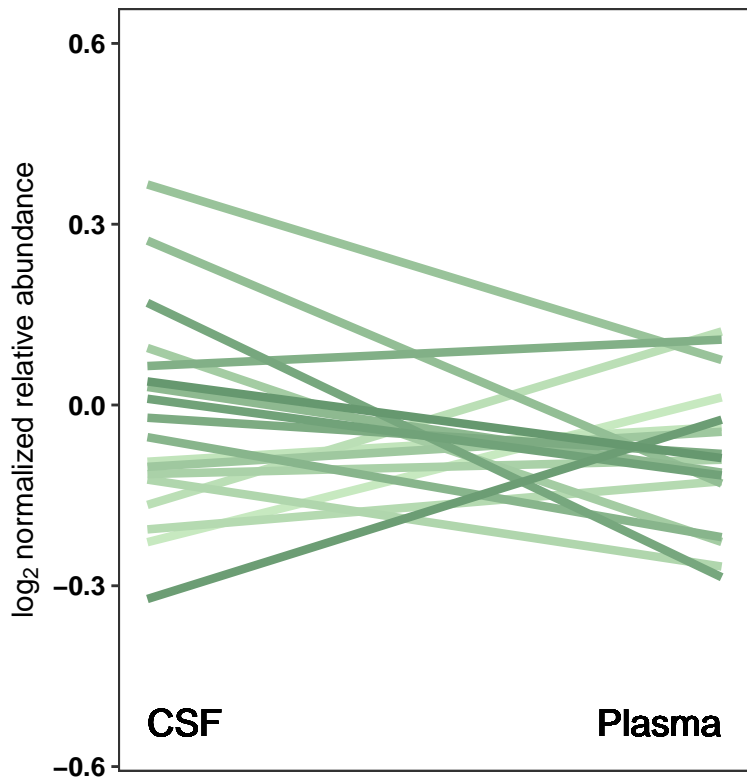
AD:



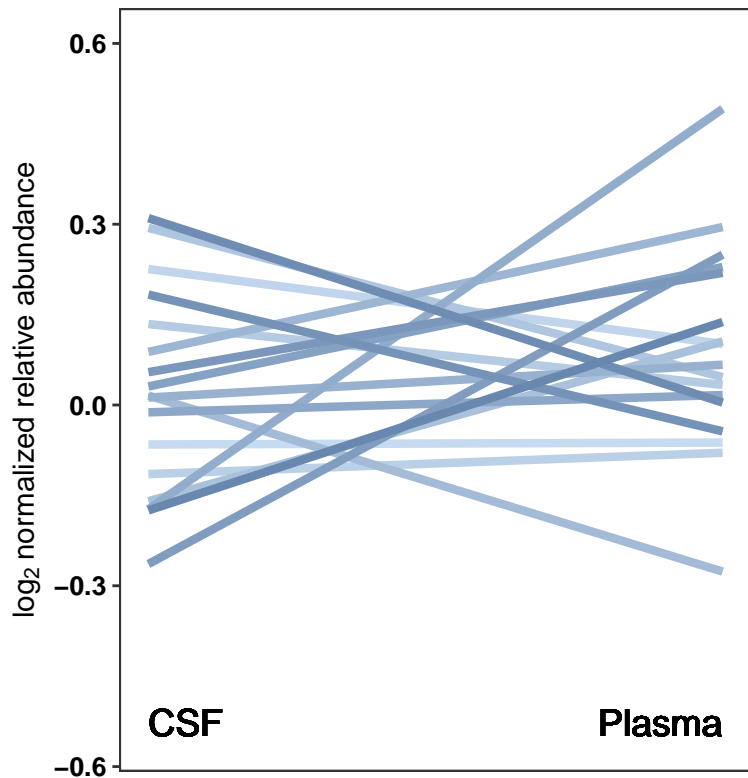
M12 tan: Matrisome

slopeDiff(AD-CT): 0.132

Normal:



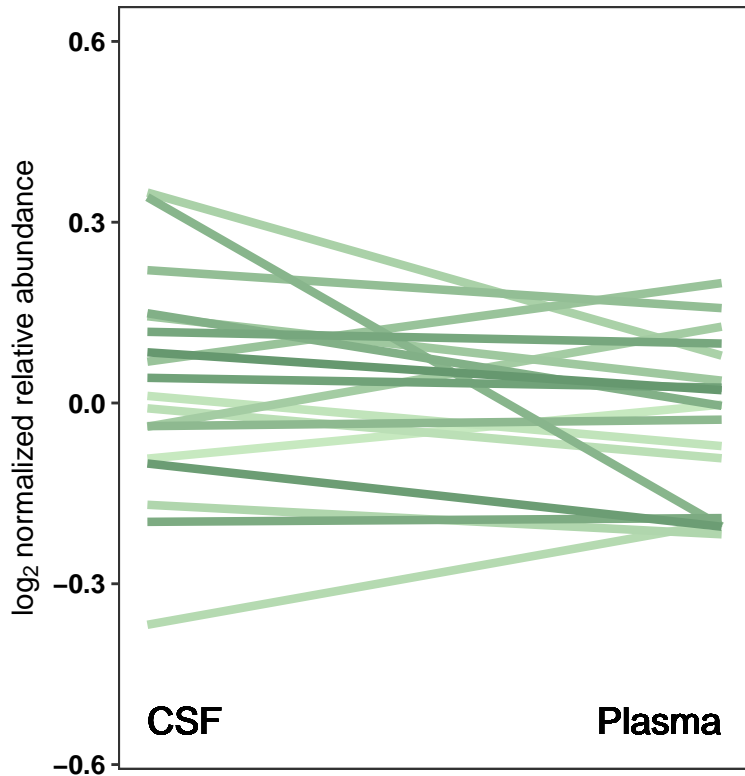
AD:



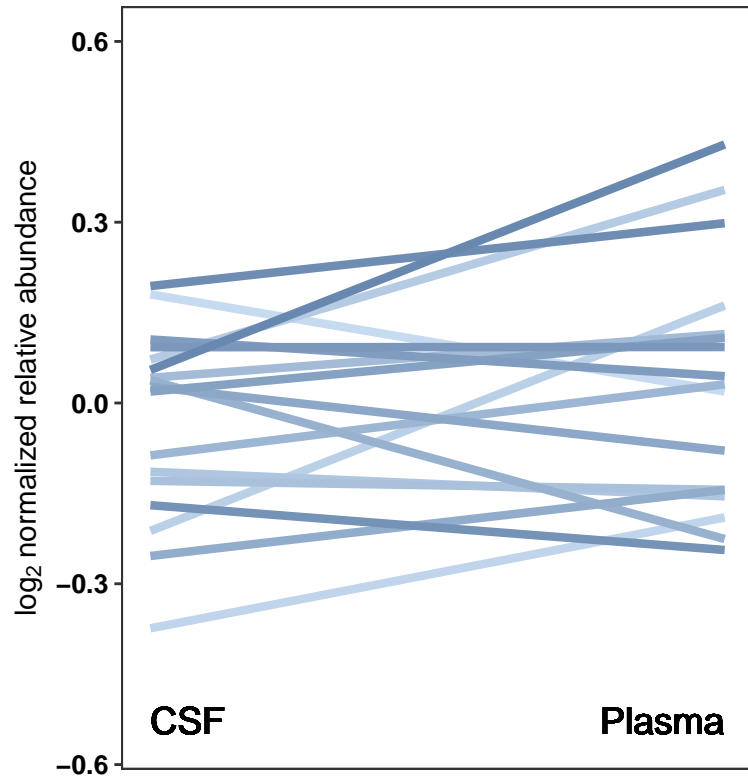
M20 royalblue: Digestion

slopeDiff(AD-CT): 0.113

Normal:



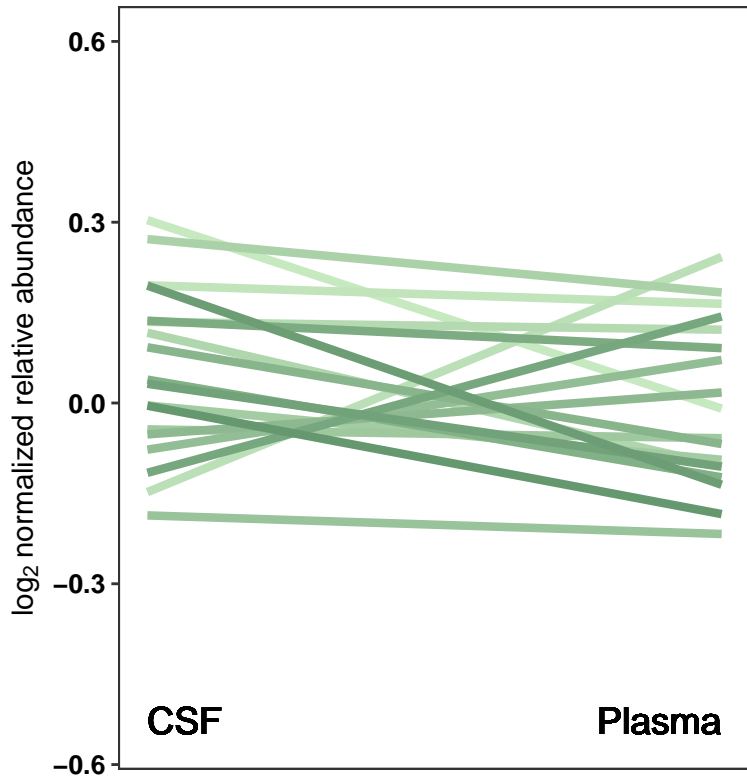
AD:



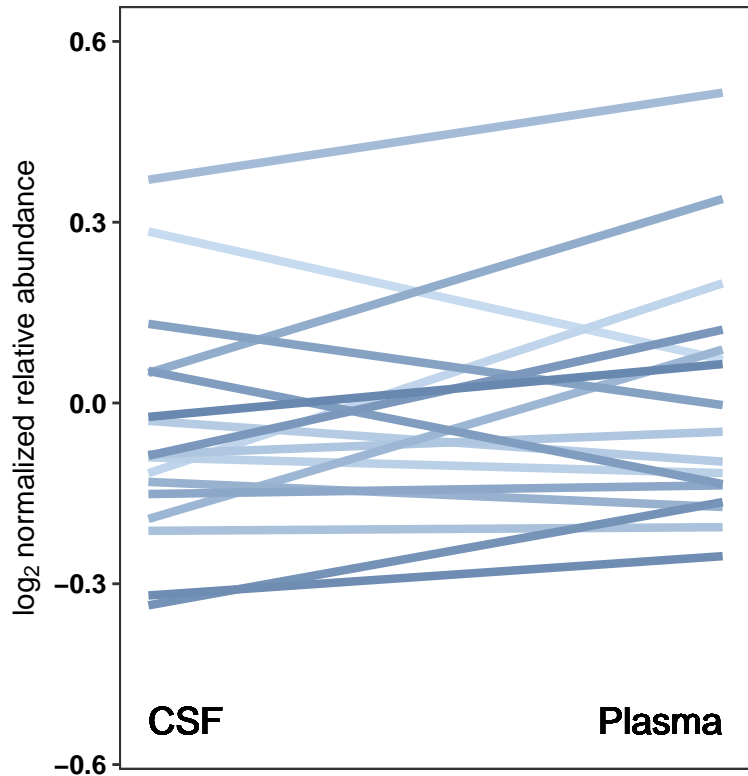
M19 lightyellow: Leukocyte Activation

slopeDiff(AD-CT): 0.109

Normal:



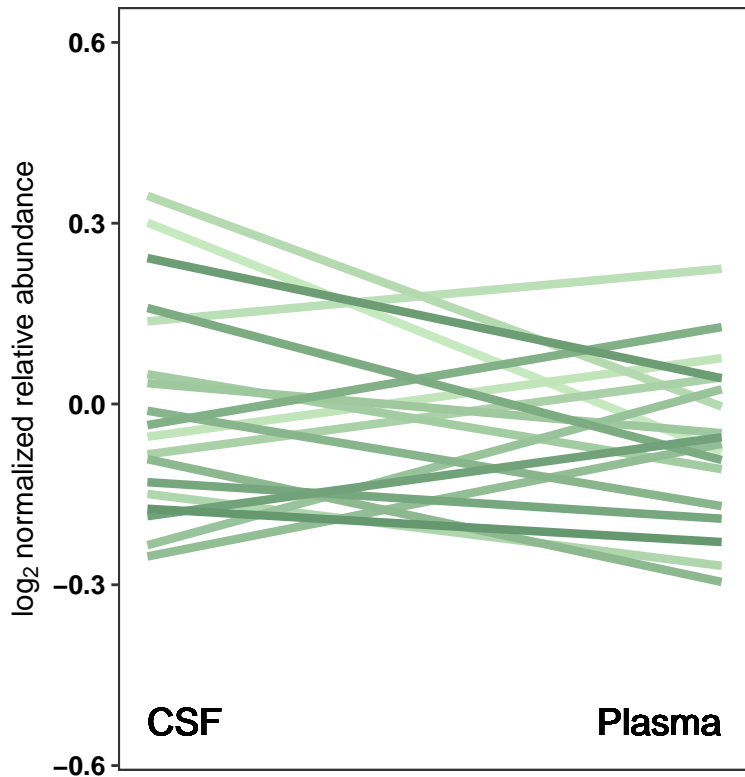
AD:



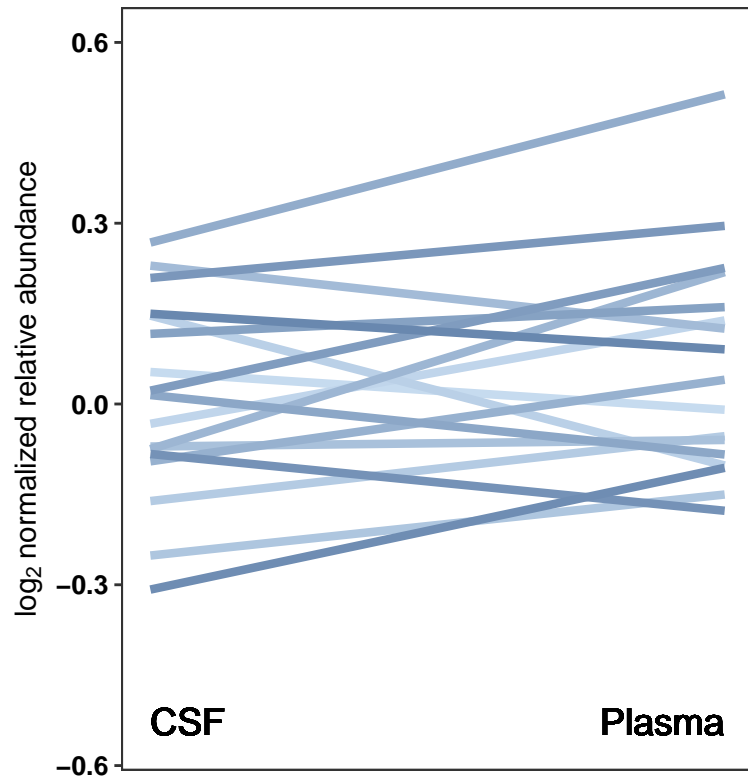
M5 green: ECM/IGF-PDGF Binding

slopeDiff(AD-CT): 0.107

Normal:



AD:

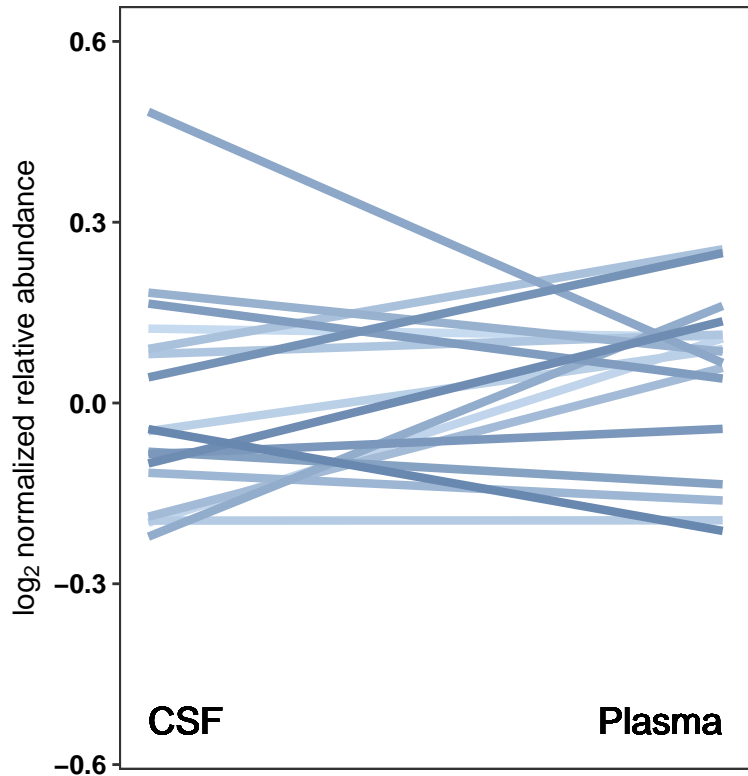
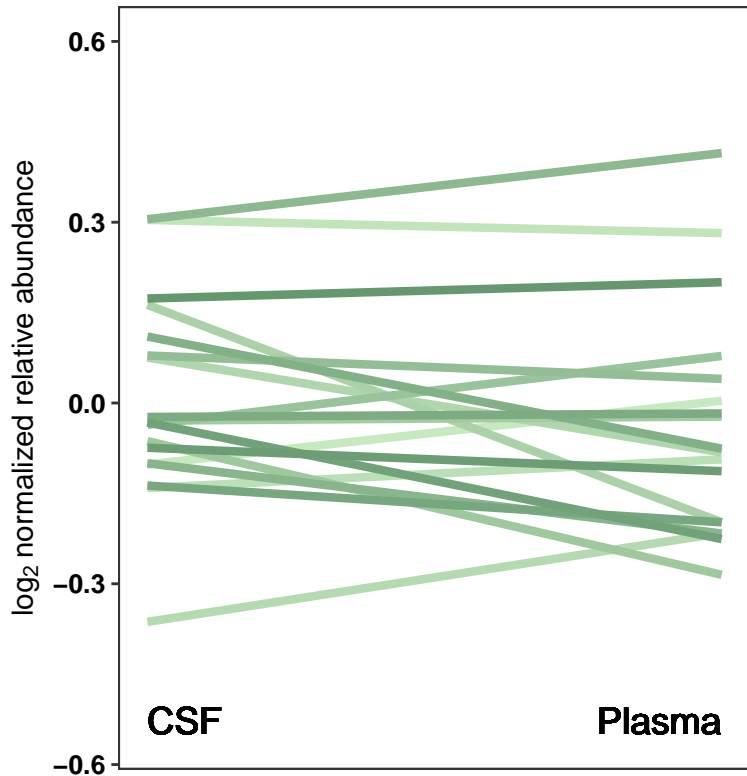


M11 greenyellow: Immunoglobulins/Coagulation Cascade

slopeDiff(AD-CT): 0.0952

Normal:

AD:

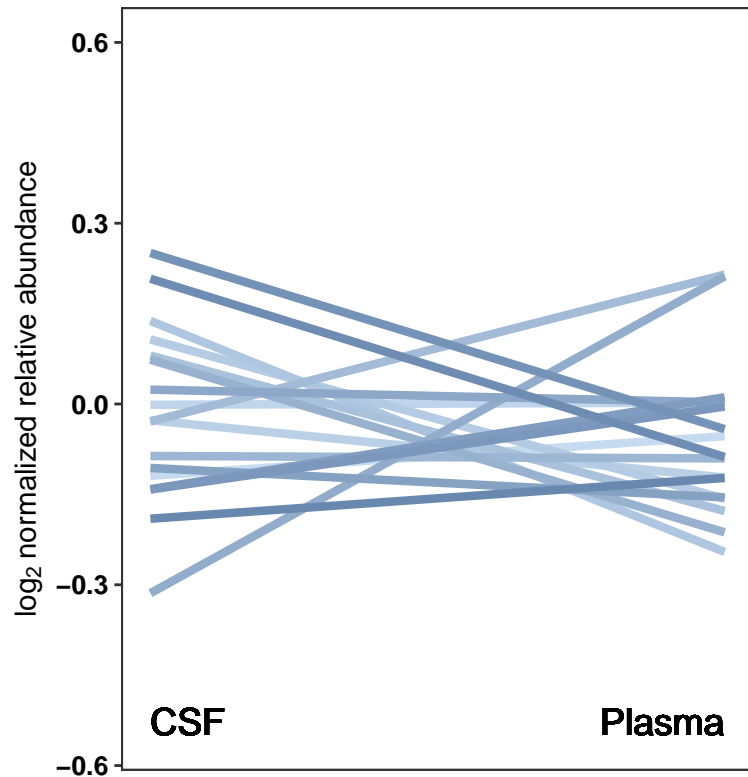
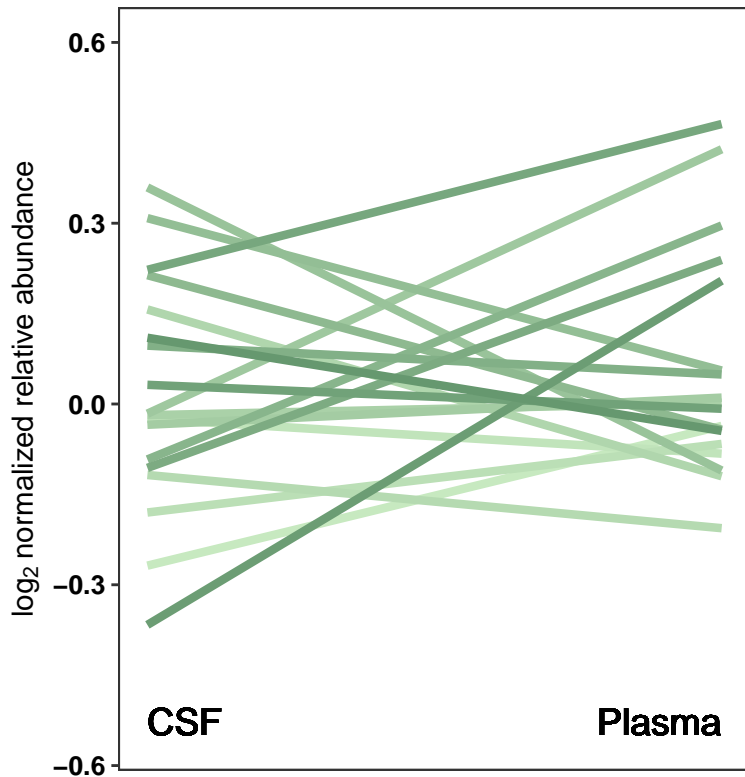


M9 magenta: Leukocyte Chemotaxis

slopeDiff(AD-CT): -0.0861

Normal:

AD:

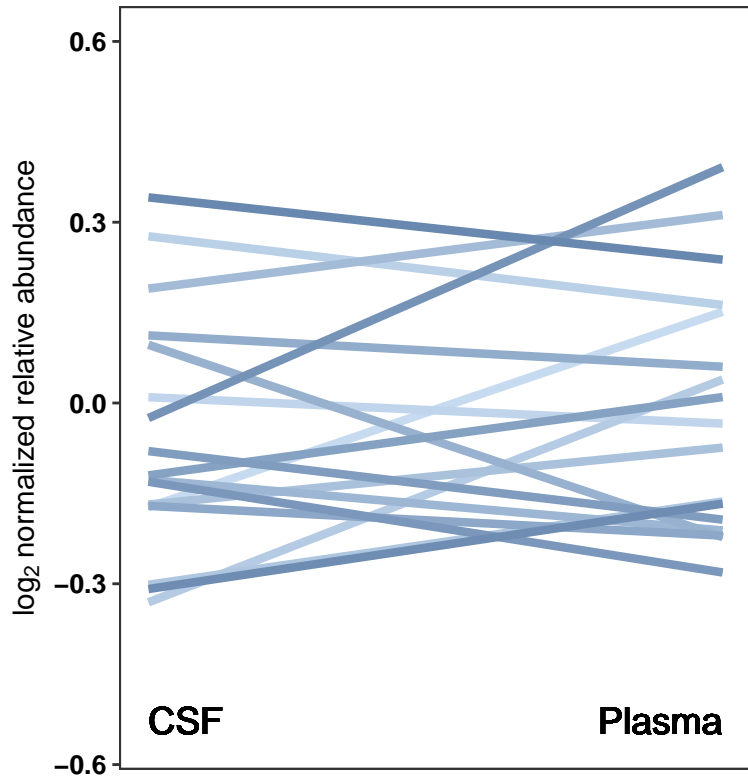
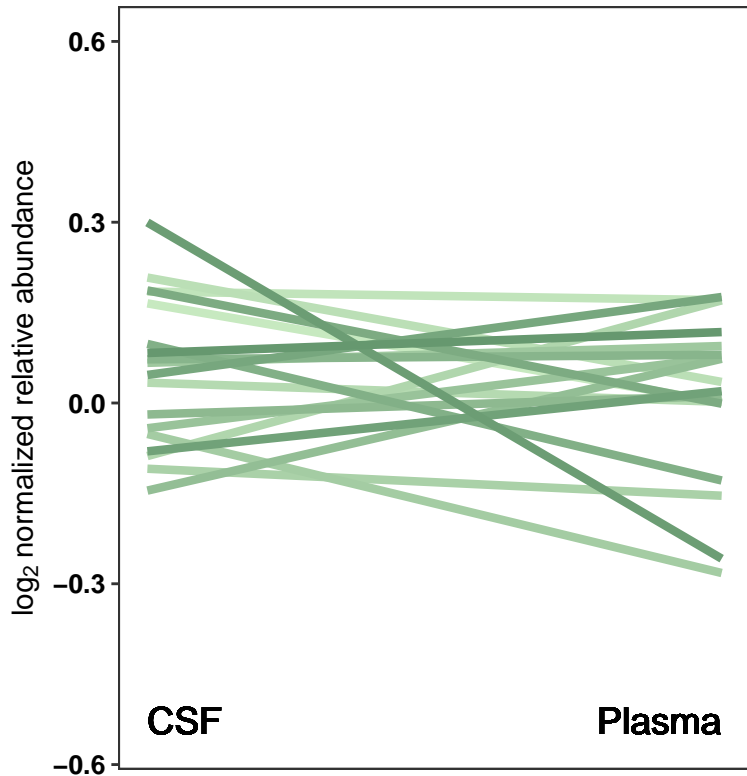


M15 midnightblue: Lipid Biosynthesis/Immune Response

slopeDiff(AD-CT): 0.0808

Normal:

AD:

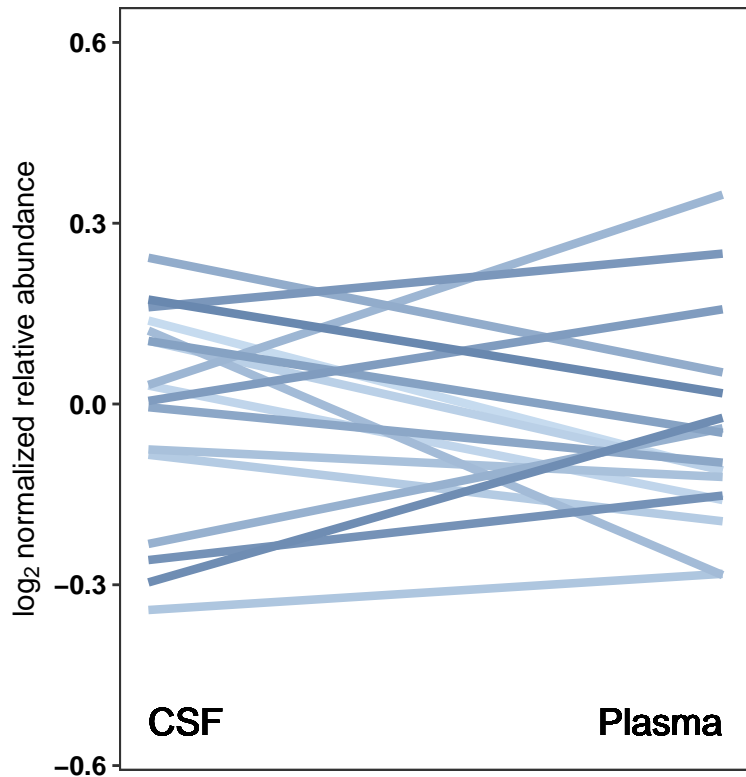
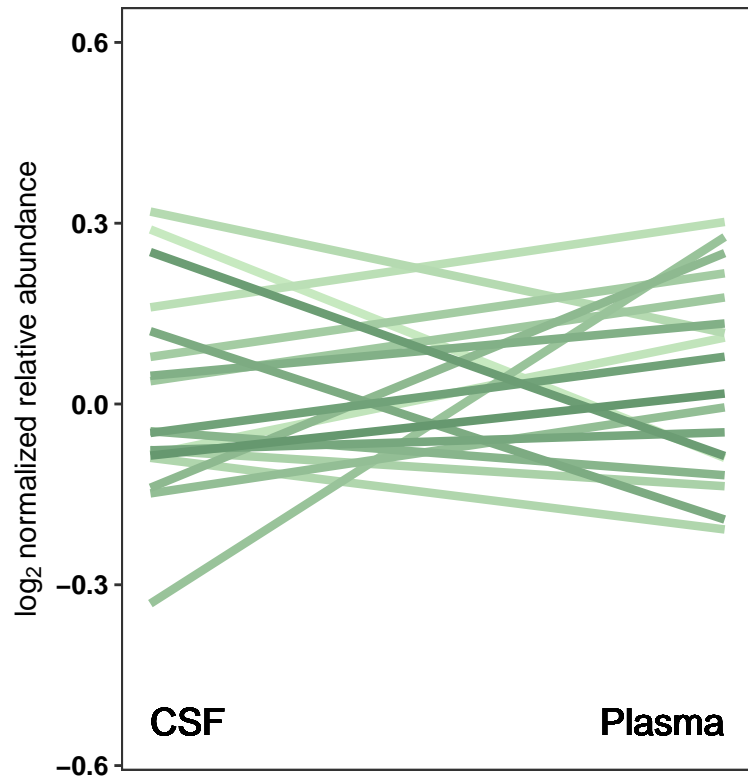


M17 grey60: Glycosylation

slopeDiff(AD-CT): -0.0706

Normal:

AD:

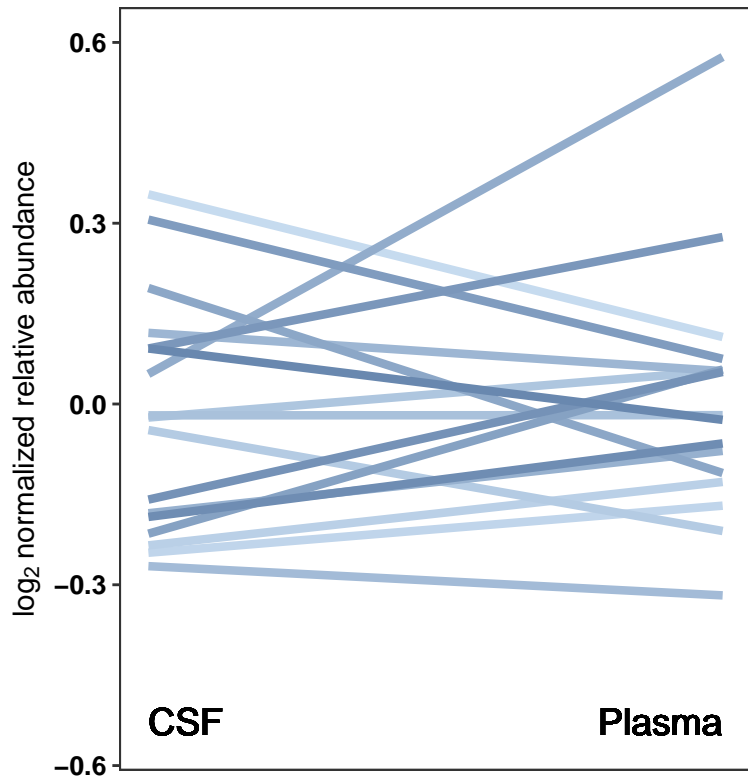
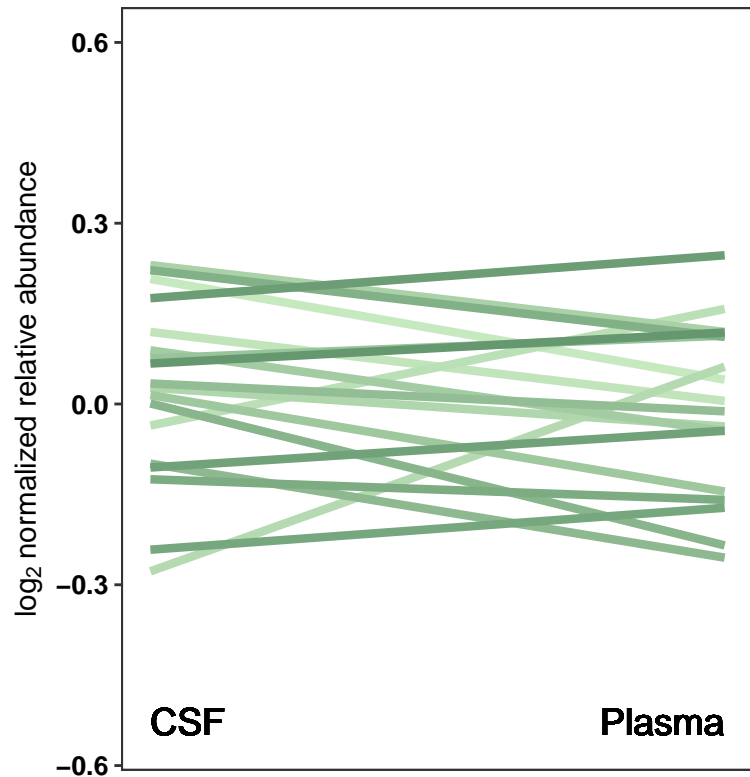


M23 darkturquoise: Carbohydrate Binding/ECM

slopeDiff(AD-CT): 0.0583

Normal:

AD:

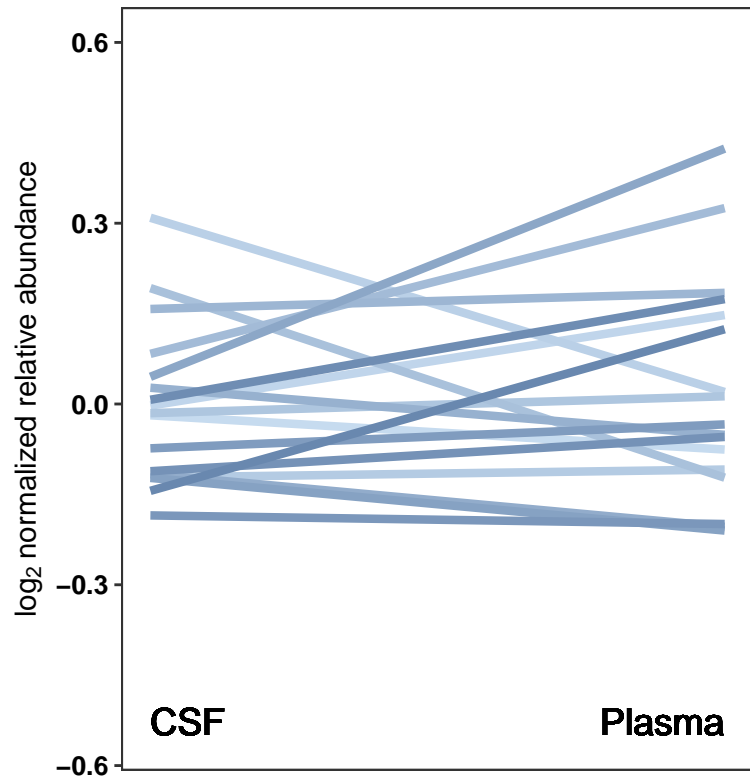
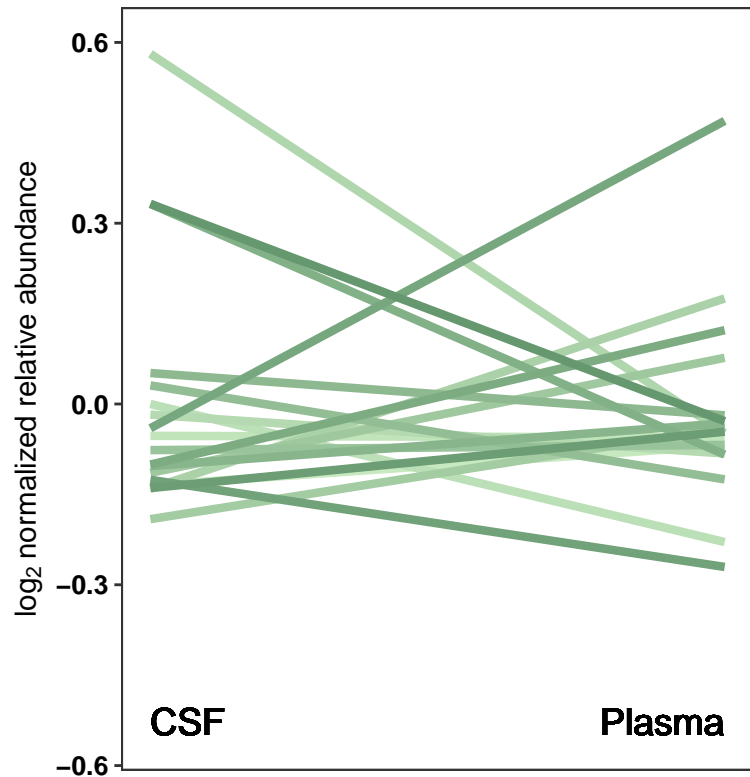


M26 darkorange: Bicarbonate Transport/Peroxidase

slopeDiff(AD-CT): 0.0507

Normal:

AD:

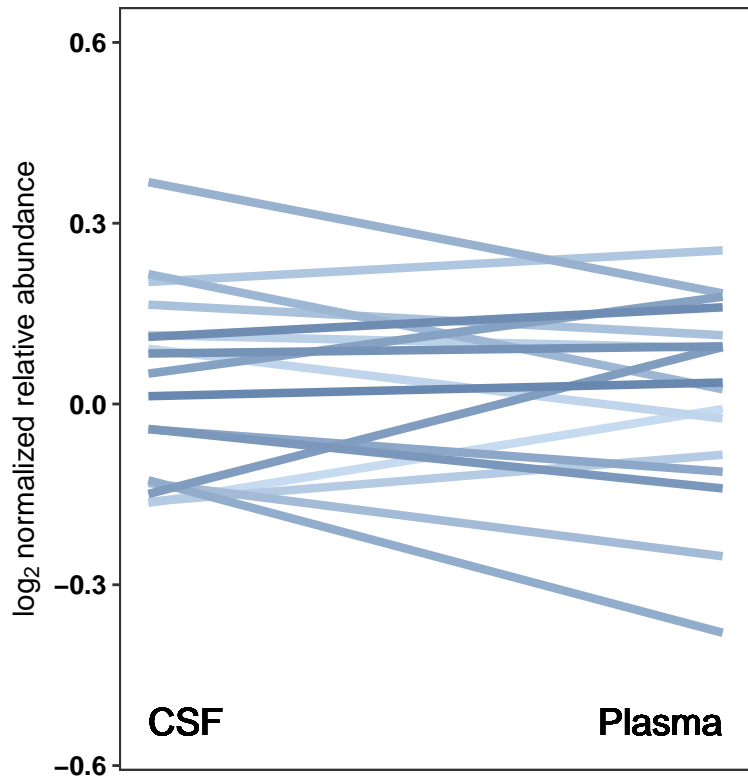
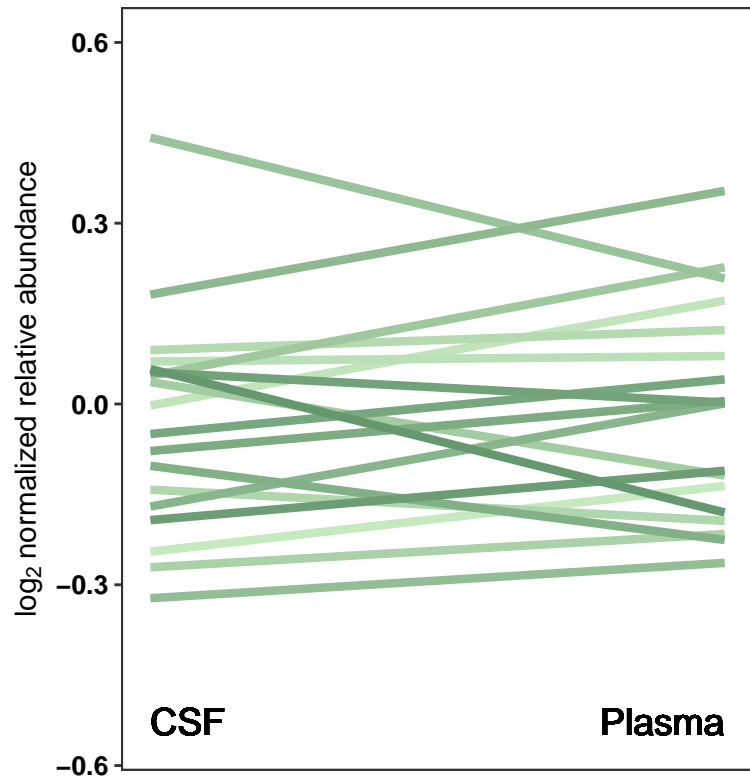


M13 salmon: Ambiguous

slopeDiff(AD-CT): -0.0419

Normal:

AD:

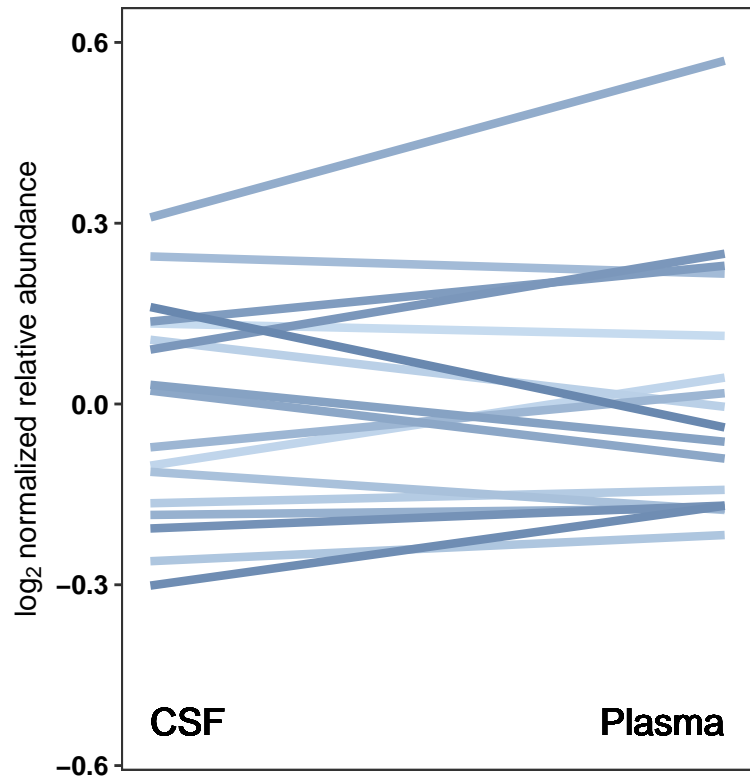
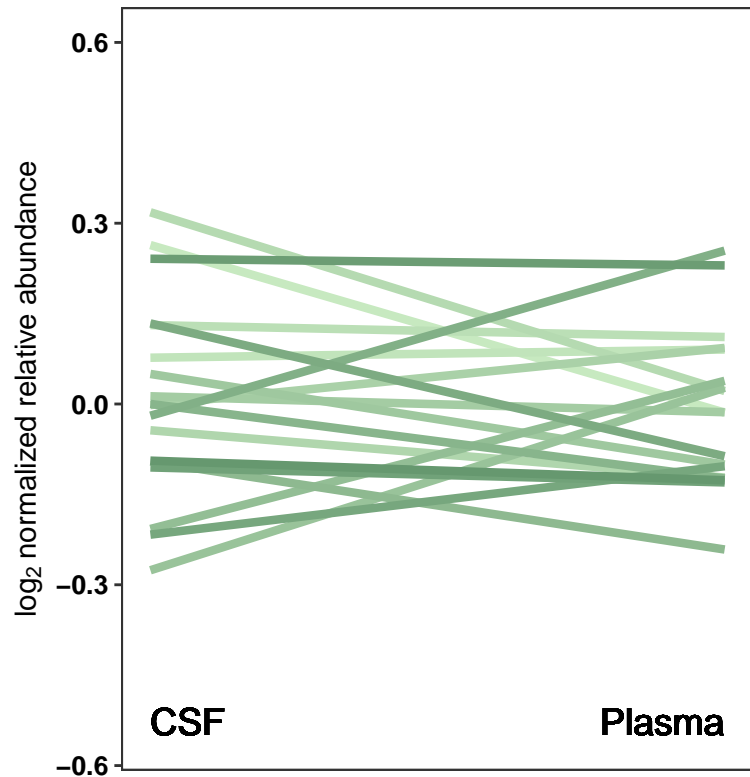


M7 black: TNF/Ephrin Signaling

slopeDiff(AD-CT): 0.0416

Normal:

AD:

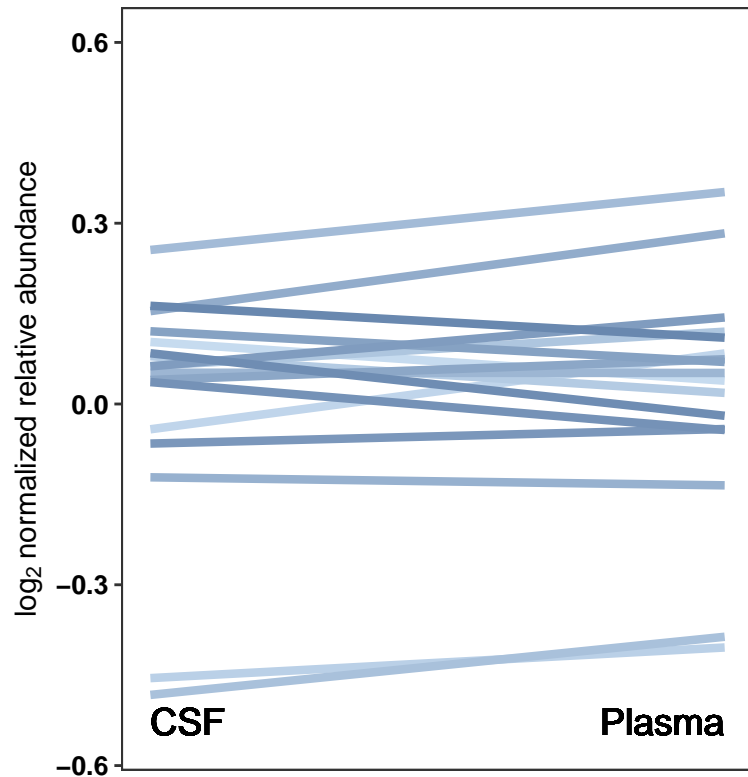
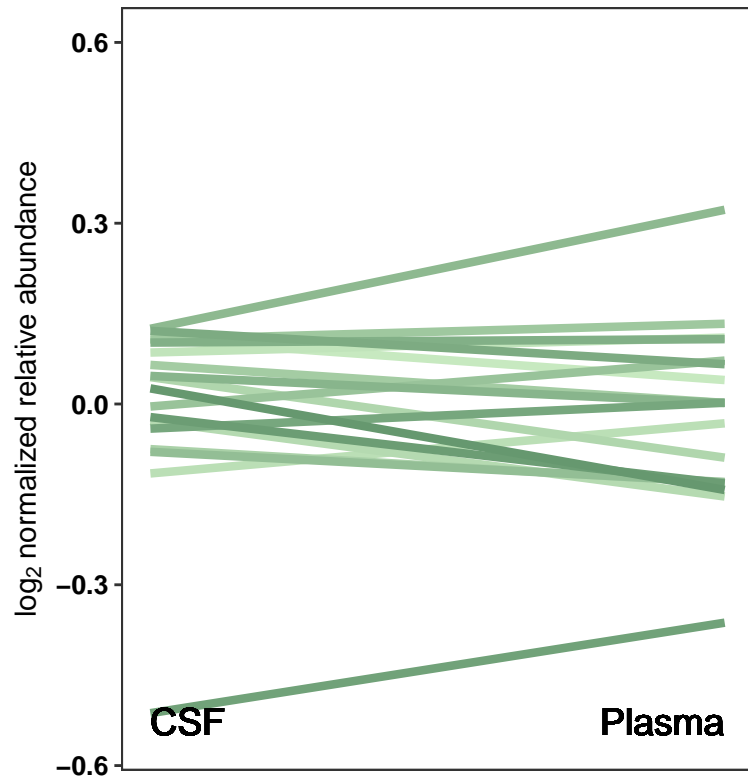


M31 paleturquoise: Adhesion/ECM

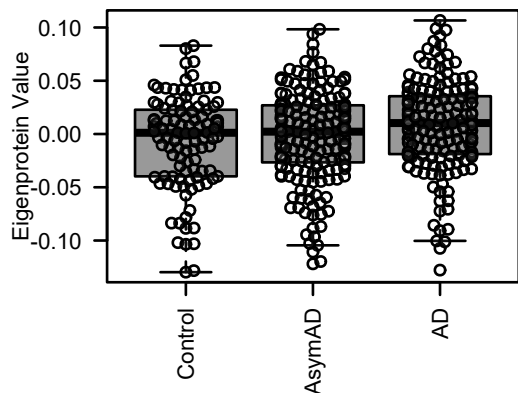
slopeDiff(AD-CT): 0.0308

Normal:

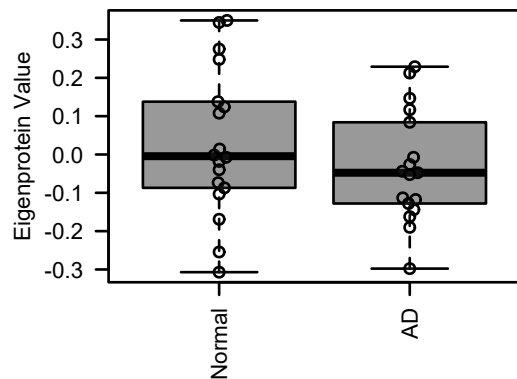
AD:



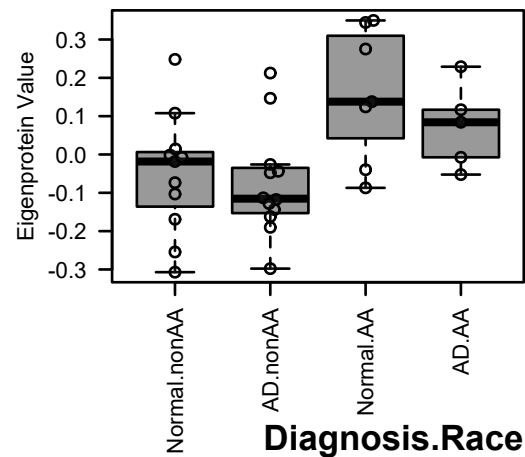
**M17 grey60.MEGATMT488
Transcription**



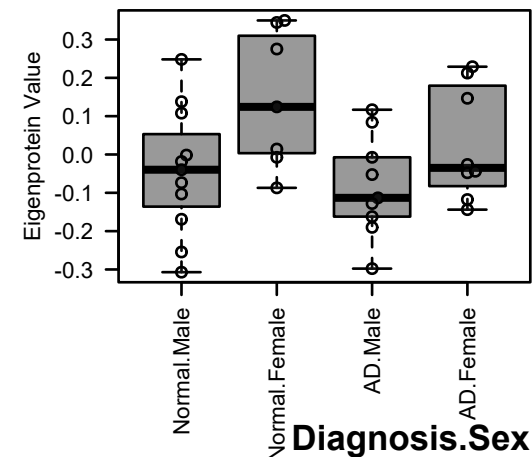
**MEgrey60.CSF 35 Samp. (Synthetic)
ANOVA p: 0.29**



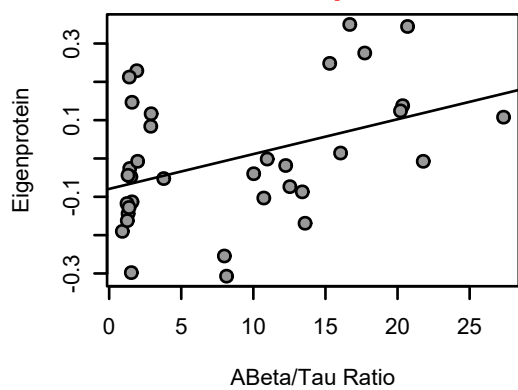
**MEgrey60.CSF (Synthetic)
ANOVA p: 0.011**



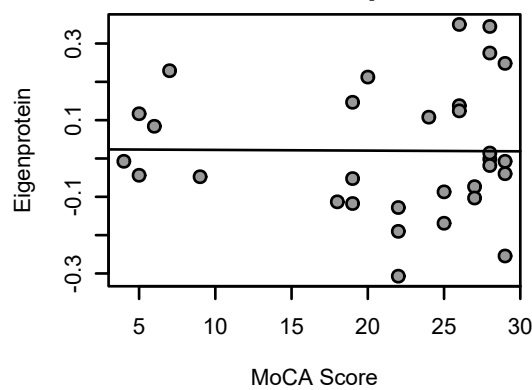
**MEgrey60.CSF (Synthetic)
ANOVA p: 0.038**



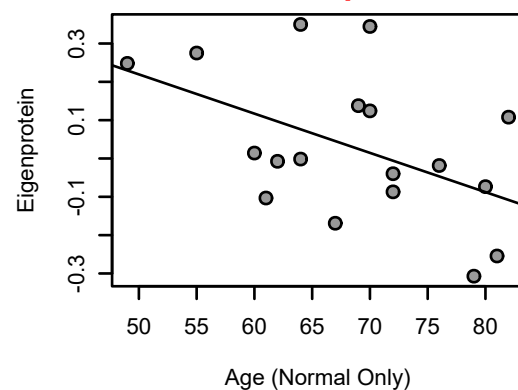
**bicor=0.41, p=0.014
cor=0.42, p=0.012**



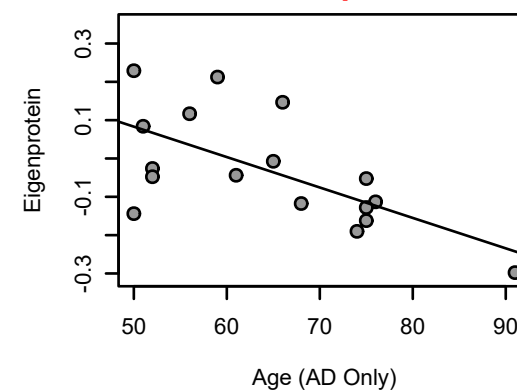
**bicor=0.07, p=0.71
cor=-0.0091, p=0.96**



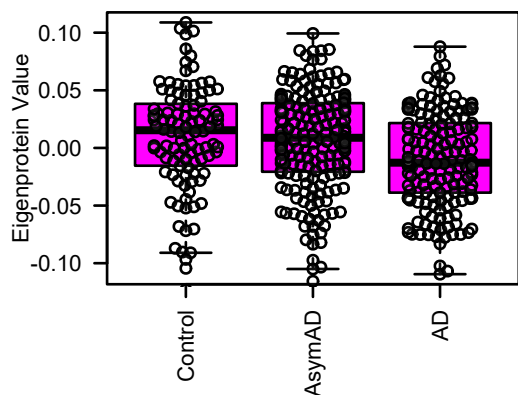
**bicor=-0.49, p=0.037
cor=-0.49, p=0.039**



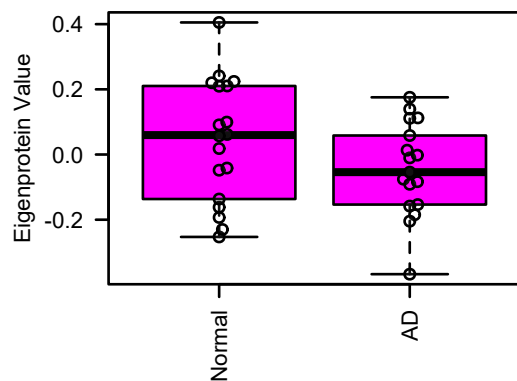
**bicor=-0.64, p=0.0053
cor=-0.65, p=0.0047**



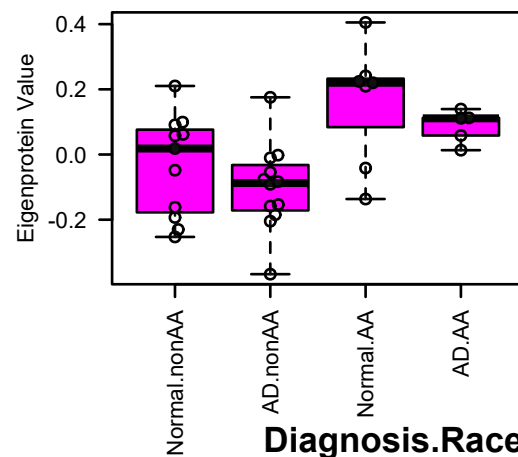
**M9 magenta.MEGATMT488
Golgi**



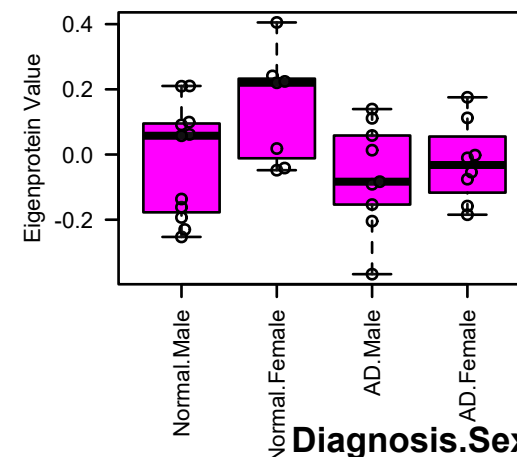
**MEmagenta.CSF 35 Samp. (Synthetic)
ANOVA p: 0.13**



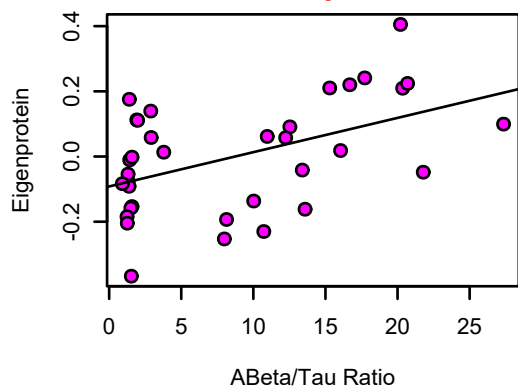
**MEmagenta.CSF (Synthetic)
ANOVA p: 0.0035**



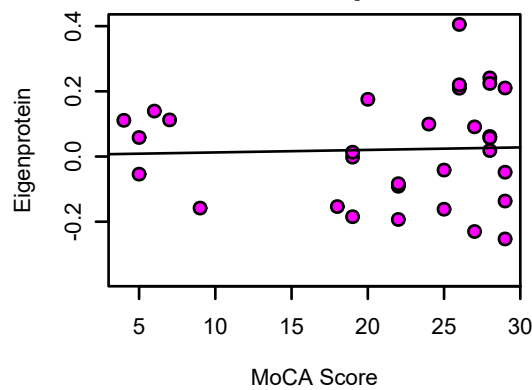
**MEmagenta.CSF (Synthetic)
ANOVA p: 0.076**



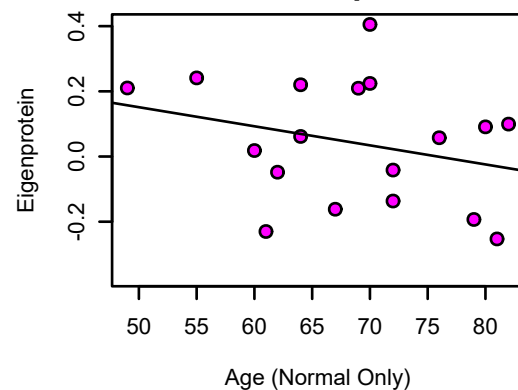
**bicor=0.47, p=0.004
cor=0.48, p=0.0035**



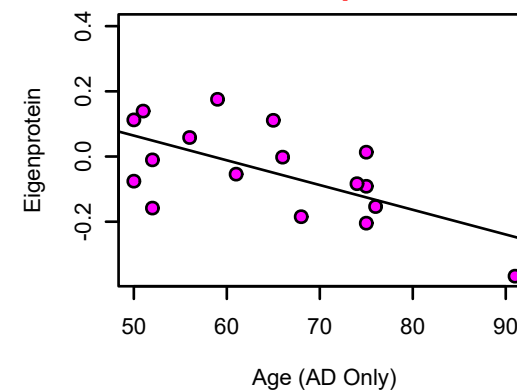
**bicor=0.19, p=0.31
cor=0.039, p=0.83**



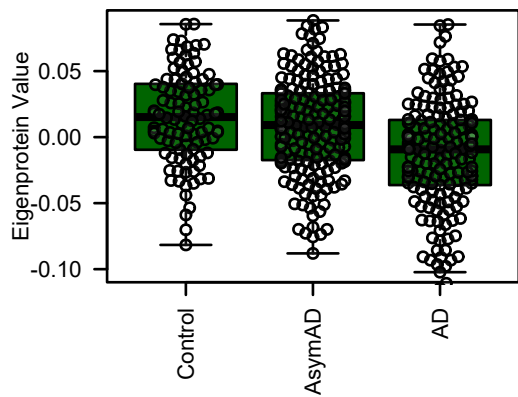
**bicor=-0.27, p=0.28
cor=-0.29, p=0.24**



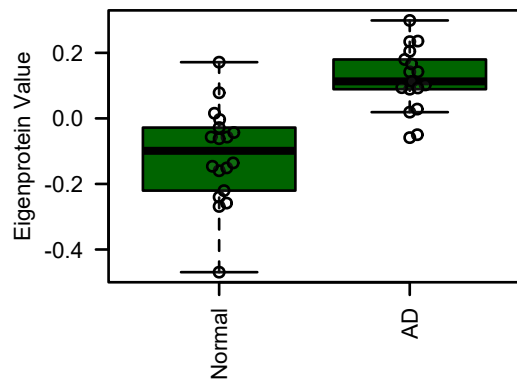
**bicor=-0.61, p=0.0097
cor=-0.64, p=0.0057**



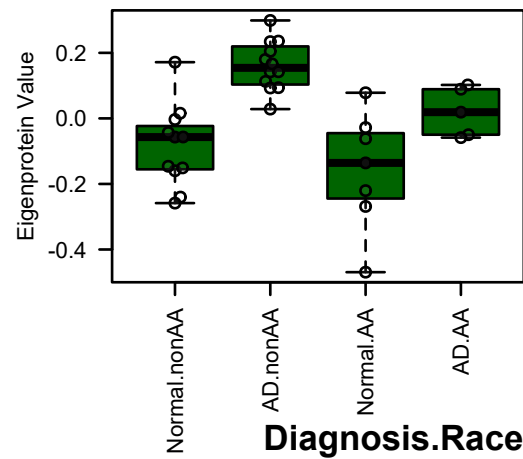
M22 darkgreen.MEGATMT488
Post-Synaptic Density



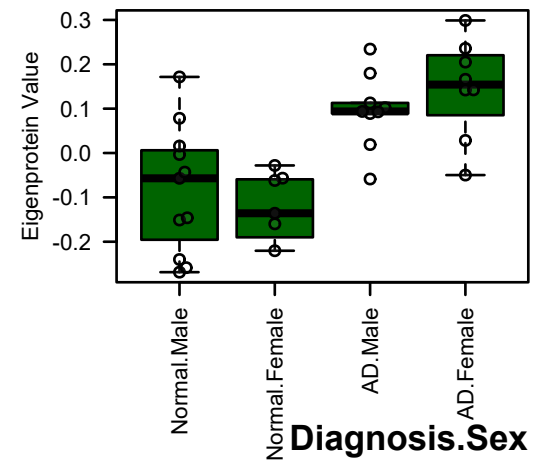
MEdarkgreen.CSF 35 Samp. (Synthetic)
ANOVA p: 5e-06



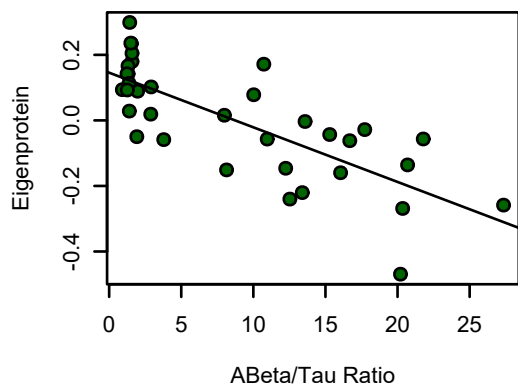
MEdarkgreen.CSF (Synthetic)
ANOVA p: 8.4e-06



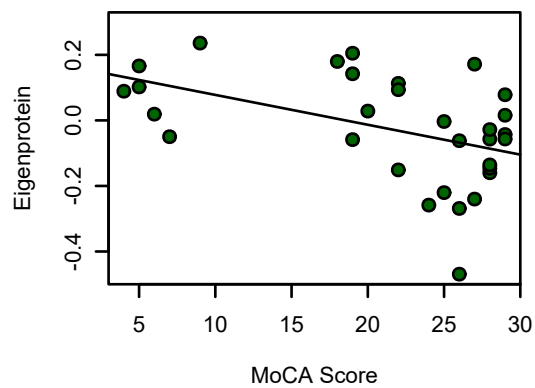
MEdarkgreen.CSF (Synthetic)
ANOVA p: 5.1e-05



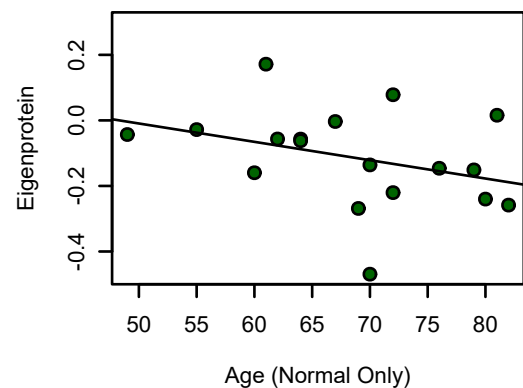
bicor=-0.78, p=3.9e-08
cor=-0.76, p=1.2e-07



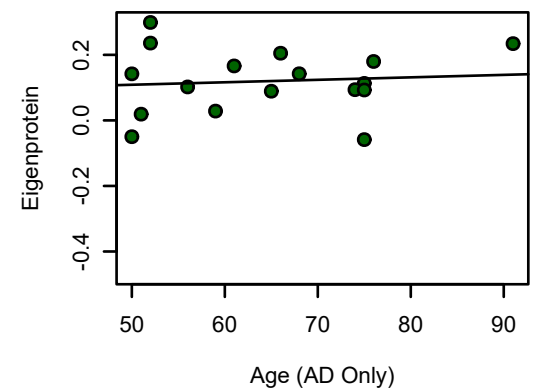
bicor=-0.49, p=0.005
cor=-0.46, p=0.0092



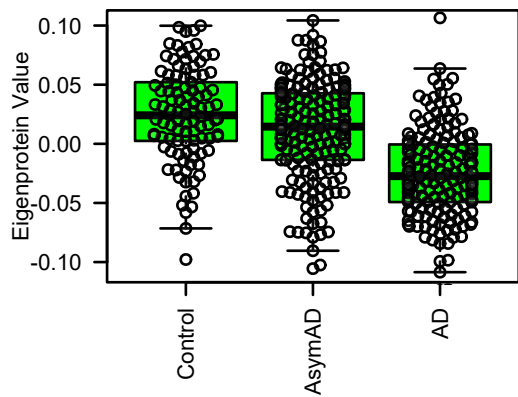
bicor=-0.39, p=0.11
cor=-0.35, p=0.15



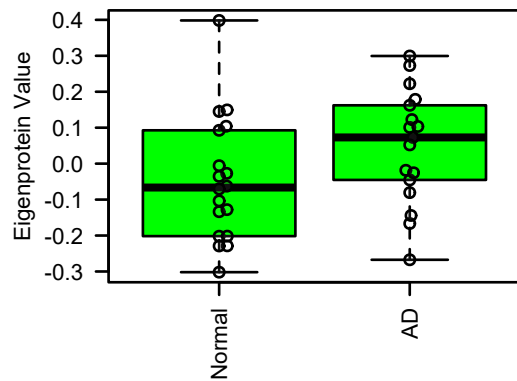
bicor=0.088, p=0.74
cor=0.092, p=0.73



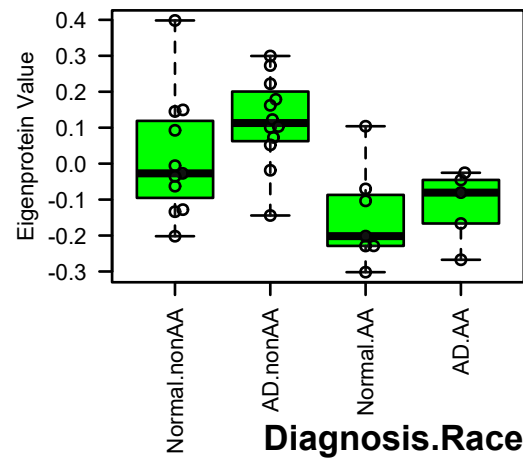
M5 green.MEGATMT488
Post-Synaptic Density



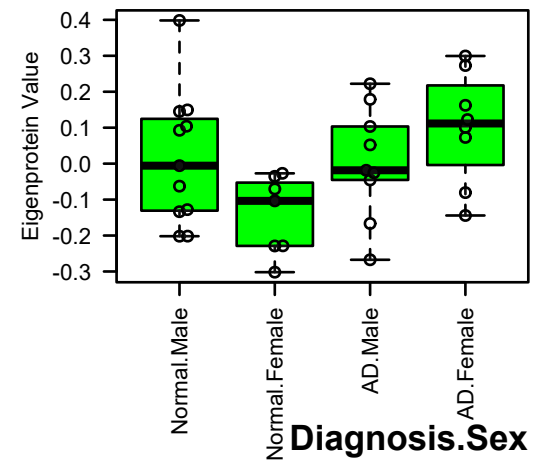
MEgreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.098



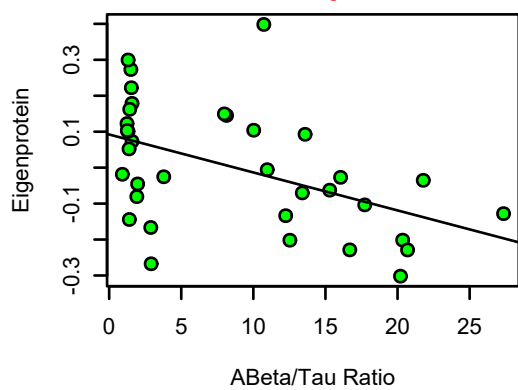
MEgreen.CSF (Synthetic)
ANOVA p: 0.0013



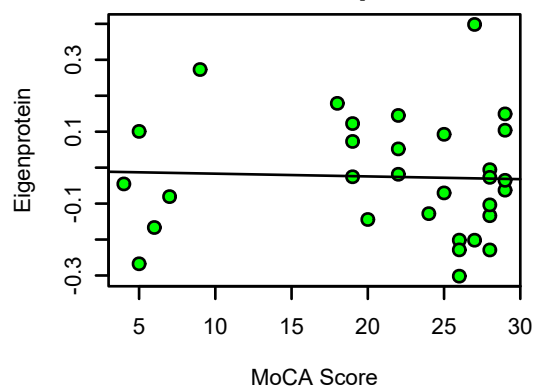
MEgreen.CSF (Synthetic)
ANOVA p: 0.045



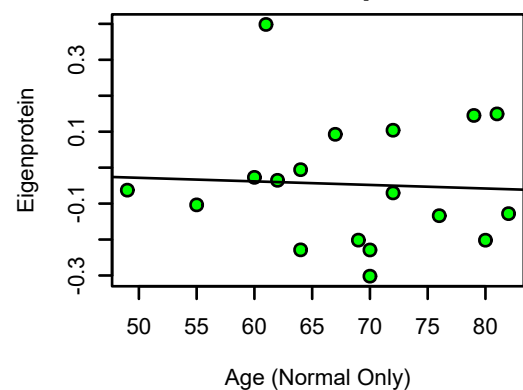
bicor=-0.49, p=0.0031
cor=-0.48, p=0.0035



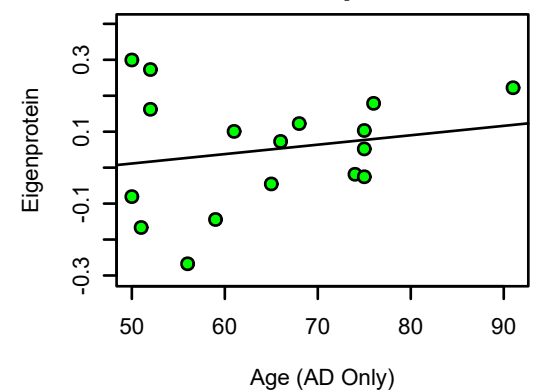
bicor=-0.21, p=0.25
cor=-0.039, p=0.83



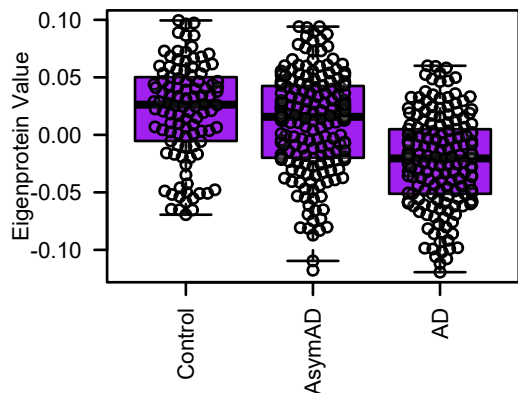
bicor=-0.046, p=0.86
cor=-0.052, p=0.84



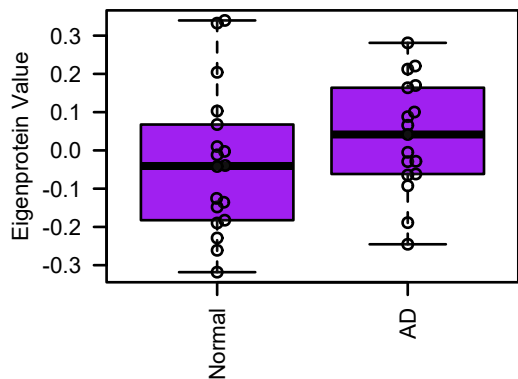
bicor=0.19, p=0.47
cor=0.2, p=0.44



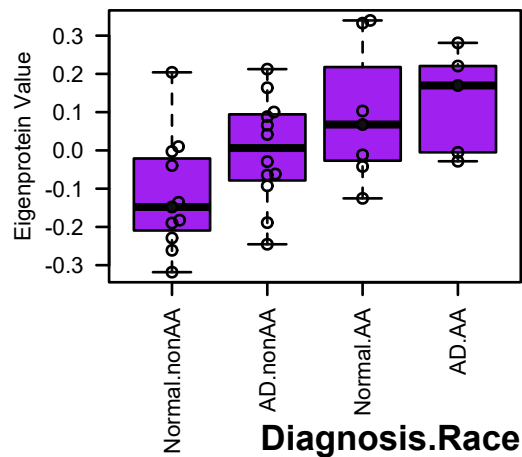
M10 purple.MEGATMT488
Ambiguous



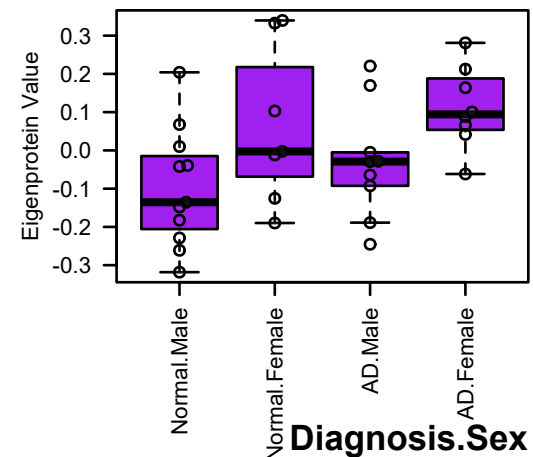
MEpurple.CSF 35 Samp. (Synthetic)
ANOVA p: 0.22



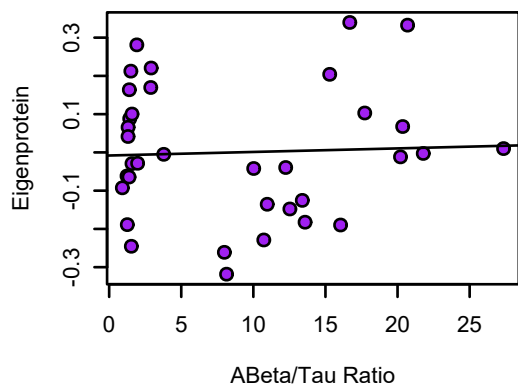
MEpurple.CSF (Synthetic)
ANOVA p: 0.011



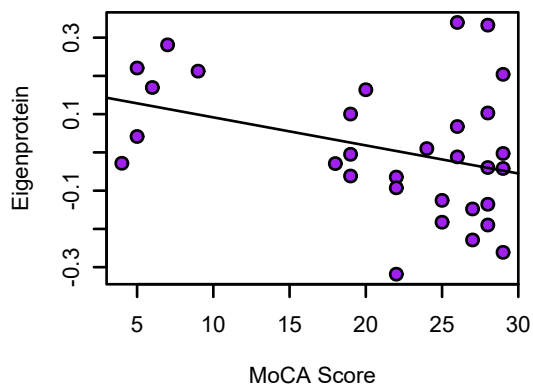
MEpurple.CSF (Synthetic)
ANOVA p: 0.034



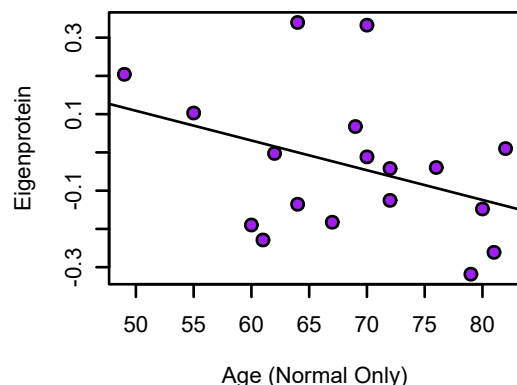
bicor=0.017, p=0.92
cor=0.042, p=0.81



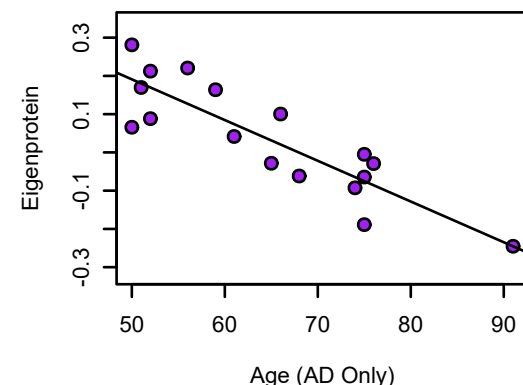
bicor=-0.28, p=0.13
cor=-0.35, p=0.054



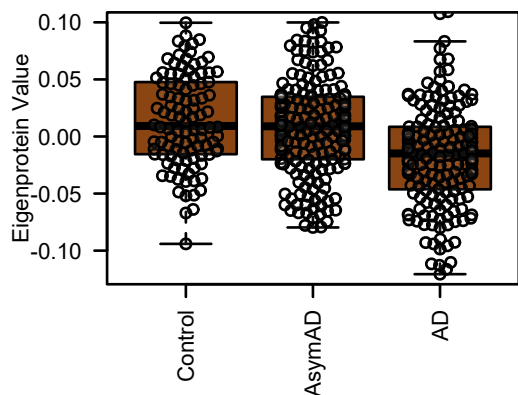
bicor=-0.37, p=0.13
cor=-0.38, p=0.12



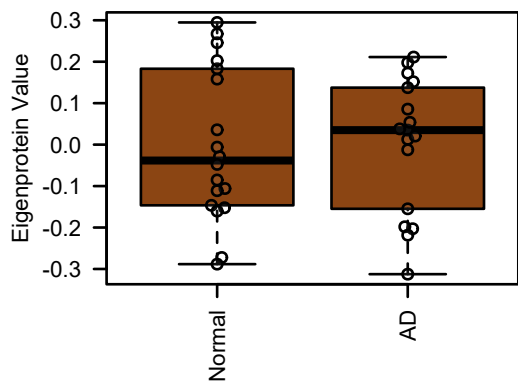
bicor=-0.87, p=6.1e-06
cor=-0.87, p=5.7e-06



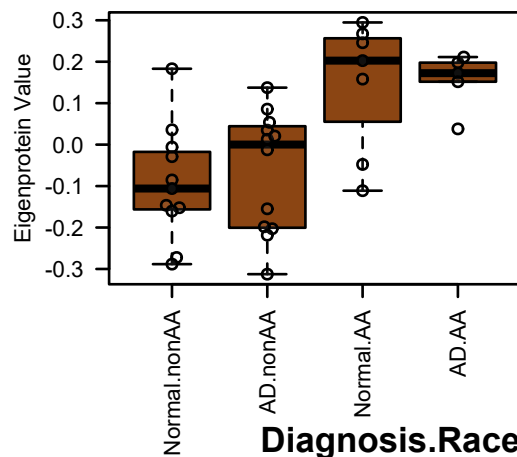
M29 saddlebrown.MEGATMT488
Glycosylation/ER



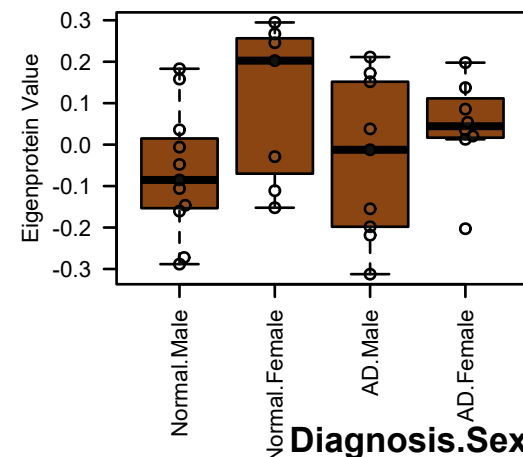
MEsaddlebrown.CSF 35 Samp. (Synthetic)
ANOVA p: 0.97



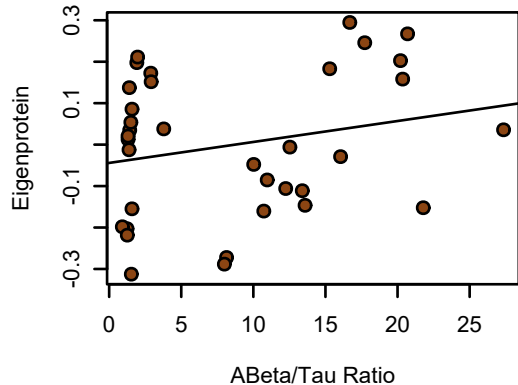
MEsaddlebrown.CSF (Synthetic)
ANOVA p: 9e-04



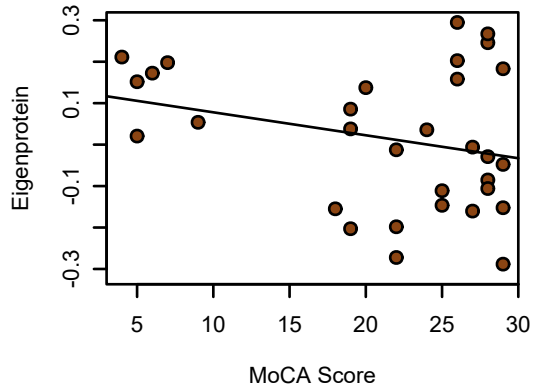
MEsaddlebrown.CSF (Synthetic)
ANOVA p: 0.17



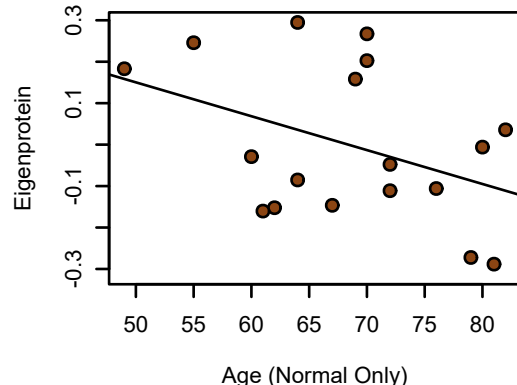
bicor=0.21, p=0.22
cor=0.23, p=0.18



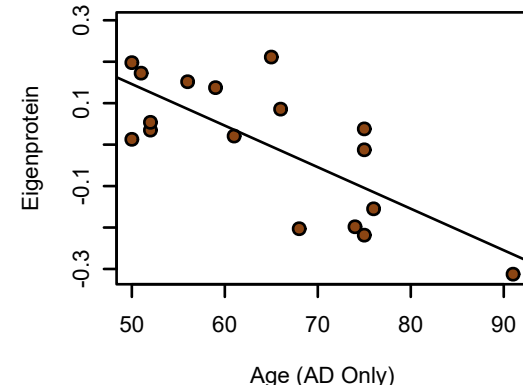
bicor=-0.059, p=0.75
cor=-0.27, p=0.14



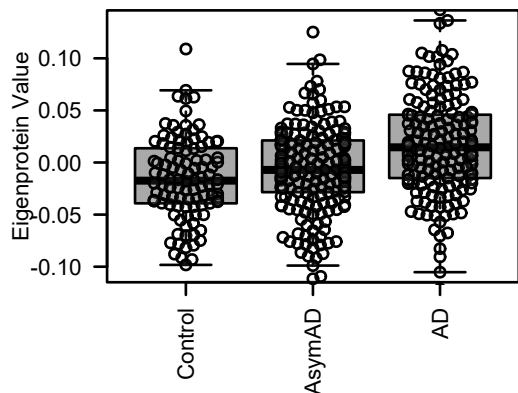
bicor=-0.4, p=0.1
cor=-0.41, p=0.091



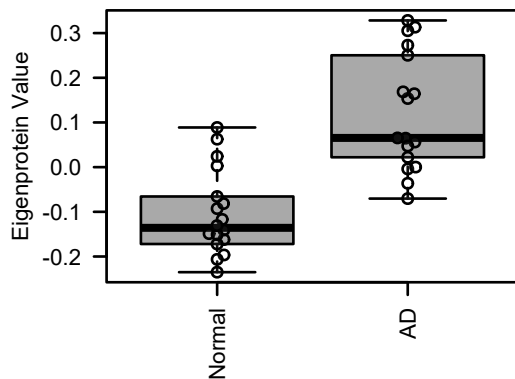
bicor=-0.7, p=0.0017
cor=-0.74, p=0.00068



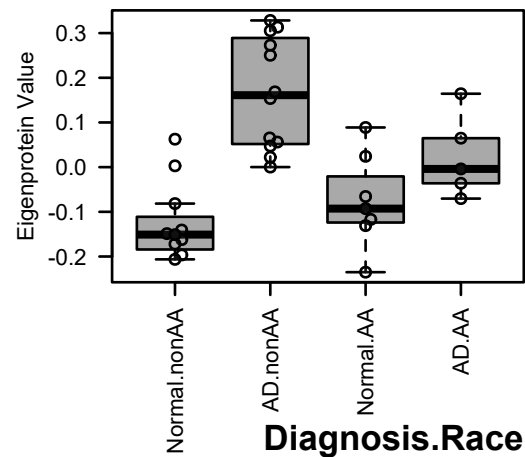
M24 darkgrey.MEGATMT488
Ubiquitination



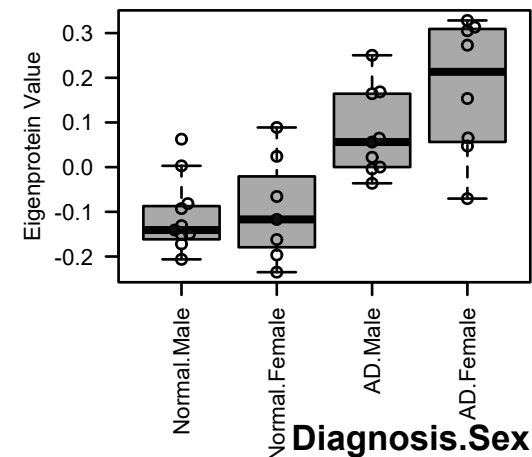
MEdarkgrey.CSF 35 Samp. (Synthetic)
ANOVA p: 1.7e-06



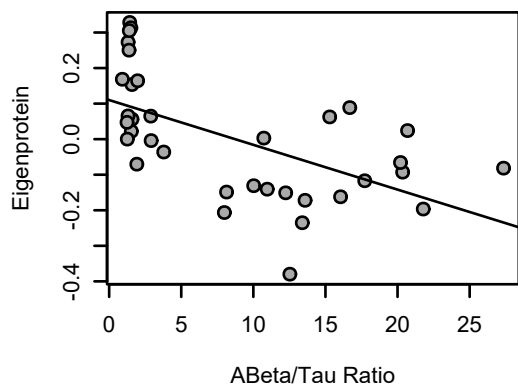
MEdarkgrey.CSF (Synthetic)
ANOVA p: 2.9e-06



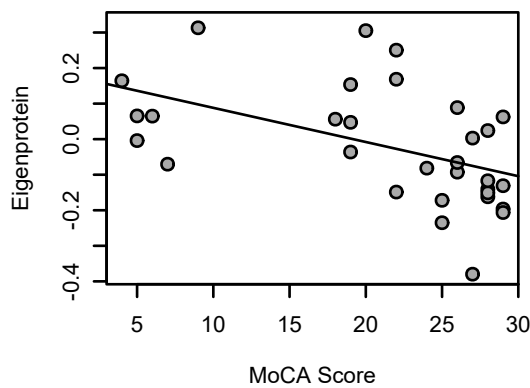
MEdarkgrey.CSF (Synthetic)
ANOVA p: 1.3e-05



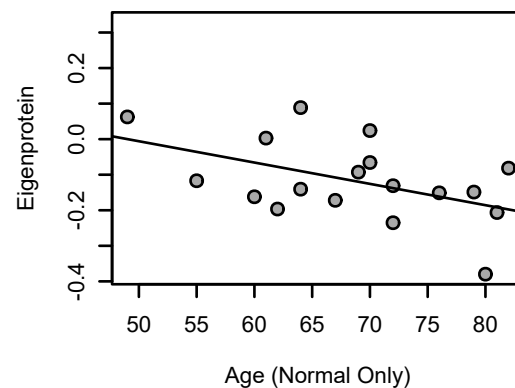
bicor=-0.6, p=0.00012
cor=-0.58, p=0.00026



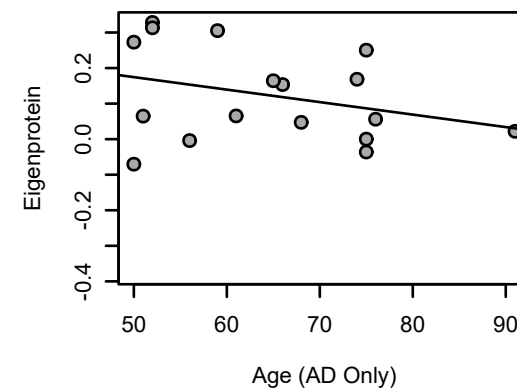
bicor=-0.62, p=0.00023
cor=-0.49, p=0.0051



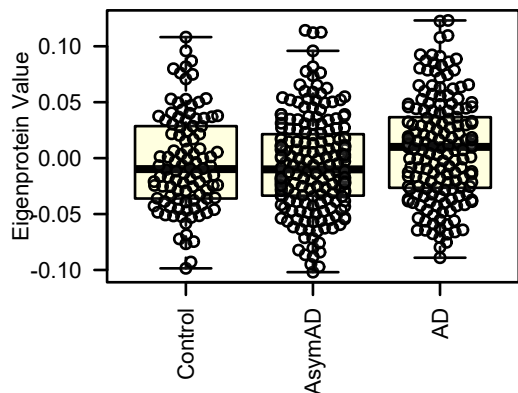
bicor=-0.46, p=0.057
cor=-0.49, p=0.039



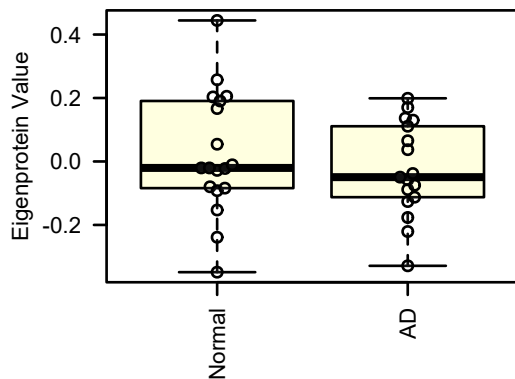
bicor=-0.3, p=0.24
cor=-0.32, p=0.21



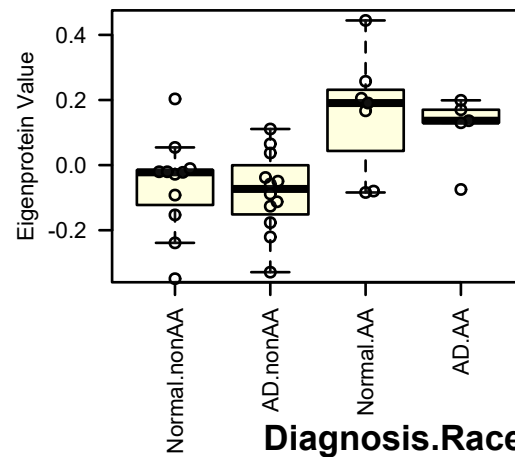
M19 lightyellow.MEGATMT488
Axonogenesis



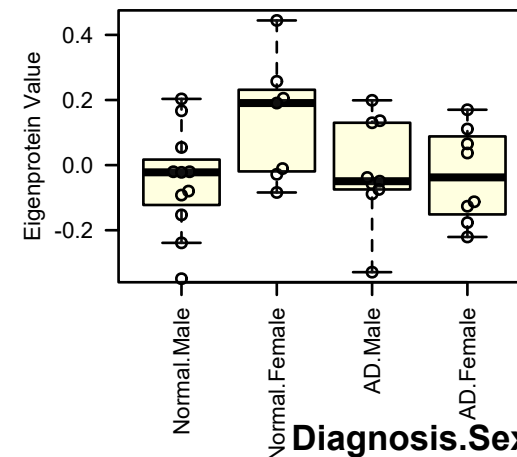
MElightyellow.CSF 35 Samp. (Synthetic)
ANOVA p: 0.41



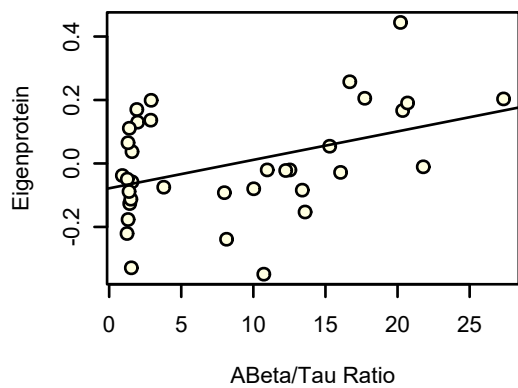
MElightyellow.CSF (Synthetic)
ANOVA p: 0.0029



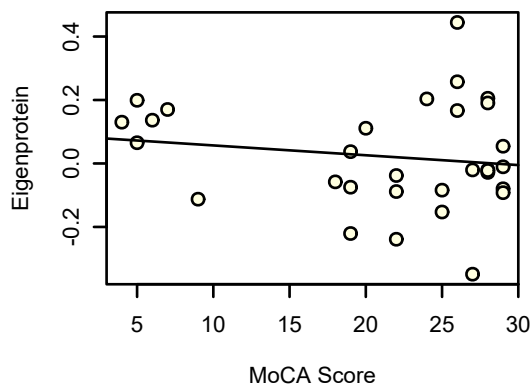
MElightyellow.CSF (Synthetic)
ANOVA p: 0.11



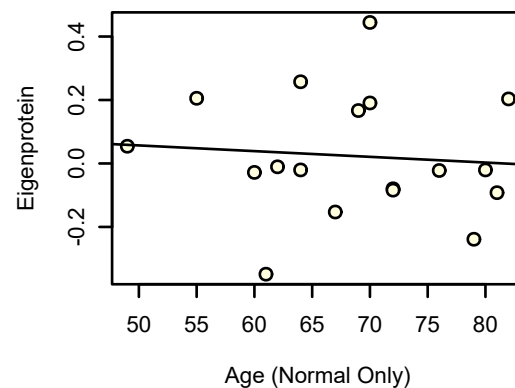
bicor=0.38, p=0.023
cor=0.41, p=0.014



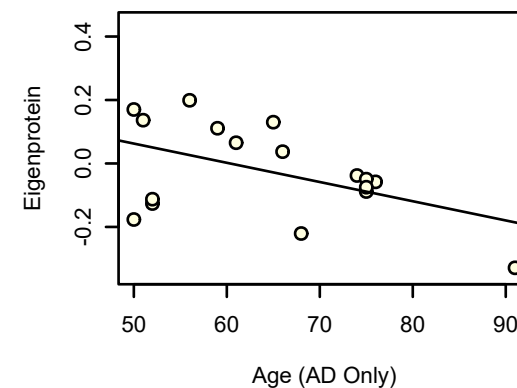
bicor=-0.025, p=0.89
cor=-0.16, p=0.39



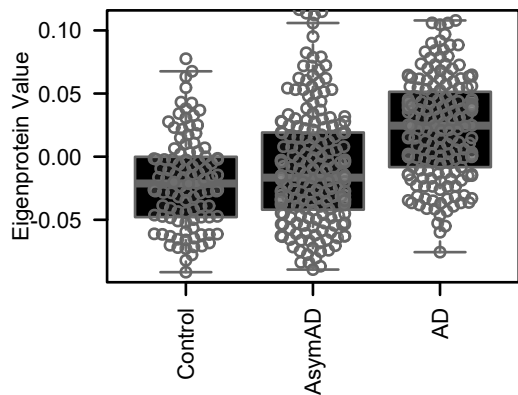
bicor=-0.14, p=0.58
cor=-0.086, p=0.73



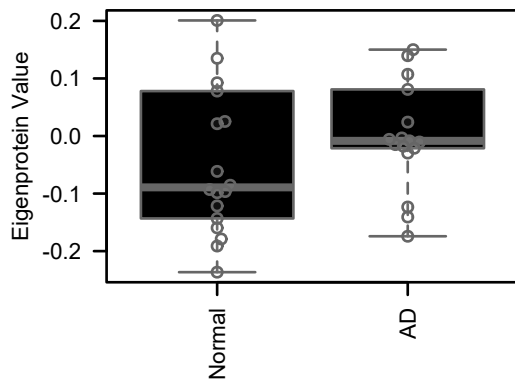
bicor=-0.46, p=0.064
cor=-0.49, p=0.046



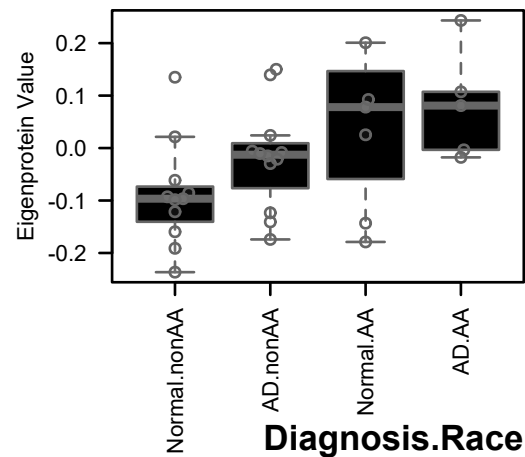
M7 black.MEGATMT488
MAPK/Metabolism



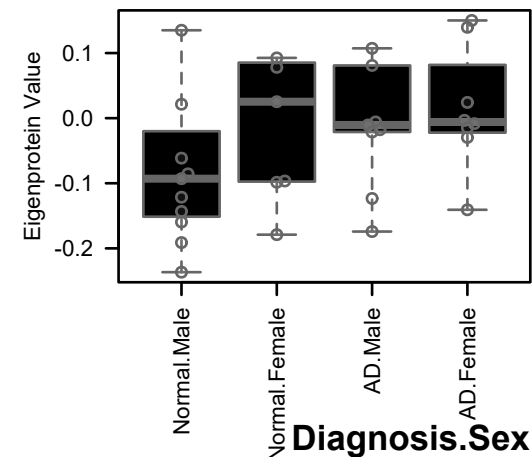
MEblack.CSF 35 Samp. (Synthetic)
ANOVA p: 0.71



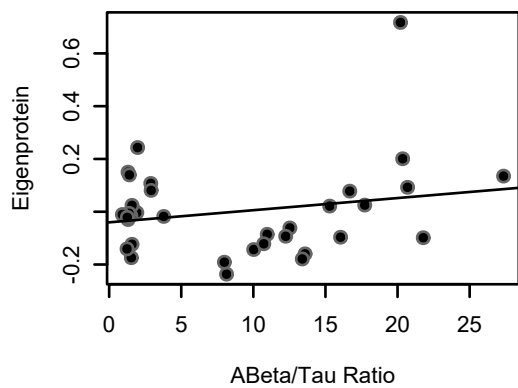
MEblack.CSF (Synthetic)
ANOVA p: 0.054



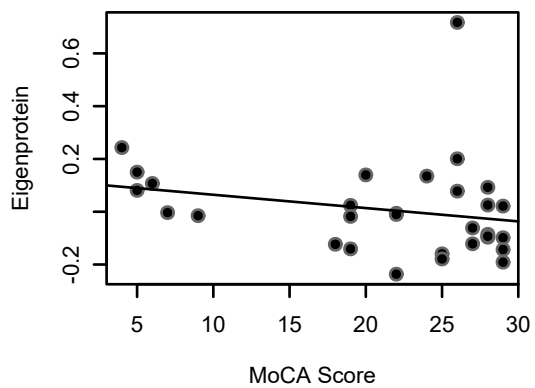
MEblack.CSF (Synthetic)
ANOVA p: 0.38



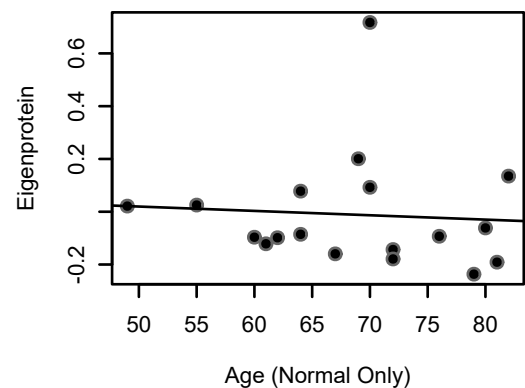
bicor=0.033, p=0.85
cor=0.21, p=0.23



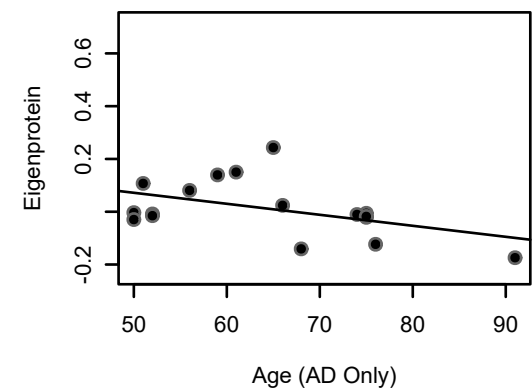
bicor=-0.22, p=0.24
cor=-0.23, p=0.21



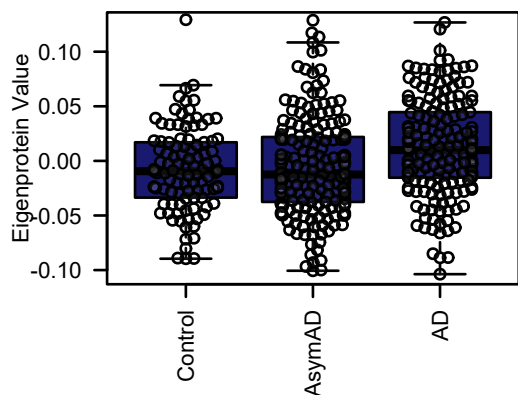
bicor=-0.23, p=0.35
cor=-0.07, p=0.78



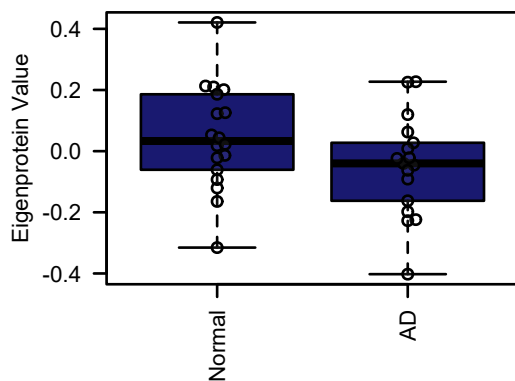
bicor=-0.54, p=0.025
cor=-0.46, p=0.063



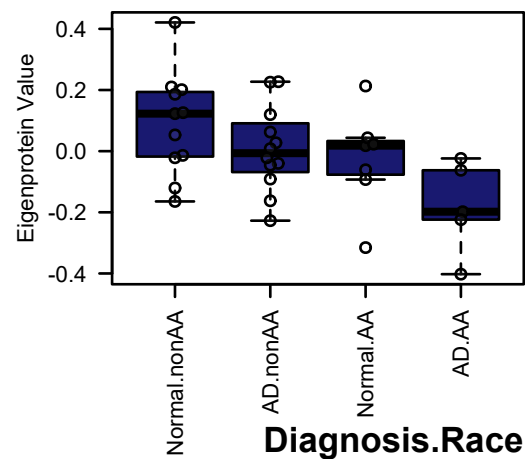
M15 midnightblue.MEGATMT488
Ambiguous



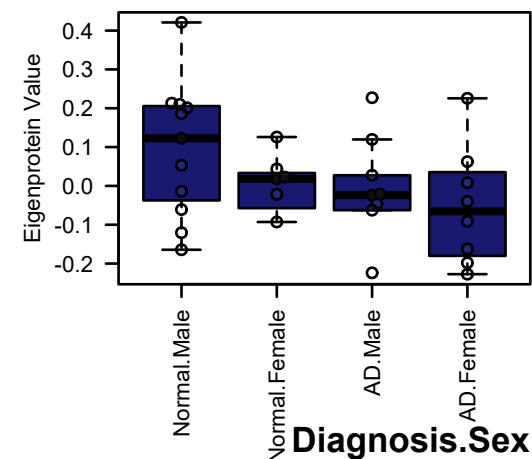
MEmidnightblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.1



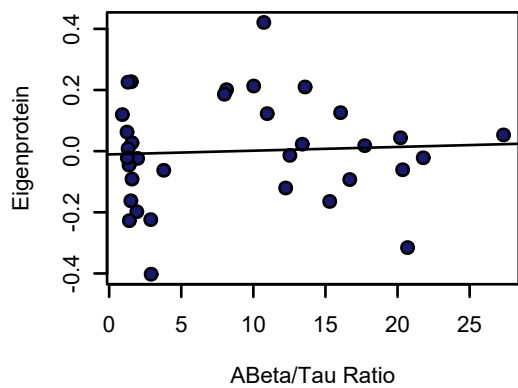
MEMidnightblue.CSF (Synthetic)
ANOVA p: 0.023



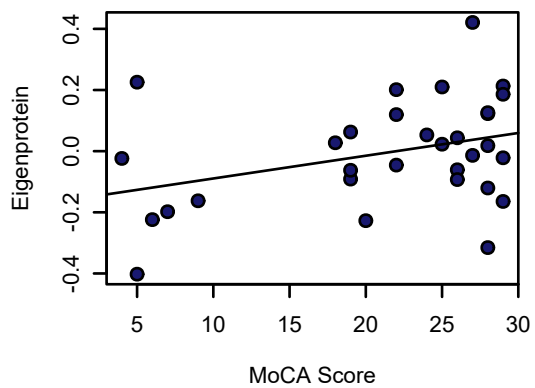
MEMidnightblue.CSF (Synthetic)
ANOVA p: 0.17



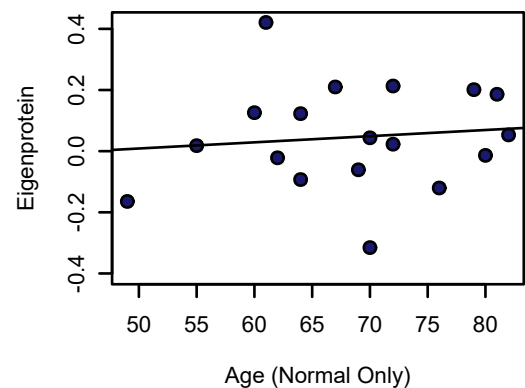
bicor=0.07, p=0.69
cor=0.056, p=0.75



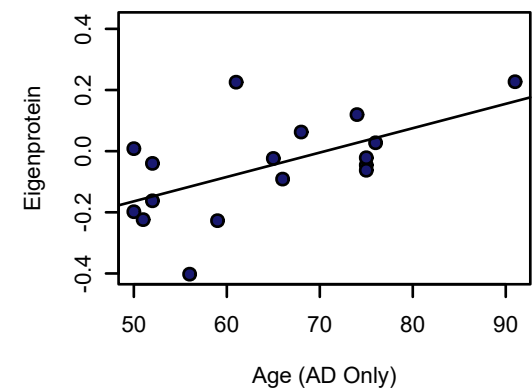
bicor=0.26, p=0.16
cor=0.35, p=0.054



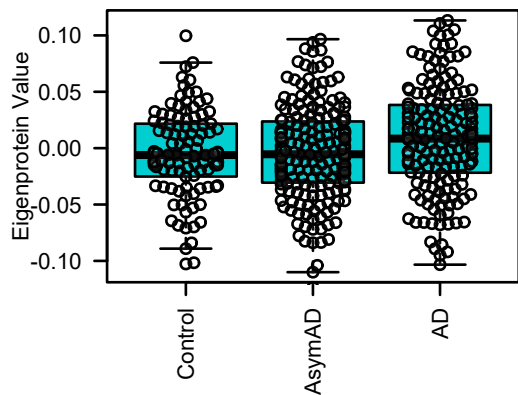
bicor=0.12, p=0.64
cor=0.11, p=0.66



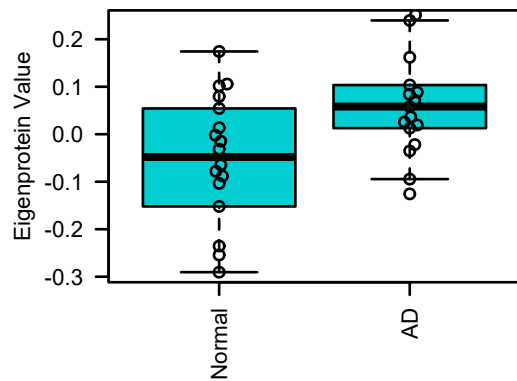
bicor=0.6, p=0.011
cor=0.58, p=0.015



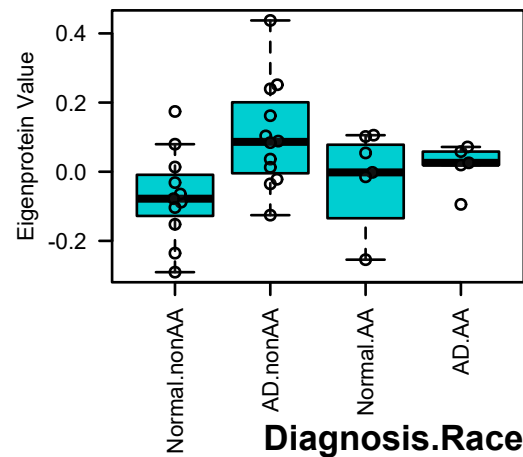
M23 darkturquoise.MEGATMT488
Ambiguous



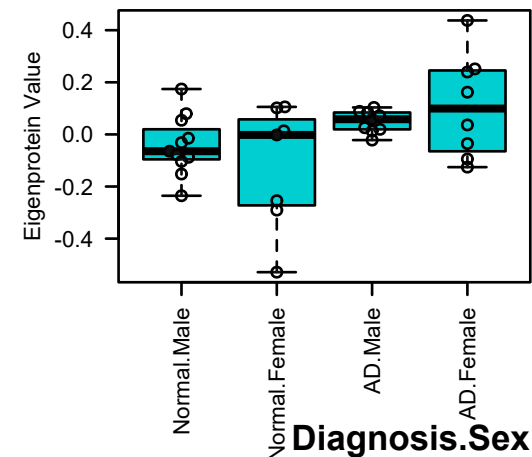
MEdarkturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.0075



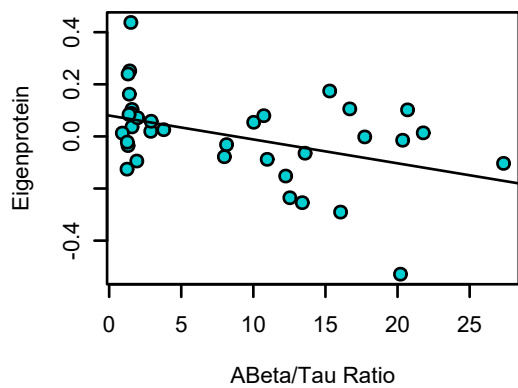
MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.046



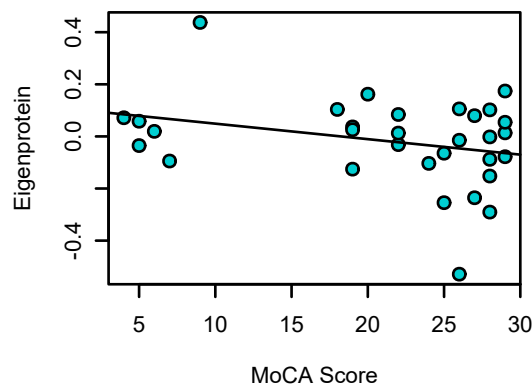
MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.034



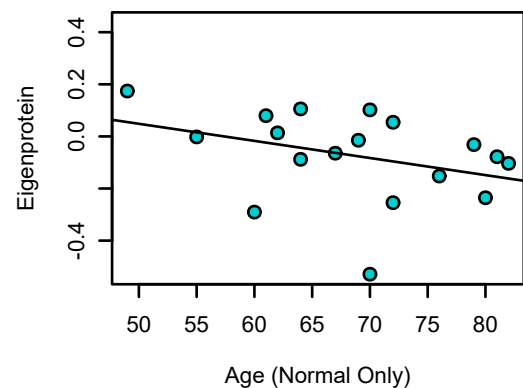
bicor=-0.38, p=0.024
cor=-0.42, p=0.012



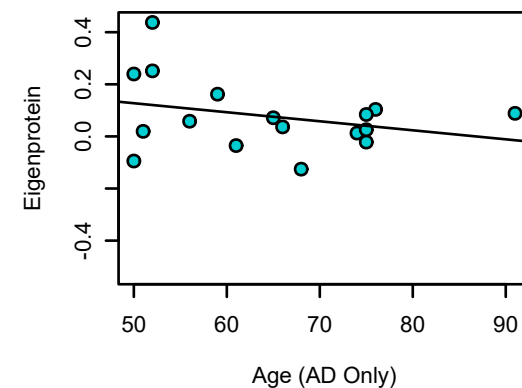
bicor=-0.23, p=0.22
cor=-0.29, p=0.11



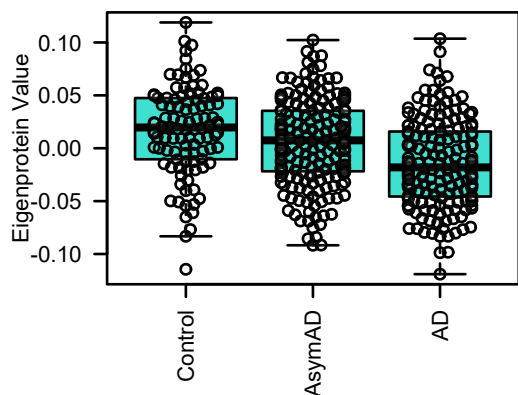
bicor=-0.39, p=0.11
cor=-0.35, p=0.15



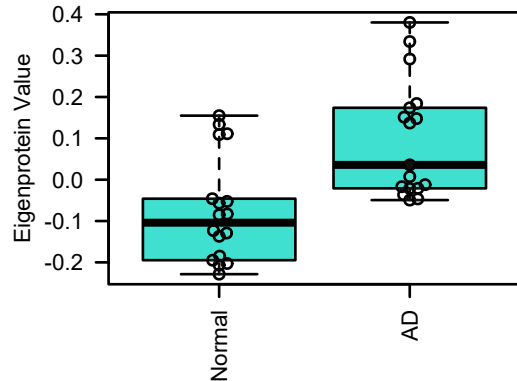
bicor=-0.13, p=0.61
cor=-0.3, p=0.24



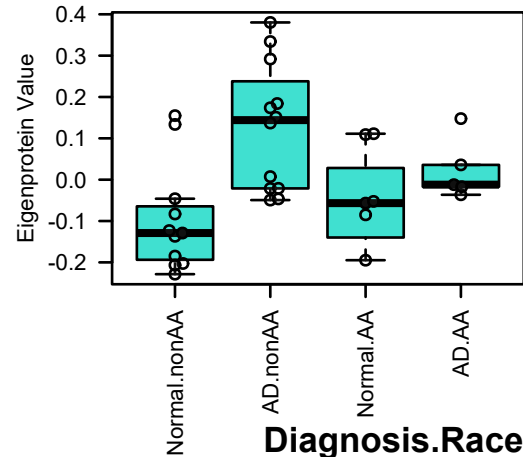
M1 turquoise.MEGATMT488
Synapse/Neuron



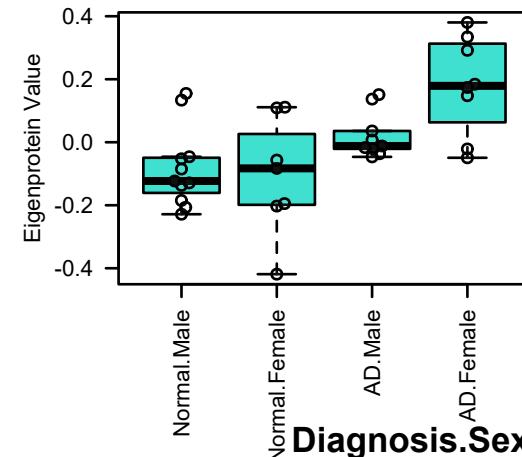
MEturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.00055



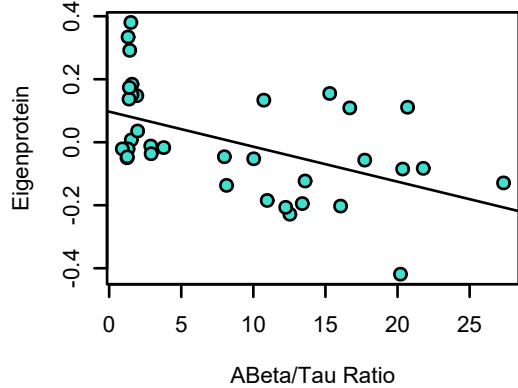
MEturquoise.CSF (Synthetic)
ANOVA p: 0.0039



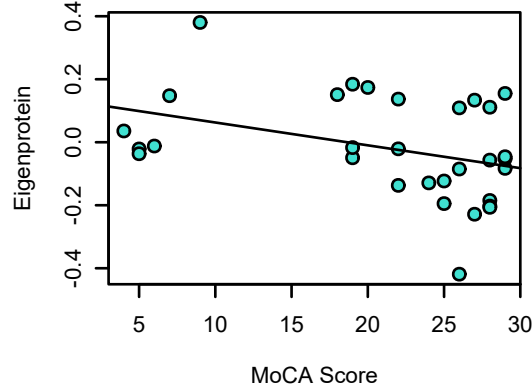
MEturquoise.CSF (Synthetic)
ANOVA p: 0.00074



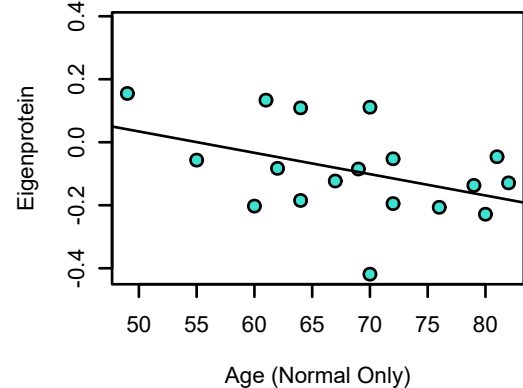
bicor=-0.5, p=0.0021
cor=-0.51, p=0.0017



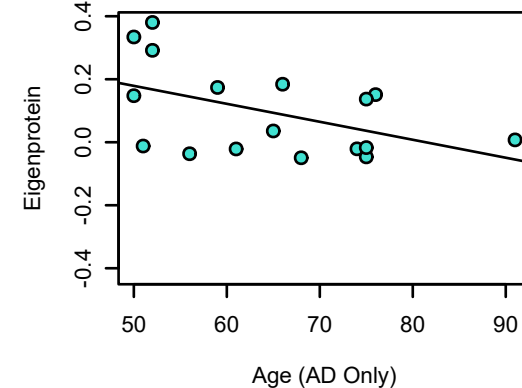
bicor=-0.47, p=0.0081
cor=-0.37, p=0.04



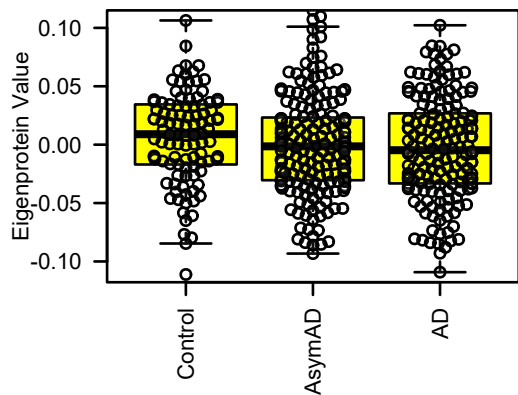
bicor=-0.42, p=0.084
cor=-0.42, p=0.083



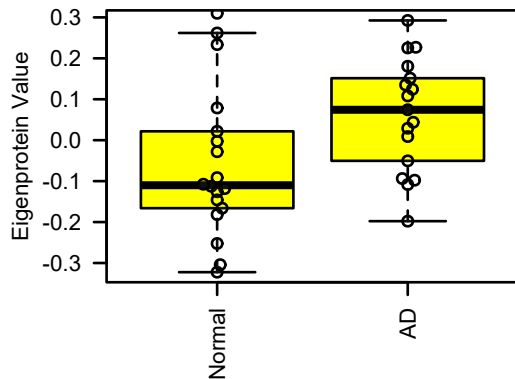
bicor=-0.44, p=0.077
cor=-0.48, p=0.051



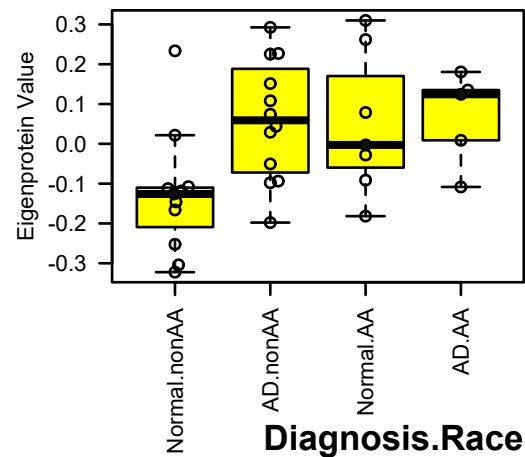
M4 yellow.MEGATMT488
Synapse/Neuron



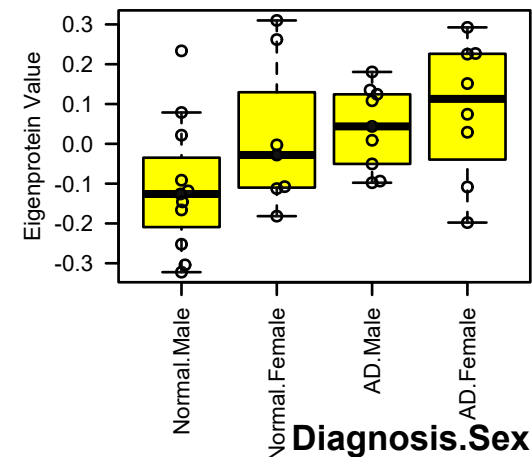
MEyellow.CSF 35 Samp. (Synthetic)
ANOVA p: 0.036



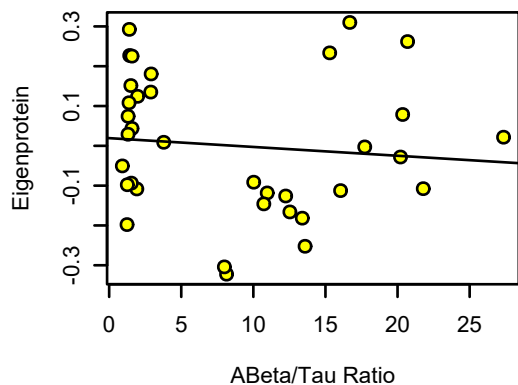
MEyellow.CSF (Synthetic)
ANOVA p: 0.023



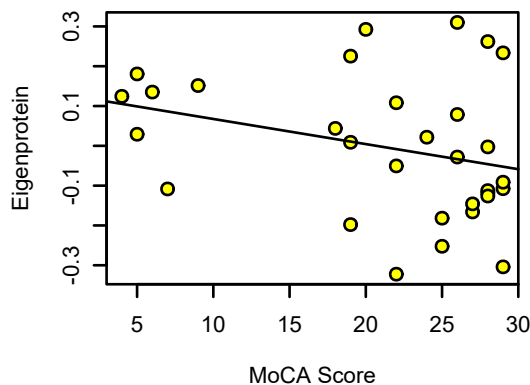
MEyellow.CSF (Synthetic)
ANOVA p: 0.063



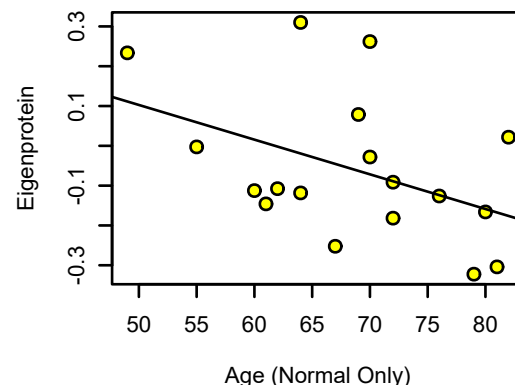
bicor=-0.13, p=0.47
cor=-0.1, p=0.57



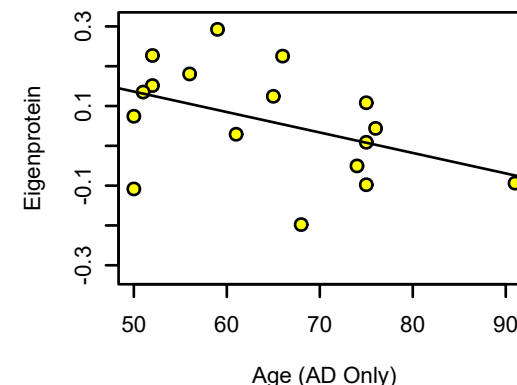
bicor=-0.27, p=0.14
cor=-0.3, p=0.1



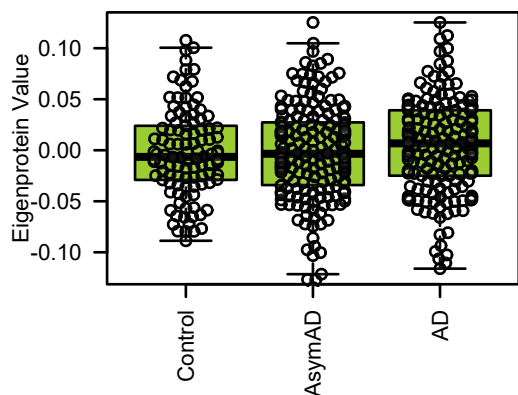
bicor=-0.44, p=0.067
cor=-0.44, p=0.068



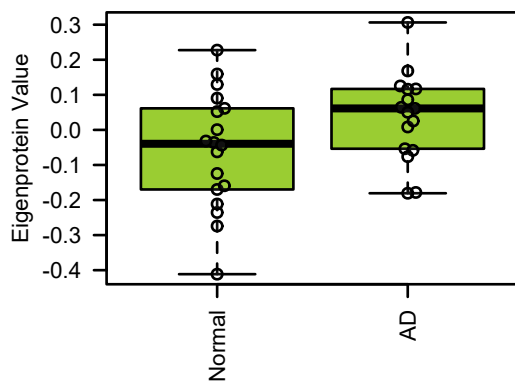
bicor=-0.46, p=0.066
cor=-0.45, p=0.07



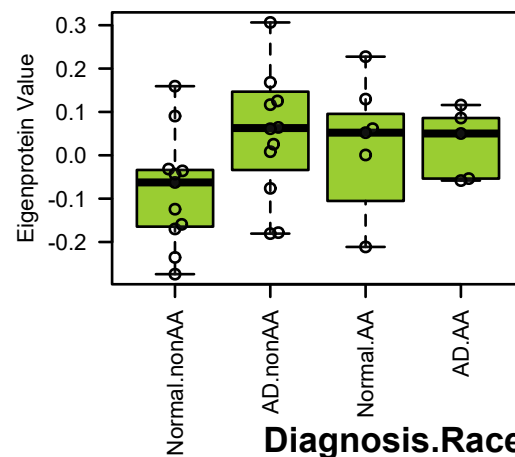
M36 yellowgreen.MEGATMT488
Neurotransmitter Regulation



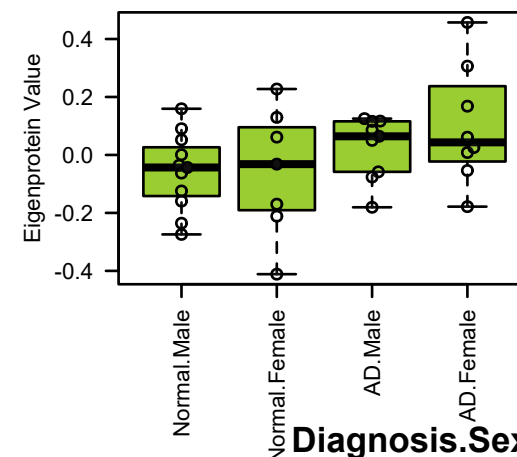
MEyellowgreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.039



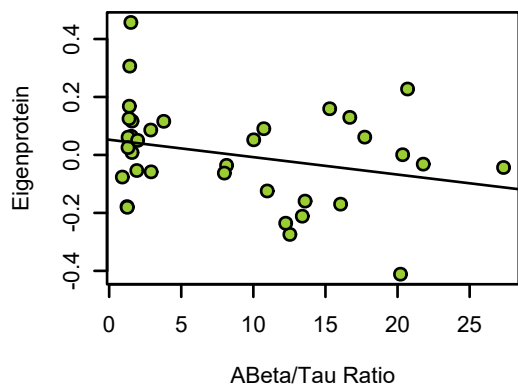
MEyellowgreen.CSF (Synthetic)
ANOVA p: 0.17



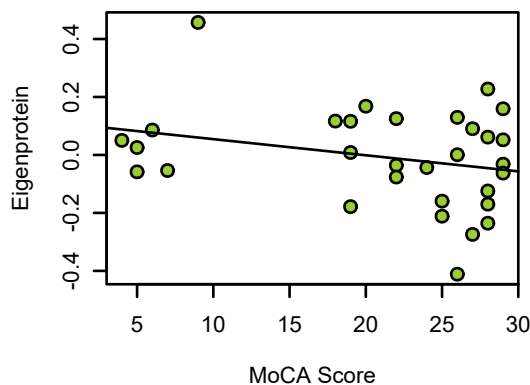
MEyellowgreen.CSF (Synthetic)
ANOVA p: 0.18



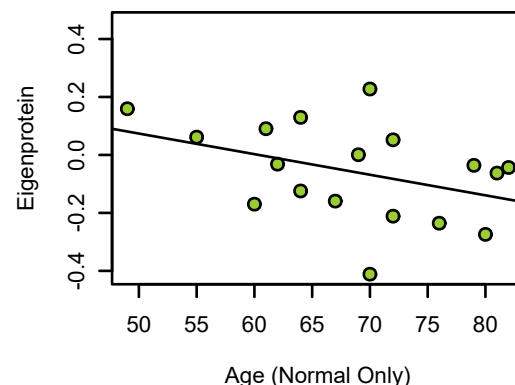
bicor=-0.26, p=0.13
cor=-0.27, p=0.12



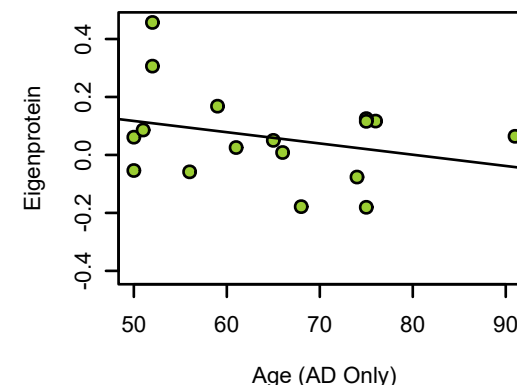
bicor=-0.25, p=0.18
cor=-0.27, p=0.14



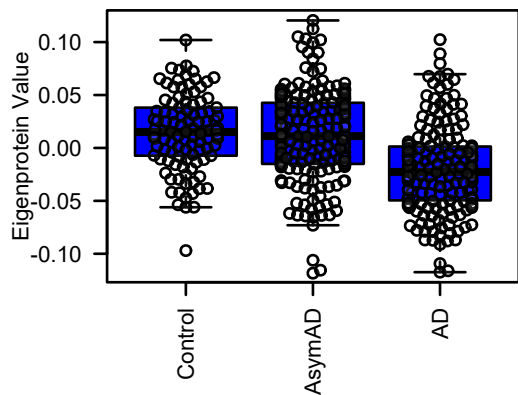
bicor=-0.38, p=0.12
cor=-0.39, p=0.11



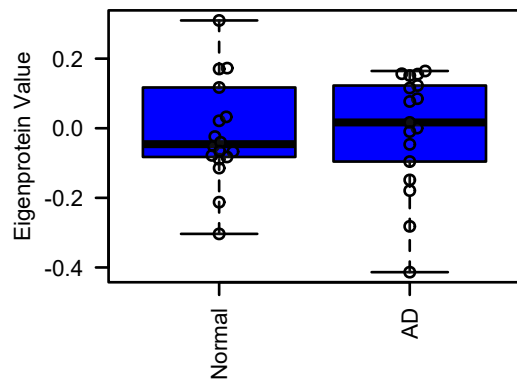
bicor=-0.18, p=0.49
cor=-0.29, p=0.26



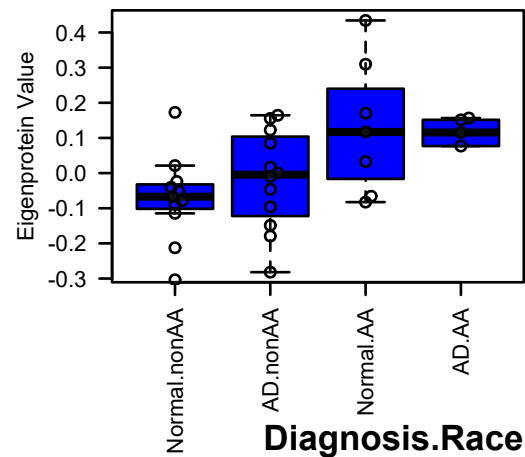
**M2 blue.MEGATMT488
Mitochondria**



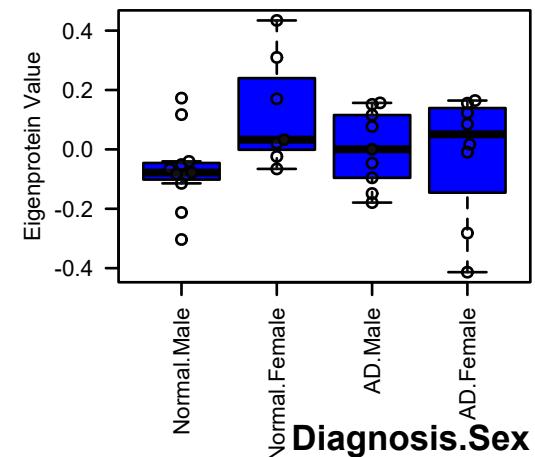
**MEblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.8**



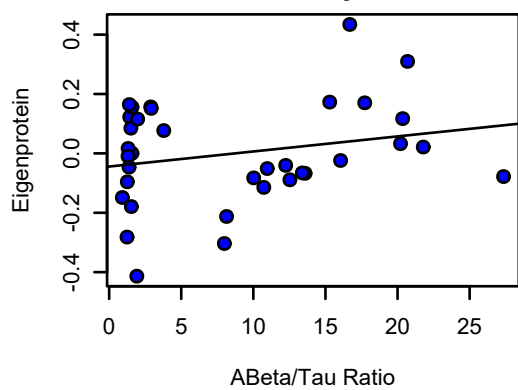
**MEblue.CSF (Synthetic)
ANOVA p: 0.098**



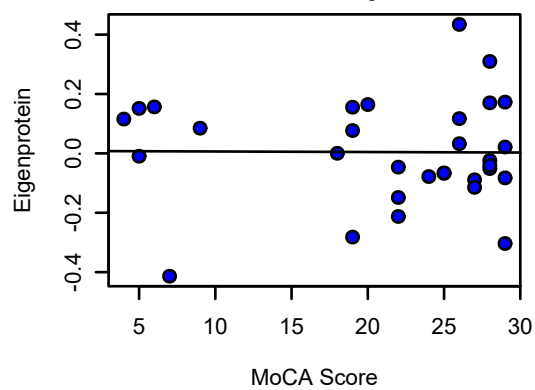
**MEblue.CSF (Synthetic)
ANOVA p: 0.13**



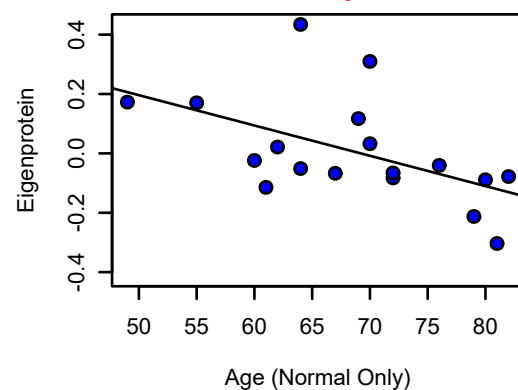
**bicor=0.2, p=0.25
cor=0.23, p=0.18**



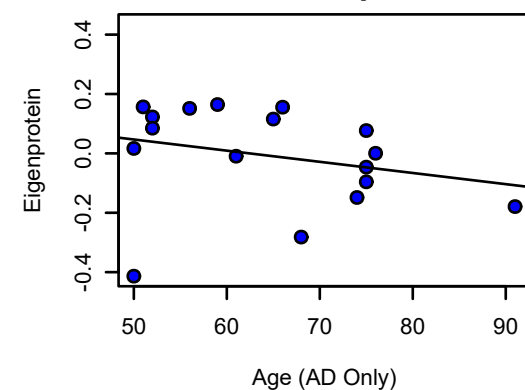
**bicor=-0.0034, p=0.99
cor=-0.0084, p=0.96**



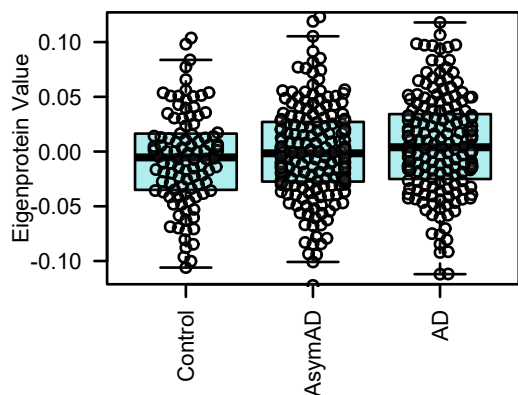
**bicor=-0.65, p=0.0037
cor=-0.53, p=0.024**



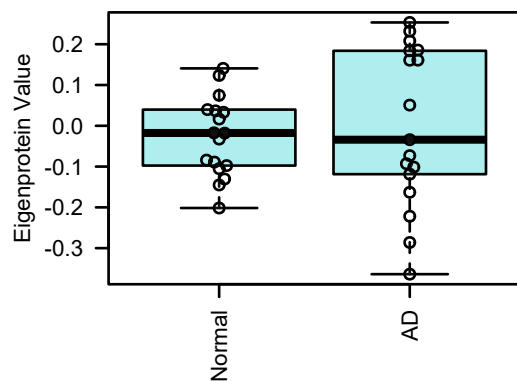
**bicor=-0.35, p=0.16
cor=-0.27, p=0.29**



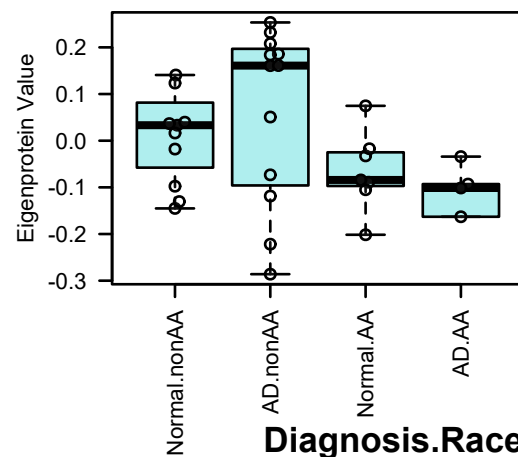
**M31 paleturquoise.MEGATMT488
Axon Node/Ion Channel**



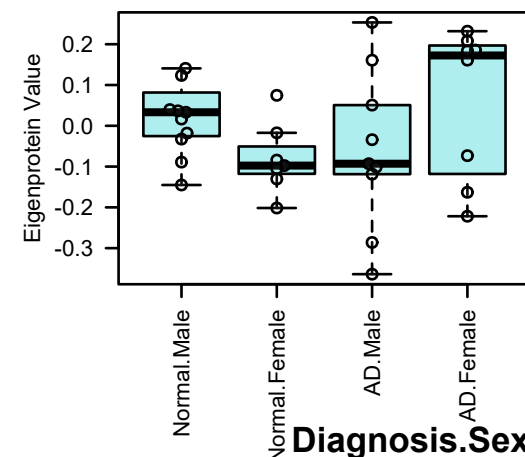
**MEpaleturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.97**



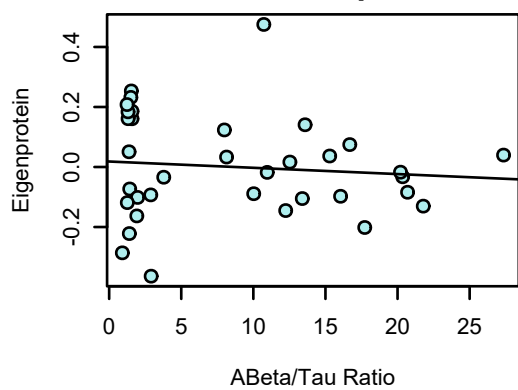
**MEpaleturquoise.CSF (Synthetic)
ANOVA p: 0.06**



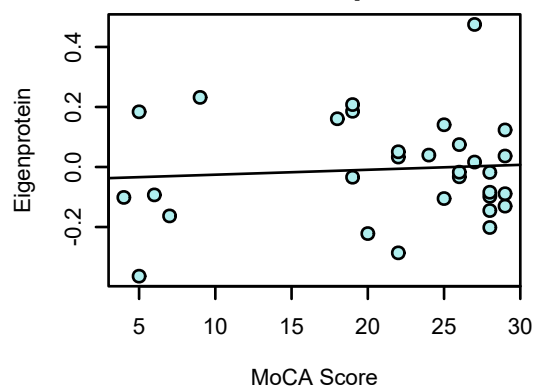
**MEpaleturquoise.CSF (Synthetic)
ANOVA p: 0.19**



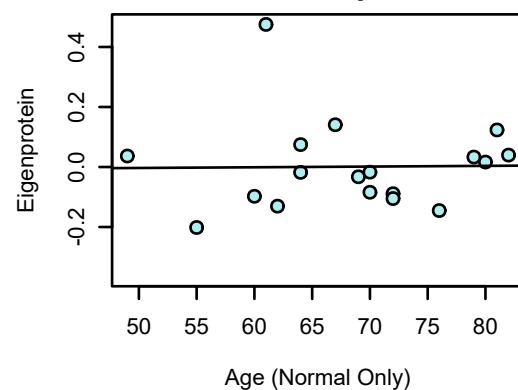
**bicor=-0.12, p=0.49
cor=-0.096, p=0.58**



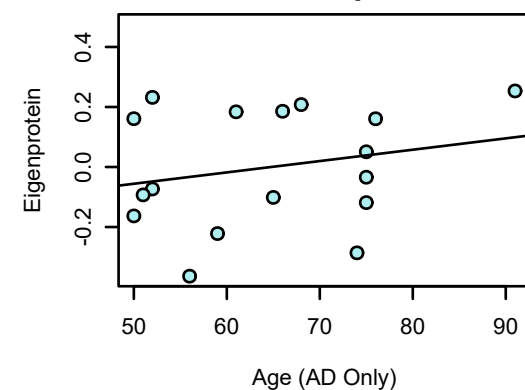
**bicor=-0.15, p=0.41
cor=0.079, p=0.67**



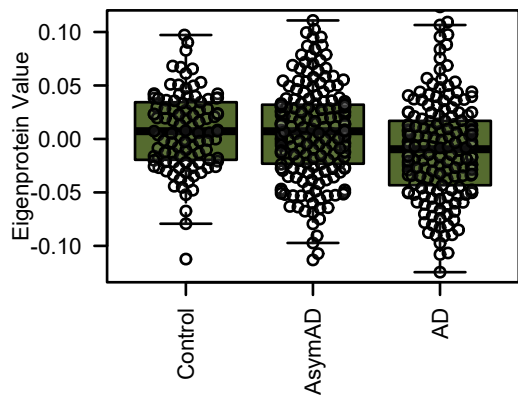
**bicor=0.2, p=0.43
cor=0.014, p=0.96**



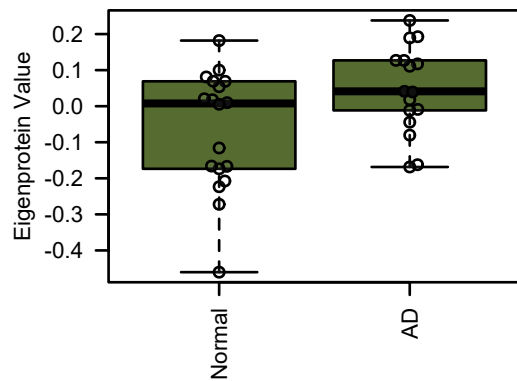
**bicor=0.2, p=0.43
cor=0.23, p=0.37**



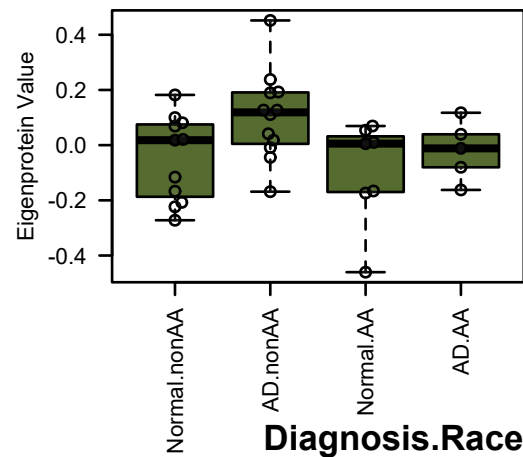
M33 darkolivegreen.MEGATMT488
Ambiguous



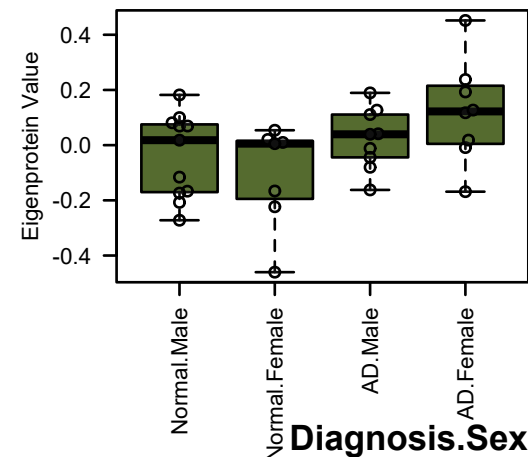
MEdarkolivegreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.018



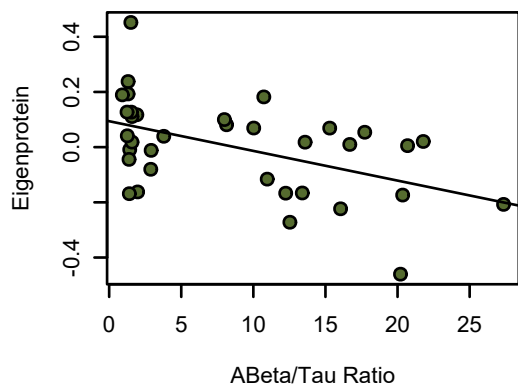
MEdarkolivegreen.CSF (Synthetic)
ANOVA p: 0.046



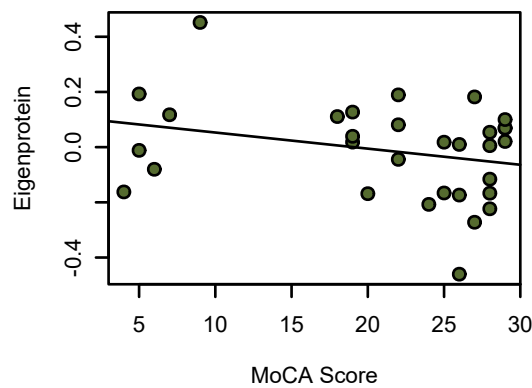
MEdarkolivegreen.CSF (Synthetic)
ANOVA p: 0.05



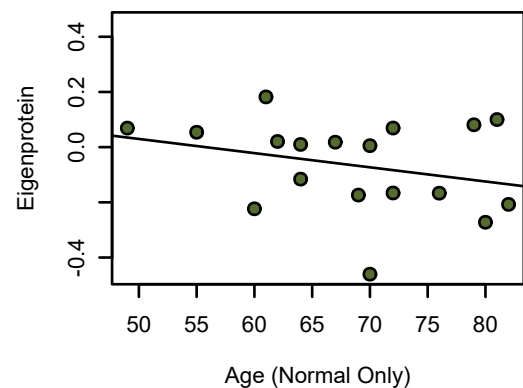
bicor=-0.48, p=0.0035
cor=-0.49, p=0.0028



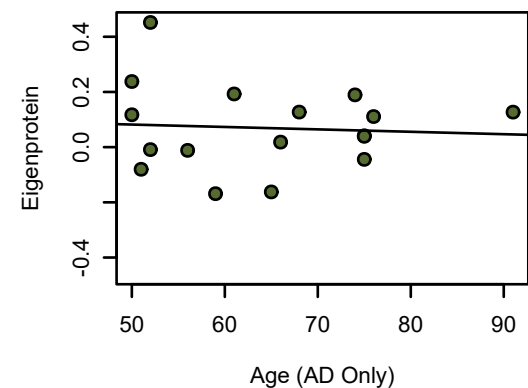
bicor=-0.24, p=0.18
cor=-0.28, p=0.13



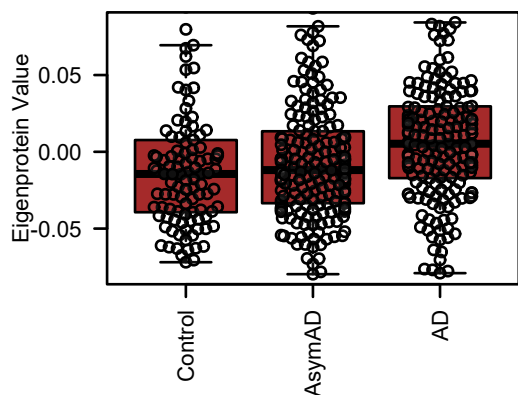
bicor=-0.24, p=0.35
cor=-0.29, p=0.24



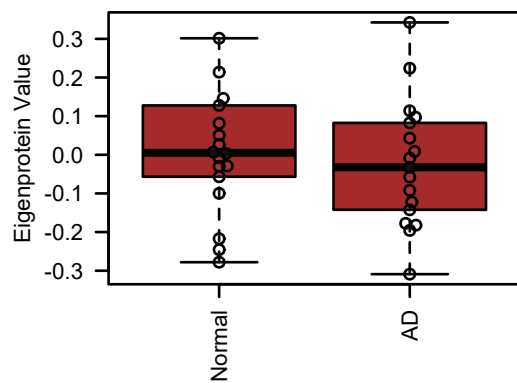
bicor=0.0082, p=0.97
cor=-0.068, p=0.8



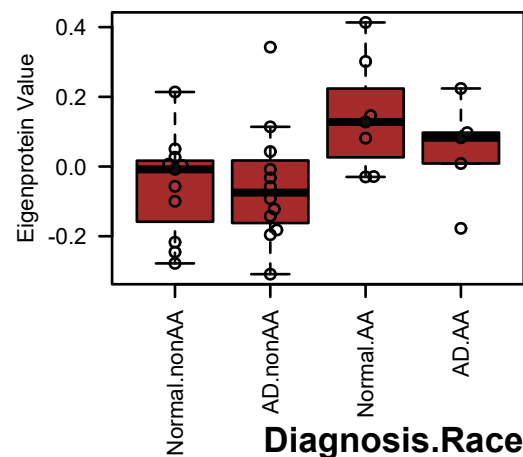
M3 brown.MEGATMT488
Oligo/Myelination



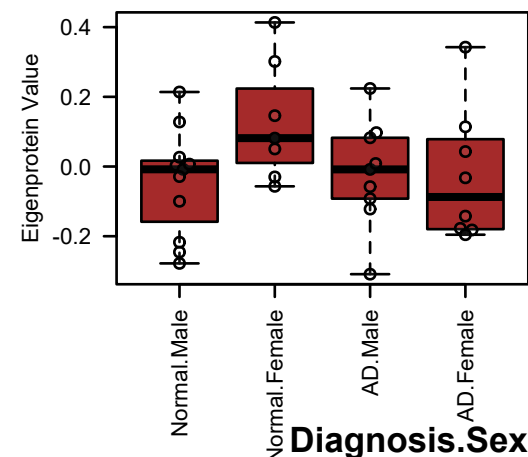
MEbrown.CSF 35 Samp. (Synthetic)
ANOVA p: 0.43



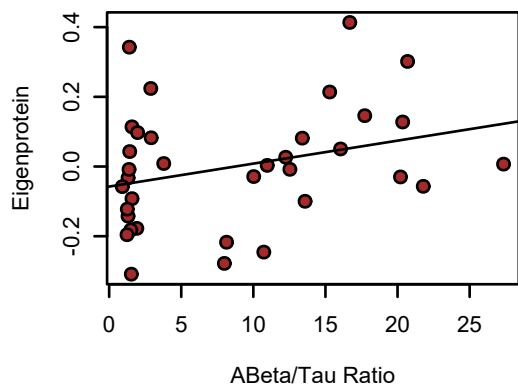
MEbrown.CSF (Synthetic)
ANOVA p: 0.046



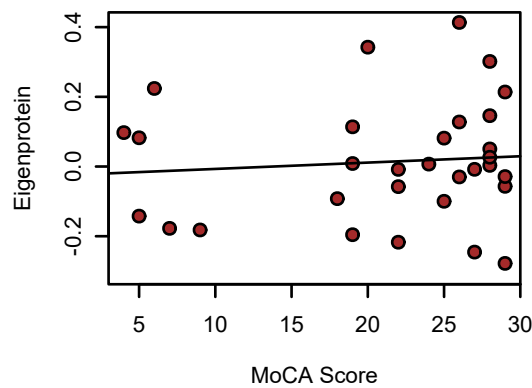
MEbrown.CSF (Synthetic)
ANOVA p: 0.16



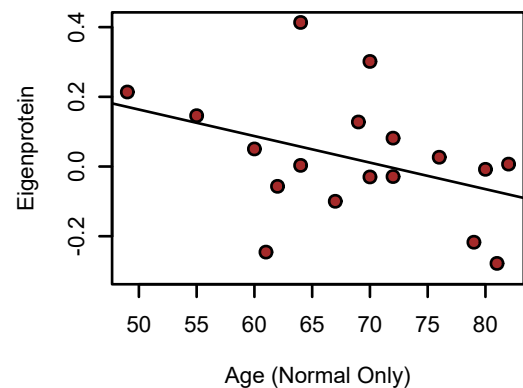
bicor=0.31, p=0.067
cor=0.3, p=0.08



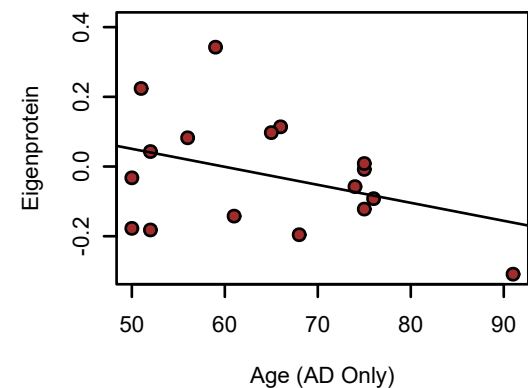
bicor=0.14, p=0.45
cor=0.088, p=0.64



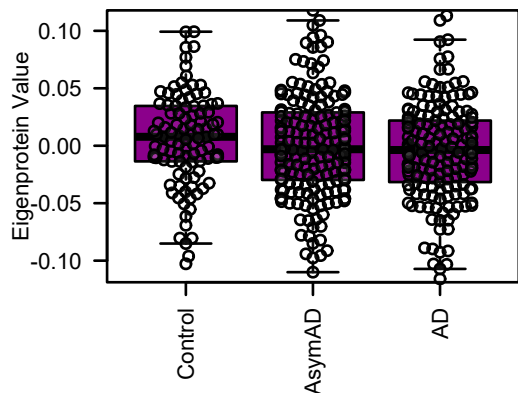
bicor=-0.41, p=0.095
cor=-0.39, p=0.11



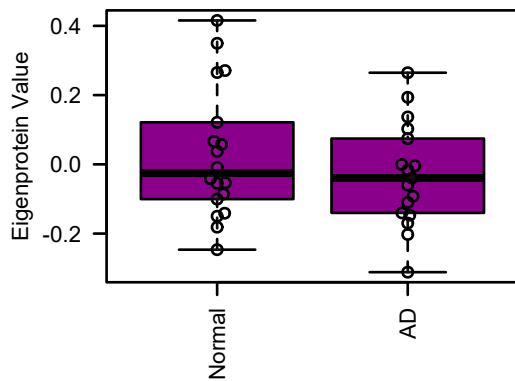
bicor=-0.35, p=0.17
cor=-0.38, p=0.13



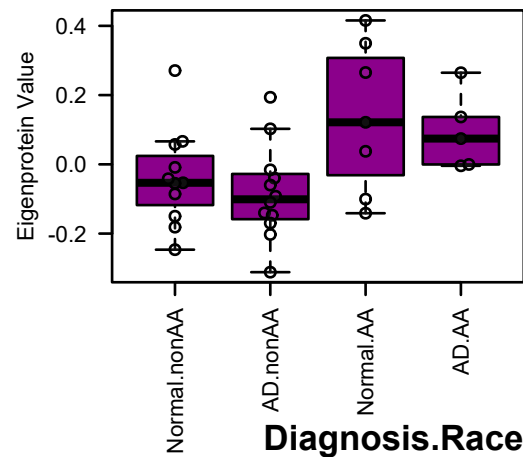
M34 darkmagenta.MEGATMT488
Ambiguous



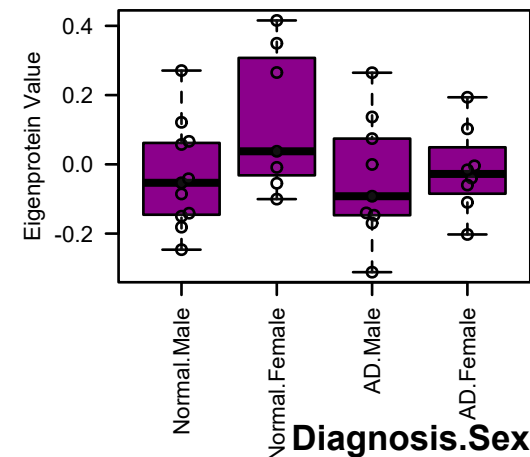
MEdarkmagenta.CSF 35 Samp. (Synthetic)
ANOVA p: 0.31



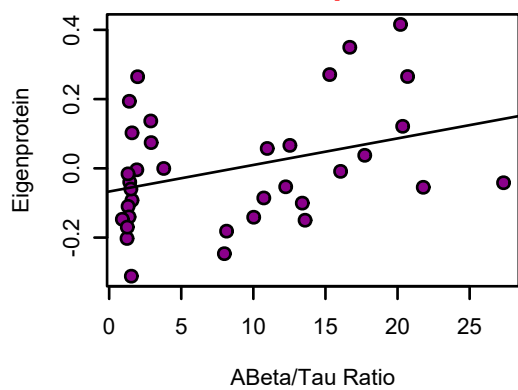
MEdarkmagenta.CSF (Synthetic)
ANOVA p: 0.019



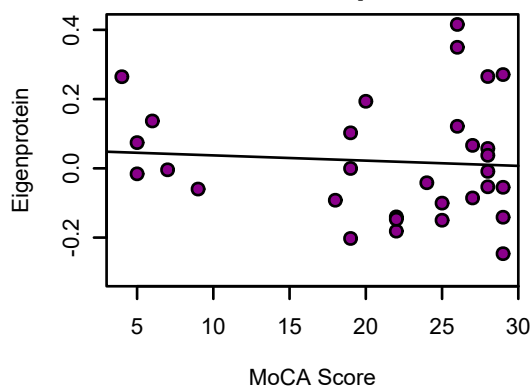
MEdarkmagenta.CSF (Synthetic)
ANOVA p: 0.17



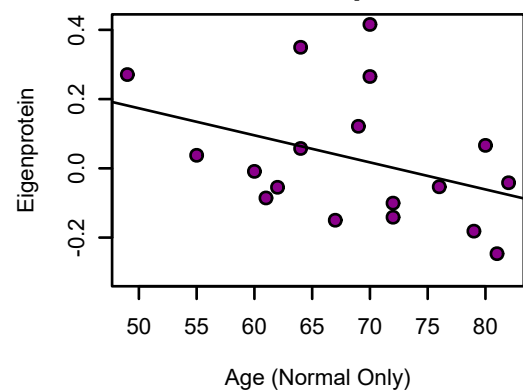
bicor=0.34, p=0.049
cor=0.35, p=0.039



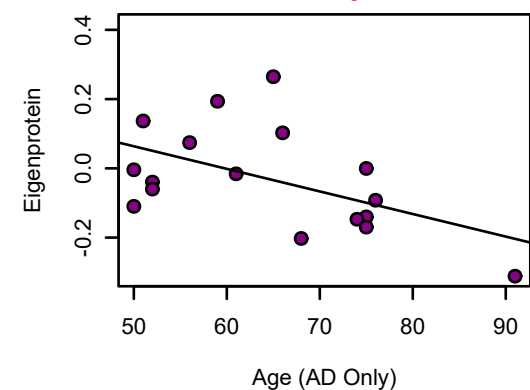
bicor=0.049, p=0.79
cor=-0.075, p=0.69



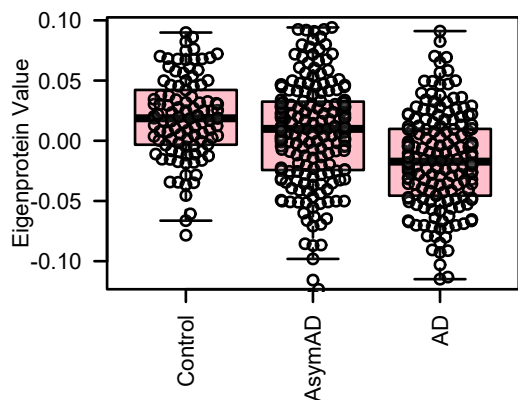
bicor=-0.42, p=0.086
cor=-0.38, p=0.12



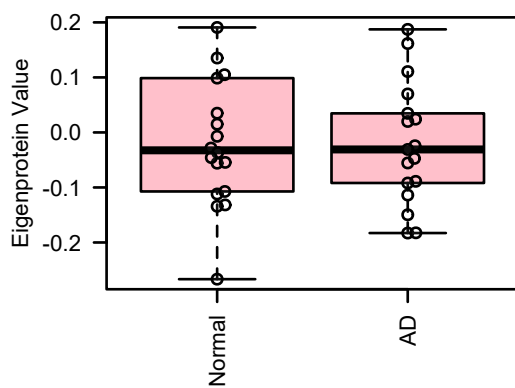
bicor=-0.52, p=0.032
cor=-0.52, p=0.032



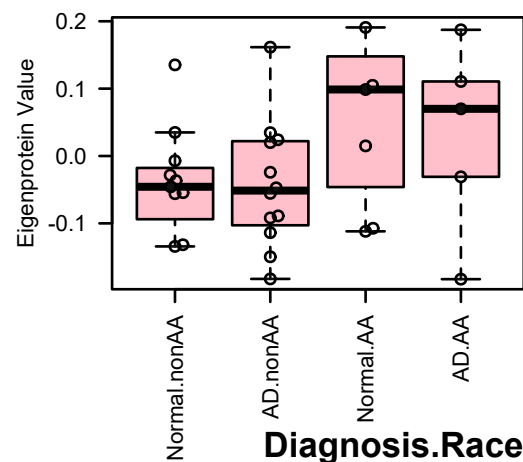
M8 pink.MEGATMT488
Protein Transport



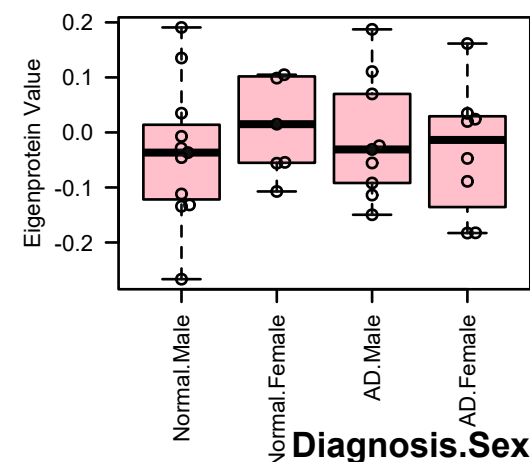
MEpink.CSF 35 Samp. (Synthetic)
ANOVA p: 0.49



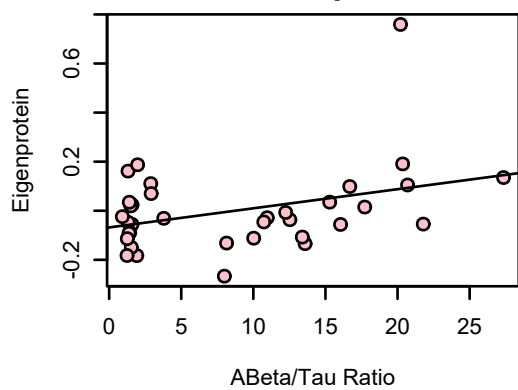
MEpink.CSF (Synthetic)
ANOVA p: 0.089



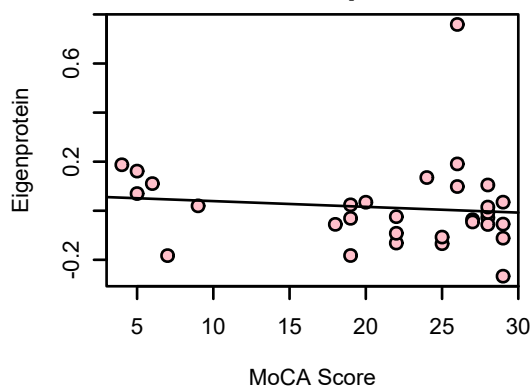
MEpink.CSF (Synthetic)
ANOVA p: 0.31



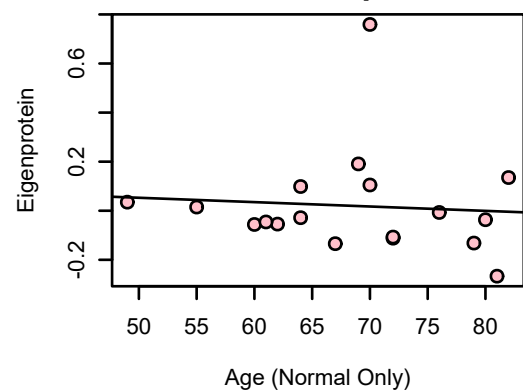
bicor=0.24, p=0.17
cor=0.36, p=0.034



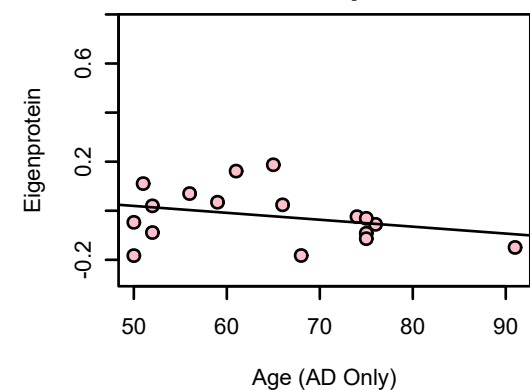
bicor=-0.11, p=0.57
cor=-0.11, p=0.56



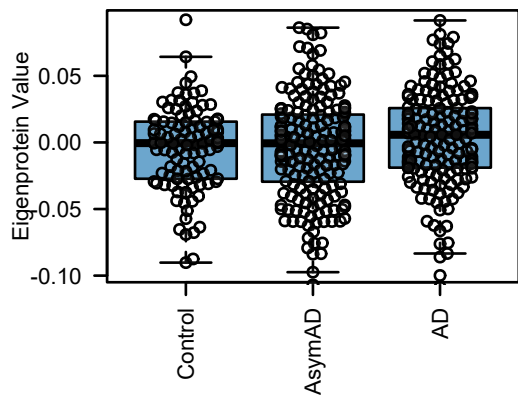
bicor=-0.22, p=0.37
cor=-0.076, p=0.76



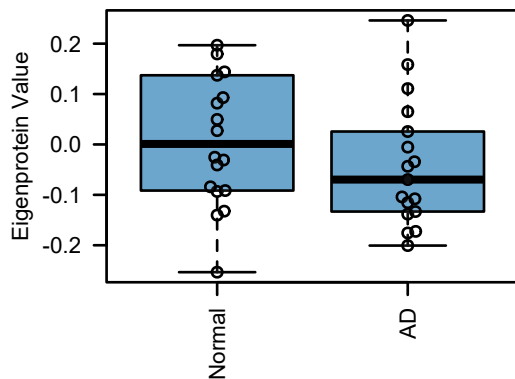
bicor=-0.33, p=0.2
cor=-0.3, p=0.24



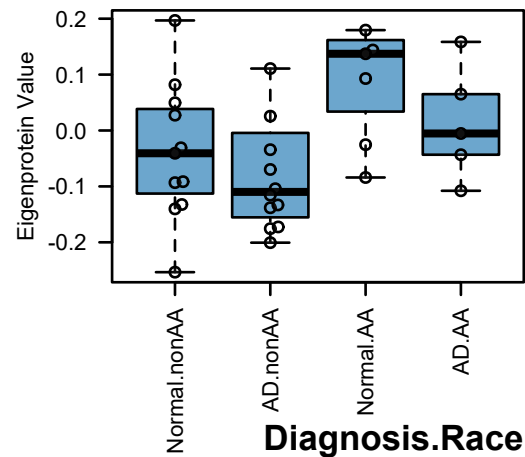
**M37 skyblue3.MEGATMT488
Endosome**



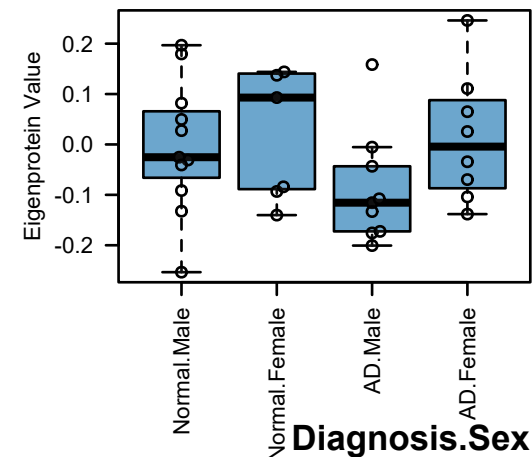
**MEskyblue3.CSF 35 Samp. (Synthetic)
ANOVA p: 0.17**



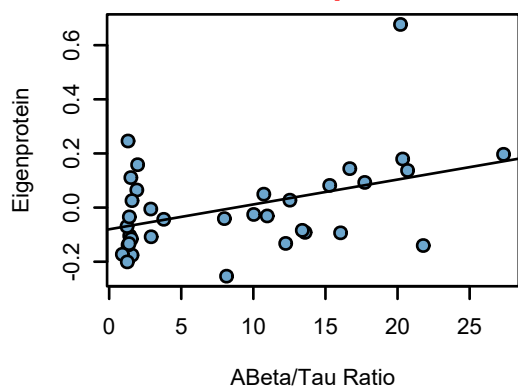
**MEskyblue3.CSF (Synthetic)
ANOVA p: 0.031**



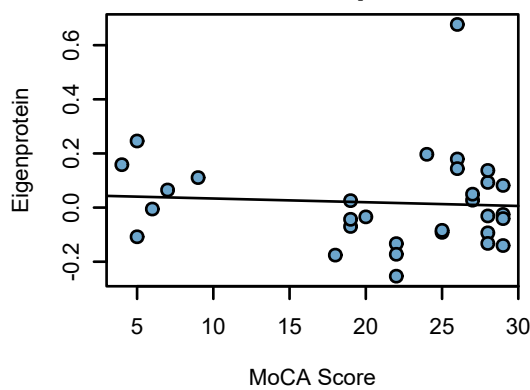
**MEskyblue3.CSF (Synthetic)
ANOVA p: 0.17**



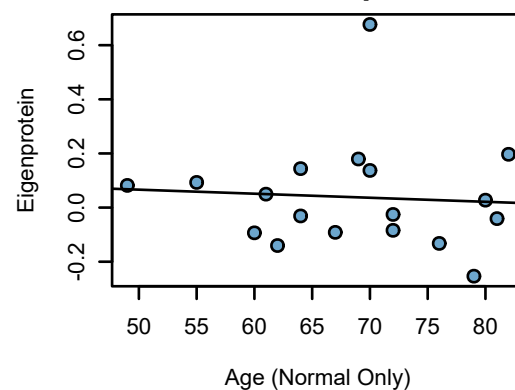
**bicor=0.36, p=0.032
cor=0.42, p=0.012**



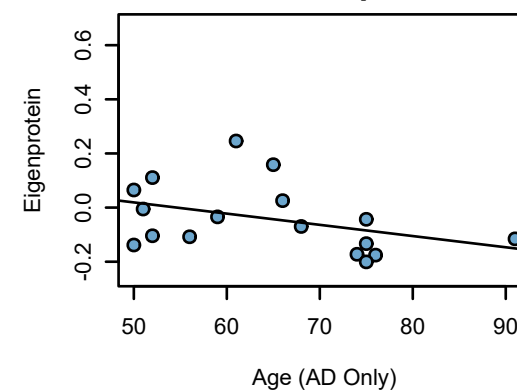
**bicor=0.028, p=0.88
cor=-0.066, p=0.72**



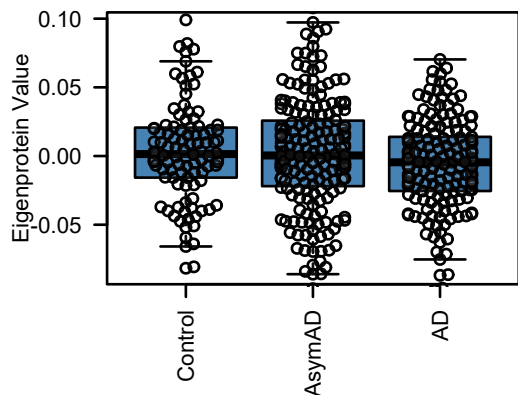
**bicor=-0.16, p=0.54
cor=-0.068, p=0.79**



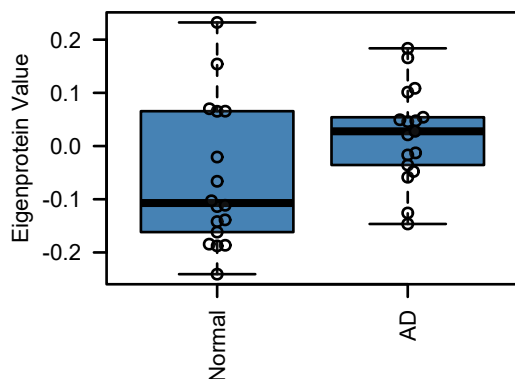
**bicor=-0.45, p=0.069
cor=-0.39, p=0.12**



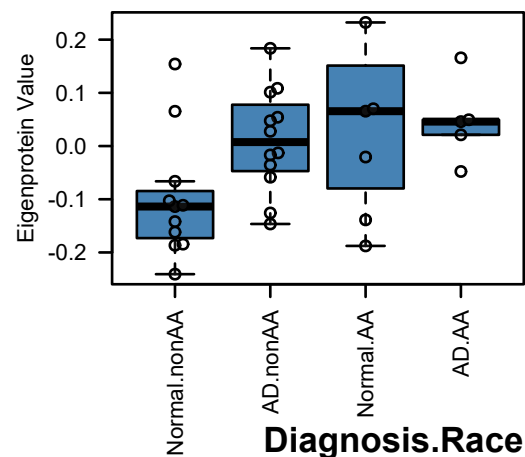
**M30 steelblue.MEGATMT488
Proteasome**



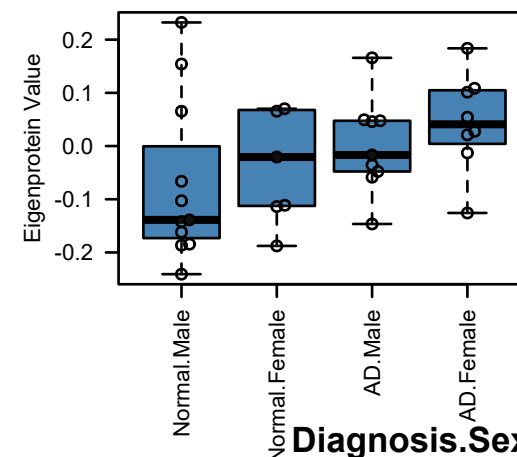
**MEsteelblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.48**



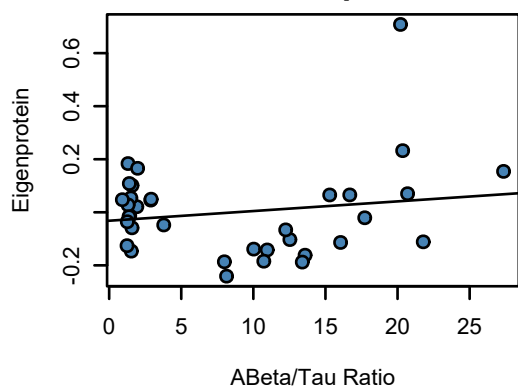
**MEsteelblue.CSF (Synthetic)
ANOVA p: 0.076**



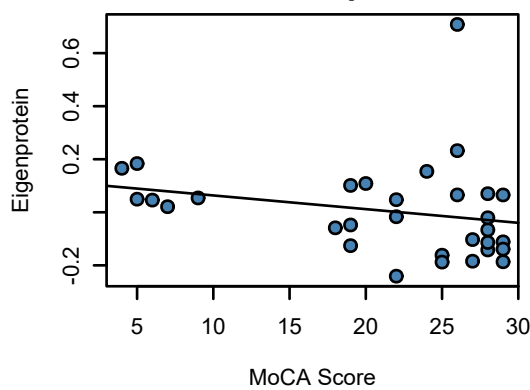
**MEsteelblue.CSF (Synthetic)
ANOVA p: 0.37**



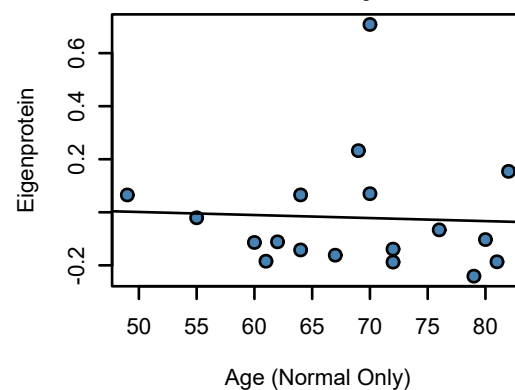
**bicor=-0.045, p=0.8
cor=0.17, p=0.33**



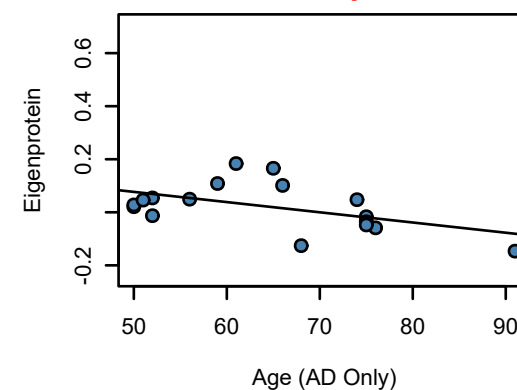
**bicor=-0.32, p=0.077
cor=-0.24, p=0.19**



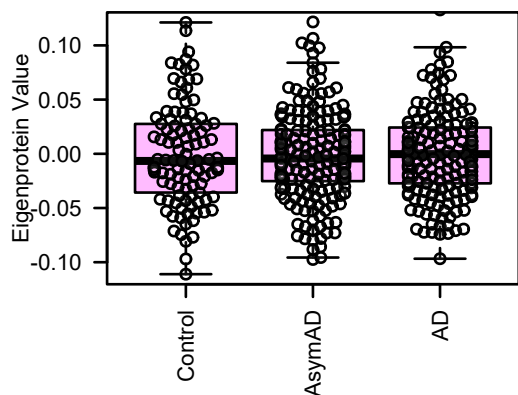
**bicor=-0.2, p=0.42
cor=-0.047, p=0.85**



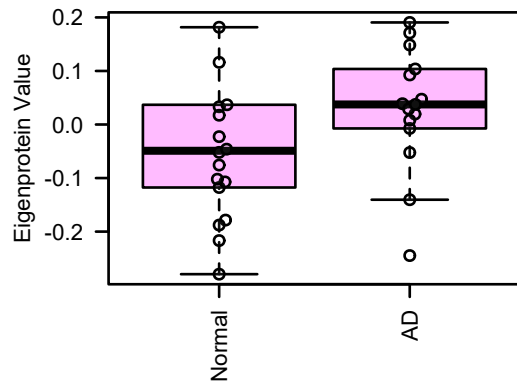
**bicor=-0.49, p=0.044
cor=-0.51, p=0.036**



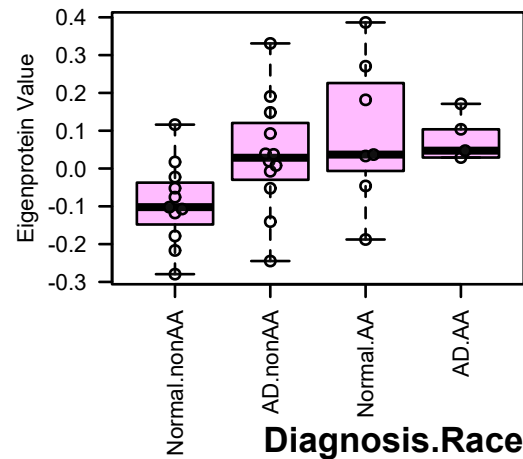
M38 plum1.MEGATMT488
Heat Shock/Folding



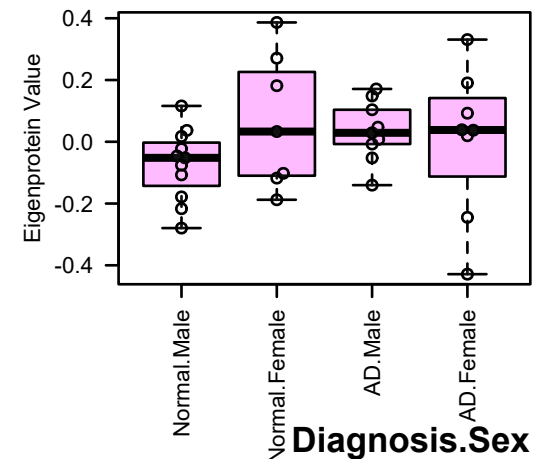
MEplum1.CSF 35 Samp. (Synthetic)
ANOVA p: 0.51



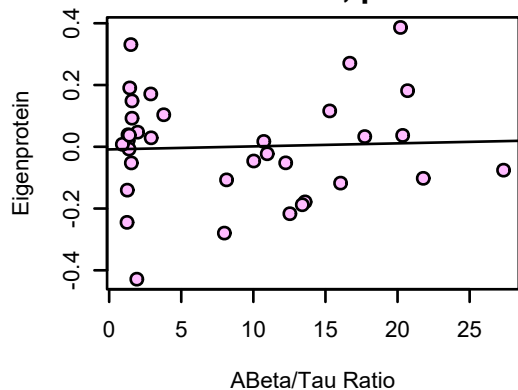
MEplum1.CSF (Synthetic)
ANOVA p: 0.11



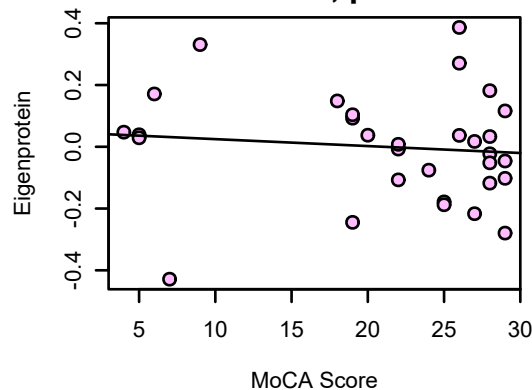
MEplum1.CSF (Synthetic)
ANOVA p: 0.34



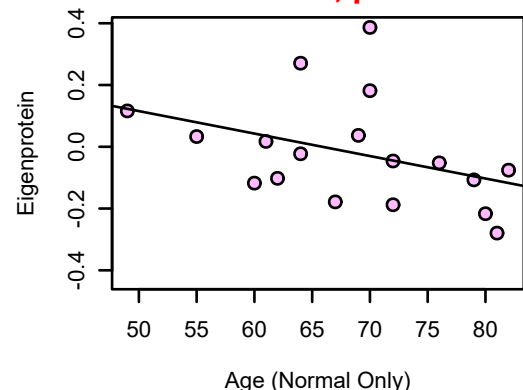
bicor=-0.019, p=0.91
cor=0.045, p=0.8



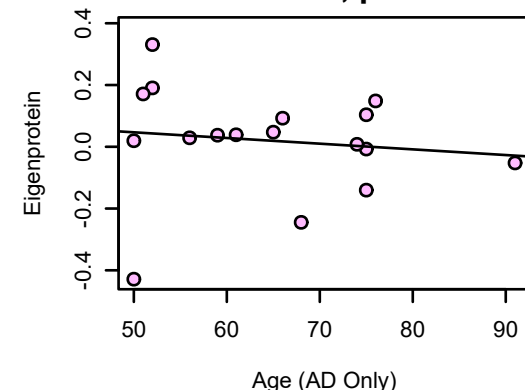
bicor=-0.16, p=0.4
cor=-0.11, p=0.56



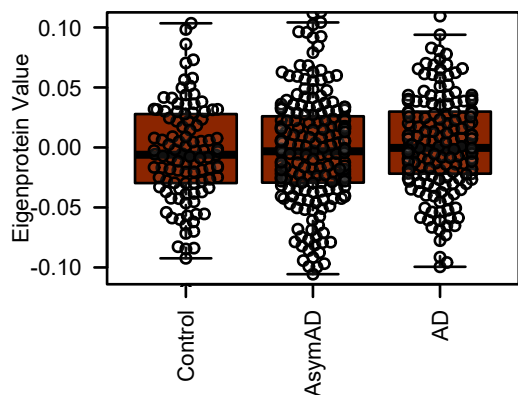
bicor=-0.49, p=0.041
cor=-0.39, p=0.11



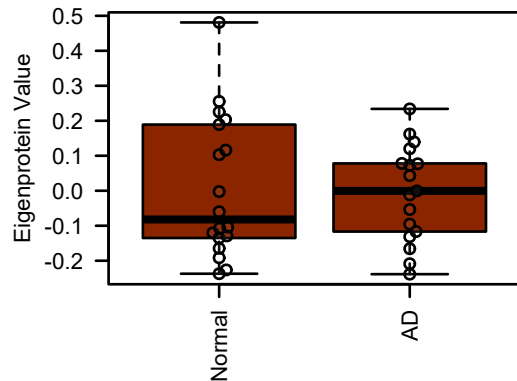
bicor=-0.4, p=0.11
cor=-0.13, p=0.62



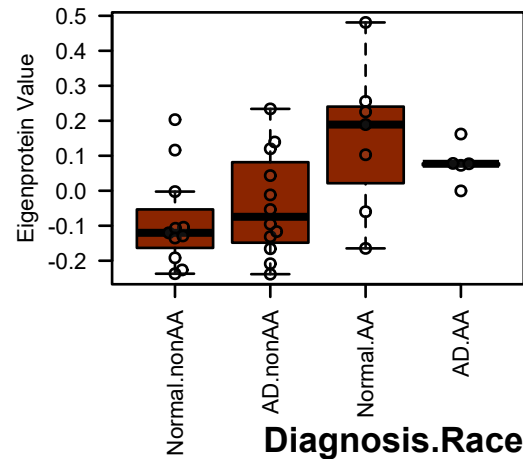
M39 orangered4.MEGATMT488
Translation Initiation



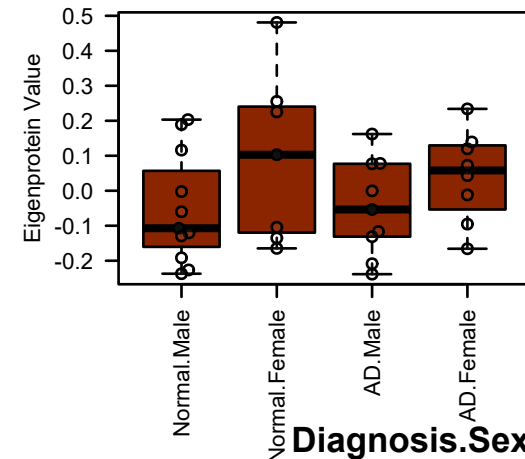
MEorangered4.CSF 35 Samp. (Synthetic)
ANOVA p: 0.85



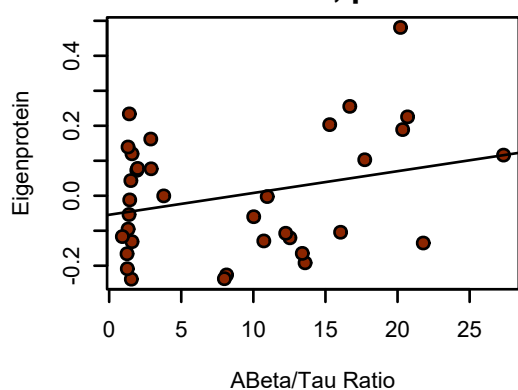
MEorangered4.CSF (Synthetic)
ANOVA p: 0.016



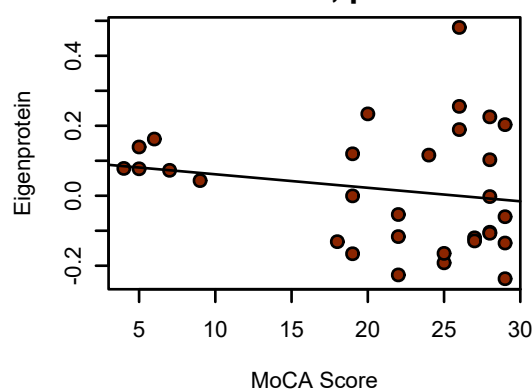
MEorangered4.CSF (Synthetic)
ANOVA p: 0.24



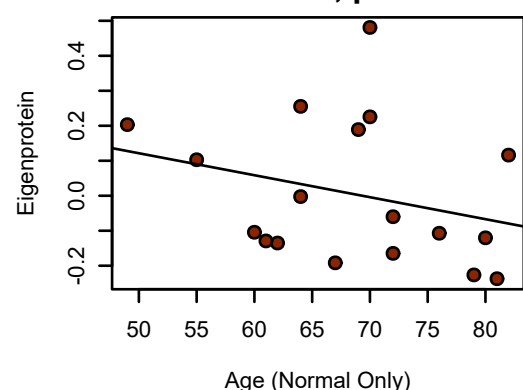
bicor=0.25, p=0.15
cor=0.28, p=0.1



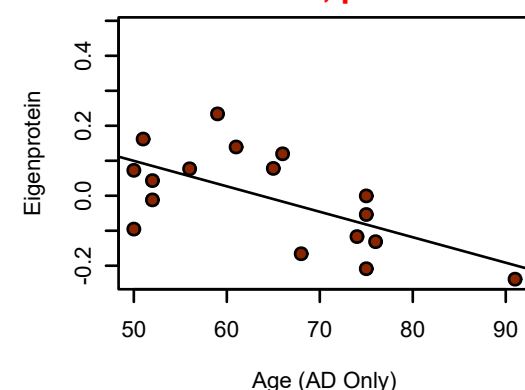
bicor=-0.11, p=0.56
cor=-0.19, p=0.31



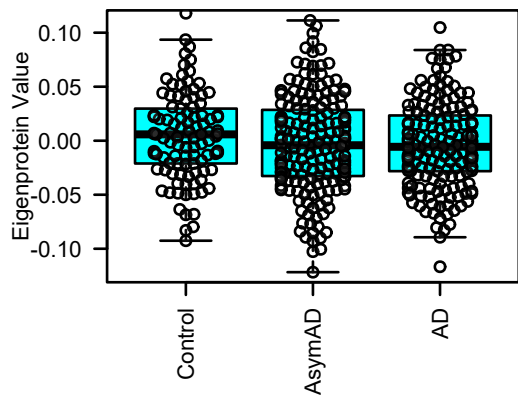
bicor=-0.34, p=0.17
cor=-0.29, p=0.24



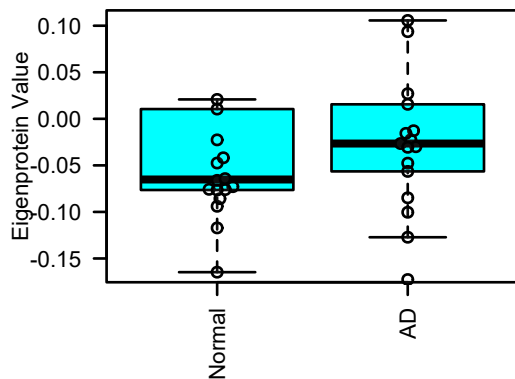
bicor=-0.63, p=0.0073
cor=-0.63, p=0.0067



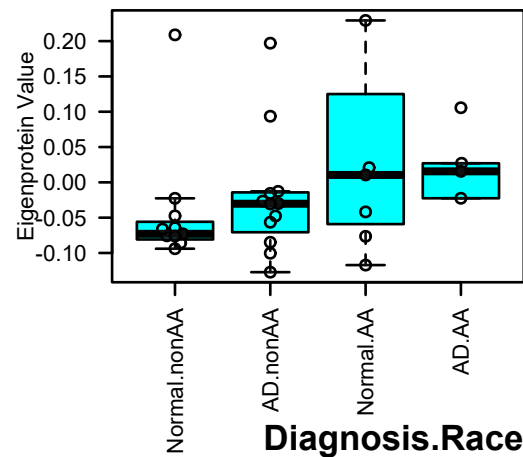
**M14 cyan.MEGATMT488
Protein Folding**



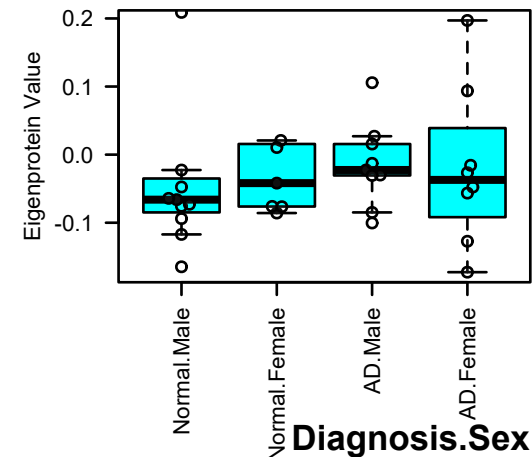
**MEcyan.CSF 35 Samp. (Synthetic)
ANOVA p: 0.58**



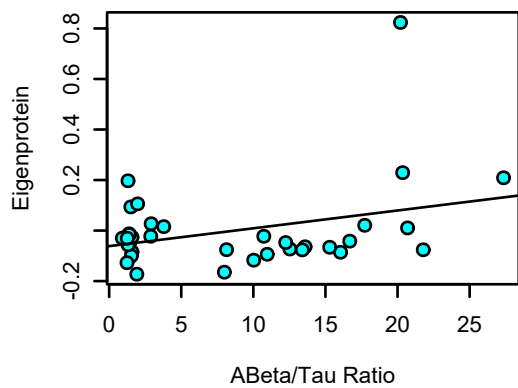
**MEcyan.CSF (Synthetic)
ANOVA p: 0.2**



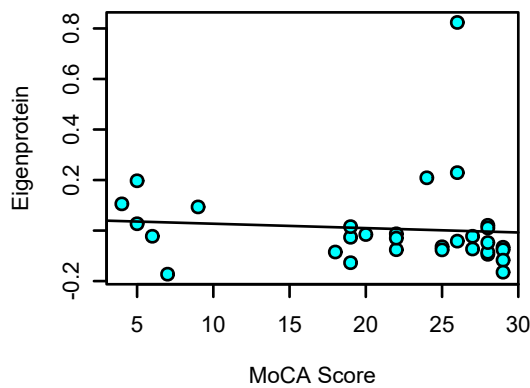
**MEcyan.CSF (Synthetic)
ANOVA p: 0.59**



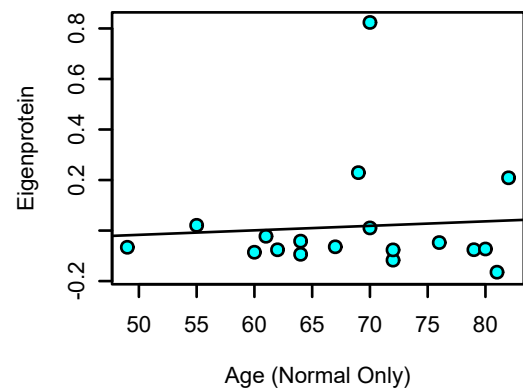
**bicor=0.023, p=0.9
cor=0.32, p=0.061**



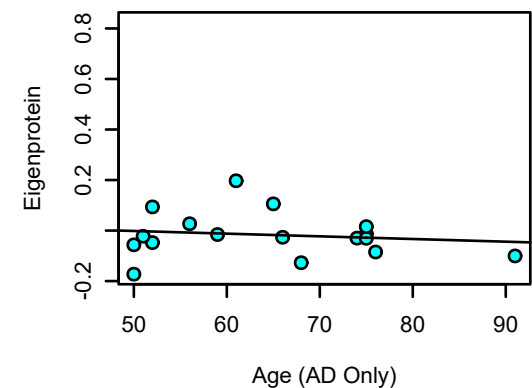
**bicor=-0.25, p=0.17
cor=-0.08, p=0.67**



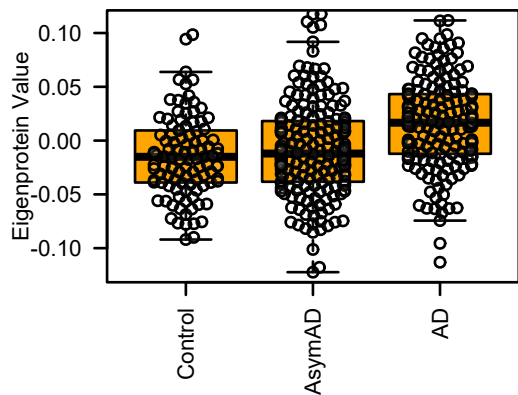
**bicor=-0.37, p=0.13
cor=0.073, p=0.77**



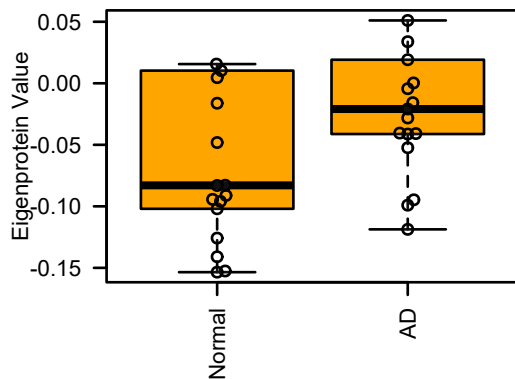
**bicor=-0.17, p=0.52
cor=-0.14, p=0.59**



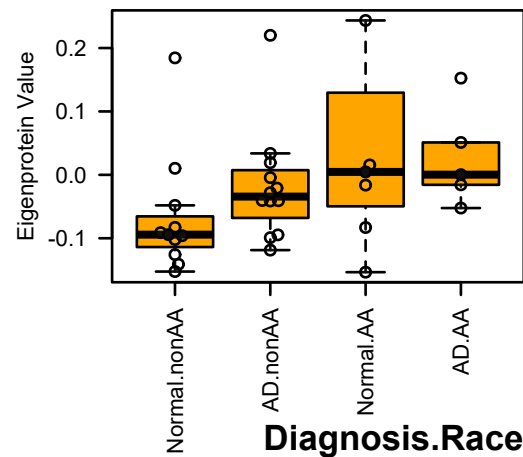
**M25 orange.MEGATMT488
Sugar Metabolism**



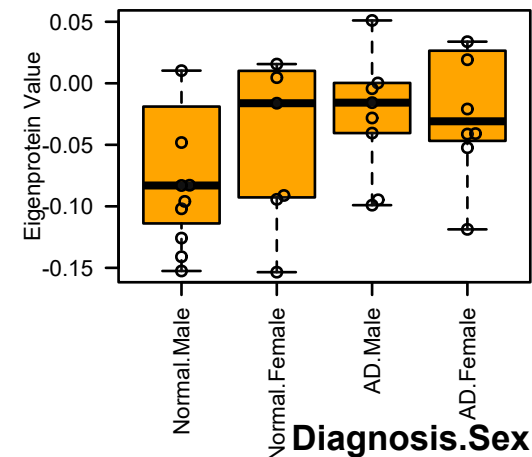
**MEorange.CSF 35 Samp. (Synthetic)
ANOVA p: 0.88**



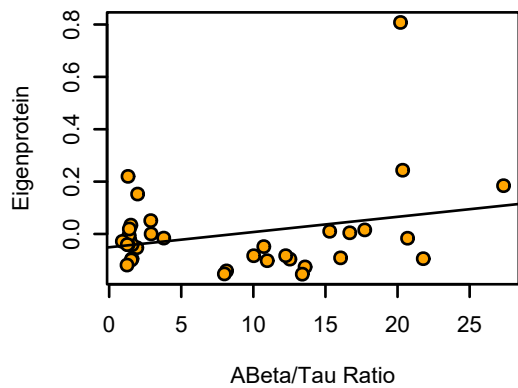
**MEorange.CSF (Synthetic)
ANOVA p: 0.16**



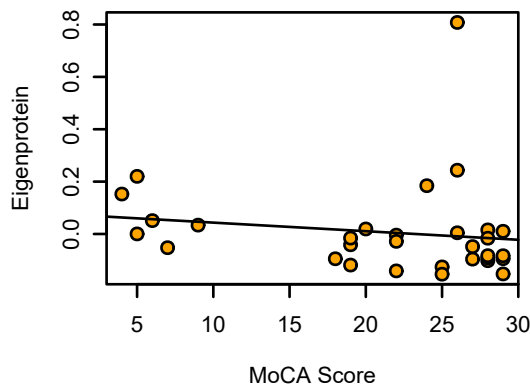
**MEorange.CSF (Synthetic)
ANOVA p: 0.68**



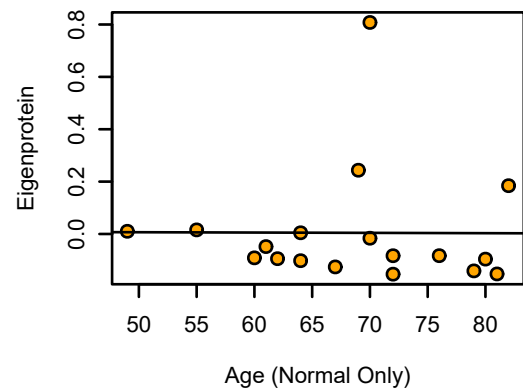
**bicor=-0.0055, p=0.97
cor=0.27, p=0.12**



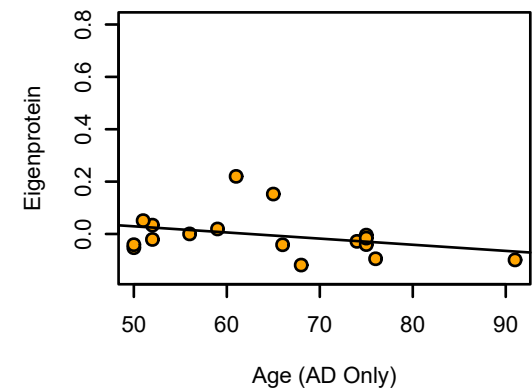
**bicor=-0.25, p=0.18
cor=-0.15, p=0.42**



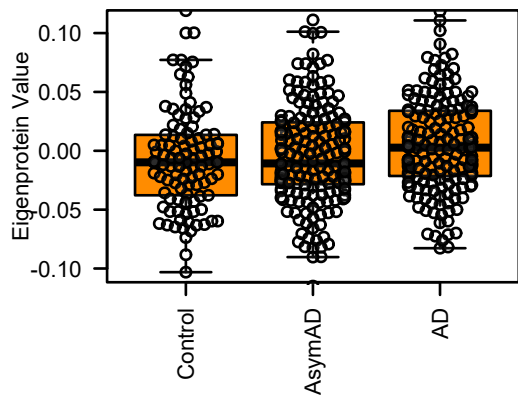
**bicor=-0.27, p=0.28
cor=-0.0049, p=0.98**



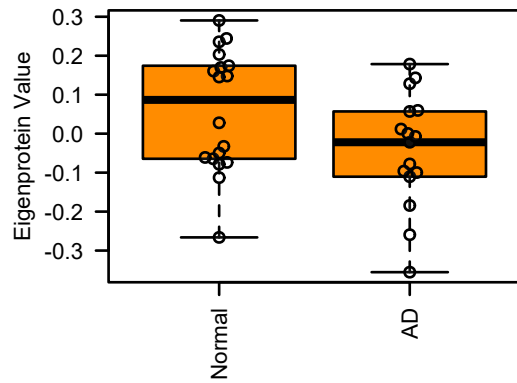
**bicor=-0.47, p=0.054
cor=-0.33, p=0.2**



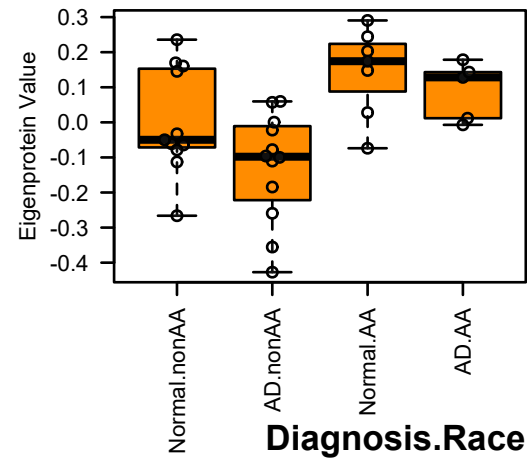
M26 darkorange.MEGATMT488
Complement/Acute Phase



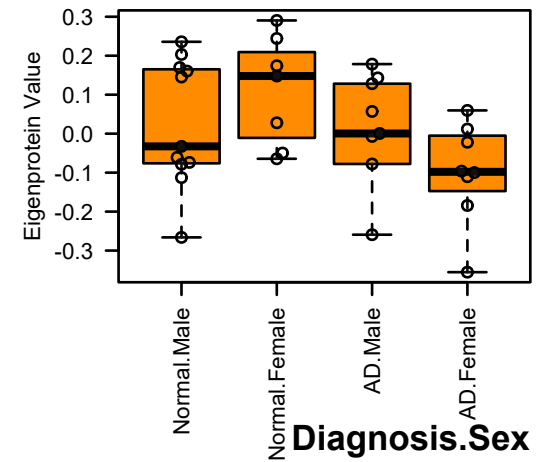
MEdarkorange.CSF 35 Samp. (Synthetic)
ANOVA p: 0.034



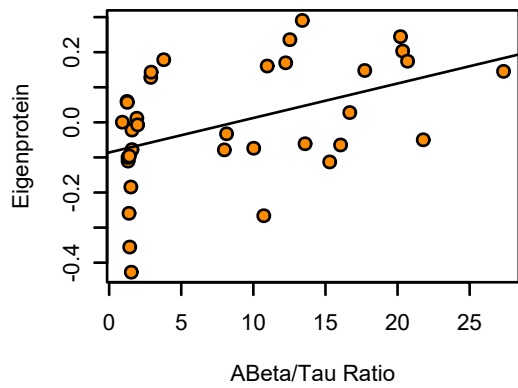
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.0018



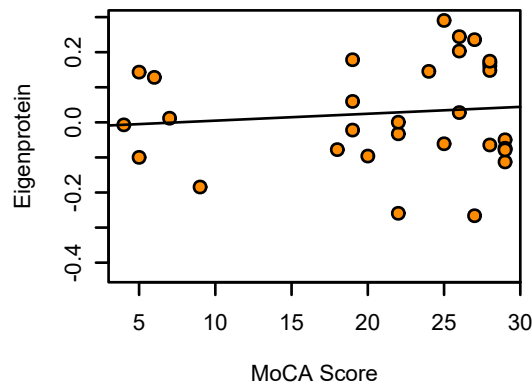
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.1



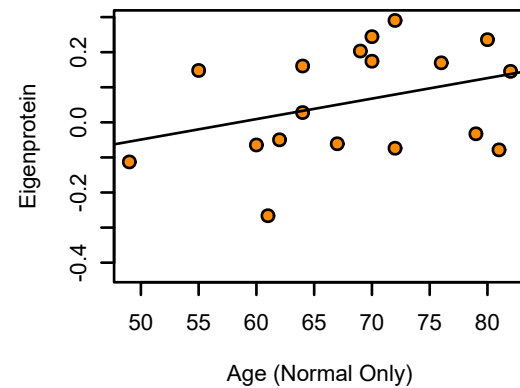
bicor=0.45, p=0.0065
cor=0.45, p=0.0067



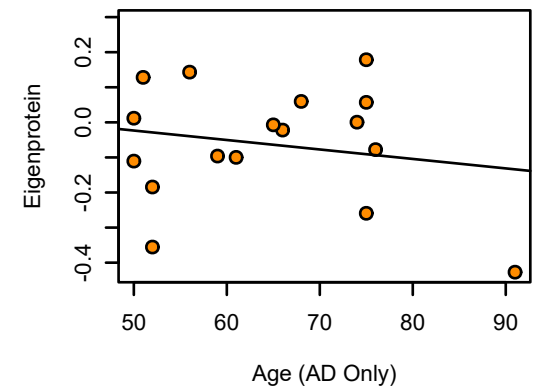
bicor=0.1, p=0.58
cor=0.11, p=0.56



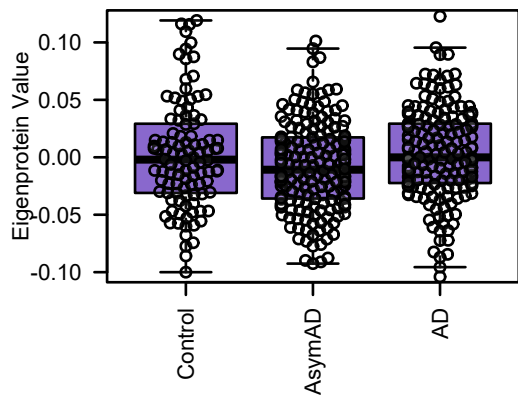
bicor=0.35, p=0.15
cor=0.34, p=0.17



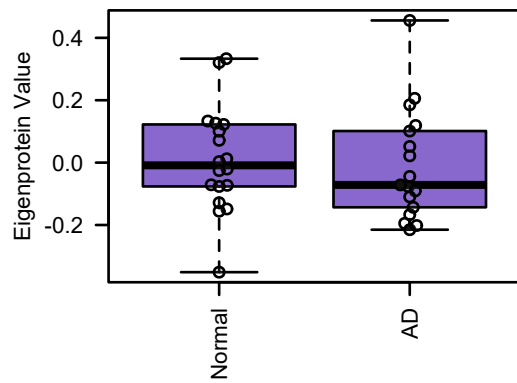
bicor=-0.05, p=0.85
cor=-0.19, p=0.47



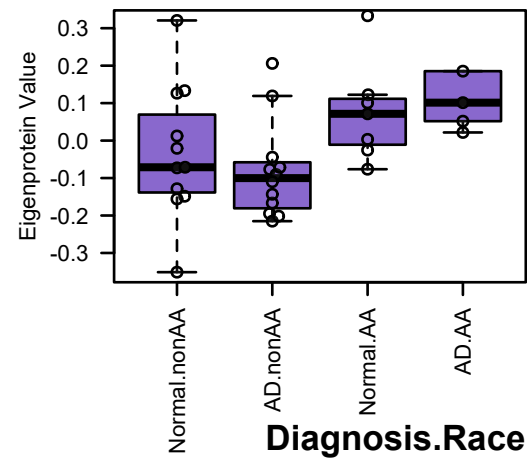
M40 mediumpurple3.MEGATMT488
Ambiguous



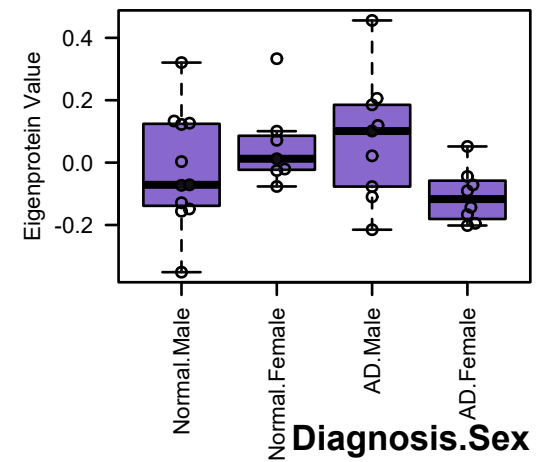
MEmediumpurple3.CSF 35 Samp. (Synthetic)
ANOVA p: 0.74



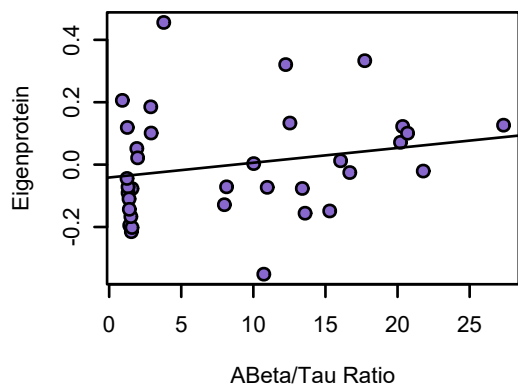
MEmediumpurple3.CSF (Synthetic)
ANOVA p: 0.021



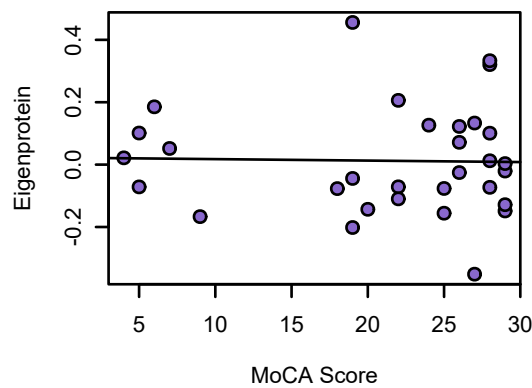
MEmediumpurple3.CSF (Synthetic)
ANOVA p: 0.11



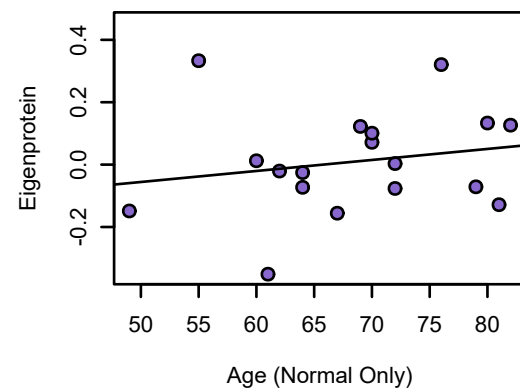
bicor=0.25, p=0.15
cor=0.22, p=0.2



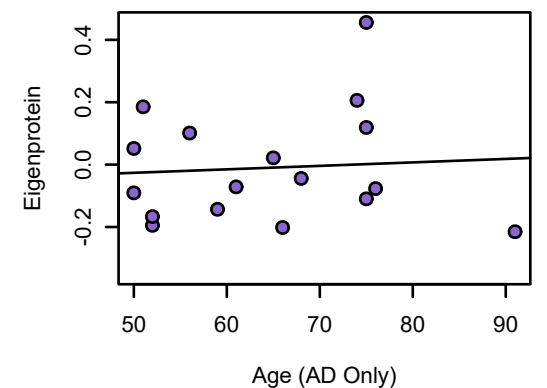
bicor=0.015, p=0.94
cor=-0.023, p=0.9



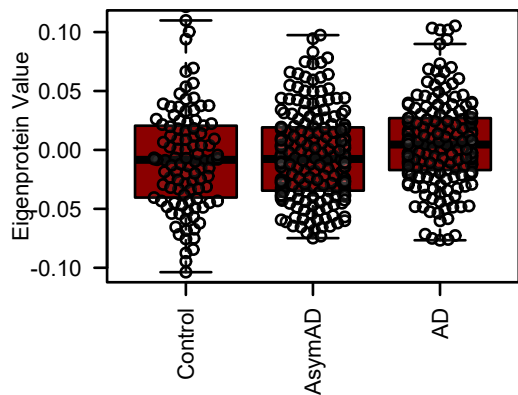
bicor=0.21, p=0.41
cor=0.19, p=0.45



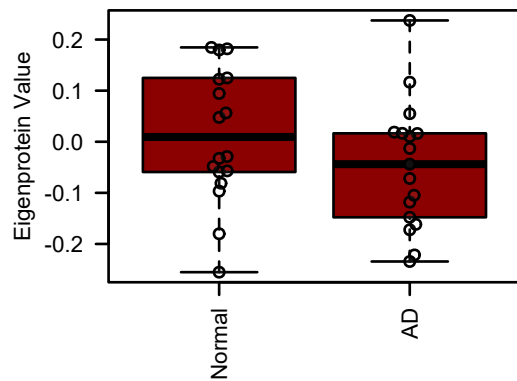
bicor=0.023, p=0.93
cor=0.074, p=0.78



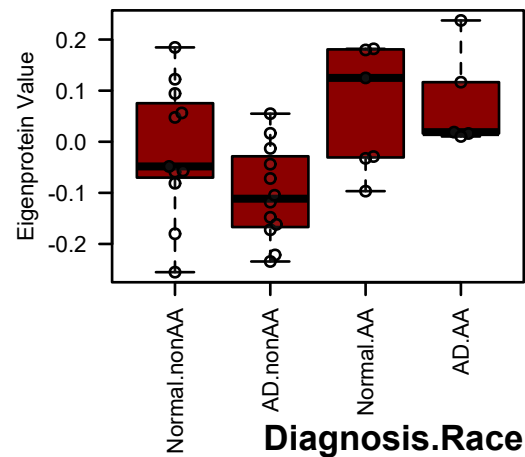
M21 darkred.MEGATMT488
MHC Complex/Immune



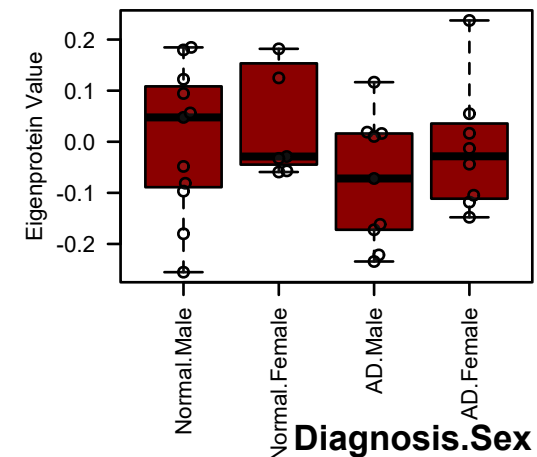
MEdarkred.CSF 35 Samp. (Synthetic)
ANOVA p: 0.11



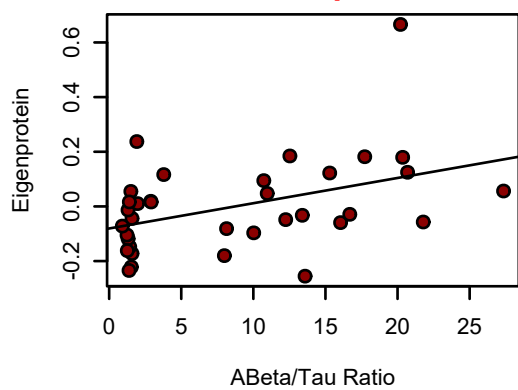
MEdarkred.CSF (Synthetic)
ANOVA p: 0.011



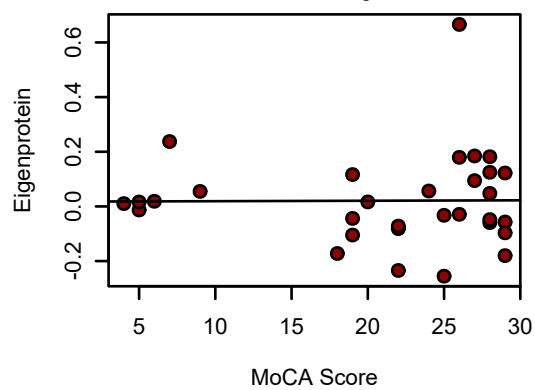
MEdarkred.CSF (Synthetic)
ANOVA p: 0.17



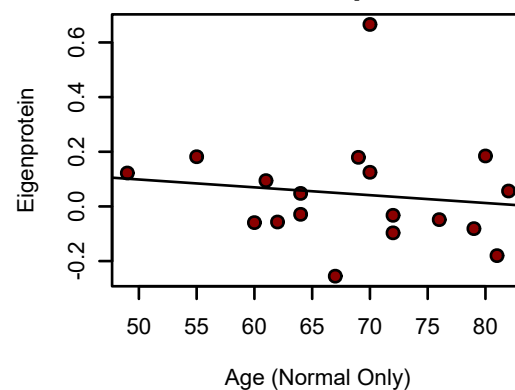
bicor=0.36, p=0.033
cor=0.42, p=0.012



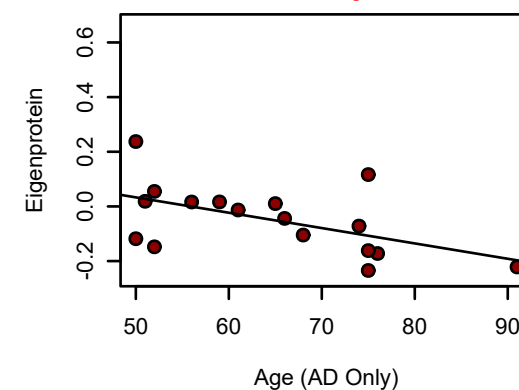
bicor=0.1, p=0.58
cor=0.0078, p=0.97



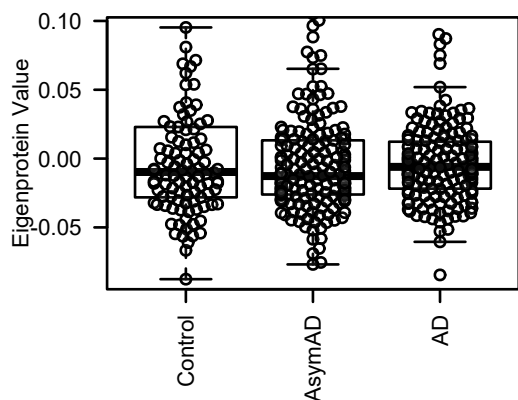
bicor=-0.24, p=0.33
cor=-0.13, p=0.61



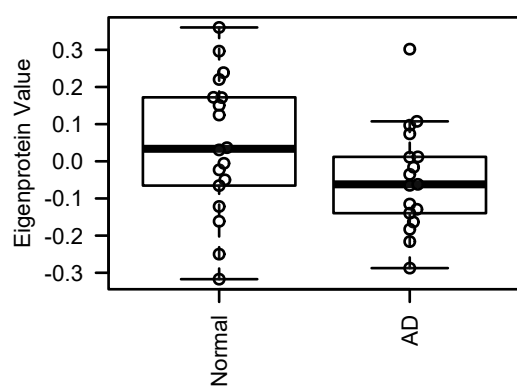
bicor=-0.52, p=0.032
cor=-0.54, p=0.025



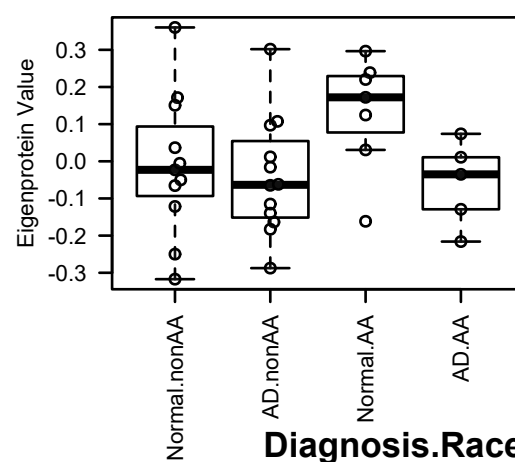
M27 white.MEGATMT488
Extracellular Matrix



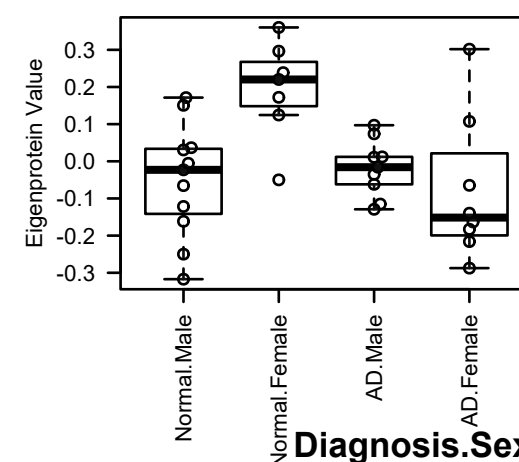
MEwhite.CSF 35 Samp. (Synthetic)
ANOVA p: 0.11



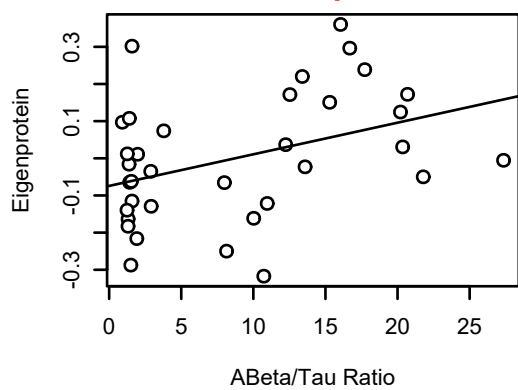
MEwhite.CSF (Synthetic)
ANOVA p: 0.14



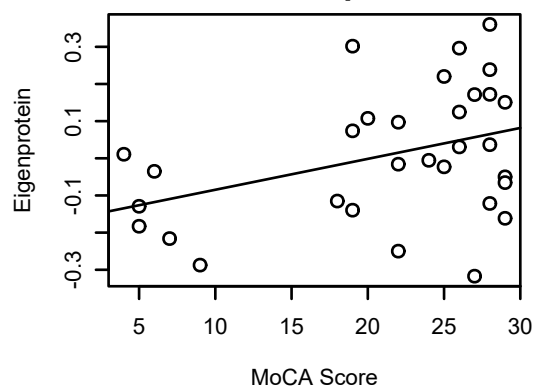
MEwhite.CSF (Synthetic)
ANOVA p: 0.0037



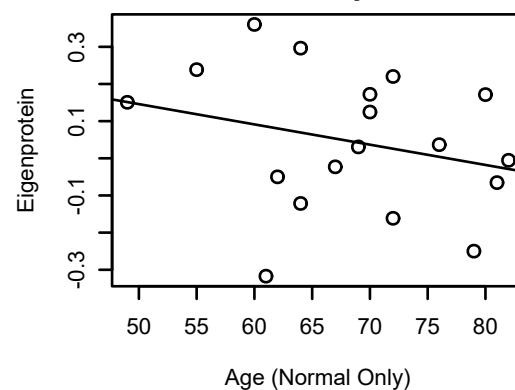
bicor=0.41, p=0.013
cor=0.39, p=0.021



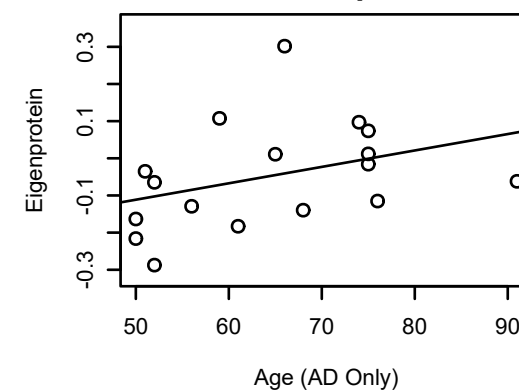
bicor=0.27, p=0.13
cor=0.39, p=0.03



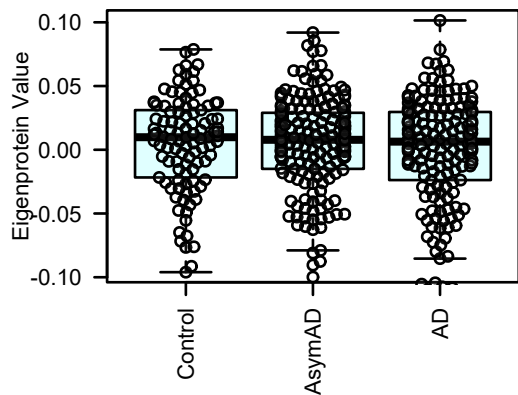
bicor=-0.27, p=0.27
cor=-0.27, p=0.28



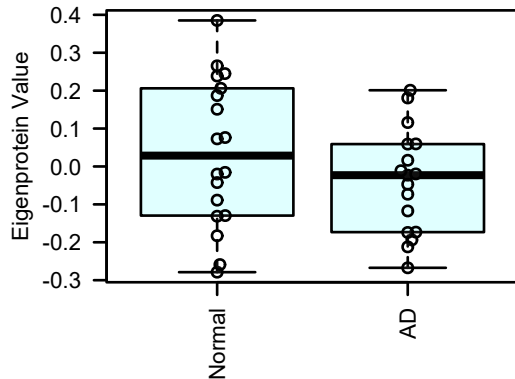
bicor=0.43, p=0.086
cor=0.37, p=0.14



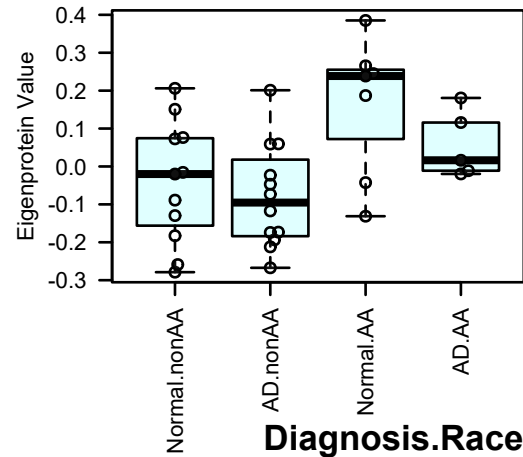
M16 lightcyan.MEGATMT488
RNA Binding



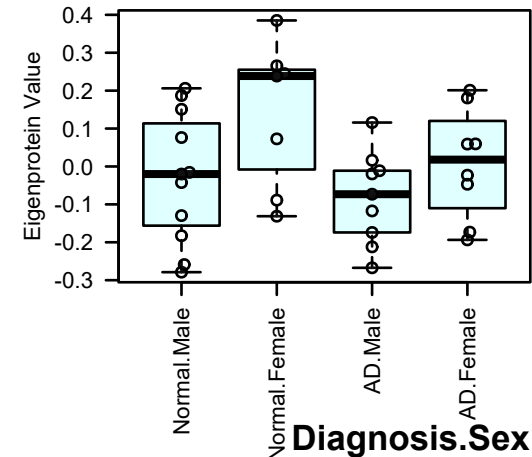
MElightcyan.CSF 35 Samp. (Synthetic)
ANOVA p: 0.18



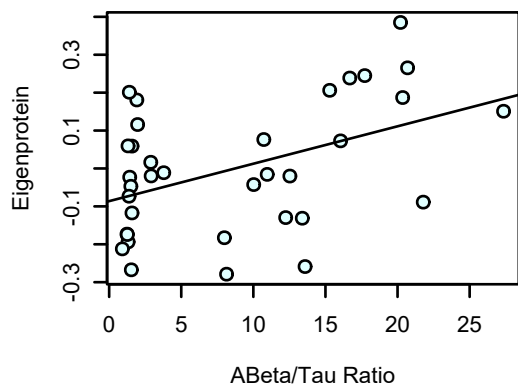
MElightcyan.CSF (Synthetic)
ANOVA p: 0.01



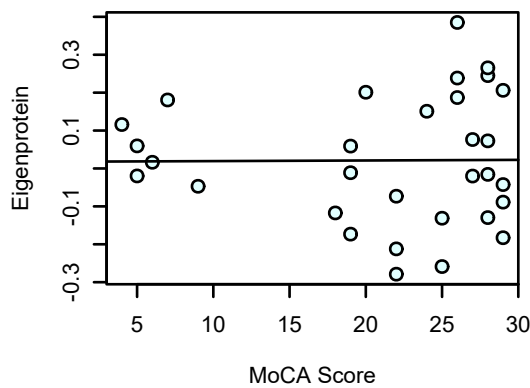
MElightcyan.CSF (Synthetic)
ANOVA p: 0.06



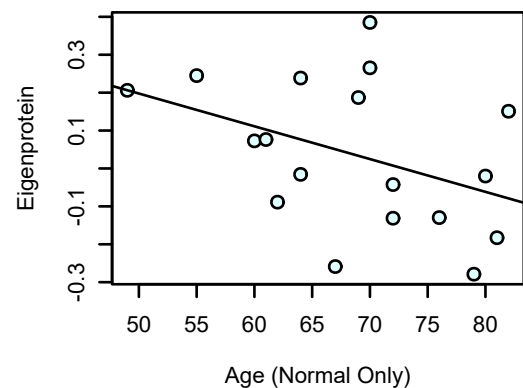
bicor=0.44, p=0.0082
cor=0.45, p=0.0067



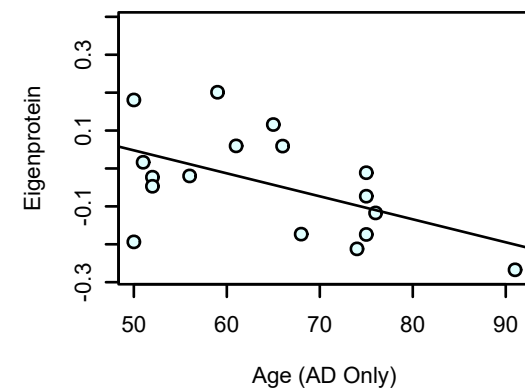
bicor=0.1, p=0.59
cor=0.008, p=0.97



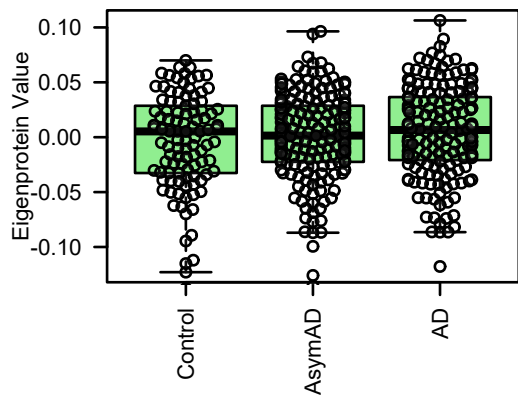
bicor=-0.42, p=0.085
cor=-0.41, p=0.091



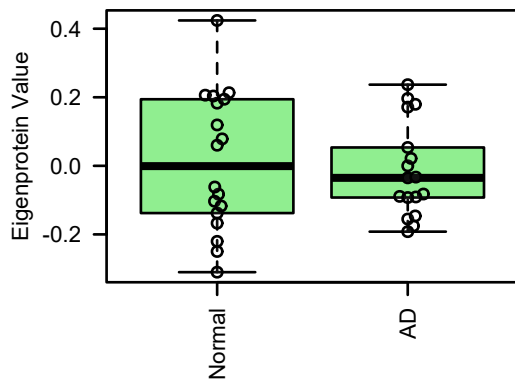
bicor=-0.5, p=0.041
cor=-0.53, p=0.029



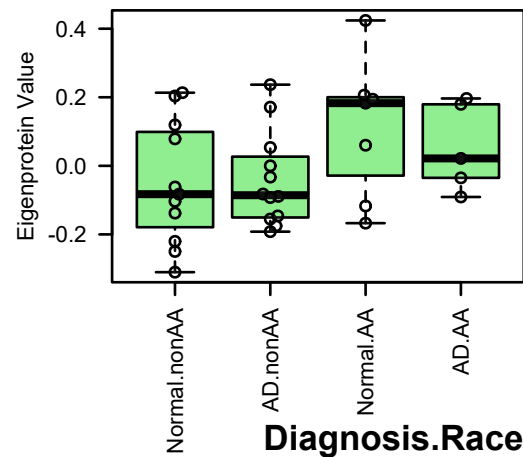
M18 lightgreen.MEGATMT488
RNA Splicing



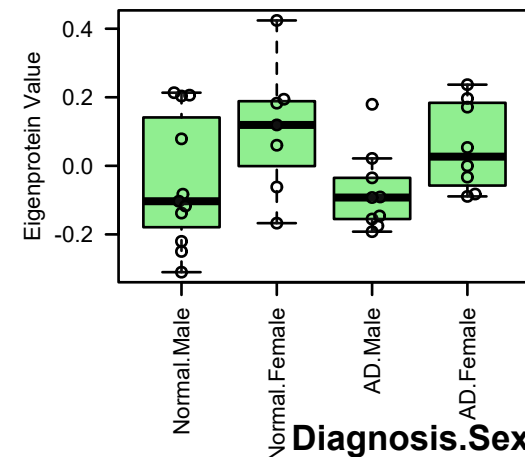
MElightgreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.65



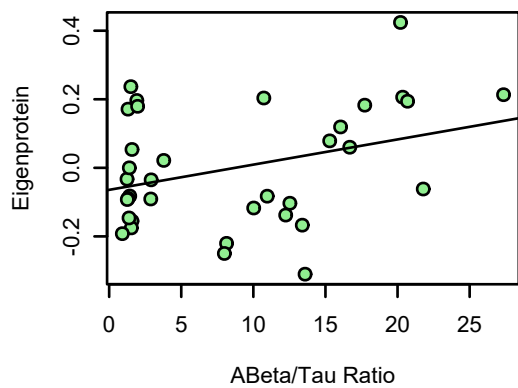
MElightgreen.CSF (Synthetic)
ANOVA p: 0.16



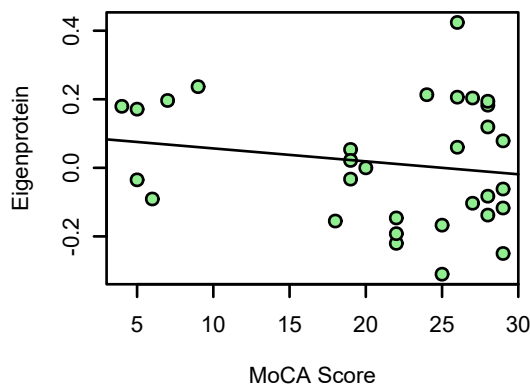
MElightgreen.CSF (Synthetic)
ANOVA p: 0.095



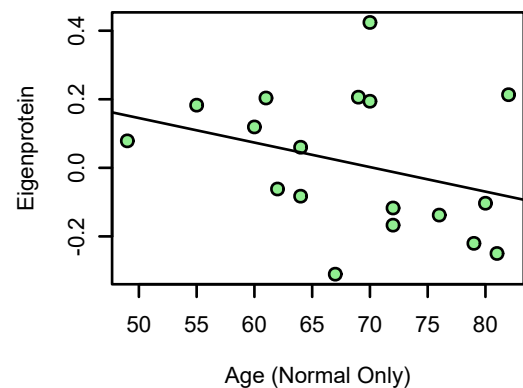
bicor=0.31, p=0.066
cor=0.34, p=0.046



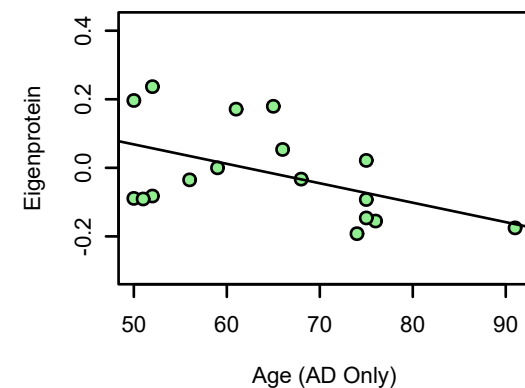
bicor=-0.046, p=0.8
cor=-0.18, p=0.33



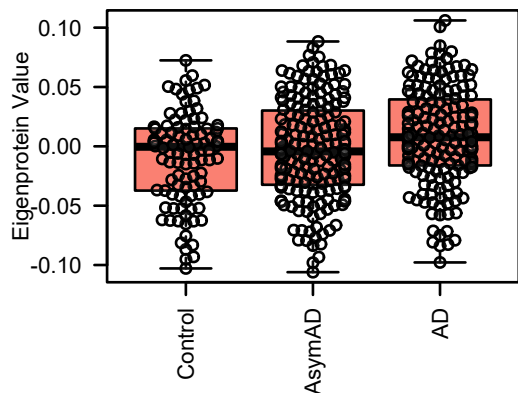
bicor=-0.35, p=0.15
cor=-0.33, p=0.18



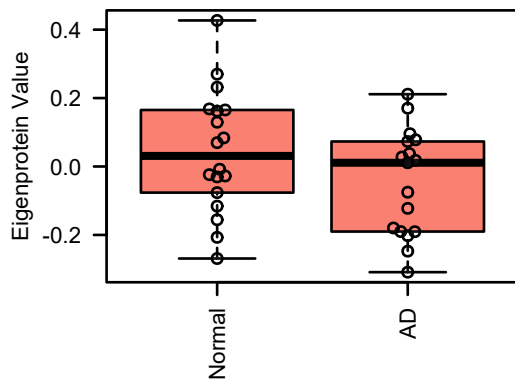
bicor=-0.49, p=0.046
cor=-0.49, p=0.046



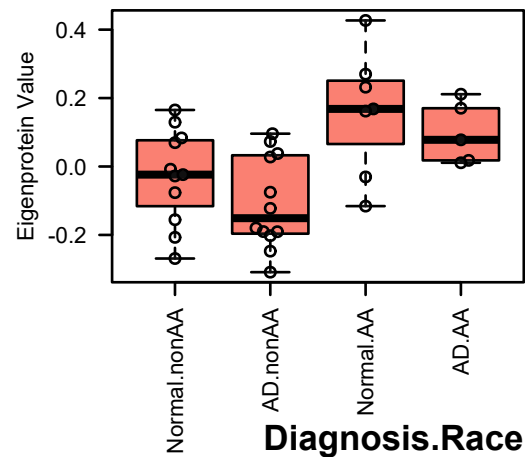
M13 salmon.MEGATMT488
RNA Splicing



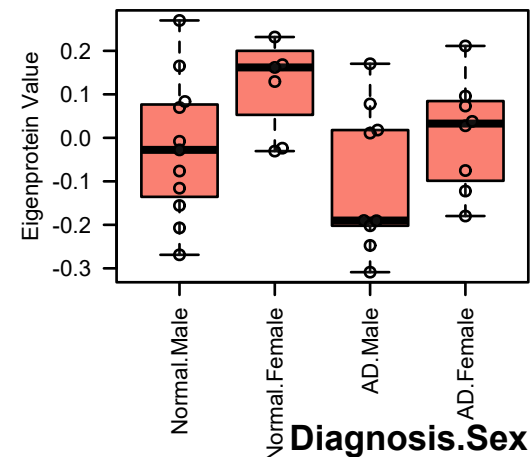
MEsalmon.CSF 35 Samp. (Synthetic)
ANOVA p: 0.12



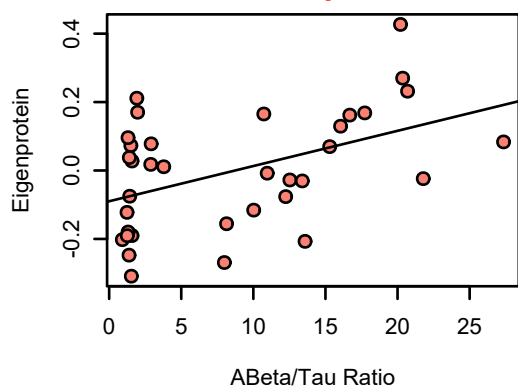
MEsalmon.CSF (Synthetic)
ANOVA p: 0.0022



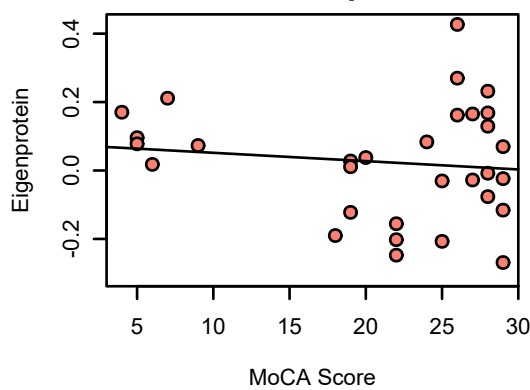
MEsalmon.CSF (Synthetic)
ANOVA p: 0.028



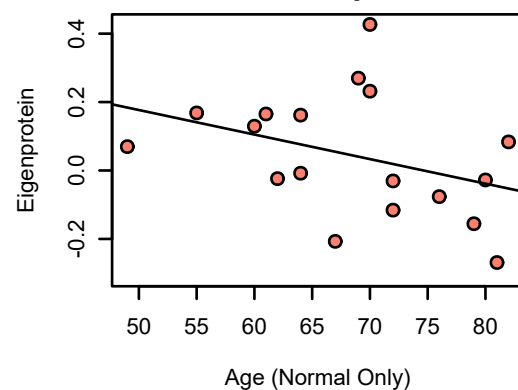
bicor=0.45, p=0.0061
cor=0.47, p=0.0044



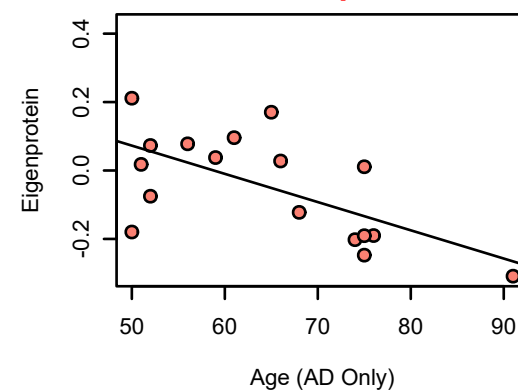
bicor=0.11, p=0.57
cor=-0.12, p=0.52



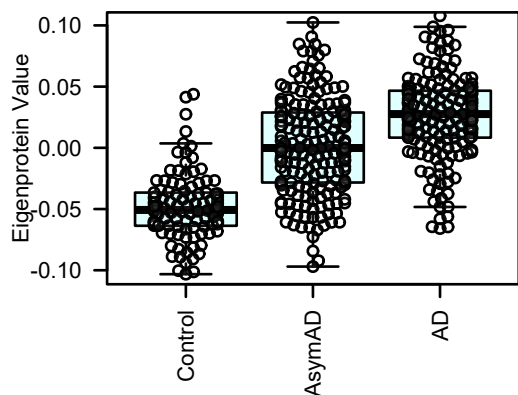
bicor=-0.41, p=0.093
cor=-0.37, p=0.13



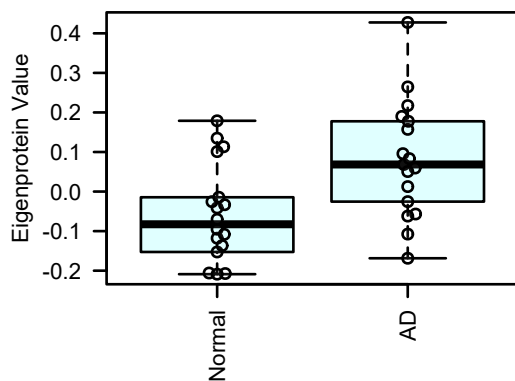
bicor=-0.56, p=0.019
cor=-0.64, p=0.0057



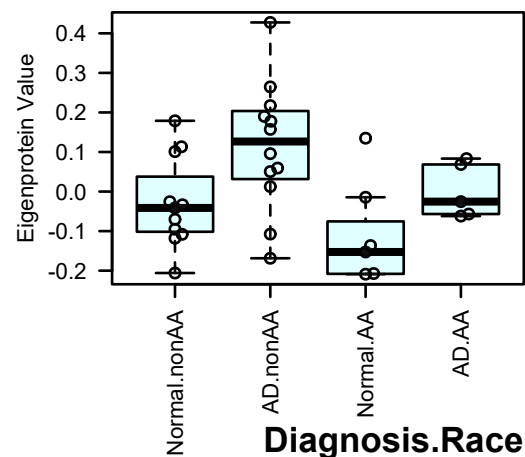
M42 lightcyan1.MEGATMT488
Matrisome



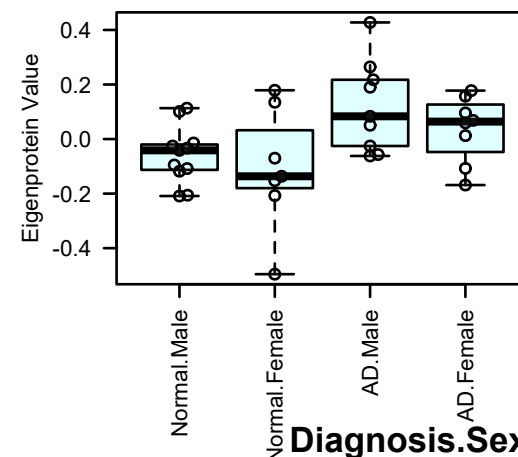
MElightcyan1.CSF 35 Samp. (Synthetic)
ANOVA p: 0.0046



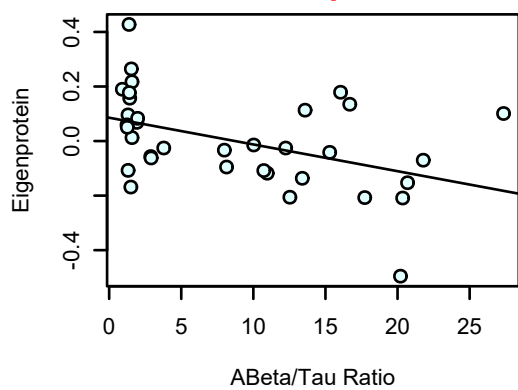
MElightcyan1.CSF (Synthetic)
ANOVA p: 0.0052



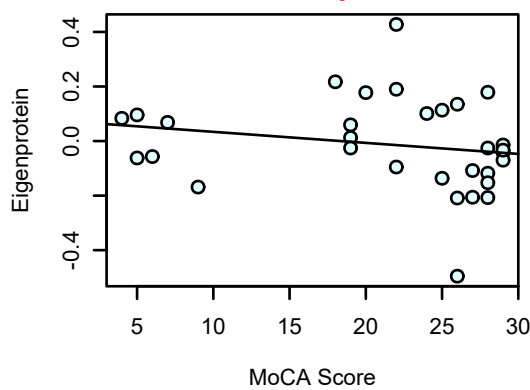
MElightcyan1.CSF (Synthetic)
ANOVA p: 0.024



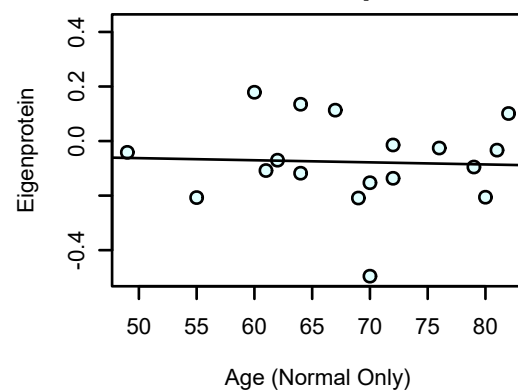
bicor=-0.43, p=0.0091
cor=-0.45, p=0.0067



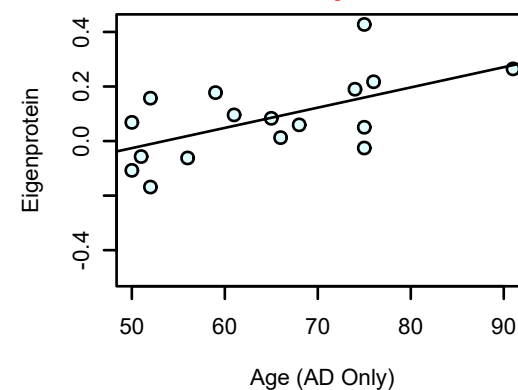
bicor=-0.37, p=0.038
cor=-0.2, p=0.28



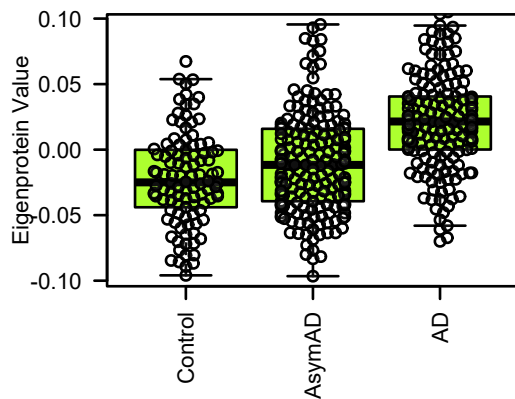
bicor=-0.026, p=0.92
cor=-0.045, p=0.86



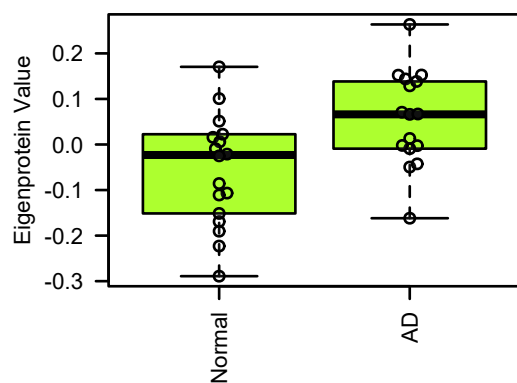
bicor=0.59, p=0.012
cor=0.6, p=0.011



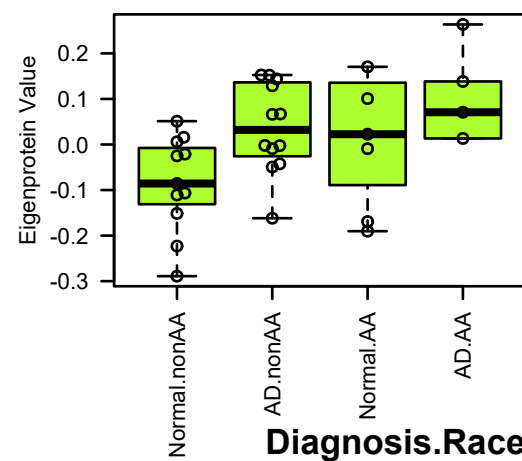
M11 greenyellow.MEGATMT488
Cell-ECM Interaction



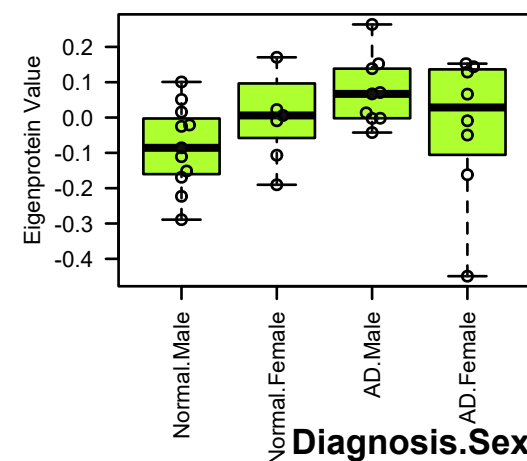
MEgreenyellow.CSF 35 Samp. (Synthetic)
ANOVA p: 0.35



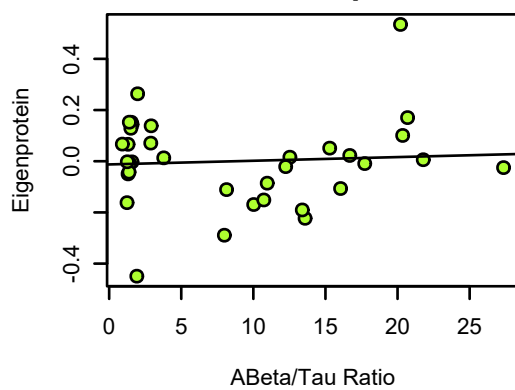
MEgreenyellow.CSF (Synthetic)
ANOVA p: 0.23



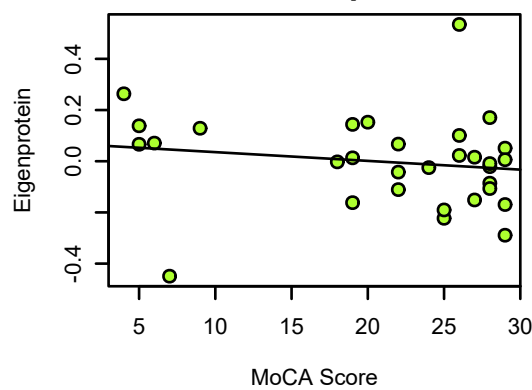
MEgreenyellow.CSF (Synthetic)
ANOVA p: 0.16



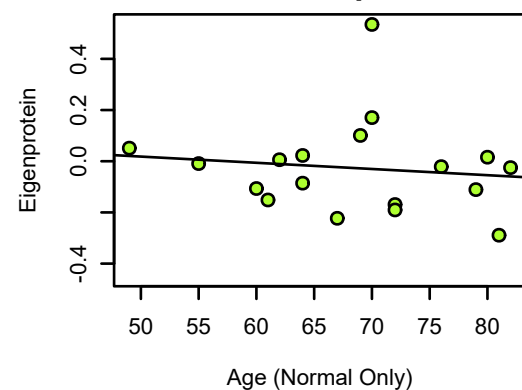
bicor=-0.049, p=0.78
cor=0.065, p=0.71



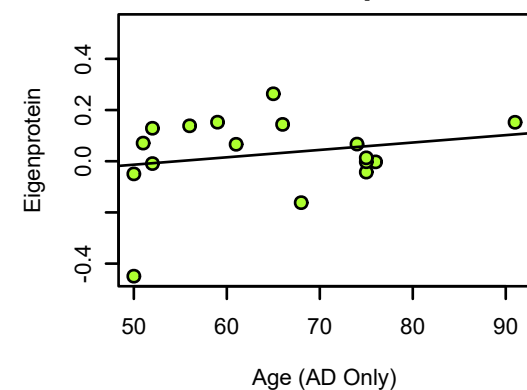
bicor=-0.17, p=0.35
cor=-0.16, p=0.39



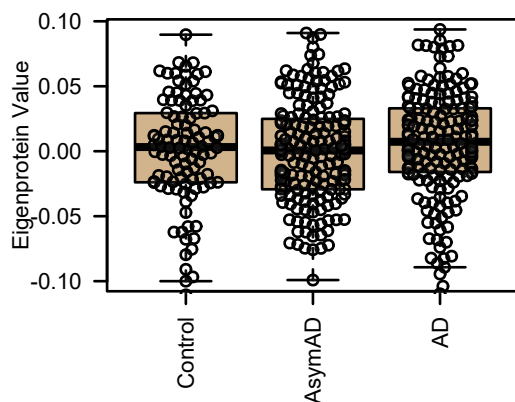
bicor=-0.16, p=0.52
cor=-0.12, p=0.64



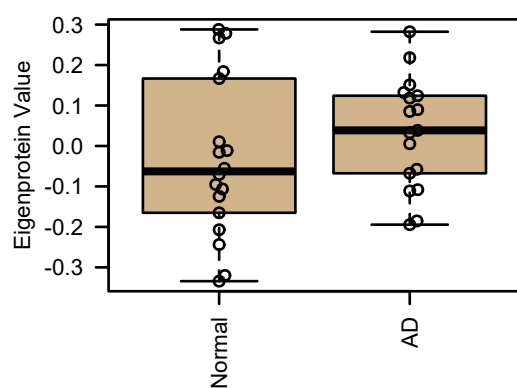
bicor=0.018, p=0.95
cor=0.22, p=0.4



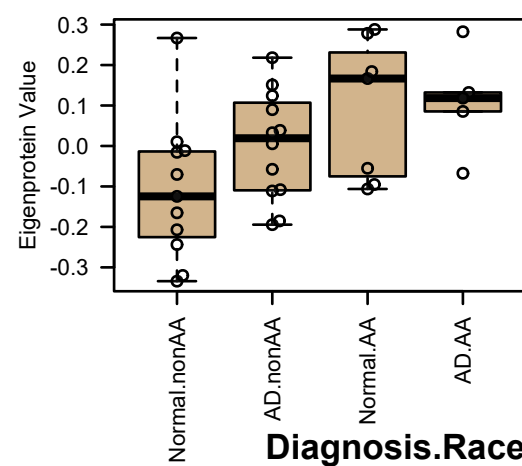
M12 tan.MEGATMT488
Cytoskeleton



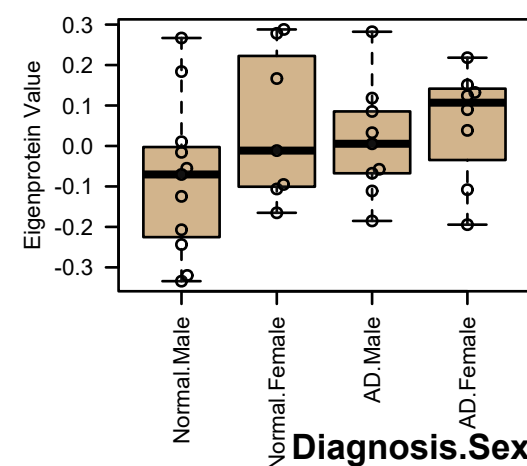
MEtan.CSF 35 Samp. (Synthetic)
ANOVA p: 0.28



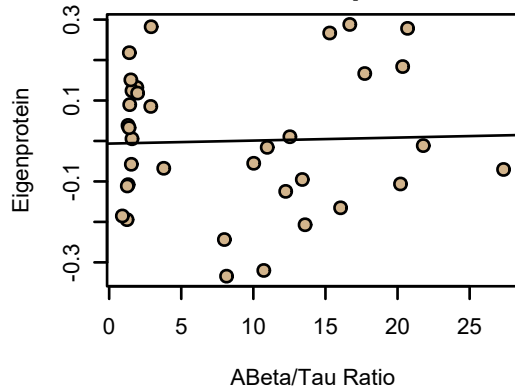
MEtan.CSF (Synthetic)
ANOVA p: 0.025



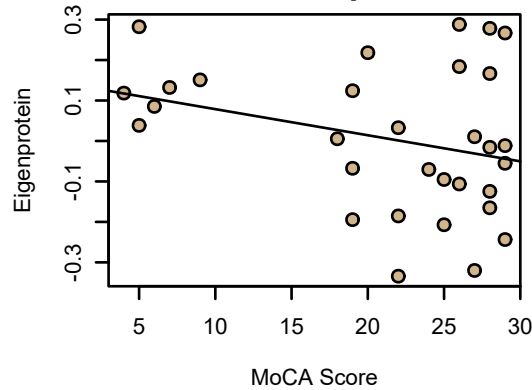
MEtan.CSF (Synthetic)
ANOVA p: 0.26



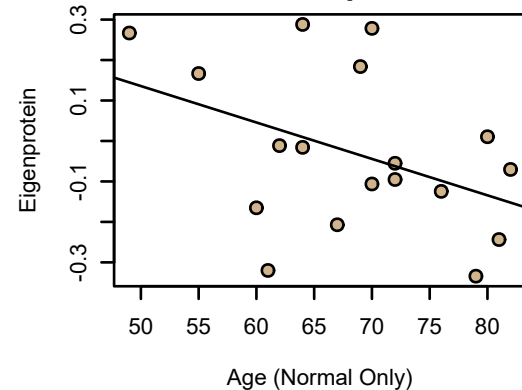
bicor=0.024, p=0.89
cor=0.034, p=0.85



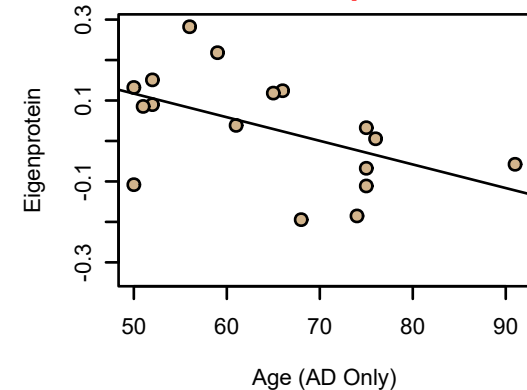
bicor=-0.14, p=0.46
cor=-0.3, p=0.1



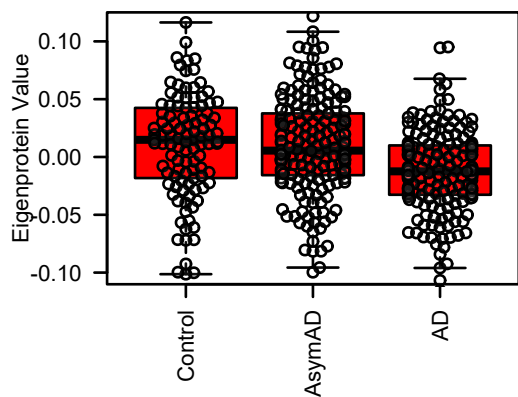
bicor=-0.41, p=0.093
cor=-0.42, p=0.083



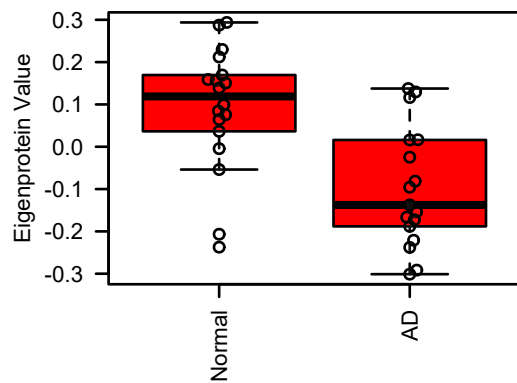
bicor=-0.54, p=0.027
cor=-0.51, p=0.036



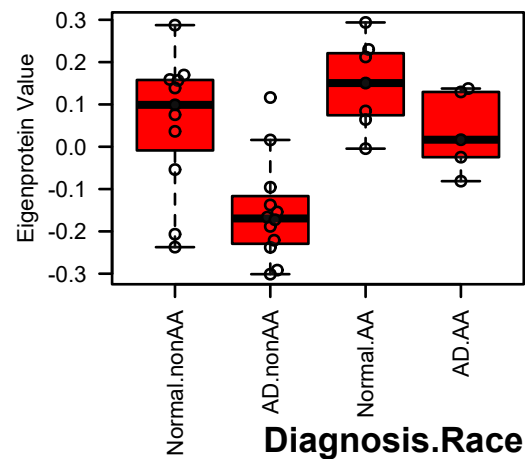
**M6 red.MEGATMT488
Ribosome**



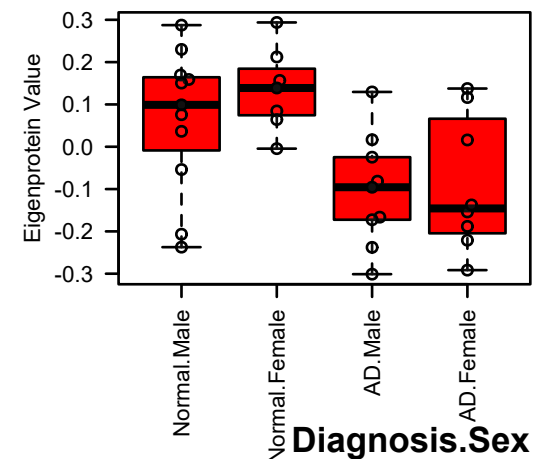
**MEred.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00047**



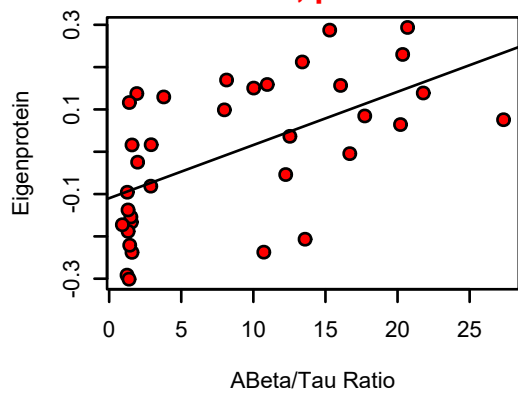
**MEred.Plasma (Synthetic)
ANOVA p: 0.00015**



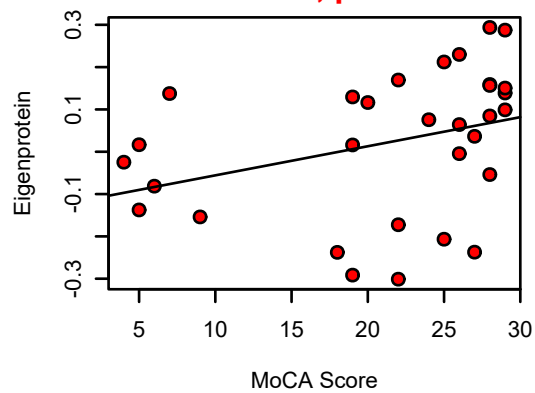
**MEred.Plasma (Synthetic)
ANOVA p: 0.0049**



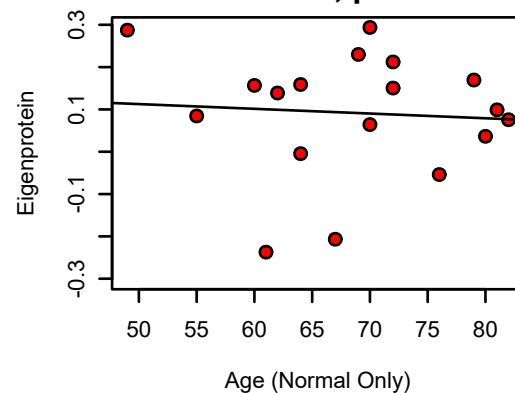
**bicor=0.57, p=0.00031
cor=0.57, p=0.00035**



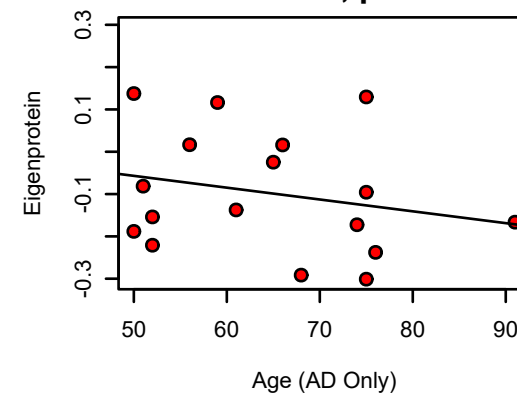
**bicor=0.5, p=0.0043
cor=0.34, p=0.061**



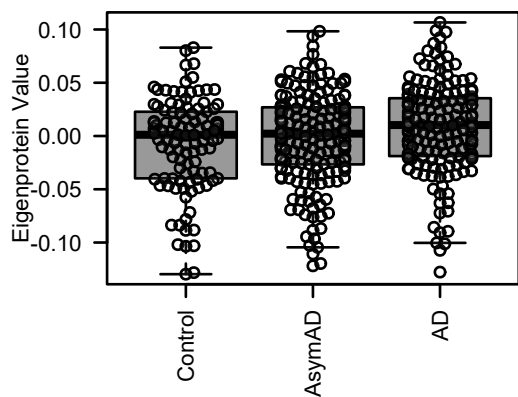
**bicor=-0.14, p=0.58
cor=-0.07, p=0.78**



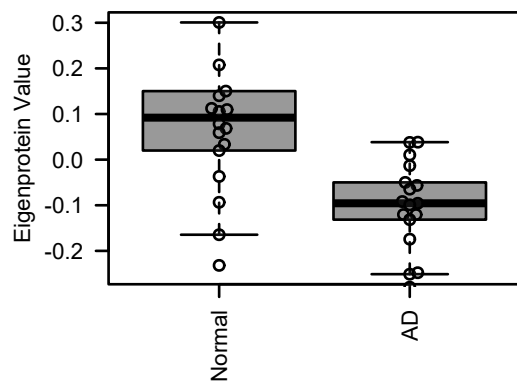
**bicor=-0.25, p=0.34
cor=-0.24, p=0.35**



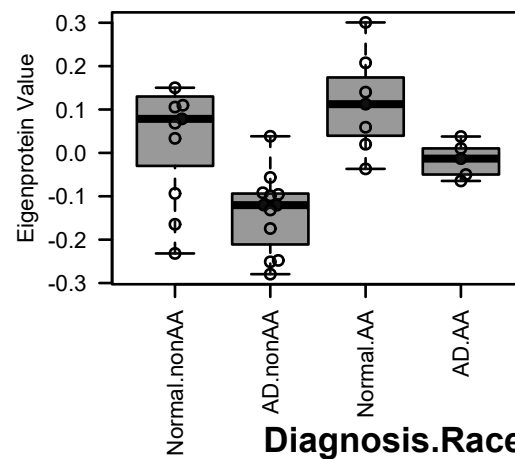
**M17 grey60.MEGATMT488
Transcription**



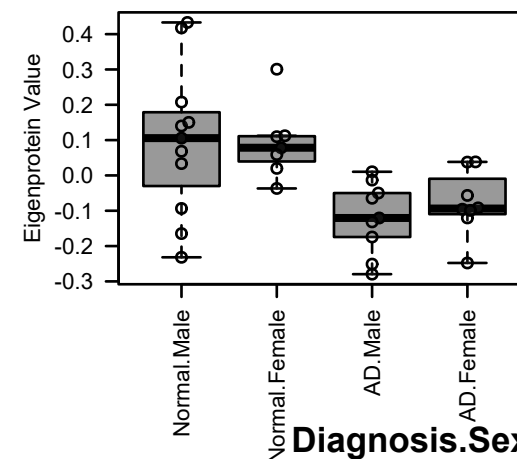
**MEgrey60.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00027**



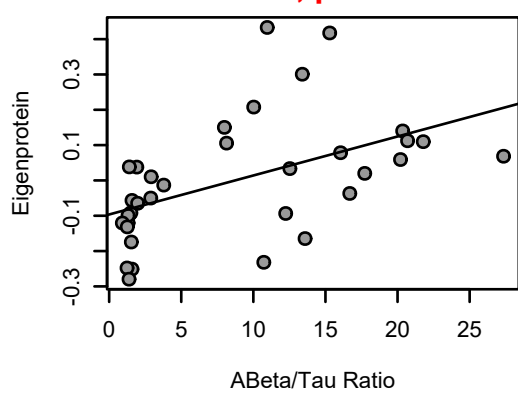
**MEgrey60.Plasma (Synthetic)
ANOVA p: 0.0014**



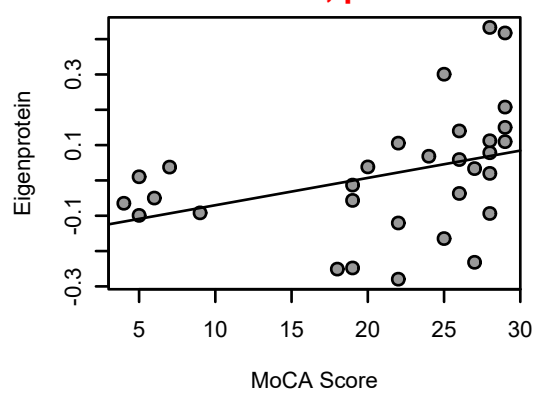
**MEgrey60.Plasma (Synthetic)
ANOVA p: 0.0044**



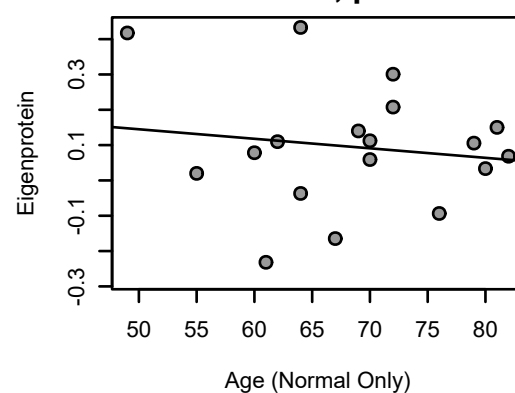
**bicor=0.56, p=0.00047
cor=0.5, p=0.0022**



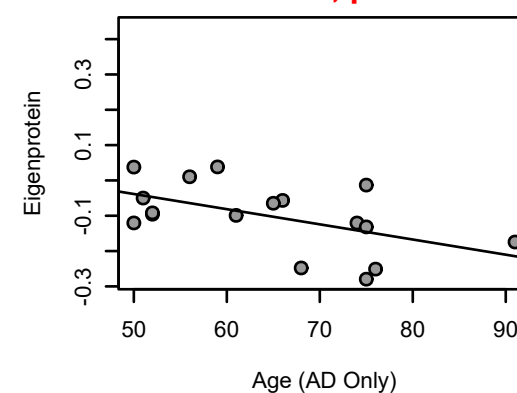
**bicor=0.55, p=0.0014
cor=0.37, p=0.04**



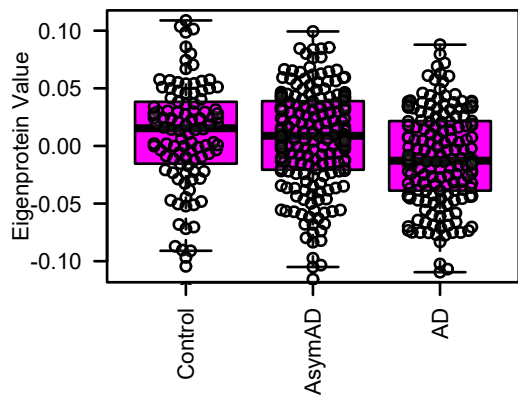
**bicor=-0.037, p=0.88
cor=-0.14, p=0.58**



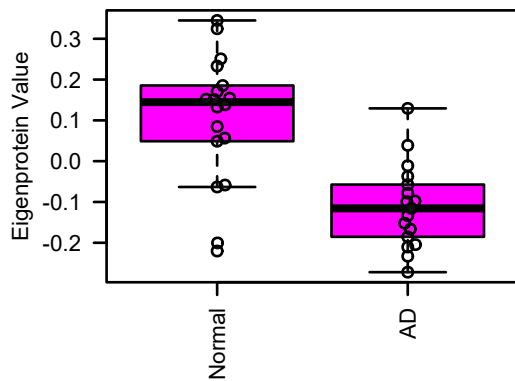
**bicor=-0.55, p=0.022
cor=-0.54, p=0.025**



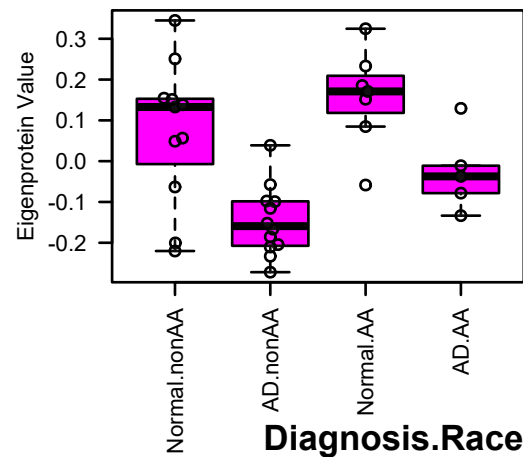
M9 magenta.MEGATMT488
Golgi



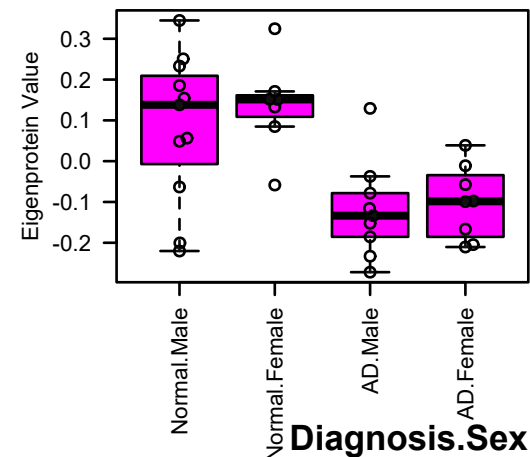
MEmagenta.Plasma 35 Samp. (Synthetic)
ANOVA p: 3.8e-05



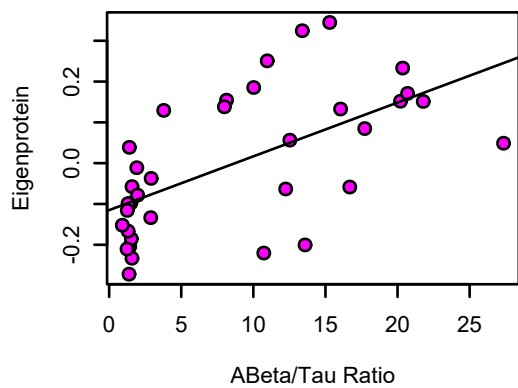
MEmagenta.Plasma (Synthetic)
ANOVA p: 1e-04



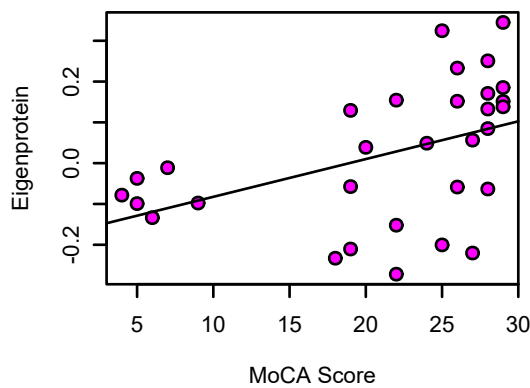
MEmagenta.Plasma (Synthetic)
ANOVA p: 0.00066



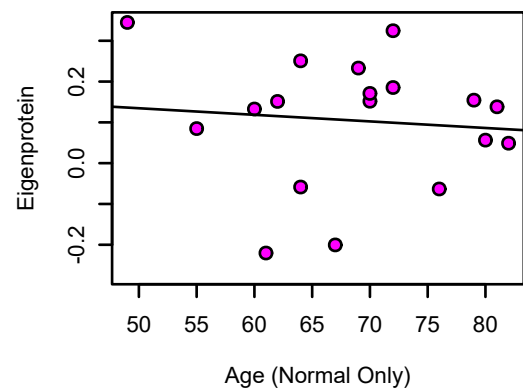
bicor=0.62, p=6.6e-05
cor=0.6, p=0.00014



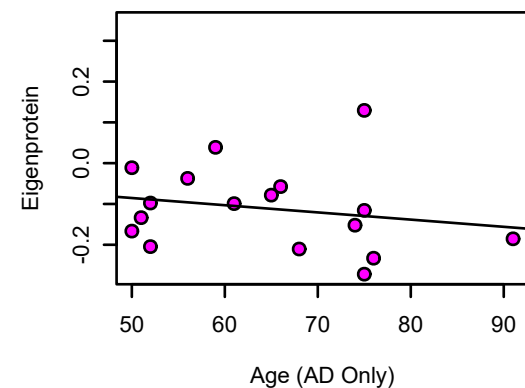
bicor=0.57, p=0.00085
cor=0.45, p=0.011



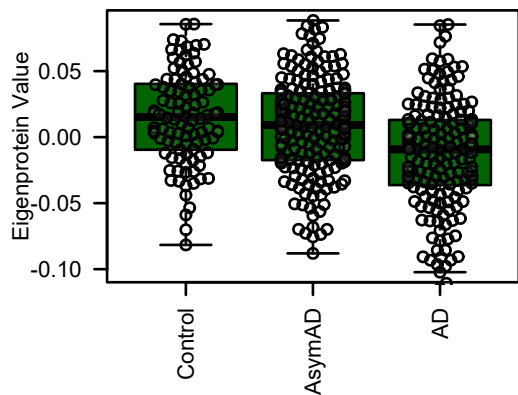
bicor=-0.1, p=0.69
cor=-0.094, p=0.71



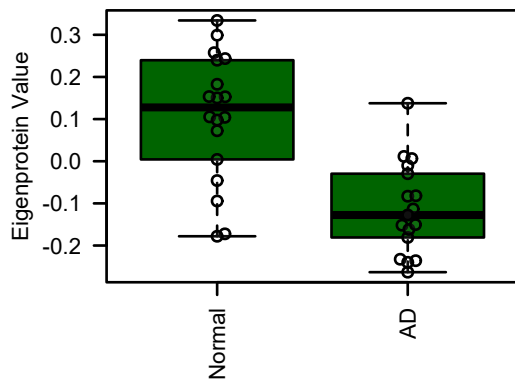
bicor=-0.25, p=0.33
cor=-0.21, p=0.42



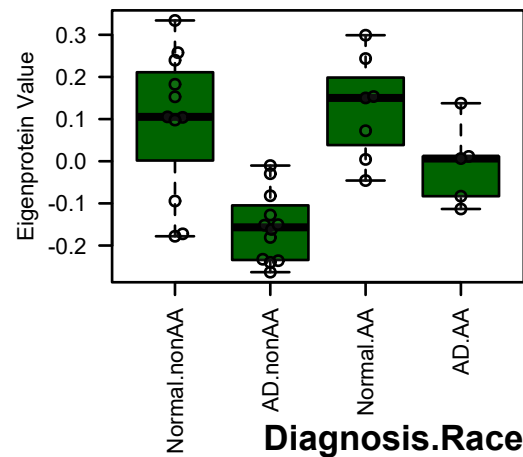
M22 darkgreen.MEGATMT488
Post-Synaptic Density



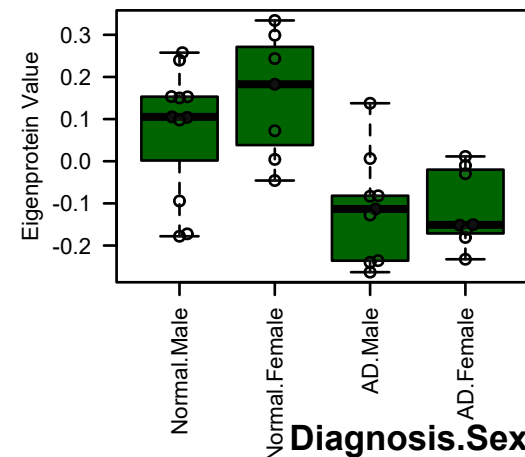
MEdarkgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.9e-05



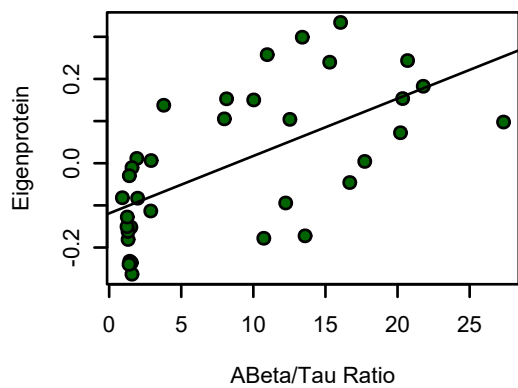
MEdarkgreen.Plasma (Synthetic)
ANOVA p: 7.9e-05



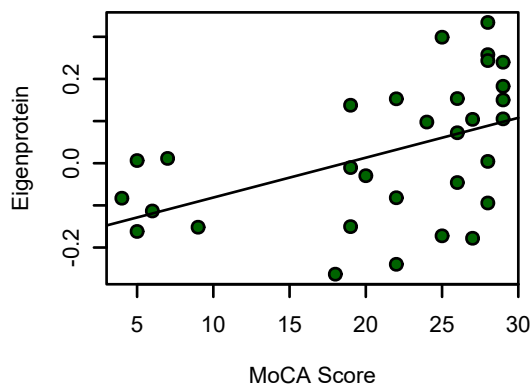
MEdarkgreen.Plasma (Synthetic)
ANOVA p: 0.00035



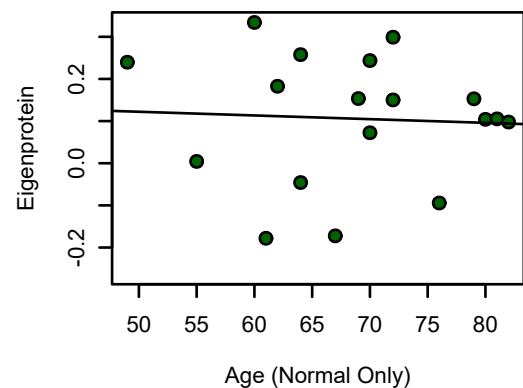
bicor=0.64, p=3.7e-05
cor=0.62, p=7.1e-05



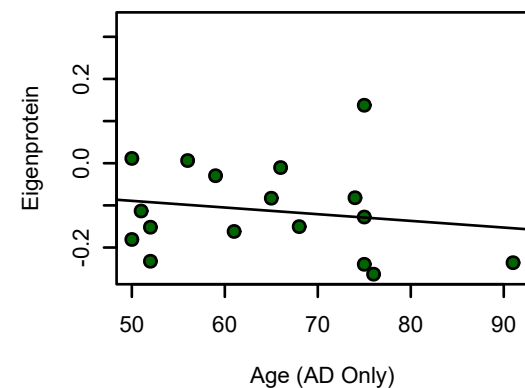
bicor=0.51, p=0.0031
cor=0.48, p=0.0063



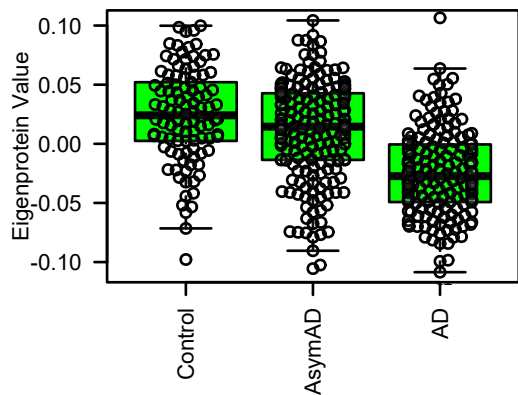
bicor=-0.043, p=0.86
cor=-0.053, p=0.83



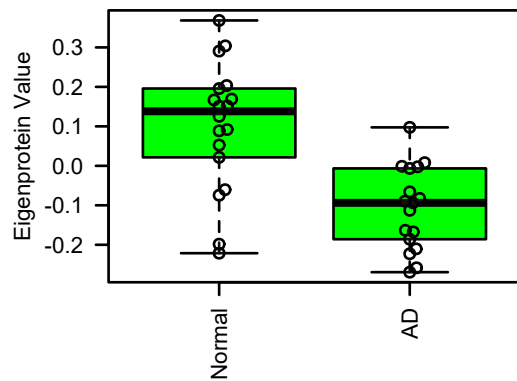
bicor=-0.19, p=0.46
cor=-0.17, p=0.51



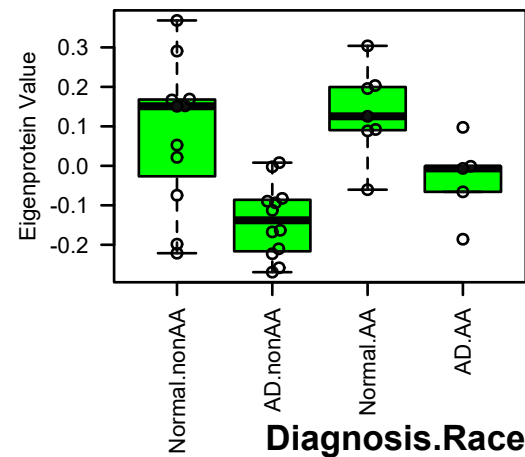
M5 green.MEGATMT488
Post-Synaptic Density



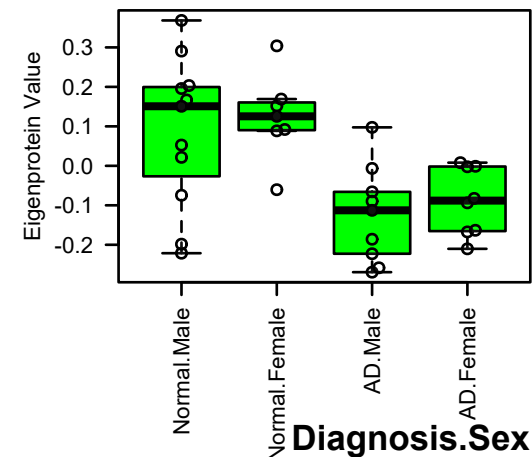
MEgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 7.7e-05



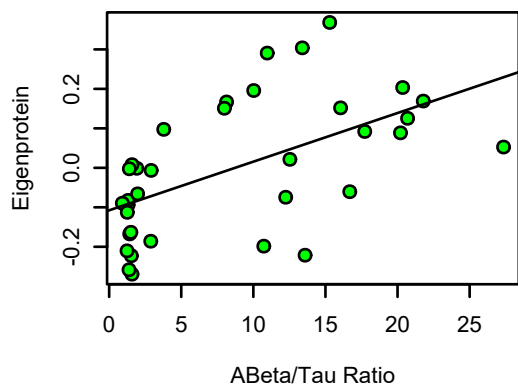
MEgreen.Plasma (Synthetic)
ANOVA p: 0.00045



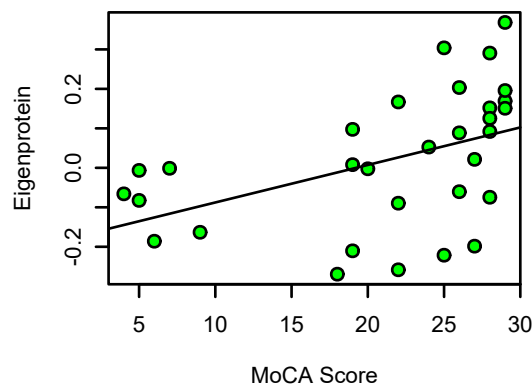
MEgreen.Plasma (Synthetic)
ANOVA p: 0.0013



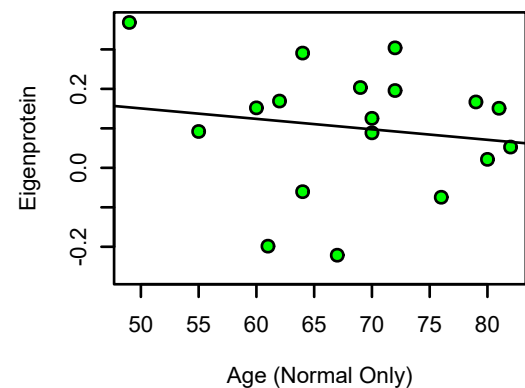
bicor=0.58, p=0.00024
cor=0.56, p=0.00047



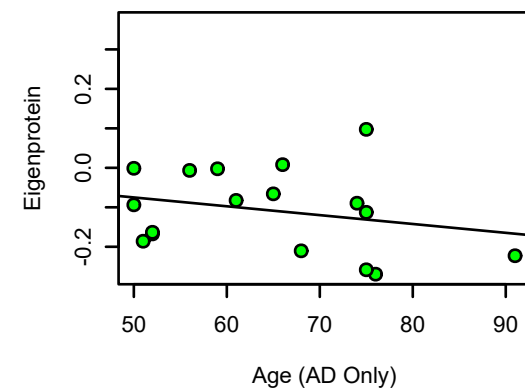
bicor=0.54, p=0.0018
cor=0.46, p=0.0092



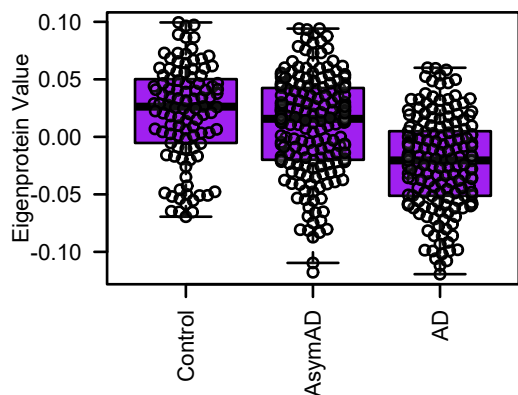
bicor=-0.17, p=0.5
cor=-0.15, p=0.55



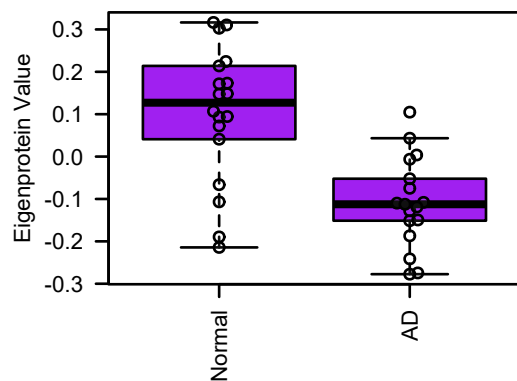
bicor=-0.24, p=0.36
cor=-0.26, p=0.31



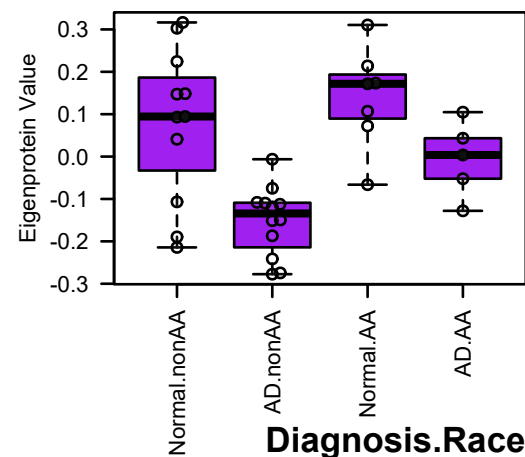
M10 purple.MEGATMT488
Ambiguous



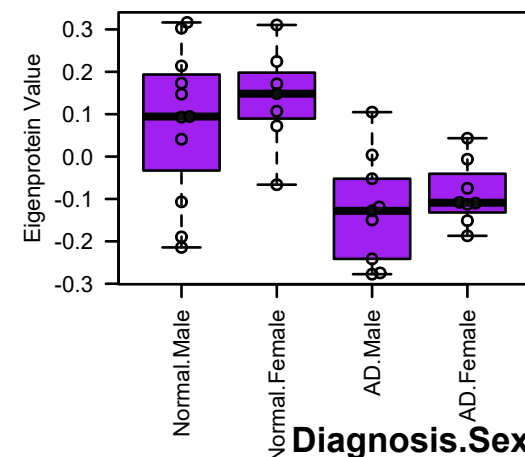
MEpurple.Plasma 35 Samp. (Synthetic)
ANOVA p: 6.6e-05



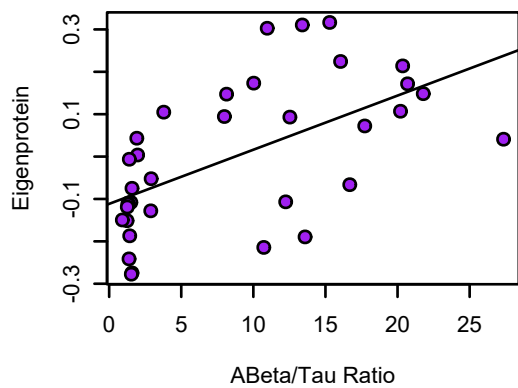
MEpurple.Plasma (Synthetic)
ANOVA p: 0.00014



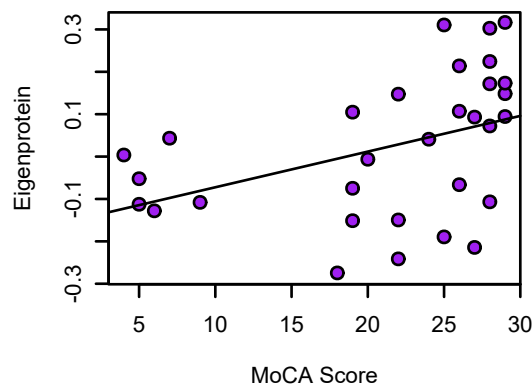
MEpurple.Plasma (Synthetic)
ANOVA p: 9e-04



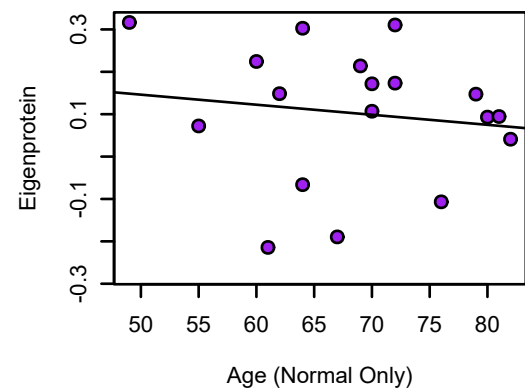
bicor=0.61, p=0.00011
cor=0.58, p=0.00026



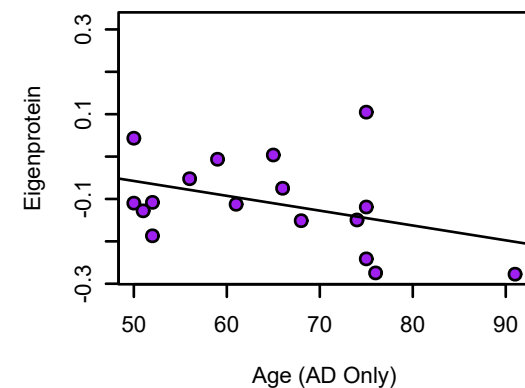
bicor=0.56, p=0.00094
cor=0.42, p=0.019



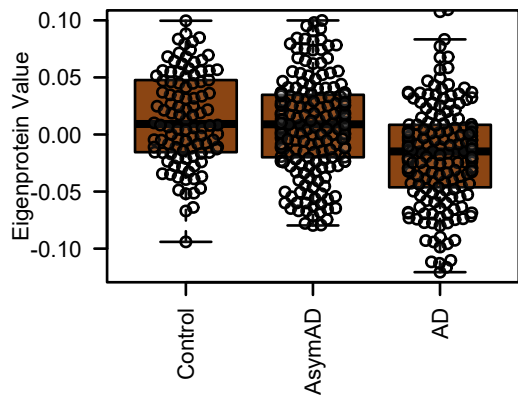
bicor=-0.16, p=0.54
cor=-0.14, p=0.58



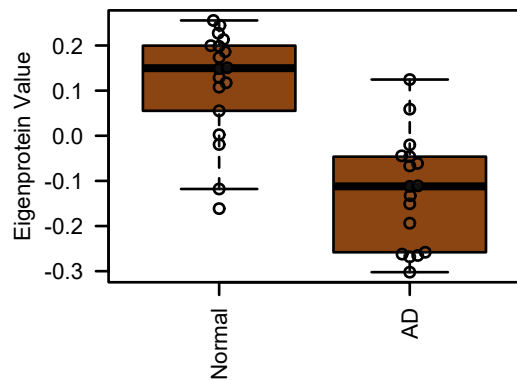
bicor=-0.41, p=0.1
cor=-0.4, p=0.11



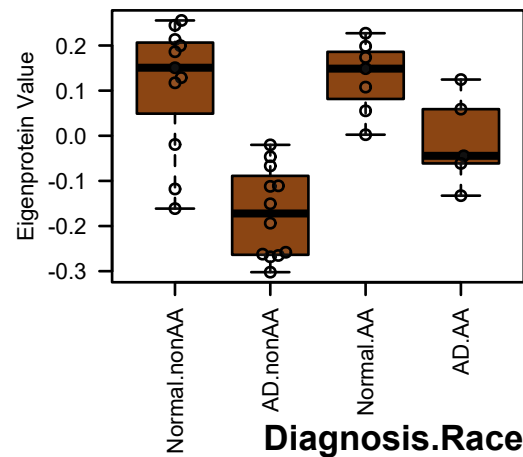
M29 saddlebrown.MEGATMT488
Glycosylation/ER



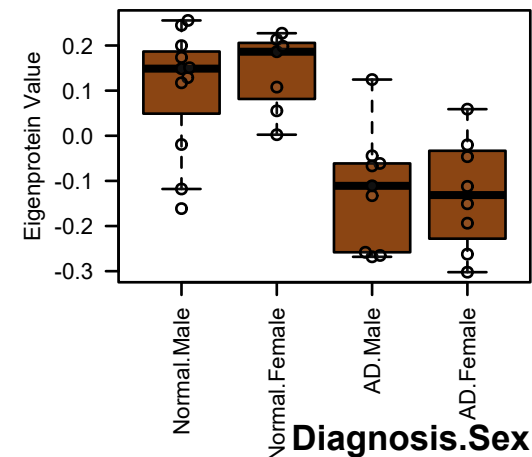
MEsaddlebrown.Plasma 35 Samp. (Syntheti
ANOVA p: 1.5e-06



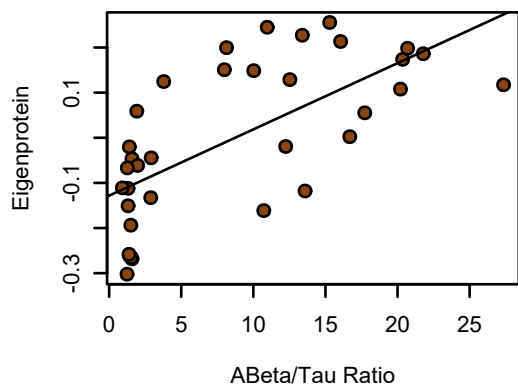
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 2.2e-06



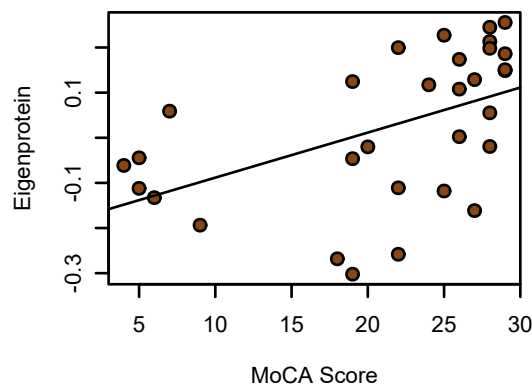
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 4.3e-05



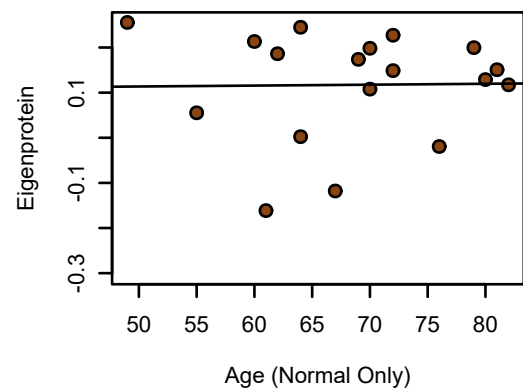
bicor=0.69, p=4.9e-06
cor=0.67, p=1.1e-05



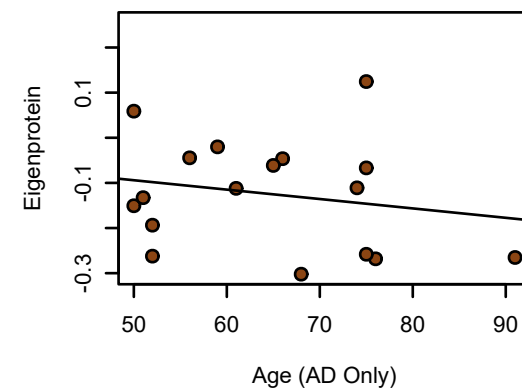
bicor=0.65, p=7.4e-05
cor=0.5, p=0.0042



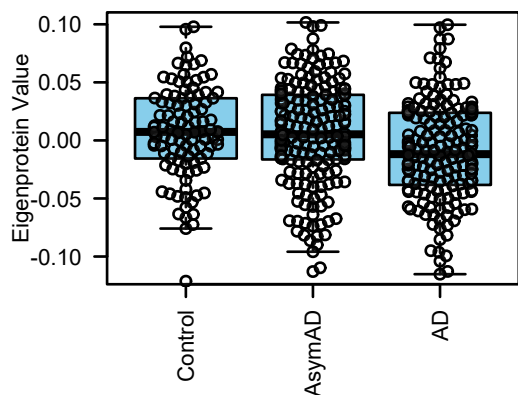
bicor=-0.045, p=0.86
cor=0.015, p=0.95



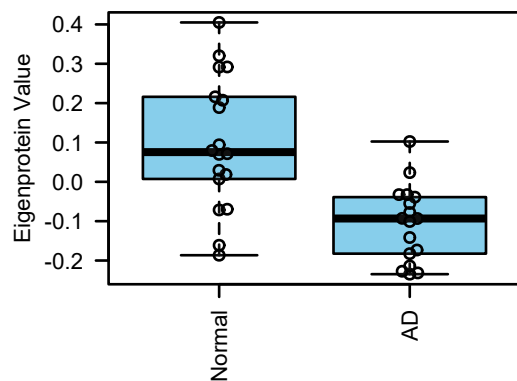
bicor=-0.19, p=0.46
cor=-0.2, p=0.44



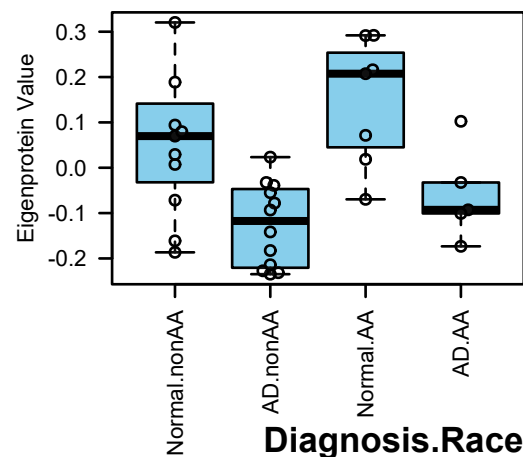
M28 skyblue.MEGATMT488
Ribosome/Translation



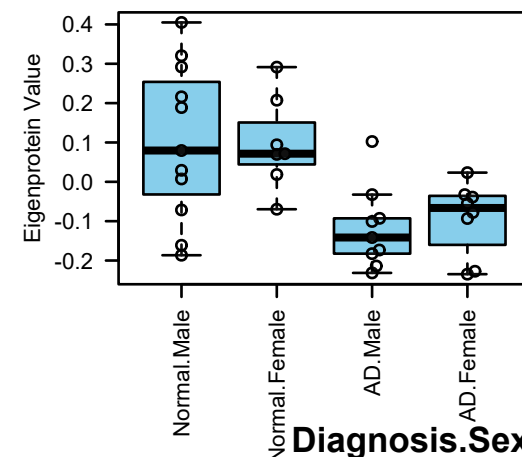
MEskyblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 1e-04



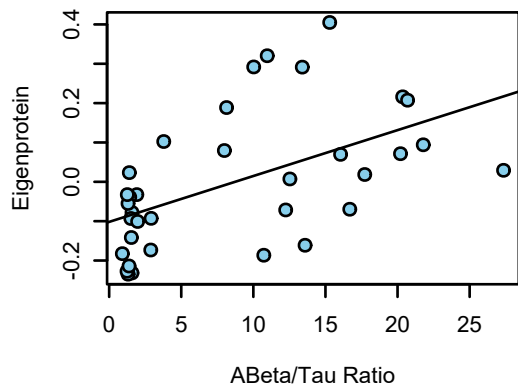
MEskyblue.Plasma (Synthetic)
ANOVA p: 0.00081



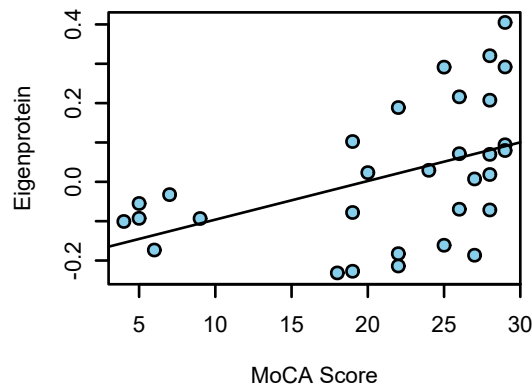
MEskyblue.Plasma (Synthetic)
ANOVA p: 0.002



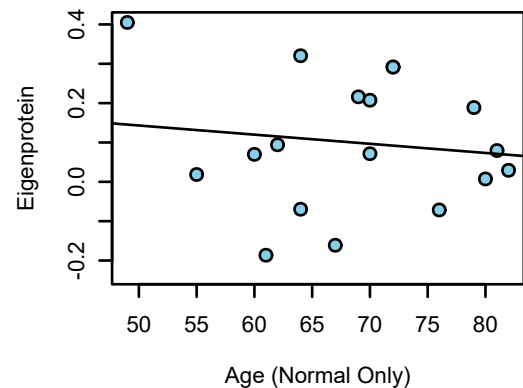
bicor=0.57, p=0.00032
cor=0.53, p=0.0011



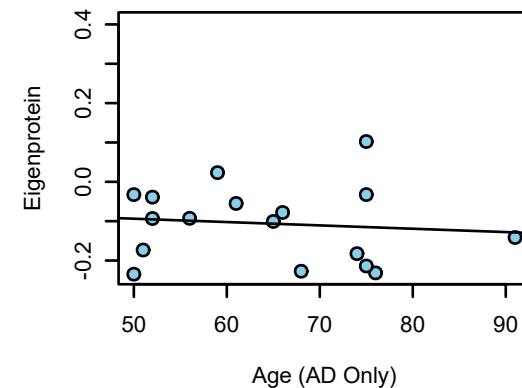
bicor=0.54, p=0.0017
cor=0.47, p=0.0076



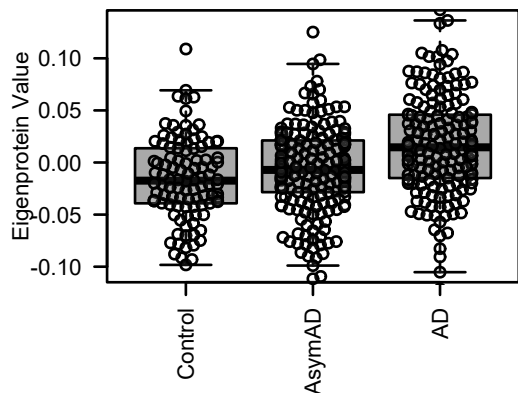
bicor=-0.09, p=0.72
cor=-0.13, p=0.61



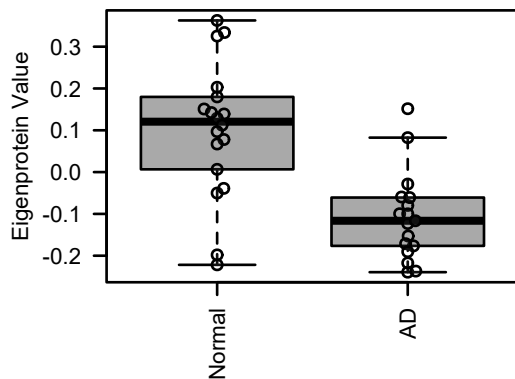
bicor=-0.13, p=0.62
cor=-0.11, p=0.67



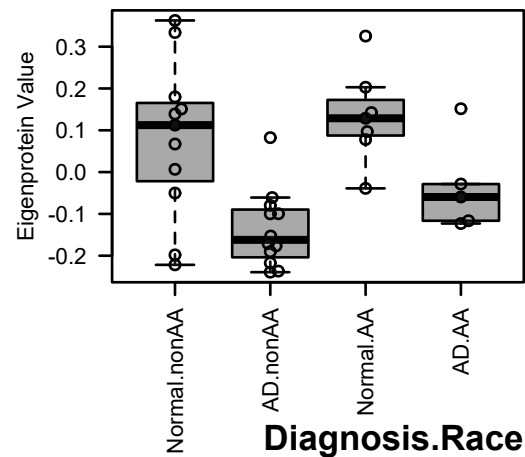
M24 darkgrey.MEGATMT488
Ubiquitination



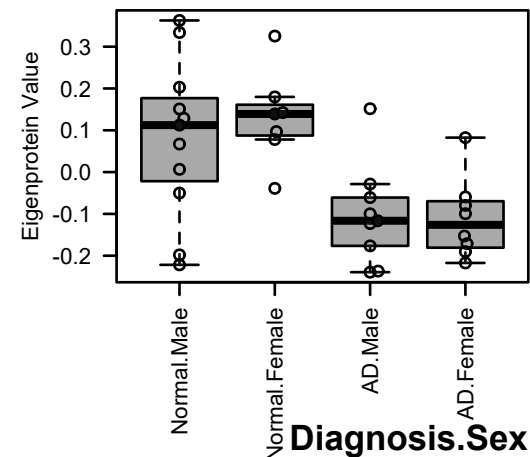
MEdarkgrey.Plasma 35 Samp. (Synthetic)
ANOVA p: 8.5e-05



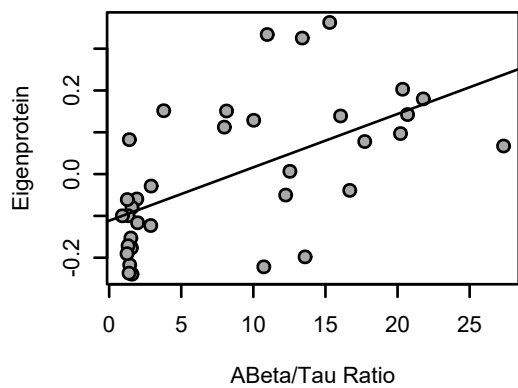
MEdarkgrey.Plasma (Synthetic)
ANOVA p: 0.00056



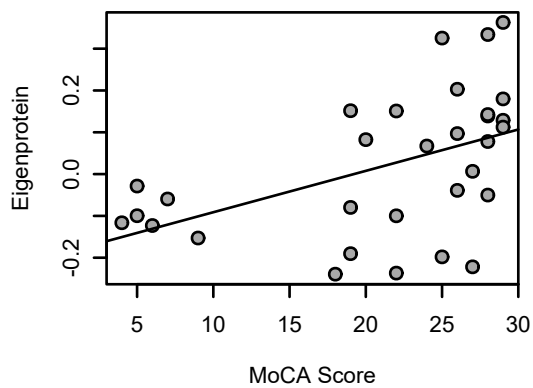
MEdarkgrey.Plasma (Synthetic)
ANOVA p: 0.0014



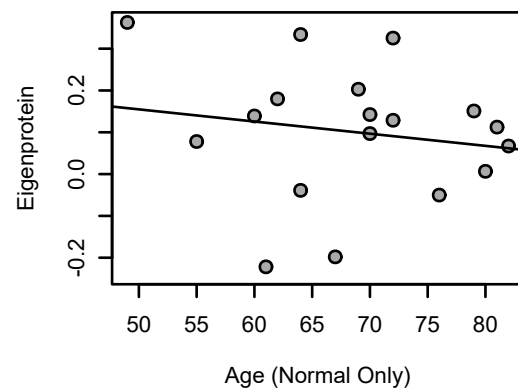
bicor=0.61, p=9.5e-05
cor=0.58, p=0.00026



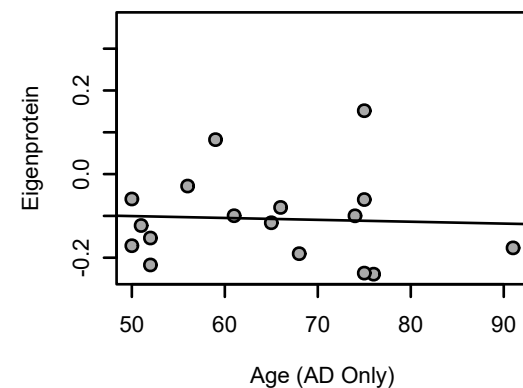
bicor=0.52, p=0.0026
cor=0.48, p=0.0063



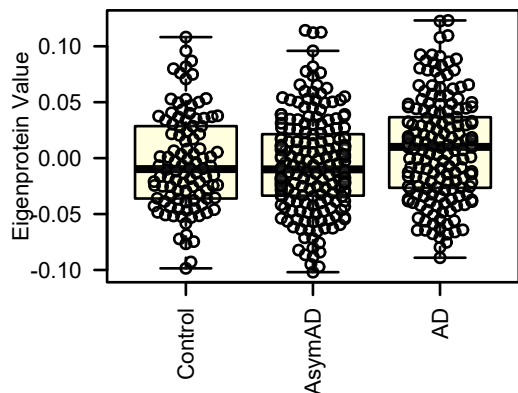
bicor=-0.2, p=0.42
cor=-0.17, p=0.5



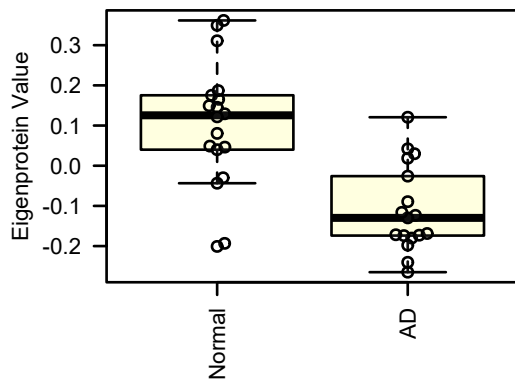
bicor=-0.11, p=0.67
cor=-0.051, p=0.85



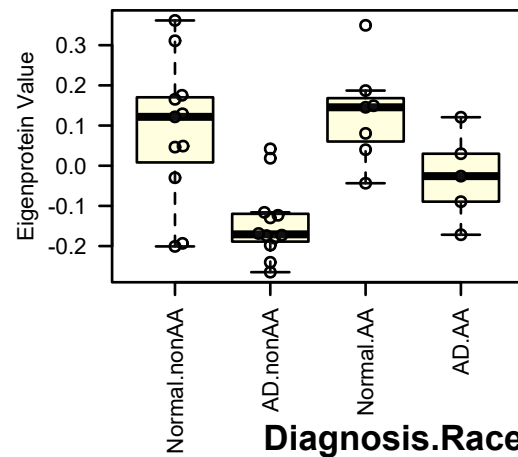
M19 lightyellow.MEGATMT488
Axonogenesis



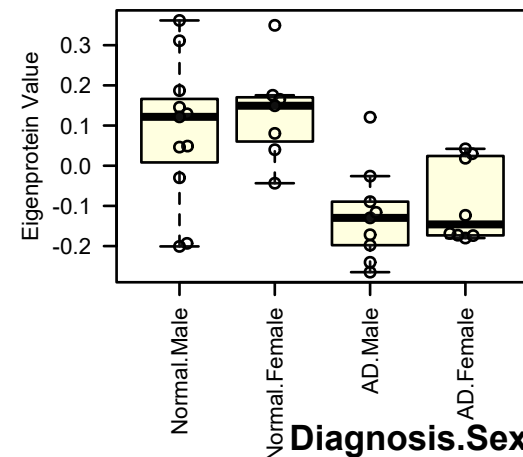
MElightyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 6.3e-05



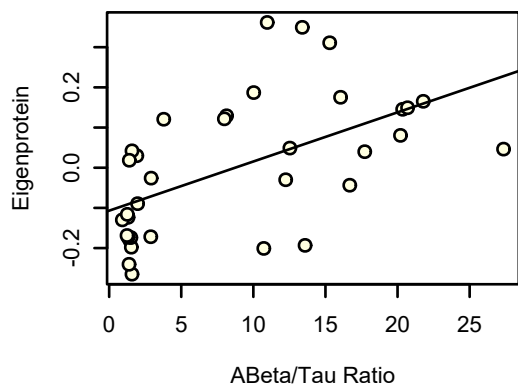
MElightyellow.Plasma (Synthetic)
ANOVA p: 0.00035



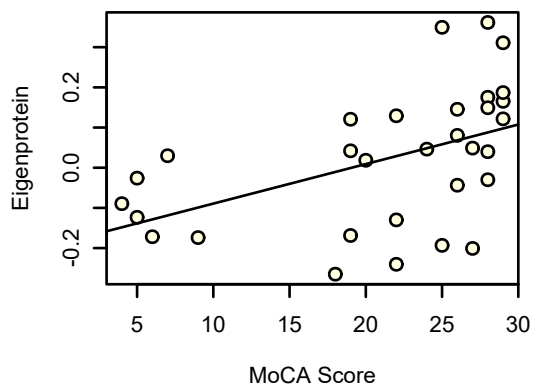
MElightyellow.Plasma (Synthetic)
ANOVA p: 0.001



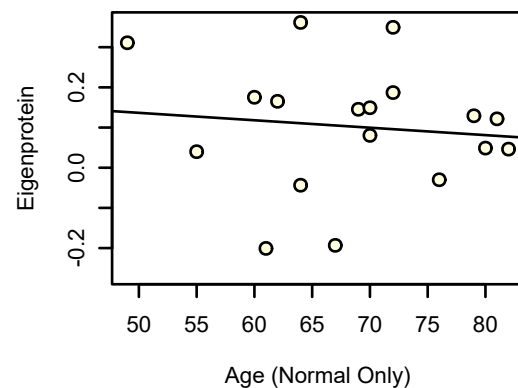
bicor=0.57, p=0.00035
cor=0.56, p=0.00047



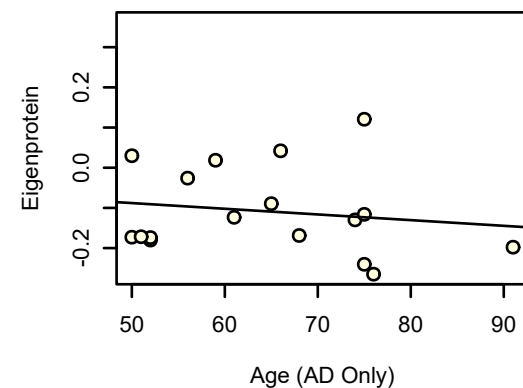
bicor=0.57, p=0.00076
cor=0.48, p=0.0063



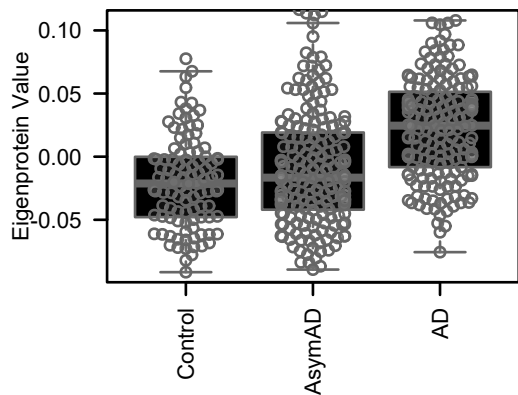
bicor=-0.13, p=0.59
cor=-0.11, p=0.66



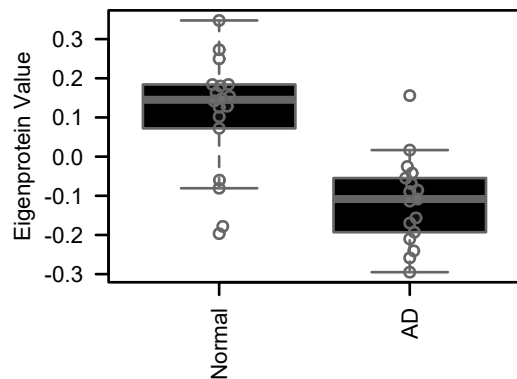
bicor=-0.22, p=0.39
cor=-0.16, p=0.54



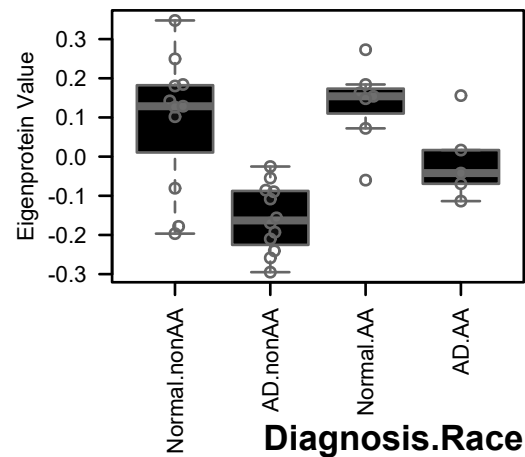
M7 black.MEGATMT488
MAPK/Metabolism



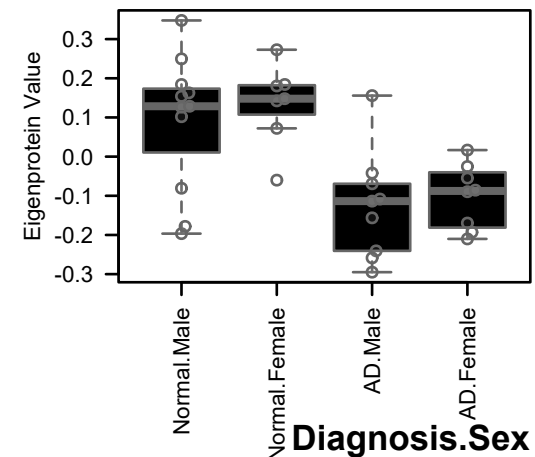
MEblack.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.9e-05



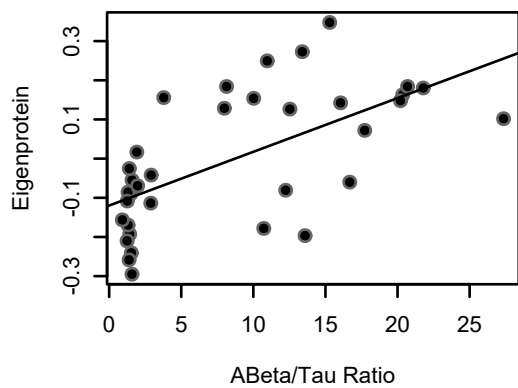
MEblack.Plasma (Synthetic)
ANOVA p: 4.7e-05



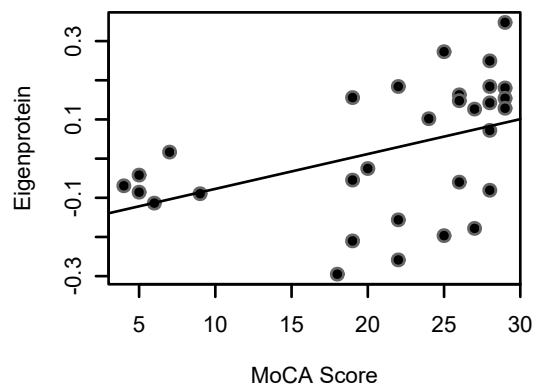
MEblack.Plasma (Synthetic)
ANOVA p: 0.00038



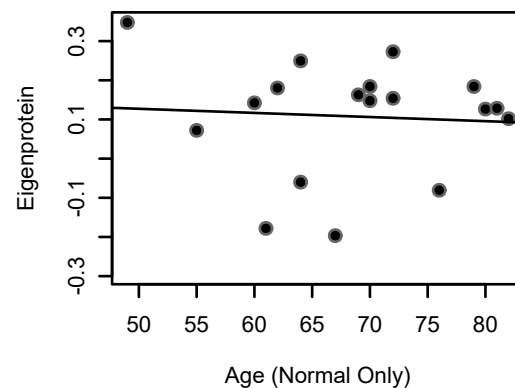
bicor=0.64, p=3.4e-05
cor=0.63, p=5e-05



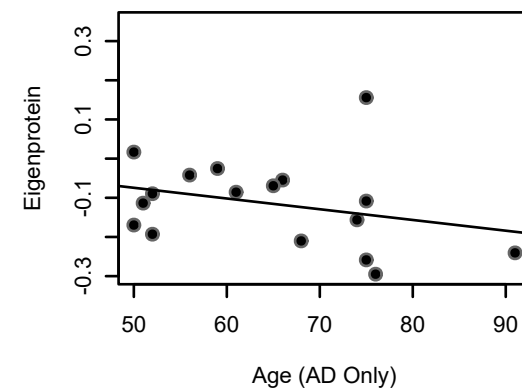
bicor=0.54, p=0.0018
cor=0.44, p=0.013



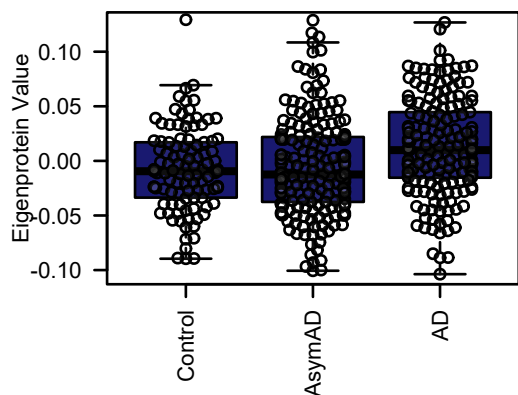
bicor=-0.19, p=0.46
cor=-0.066, p=0.79



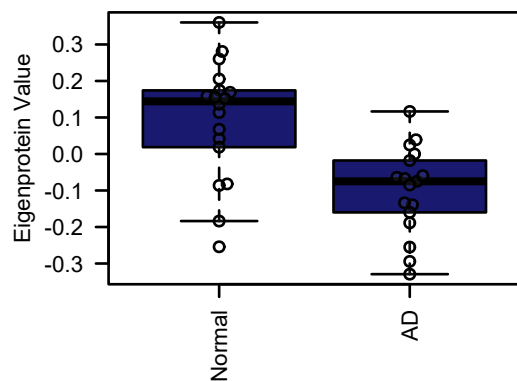
bicor=-0.34, p=0.18
cor=-0.29, p=0.26



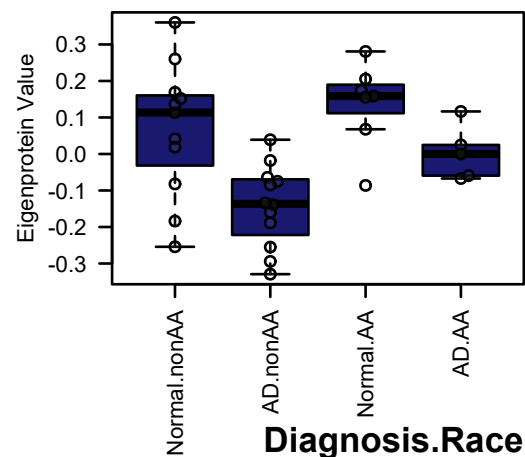
M15 midnightblue.MEGATMT488
Ambiguous



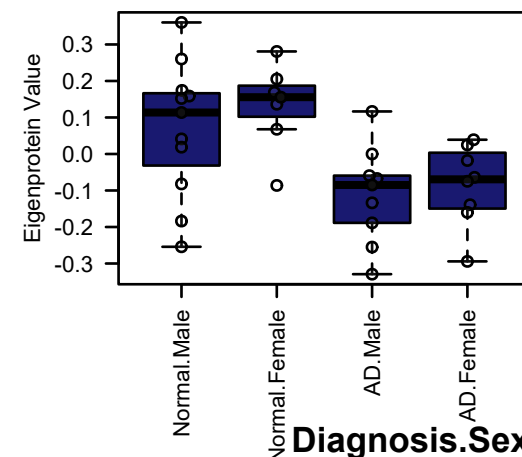
MEmidnightblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00034



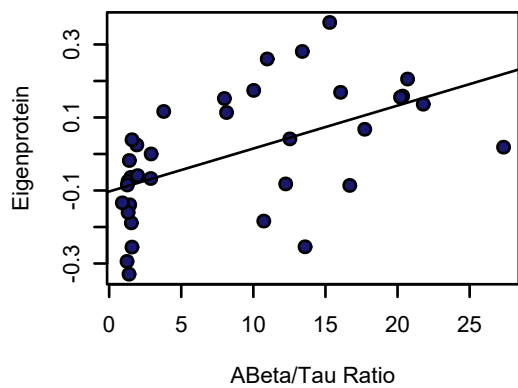
MEMidnightblue.Plasma (Synthetic)
ANOVA p: 0.00065



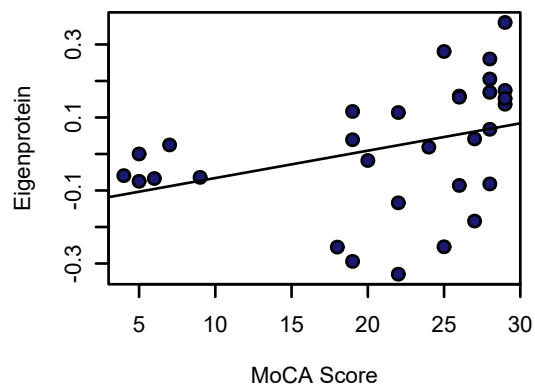
MEMidnightblue.Plasma (Synthetic)
ANOVA p: 0.0039



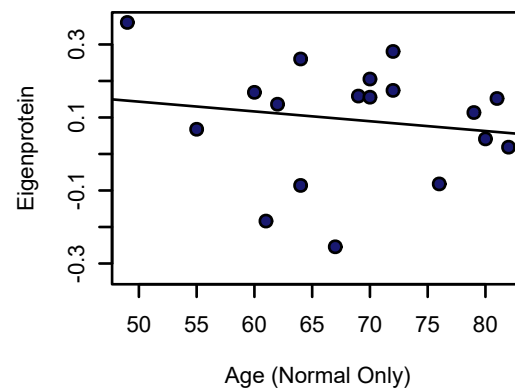
bicor=0.56, p=5e-04
cor=0.54, p=0.00081



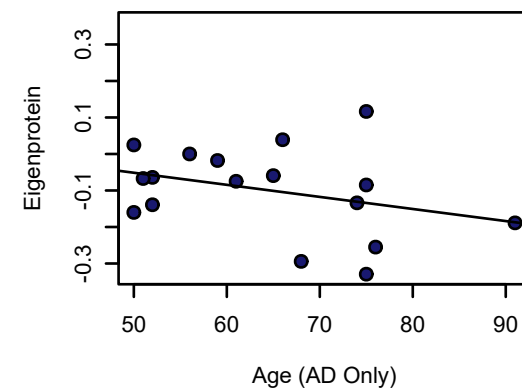
bicor=0.52, p=0.0029
cor=0.36, p=0.047



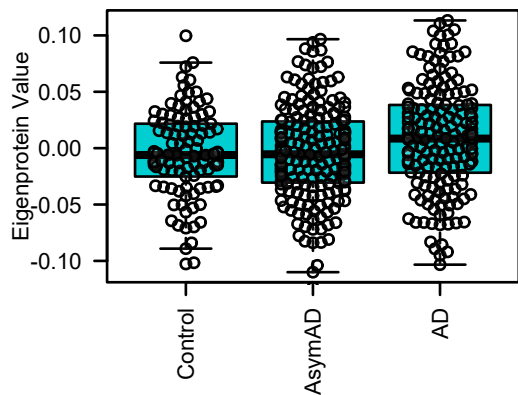
bicor=-0.15, p=0.56
cor=-0.15, p=0.55



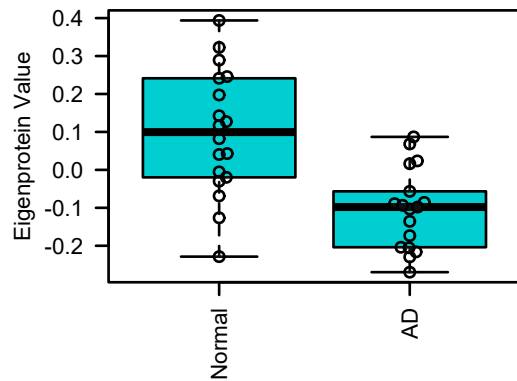
bicor=-0.32, p=0.21
cor=-0.33, p=0.2



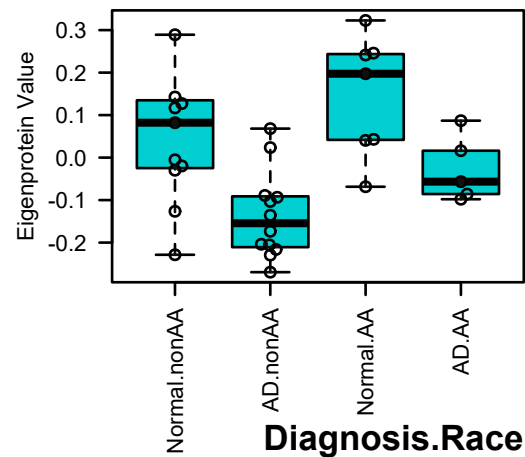
M23 darkturquoise.MEGATMT488
Ambiguous



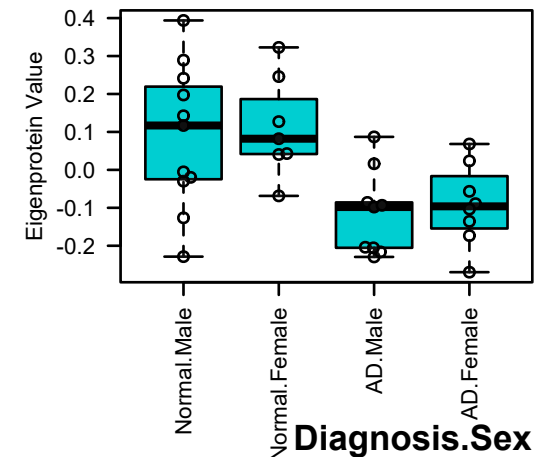
MEdarkturquoise.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00015



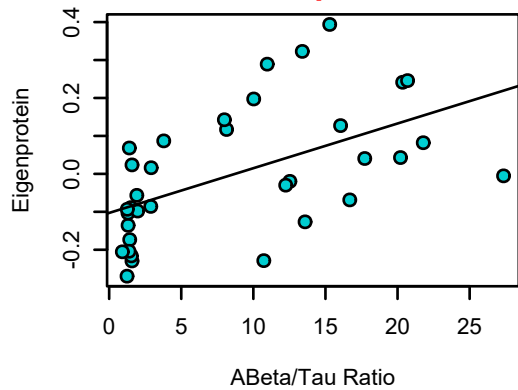
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 6e-04



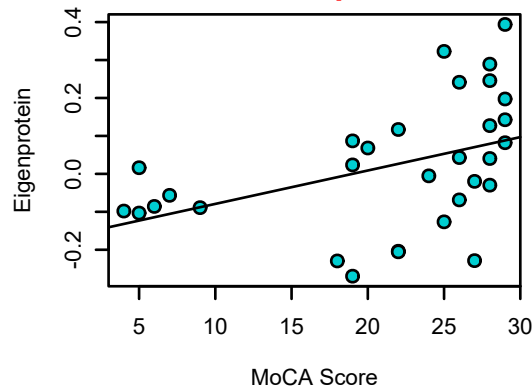
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 0.0028



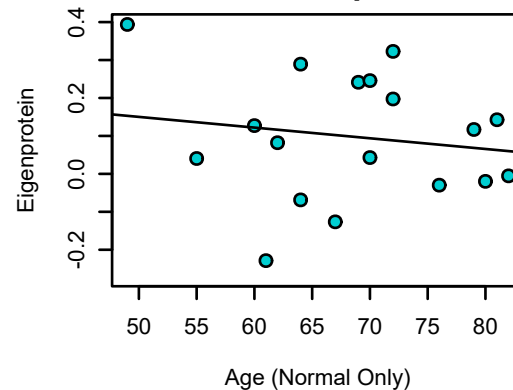
bicor=0.57, p=0.00036
cor=0.54, p=0.00081



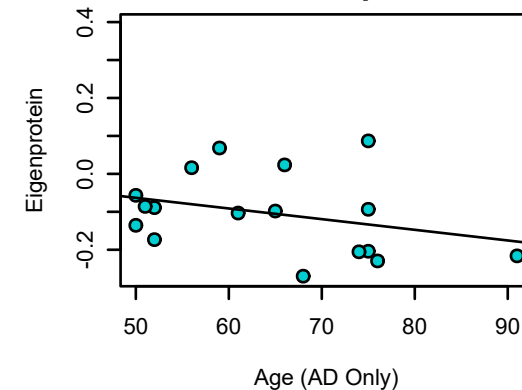
bicor=0.52, p=0.0024
cor=0.43, p=0.016



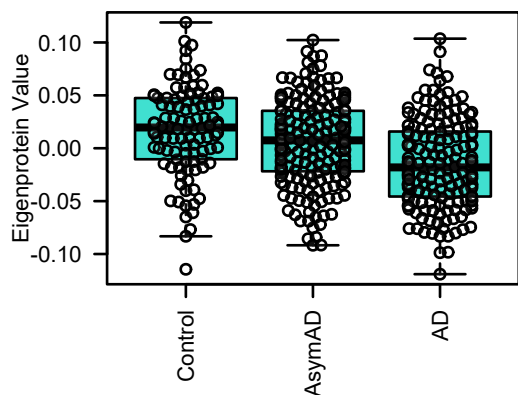
bicor=-0.13, p=0.62
cor=-0.16, p=0.53



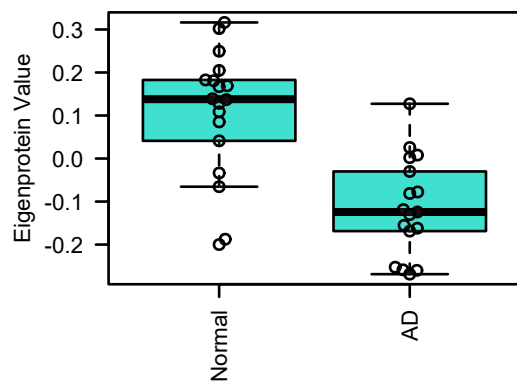
bicor=-0.32, p=0.22
cor=-0.32, p=0.21



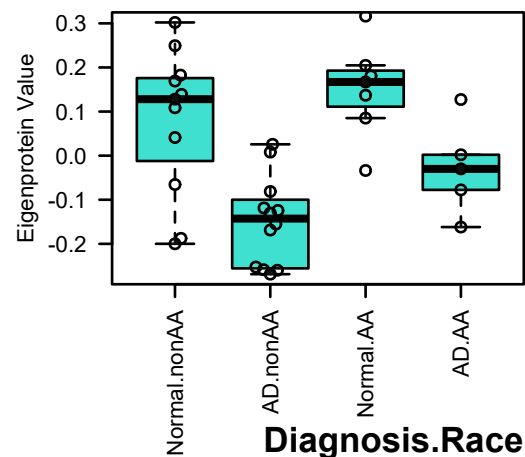
M1 turquoise.MEGATMT488
Synapse/Neuron



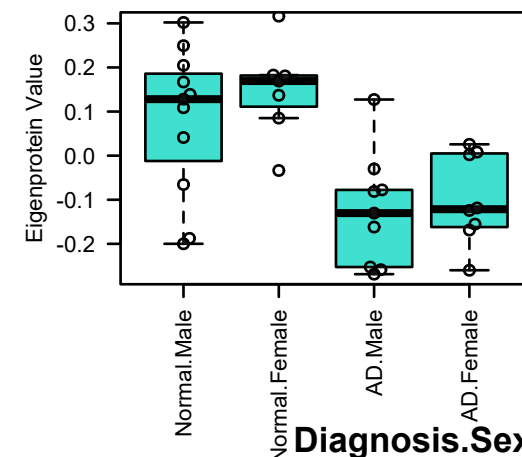
MEturquoise.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.3e-05



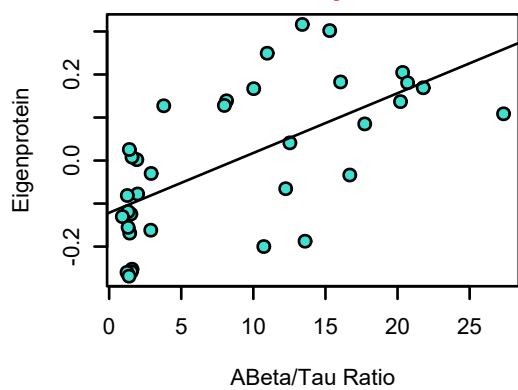
MEturquoise.Plasma (Synthetic)
ANOVA p: 7.7e-05



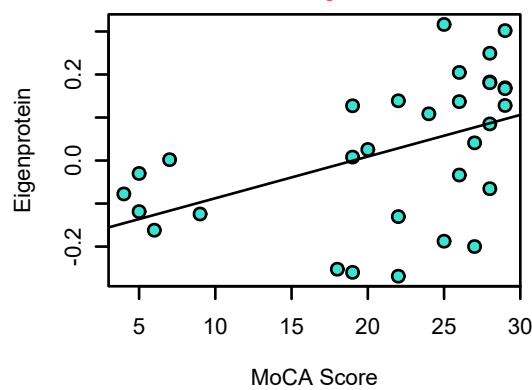
MEturquoise.Plasma (Synthetic)
ANOVA p: 0.00033



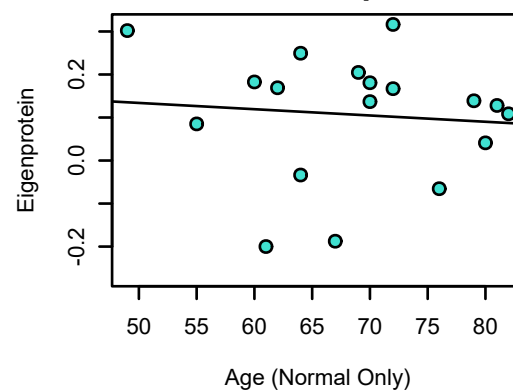
bicor=0.65, p=2.5e-05
cor=0.63, p=5e-05



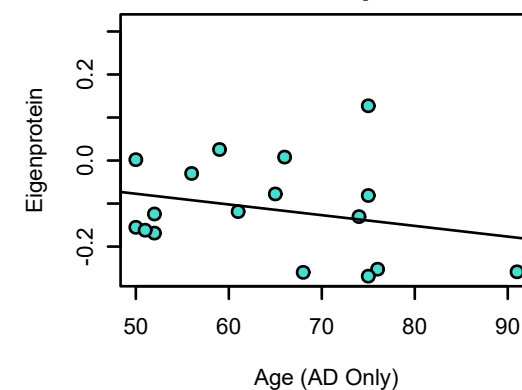
bicor=0.56, p=0.0011
cor=0.48, p=0.0063



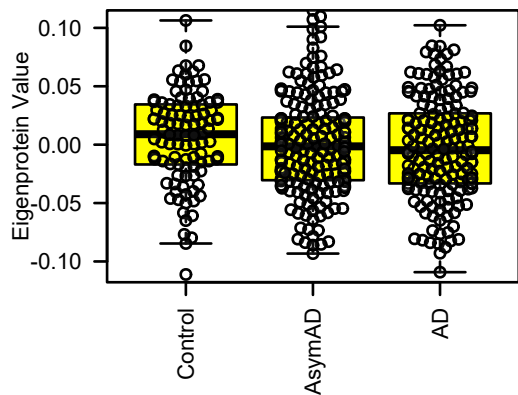
bicor=-0.19, p=0.45
cor=-0.091, p=0.72



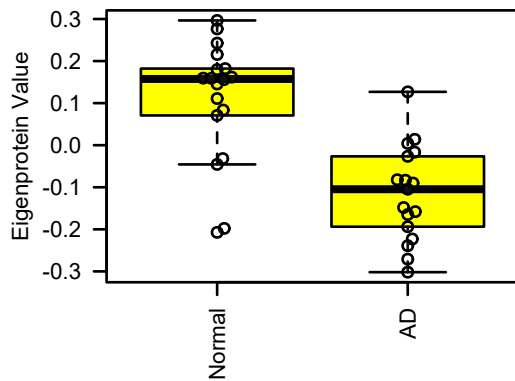
bicor=-0.28, p=0.28
cor=-0.26, p=0.31



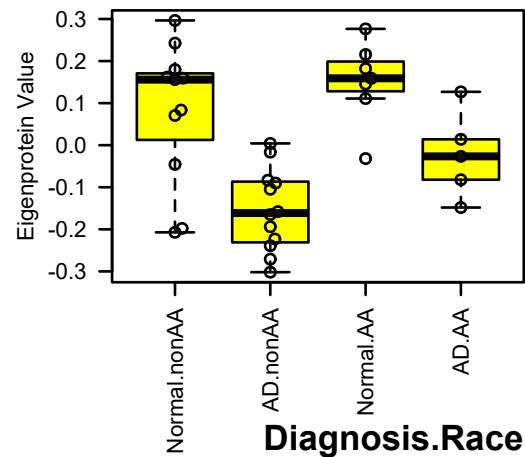
M4 yellow.MEGATMT488
Synapse/Neuron



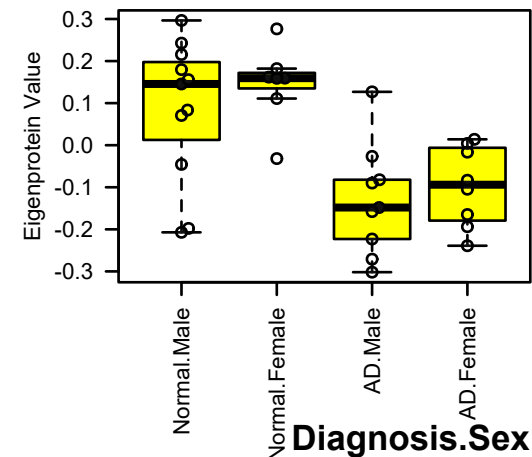
MEyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.5e-05



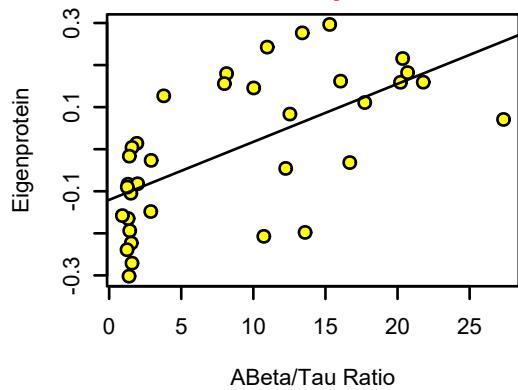
MEyellow.Plasma (Synthetic)
ANOVA p: 4e-05



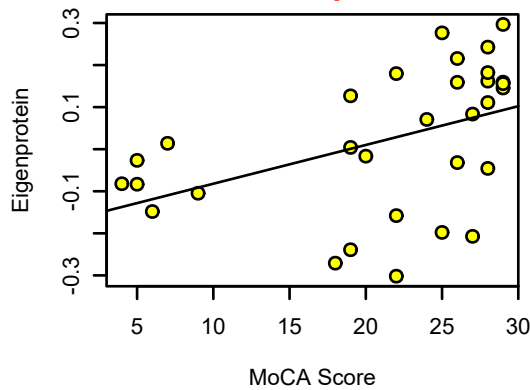
MEyellow.Plasma (Synthetic)
ANOVA p: 0.00024



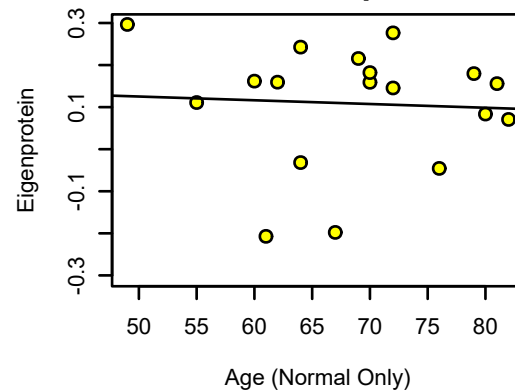
bicor=0.65, p=2.5e-05
cor=0.63, p=5e-05



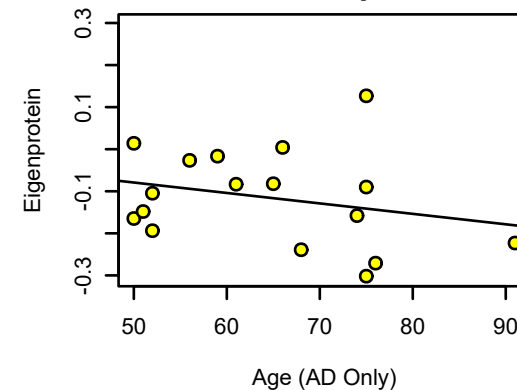
bicor=0.54, p=0.0016
cor=0.45, p=0.011



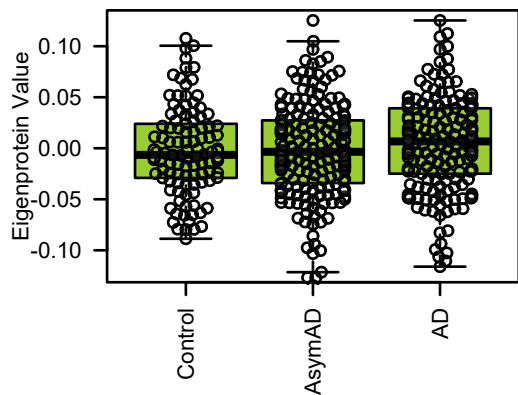
bicor=-0.14, p=0.58
cor=-0.057, p=0.82



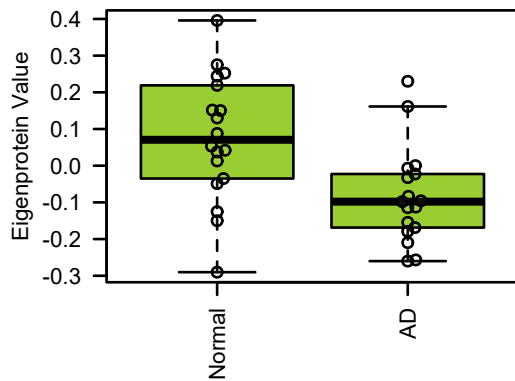
bicor=-0.26, p=0.31
cor=-0.26, p=0.31



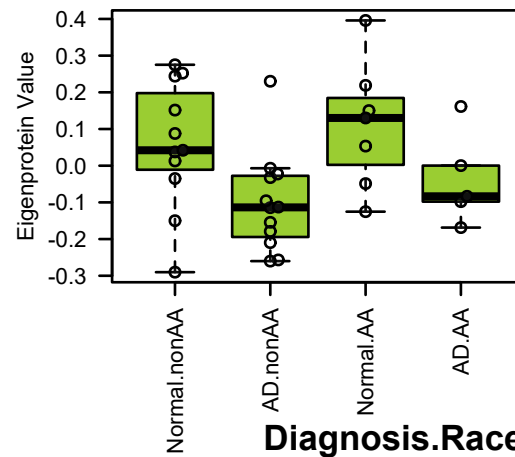
M36 yellowgreen.MEGATMT488
Neurotransmitter Regulation



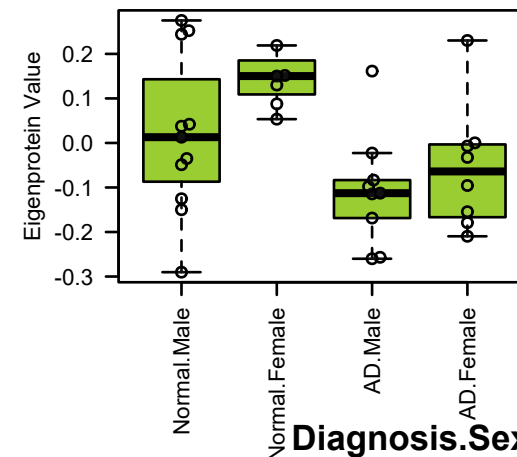
MEyellowgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.004



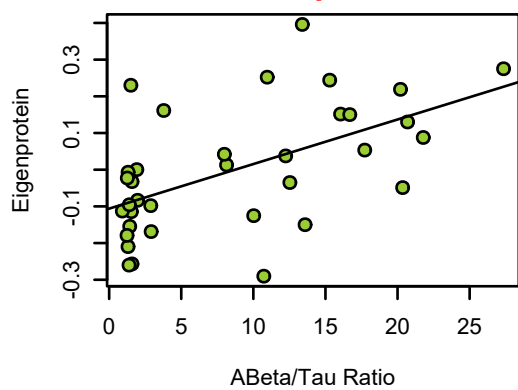
MEyellowgreen.Plasma (Synthetic)
ANOVA p: 0.028



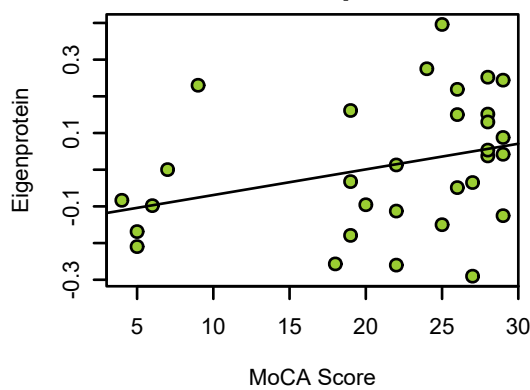
MEyellowgreen.Plasma (Synthetic)
ANOVA p: 0.0053



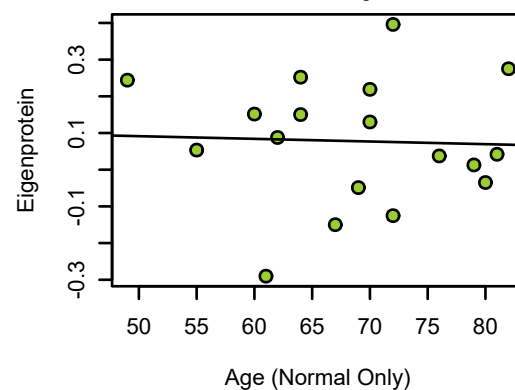
bicor=0.57, p=0.00037
cor=0.55, p=0.00062



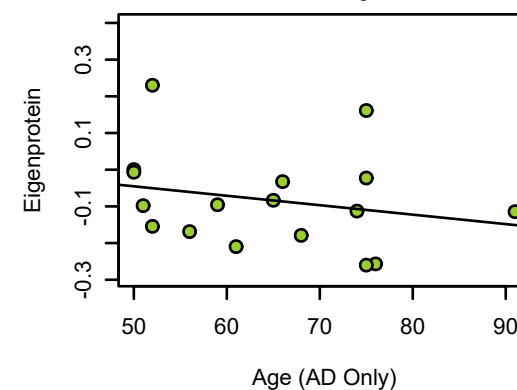
bicor=0.32, p=0.08
cor=0.33, p=0.07



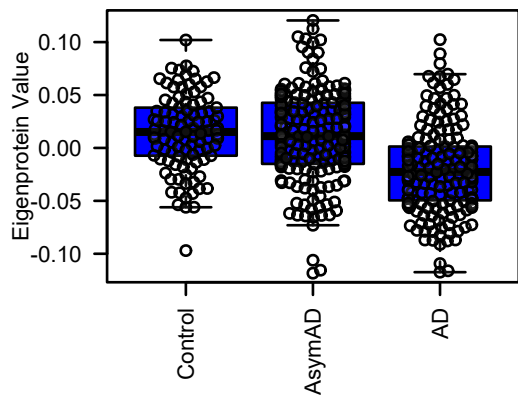
bicor=-0.068, p=0.79
cor=-0.039, p=0.88



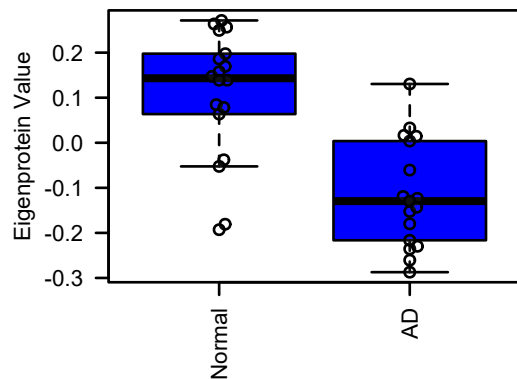
bicor=-0.24, p=0.36
cor=-0.23, p=0.37



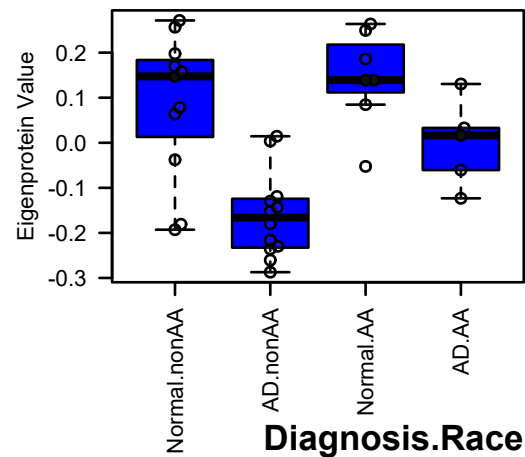
**M2 blue.MEGATMT488
Mitochondria**



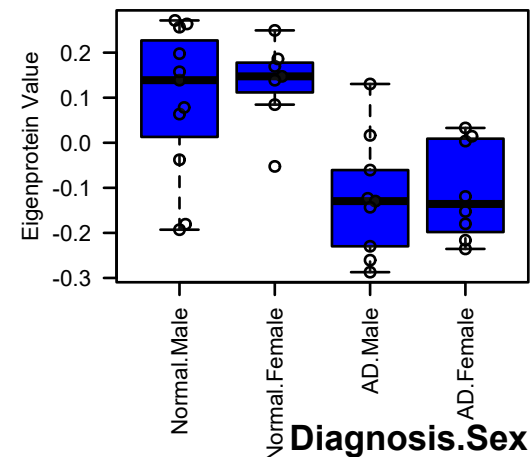
**MEblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.9e-05**



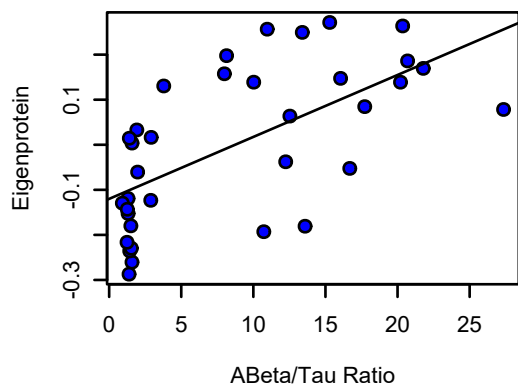
**MEblue.Plasma (Synthetic)
ANOVA p: 2.3e-05**



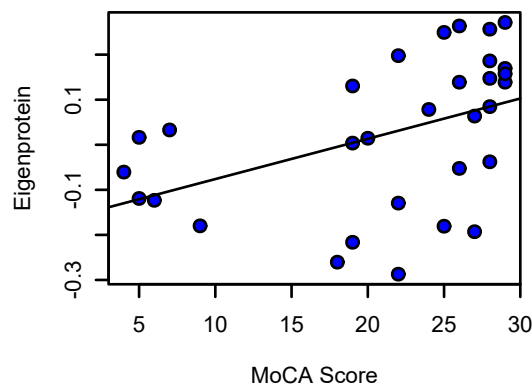
**MEblue.Plasma (Synthetic)
ANOVA p: 0.00042**



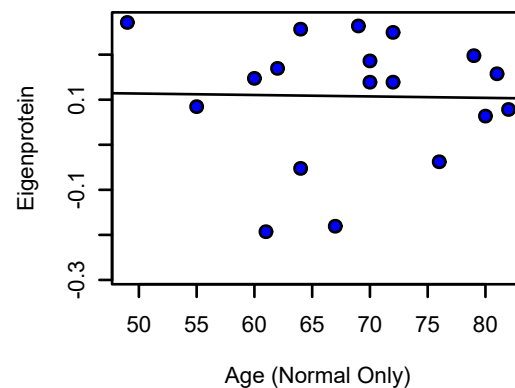
**bicor=0.63, p=4.5e-05
cor=0.63, p=5e-05**



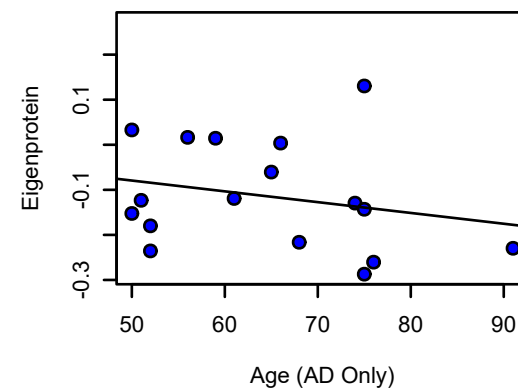
**bicor=0.56, p=0.0012
cor=0.45, p=0.011**



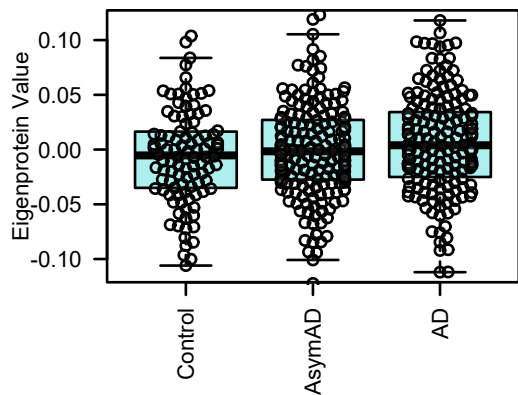
**bicor=-0.056, p=0.83
cor=-0.021, p=0.93**



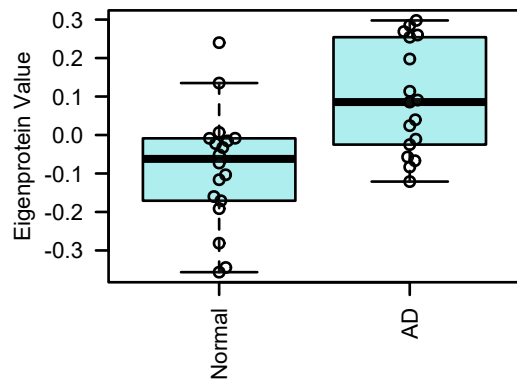
**bicor=-0.26, p=0.32
cor=-0.24, p=0.35**



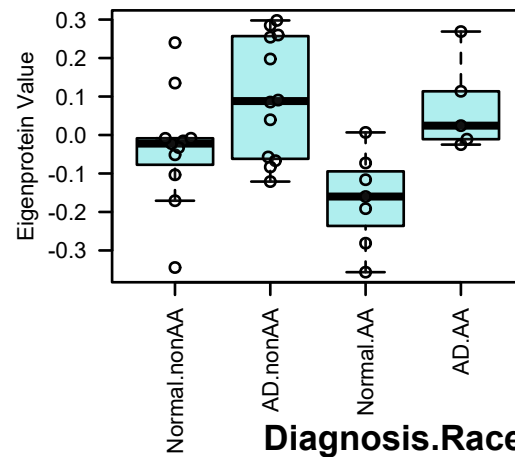
**M31 paleturquoise.MEGATMT488
Axon Node/Ion Channel**



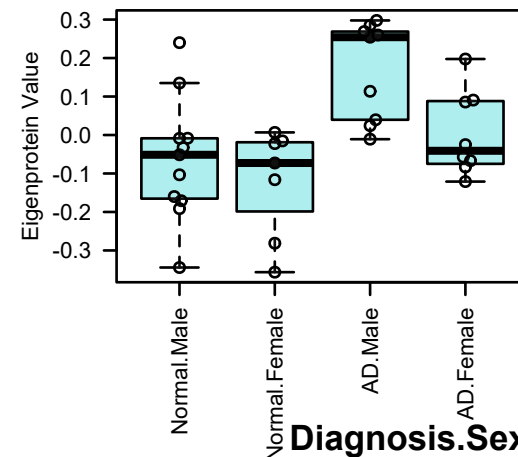
**MEpaleturquoise.Plasma 35 Samp. (Synthet)
ANOVA p: 0.0012**



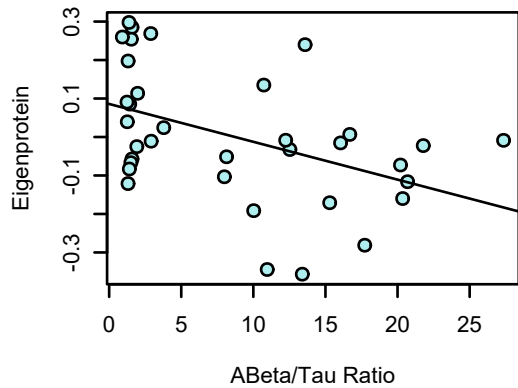
**MEpaleturquoise.Plasma (Synthetic)
ANOVA p: 0.0033**



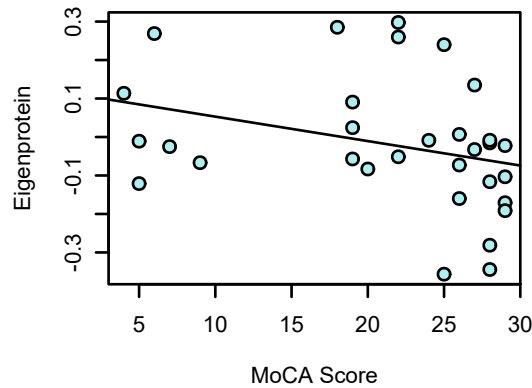
**MEpaleturquoise.Plasma (Synthetic)
ANOVA p: 0.00085**



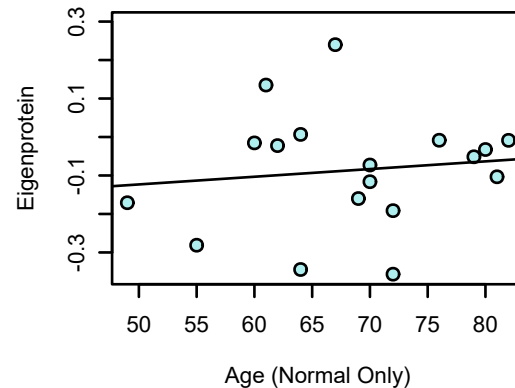
**bicor=-0.46, p=0.0051
cor=-0.45, p=0.0067**



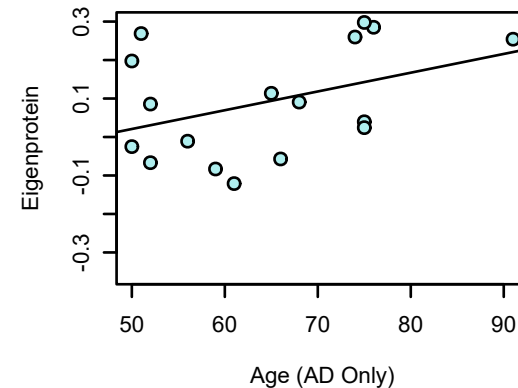
**bicor=-0.44, p=0.014
cor=-0.31, p=0.09**



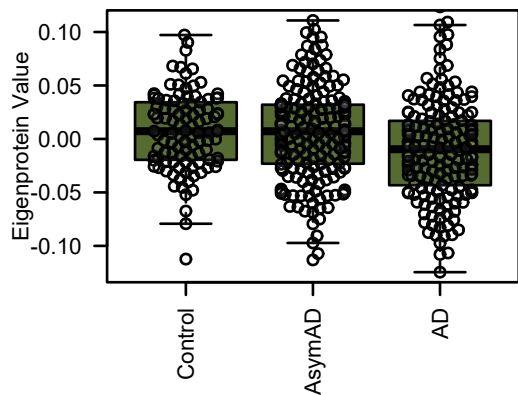
**bicor=0.15, p=0.56
cor=0.12, p=0.64**



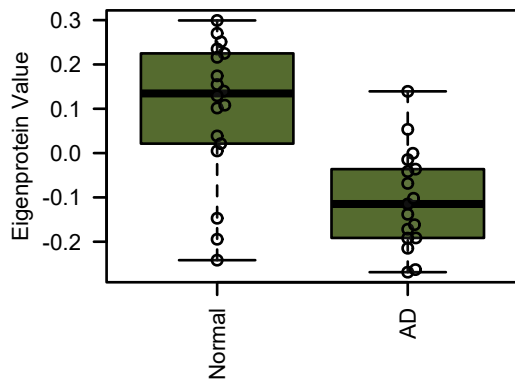
**bicor=0.4, p=0.11
cor=0.41, p=0.1**



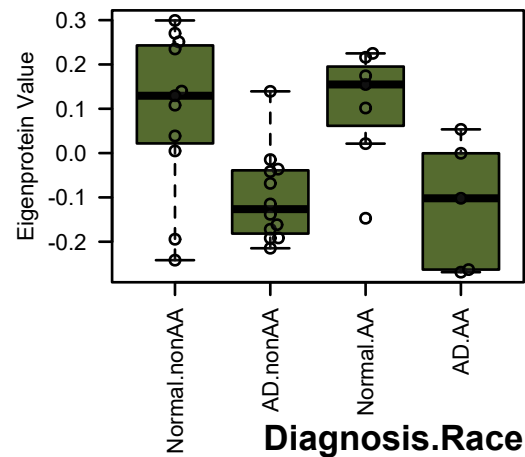
M33 darkolivegreen.MEGATMT488
Ambiguous



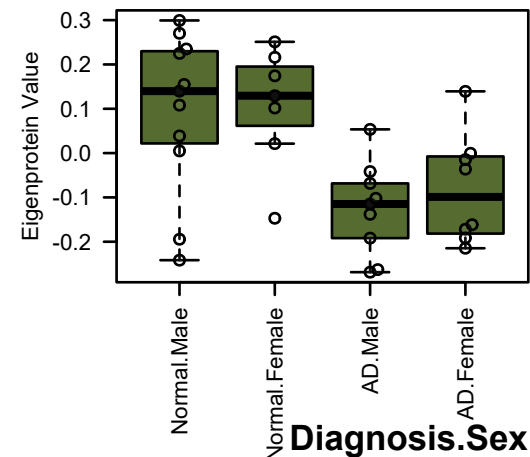
MEdarkolivegreen.Plasma 35 Samp. (Synthet
ANOVA p: 0.00012



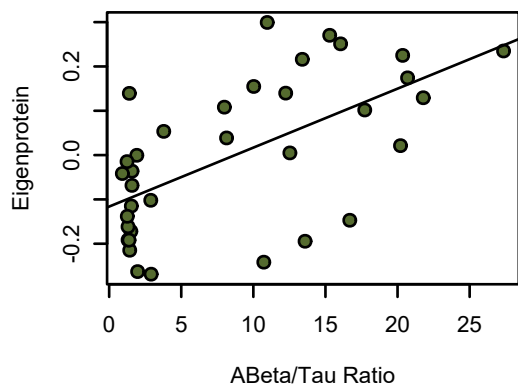
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 0.0024



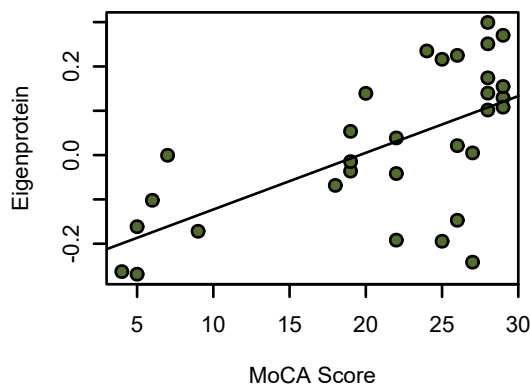
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 0.002



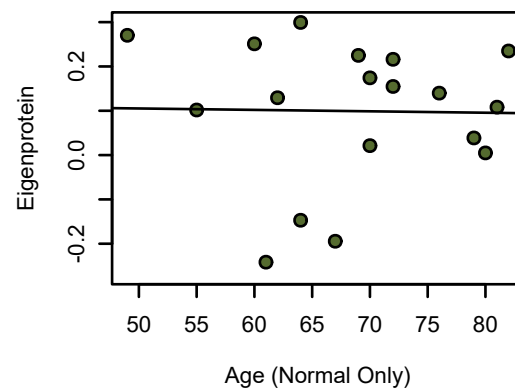
bicor=0.61, p=9.4e-05
cor=0.61, p=1e-04



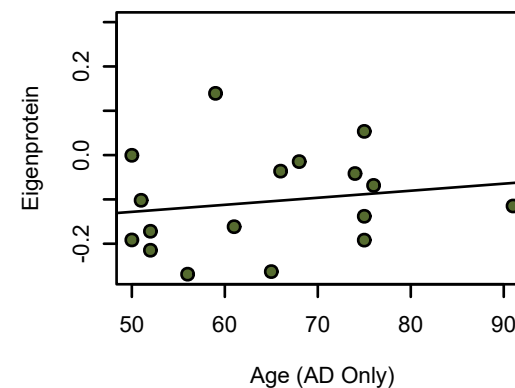
bicor=0.52, p=0.0026
cor=0.62, p=2e-04



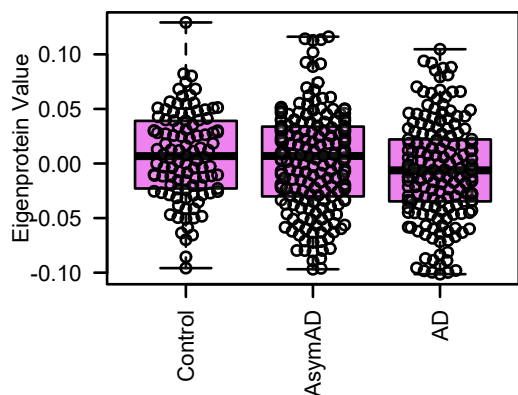
bicor=-0.034, p=0.89
cor=-0.018, p=0.94



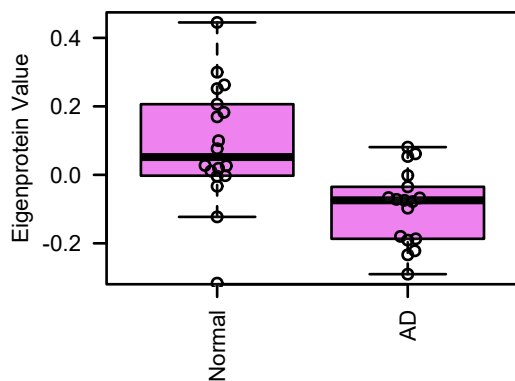
bicor=0.2, p=0.44
cor=0.17, p=0.51



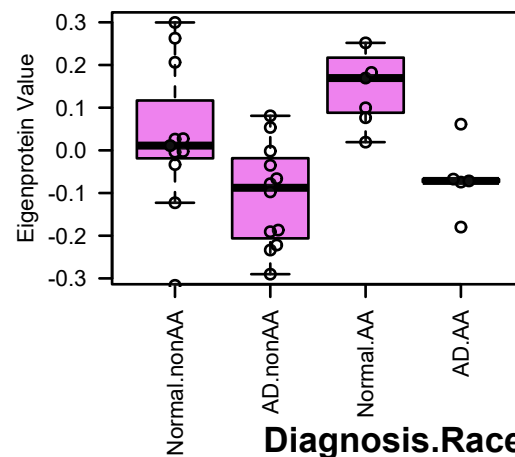
M32 violet.MEGATMT488
Ambiguous



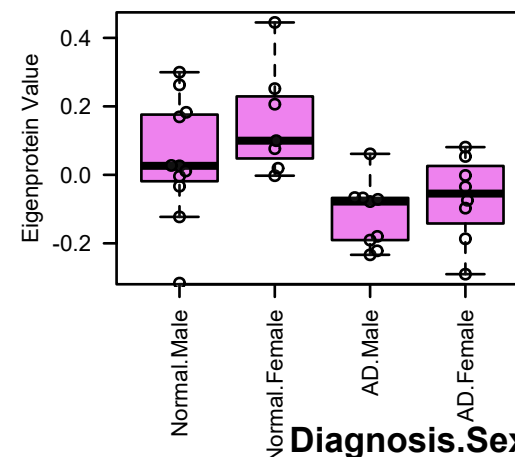
MEviolet.Plasma 35 Samp. (Synthetic)
ANOVA p: 8e-04



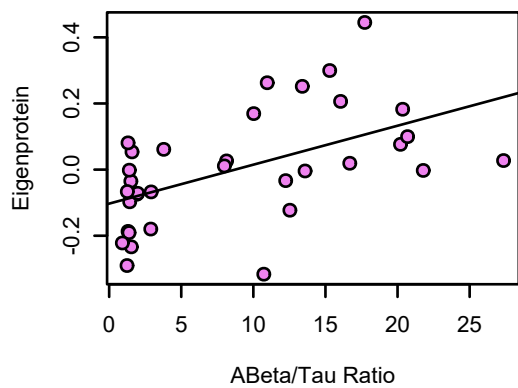
MEviolet.Plasma (Synthetic)
ANOVA p: 0.0015



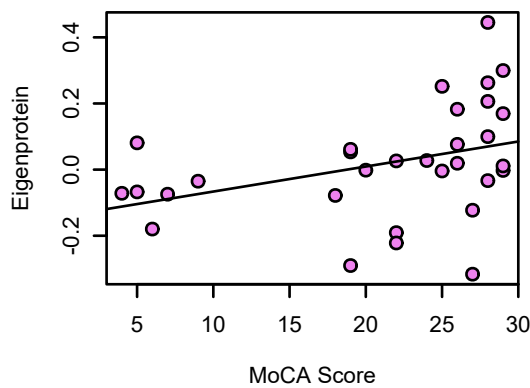
MEviolet.Plasma (Synthetic)
ANOVA p: 0.0032



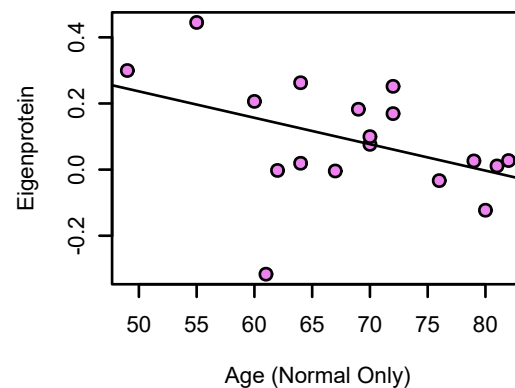
bicor=0.58, p=0.00029
cor=0.54, p=0.00081



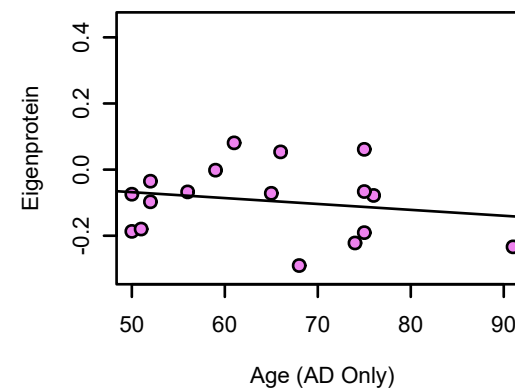
bicor=0.47, p=0.0082
cor=0.37, p=0.04



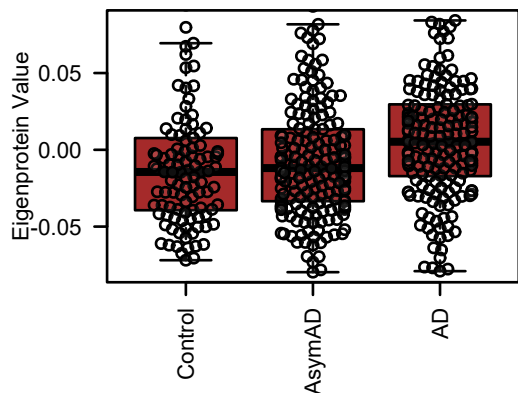
bicor=-0.43, p=0.072
cor=-0.42, p=0.083



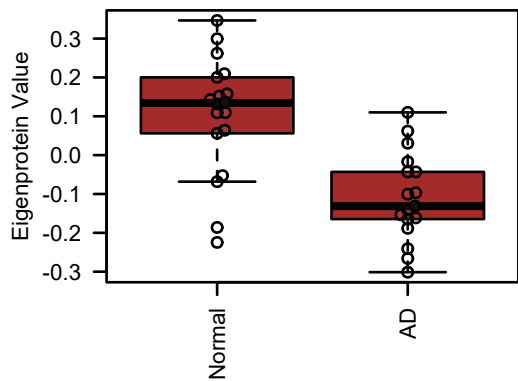
bicor=-0.17, p=0.52
cor=-0.2, p=0.44



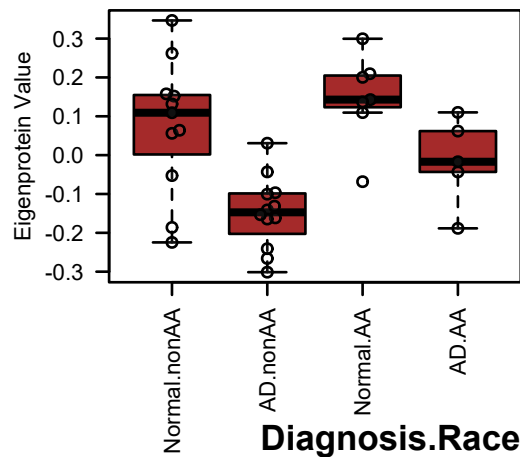
M3 brown.MEGATMT488
Oligo/Myelination



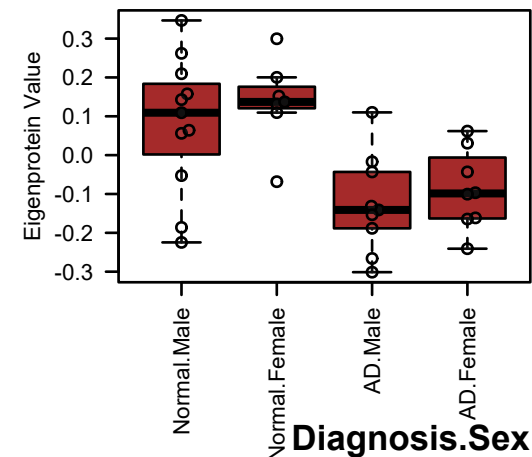
MEbrown.Plasma 35 Samp. (Synthetic)
ANOVA p: 6.1e-05



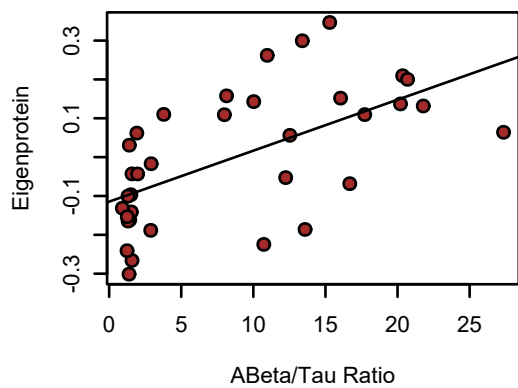
MEbrown.Plasma (Synthetic)
ANOVA p: 0.00015



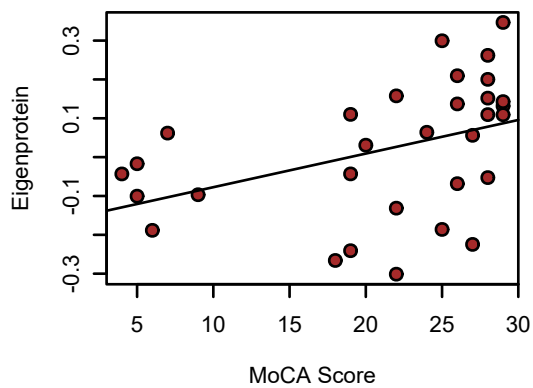
MEbrown.Plasma (Synthetic)
ANOVA p: 0.00086



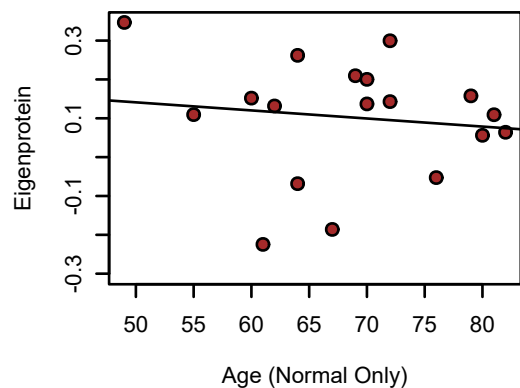
bicor=0.62, p=6.9e-05
cor=0.6, p=0.00014



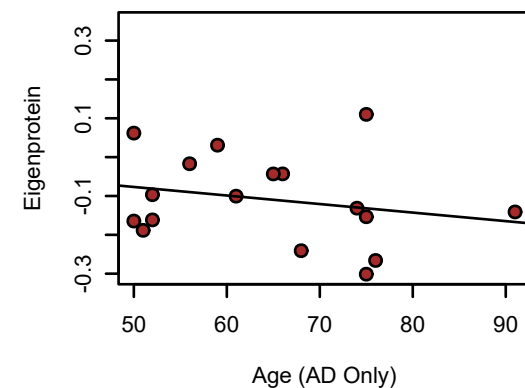
bicor=0.57, p=0.00077
cor=0.42, p=0.019



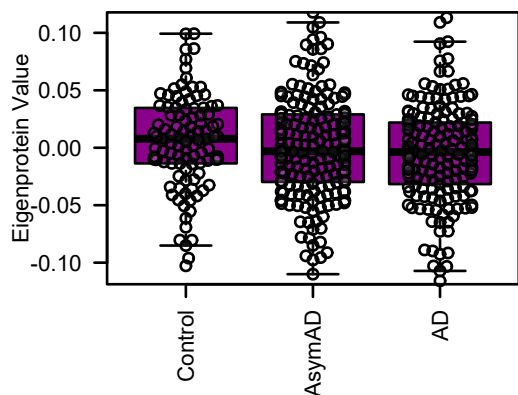
bicor=-0.17, p=0.5
cor=-0.12, p=0.64



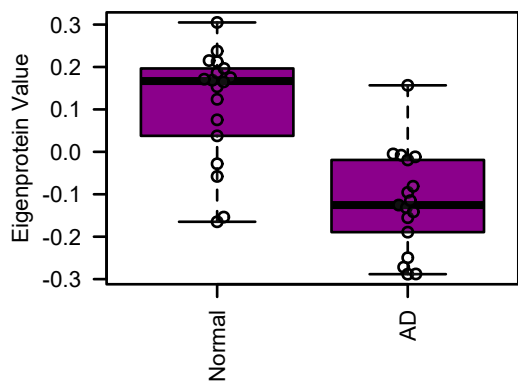
bicor=-0.26, p=0.32
cor=-0.23, p=0.37



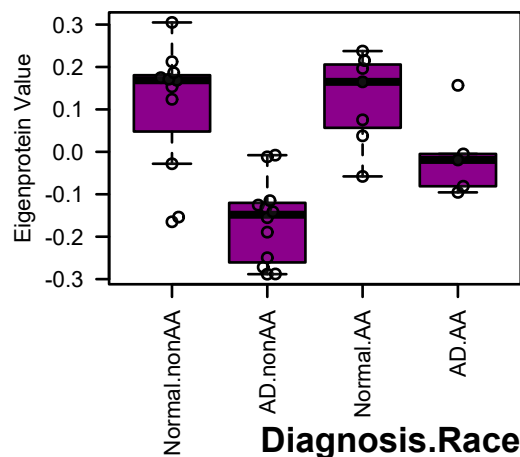
M34 darkmagenta.MEGATMT488
Ambiguous



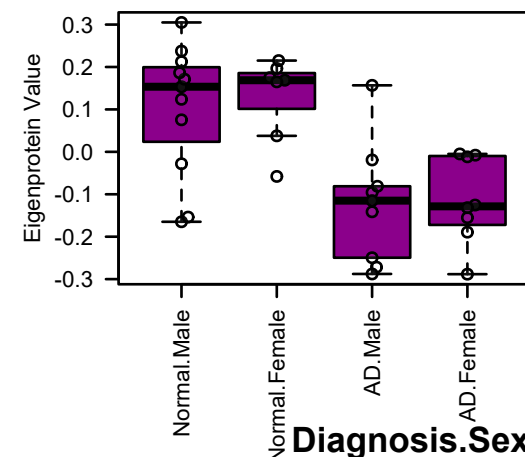
MEdarkmagenta.Plasma 35 Samp. (Synthetic)
ANOVA p: 6.2e-06



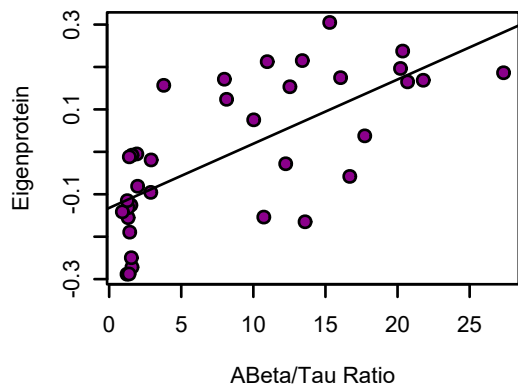
MEdarkmagenta.Plasma (Synthetic)
ANOVA p: 1.3e-05



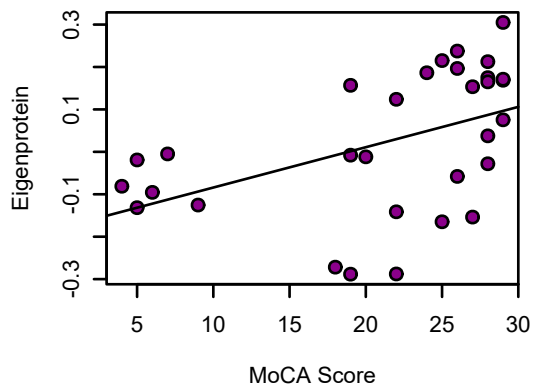
MEdarkmagenta.Plasma (Synthetic)
ANOVA p: 0.00017



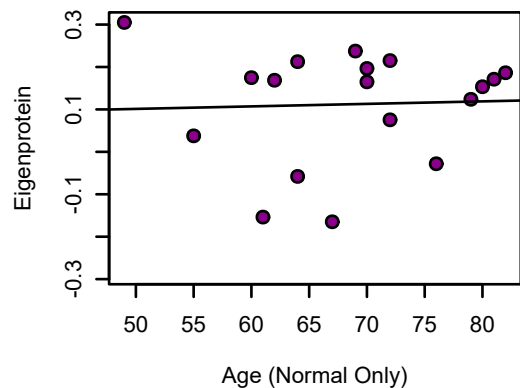
bicor=0.7, p=2.7e-06
cor=0.69, p=4.5e-06



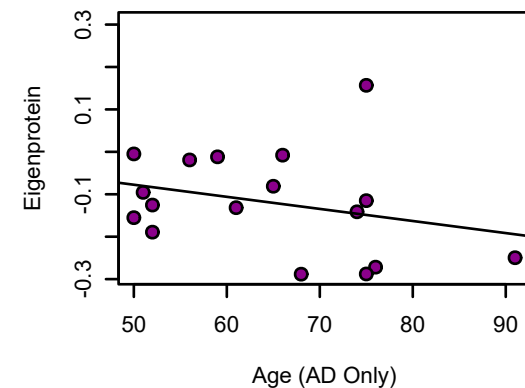
bicor=0.52, p=0.0029
cor=0.47, p=0.0076



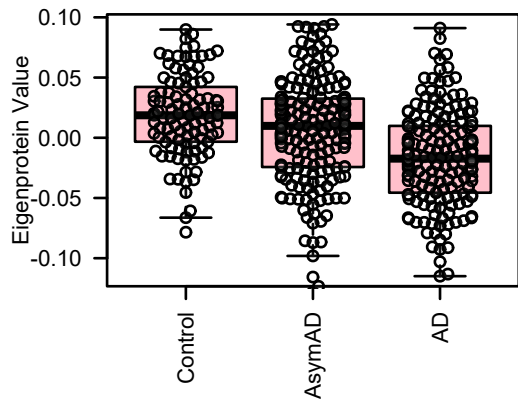
bicor=-0.069, p=0.79
cor=0.041, p=0.87



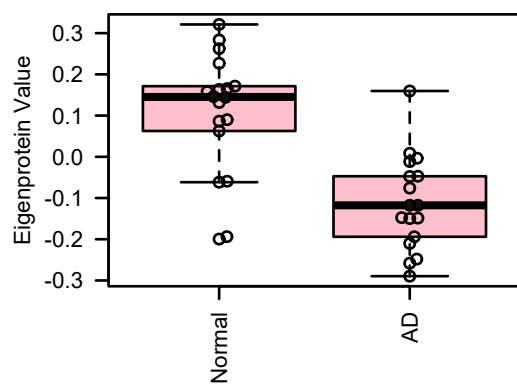
bicor=-0.31, p=0.23
cor=-0.29, p=0.26



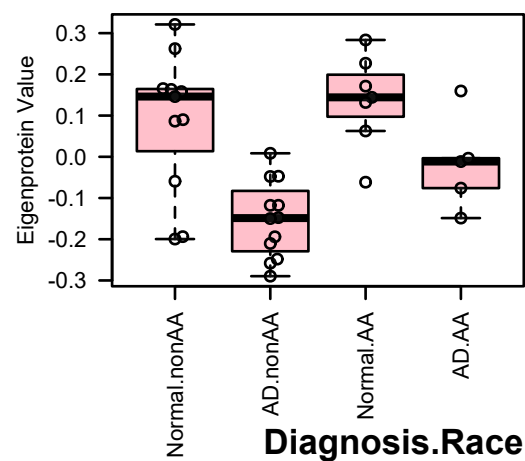
M8 pink.MEGATMT488
Protein Transport



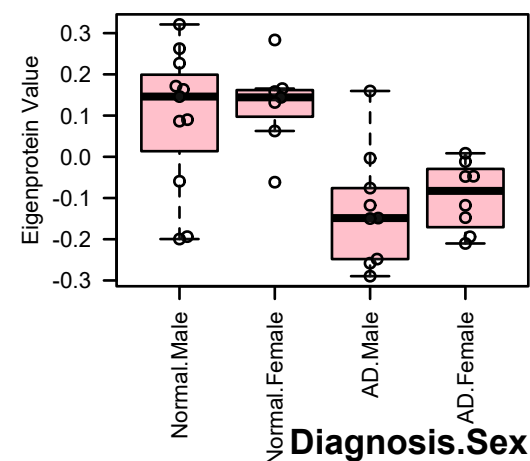
MEpink.Plasma 35 Samp. (Synthetic)
ANOVA p: 3.2e-05



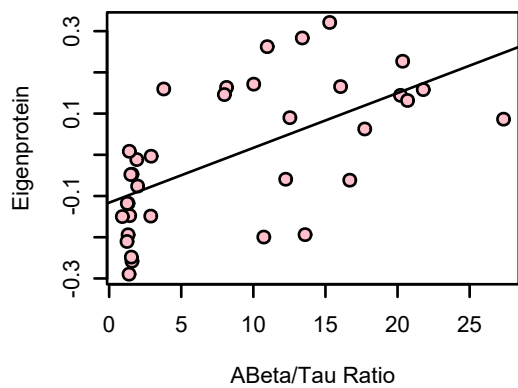
MEpink.Plasma (Synthetic)
ANOVA p: 9.9e-05



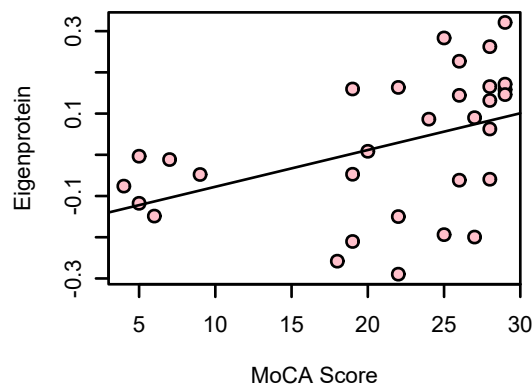
MEpink.Plasma (Synthetic)
ANOVA p: 0.00064



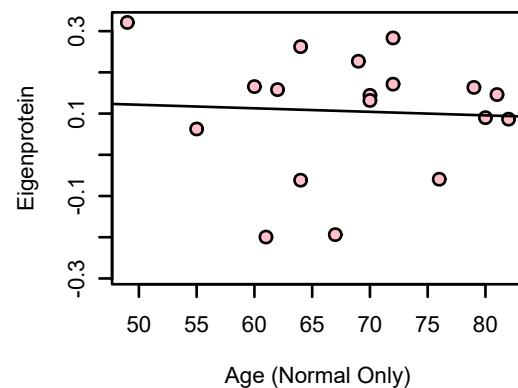
bicor=0.63, p=5.7e-05
cor=0.61, p=1e-04



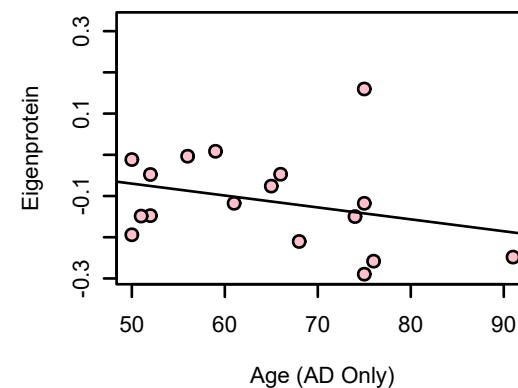
bicor=0.51, p=0.0037
cor=0.44, p=0.013



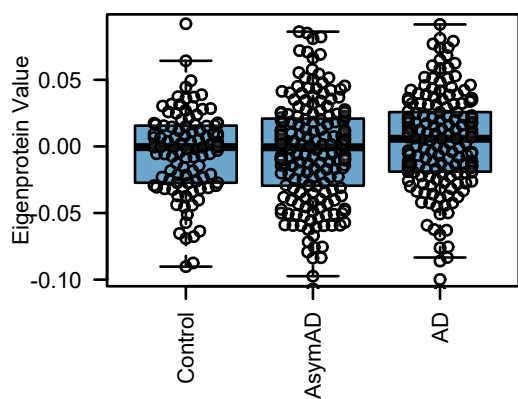
bicor=-0.089, p=0.73
cor=-0.053, p=0.83



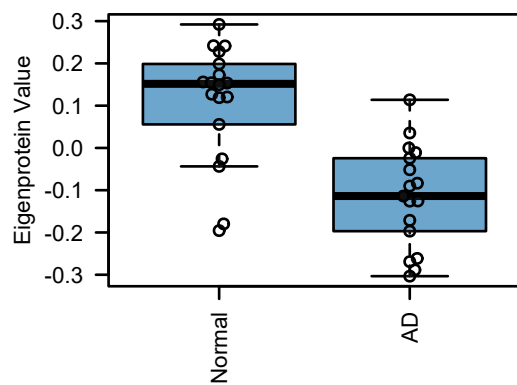
bicor=-0.35, p=0.17
cor=-0.3, p=0.24



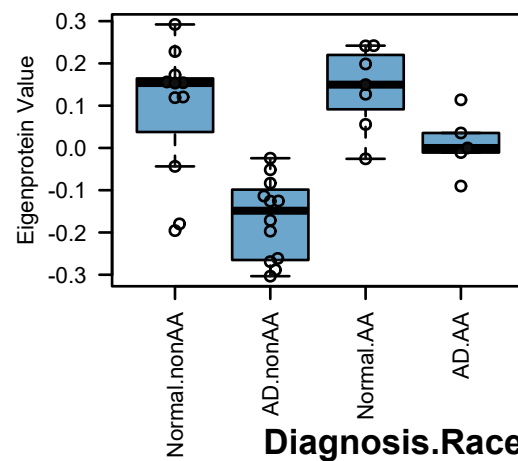
M37 skyblue3.MEGATMT488
Endosome



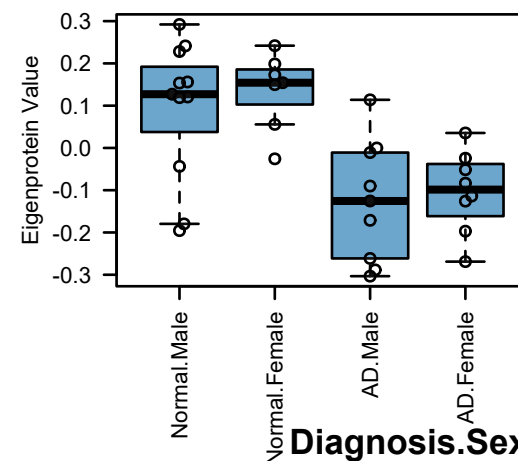
MEskyblue3.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.3e-05



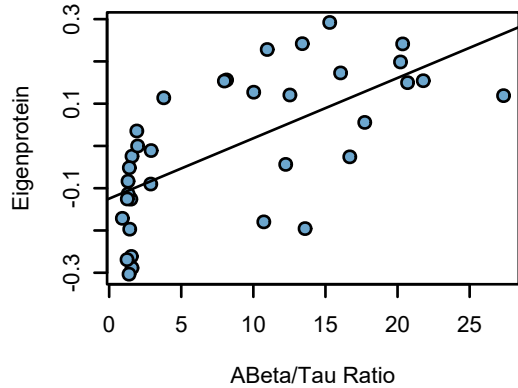
MEskyblue3.Plasma (Synthetic)
ANOVA p: 8.6e-06



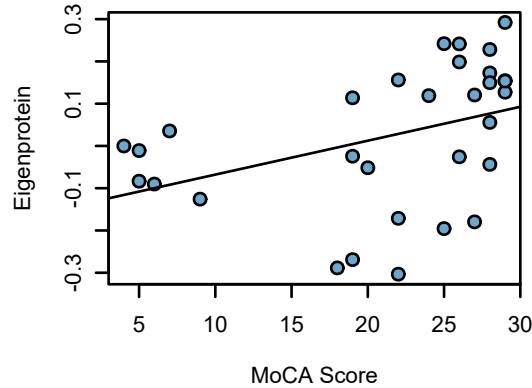
MEskyblue3.Plasma (Synthetic)
ANOVA p: 0.00028



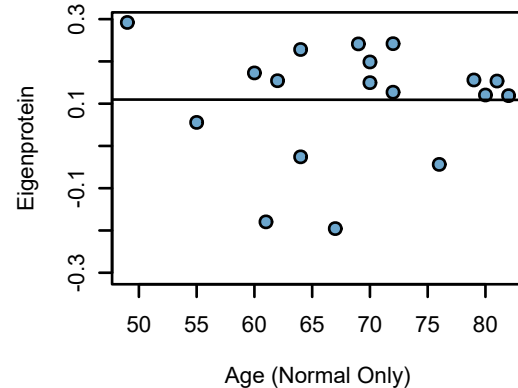
bicor=0.67, p=1.2e-05
cor=0.65, p=2.4e-05



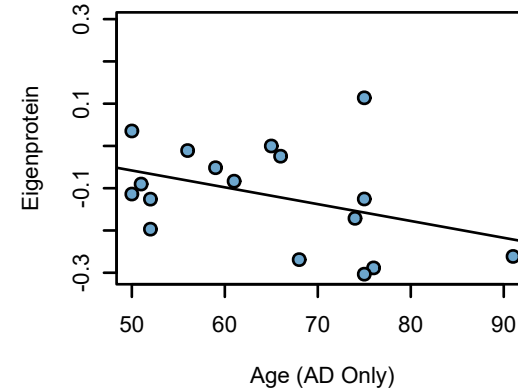
bicor=0.58, p=0.00071
cor=0.4, p=0.026



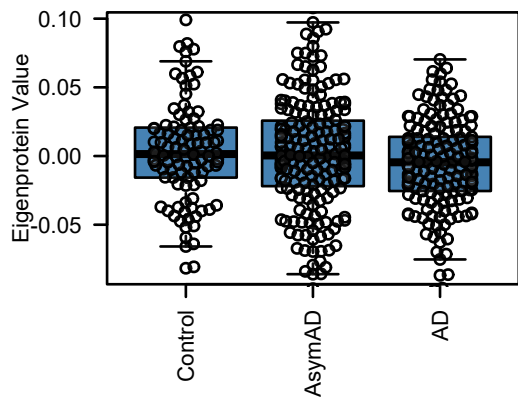
bicor=-0.054, p=0.83
cor=-0.0015, p=1



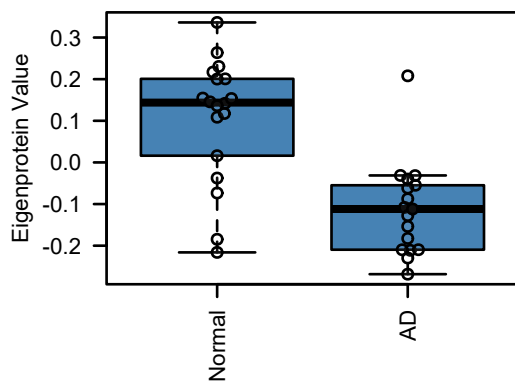
bicor=-0.4, p=0.11
cor=-0.39, p=0.12



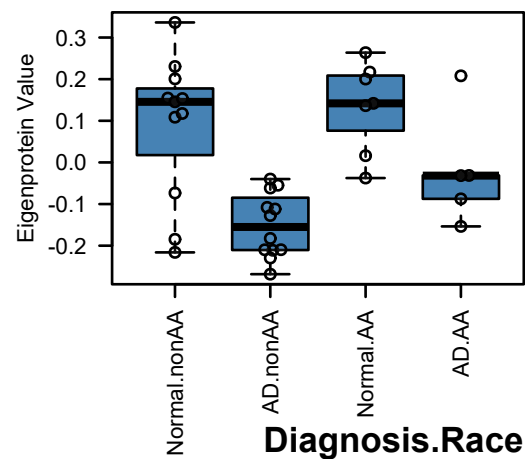
**M30 steelblue.MEGATMT488
Proteasome**



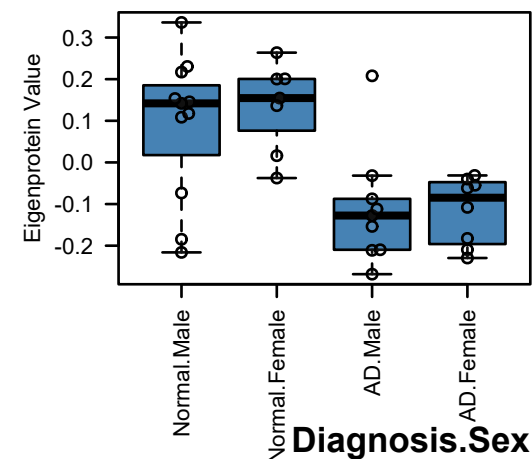
**MEsteelblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.7e-05**



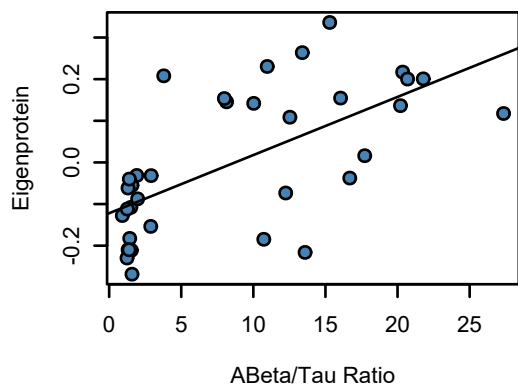
**MEsteelblue.Plasma (Synthetic)
ANOVA p: 1e-04**



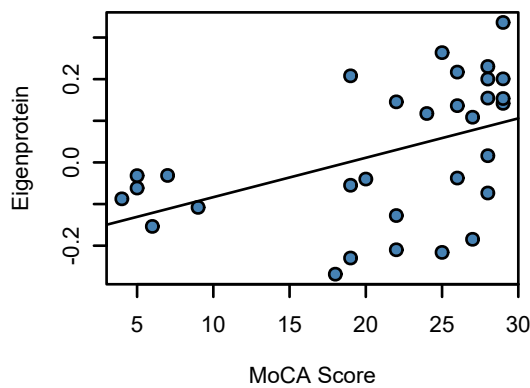
**MEsteelblue.Plasma (Synthetic)
ANOVA p: 0.00056**



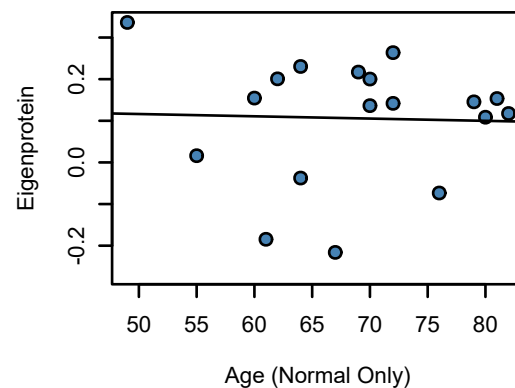
**bicor=0.65, p=2.4e-05
cor=0.64, p=3.5e-05**



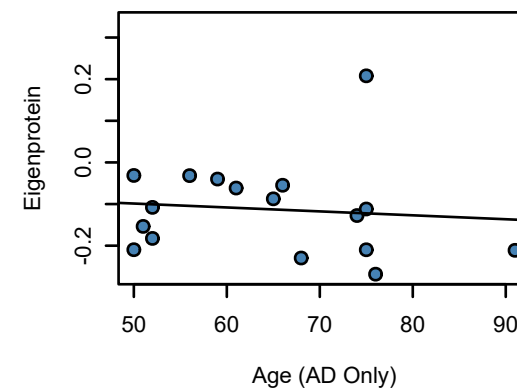
**bicor=0.45, p=0.011
cor=0.47, p=0.0076**



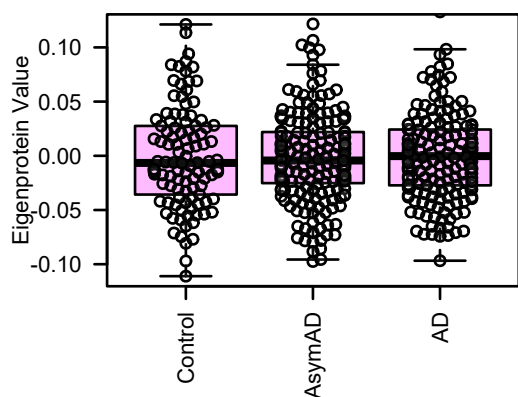
**bicor=-0.061, p=0.81
cor=-0.034, p=0.89**



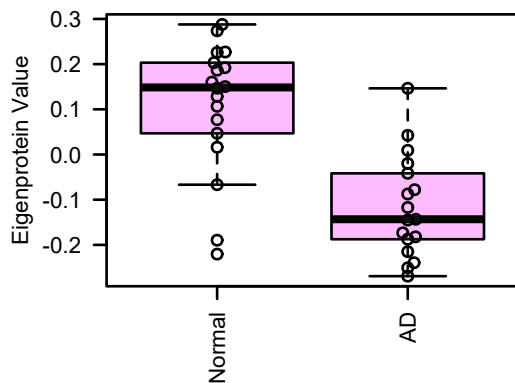
**bicor=-0.18, p=0.49
cor=-0.1, p=0.7**



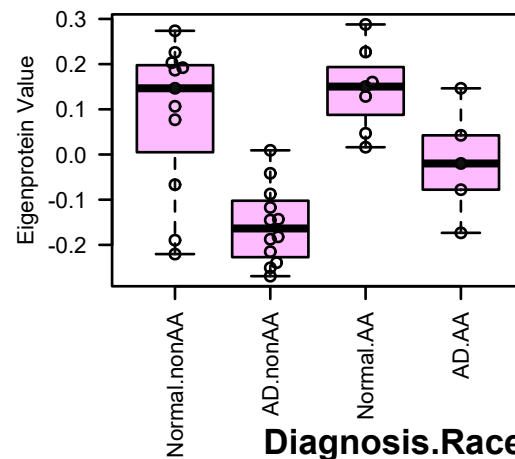
**M38 plum1.MEGATMT488
Heat Shock/Folding**



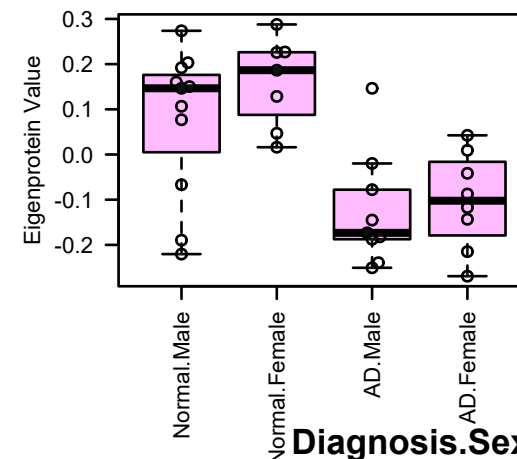
**MEplum1.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.6e-05**



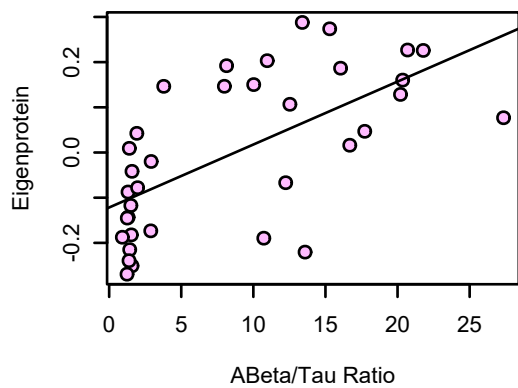
**MEplum1.Plasma (Synthetic)
ANOVA p: 3.9e-05**



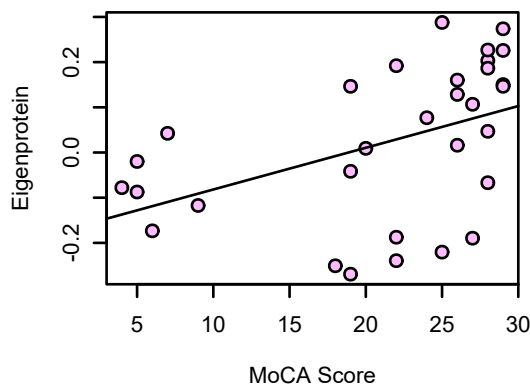
**MEplum1.Plasma (Synthetic)
ANOVA p: 0.00018**



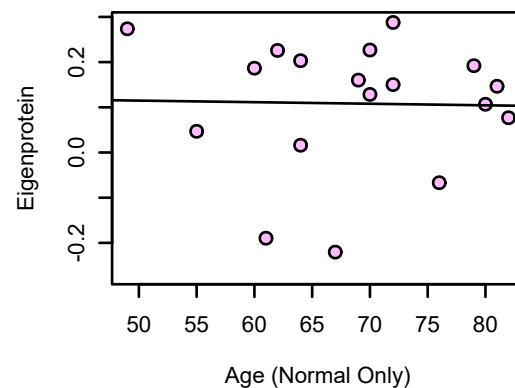
**bicor=0.65, p=2.8e-05
cor=0.64, p=3.5e-05**



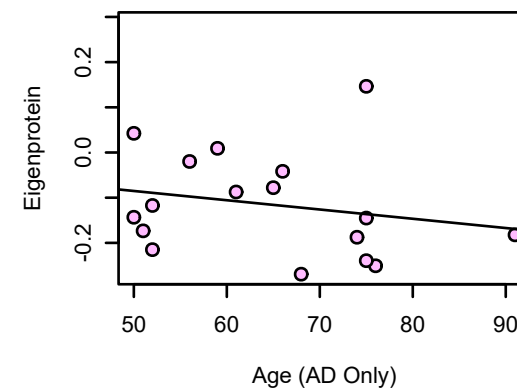
**bicor=0.58, p=0.00064
cor=0.45, p=0.011**



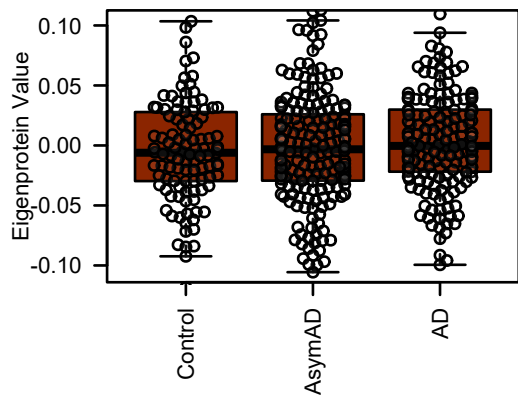
**bicor=-0.055, p=0.83
cor=-0.022, p=0.93**



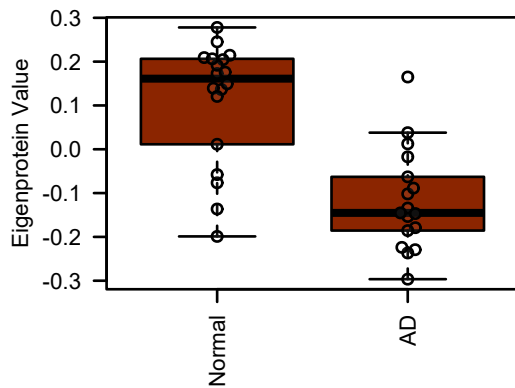
**bicor=-0.29, p=0.26
cor=-0.22, p=0.4**



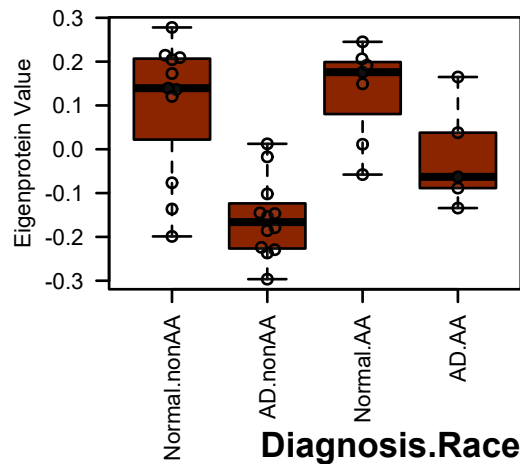
M39 orangered4.MEGATMT488
Translation Initiation



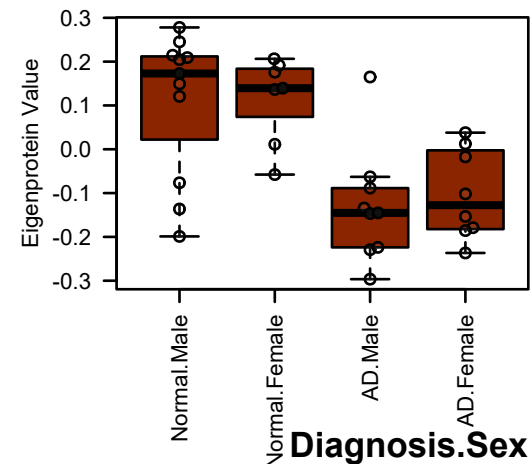
MEorangered4.Plasma 35 Samp. (Synthetic)
ANOVA p: 1e-05



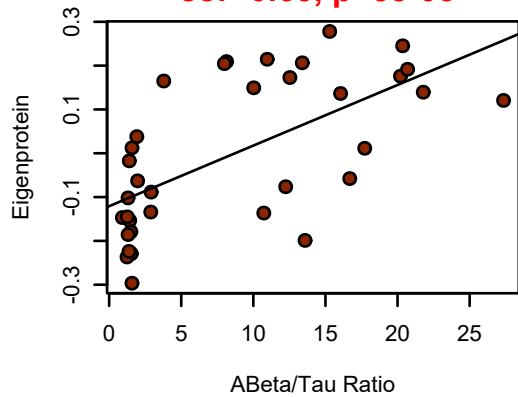
MEorangered4.Plasma (Synthetic)
ANOVA p: 3e-05



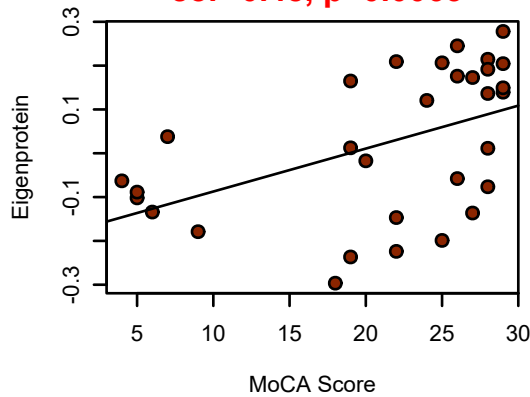
MEorangered4.Plasma (Synthetic)
ANOVA p: 0.00027



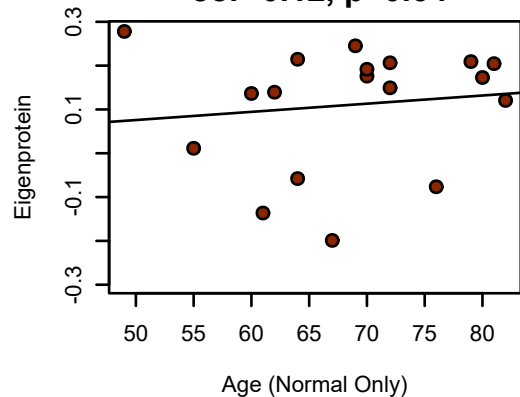
bicor=0.65, p=2.9e-05
cor=0.63, p=5e-05



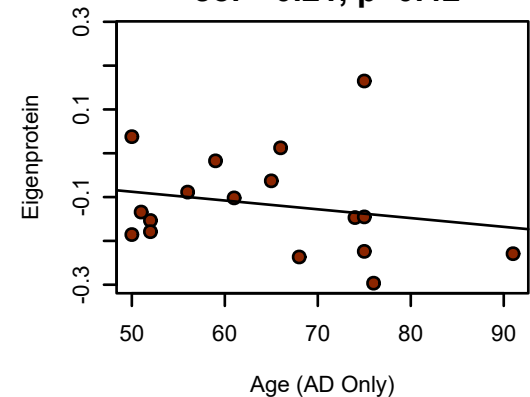
bicor=0.54, p=0.0019
cor=0.48, p=0.0063



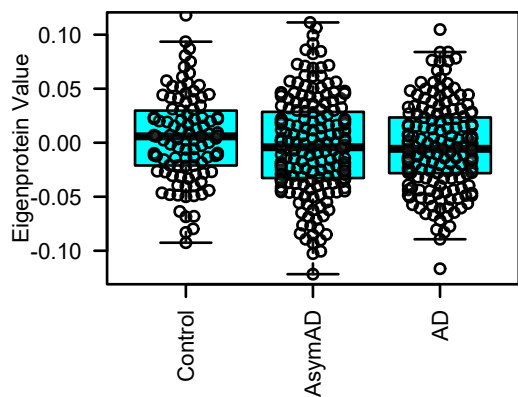
bicor=0.12, p=0.62
cor=0.12, p=0.64



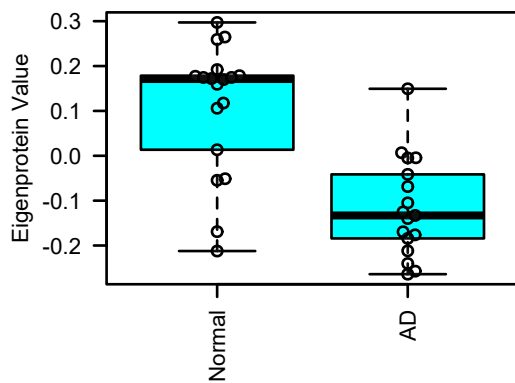
bicor=-0.28, p=0.28
cor=-0.21, p=0.42



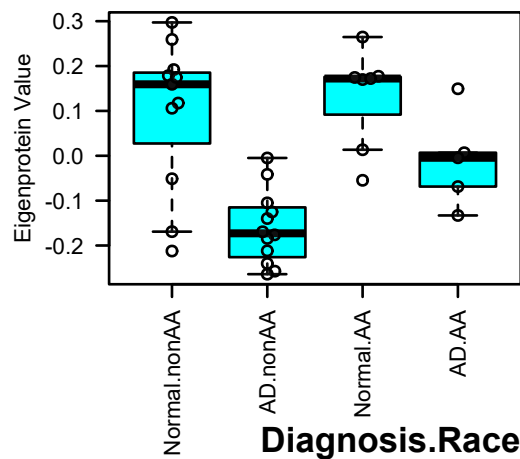
M14 cyan.MEGATMT488
Protein Folding



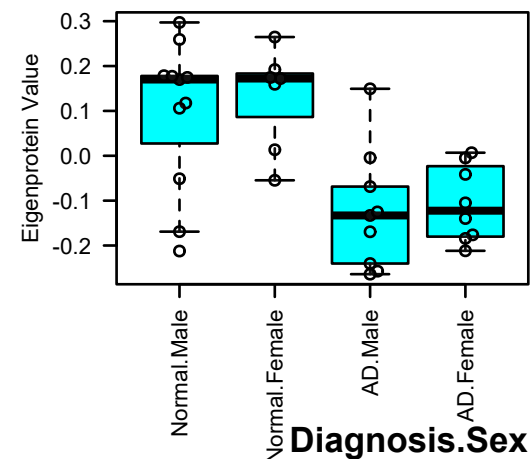
MEcyan.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.3e-05



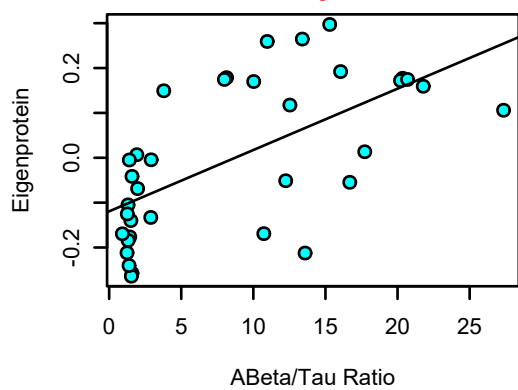
MEcyan.Plasma (Synthetic)
ANOVA p: 3e-05



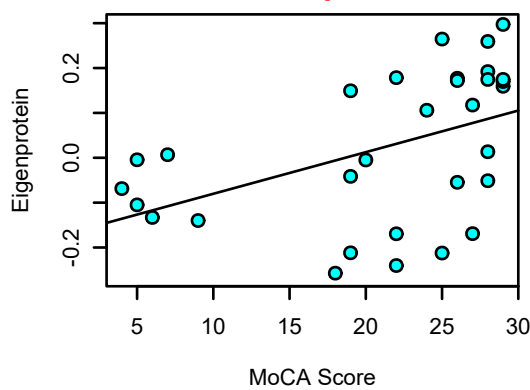
MEcyan.Plasma (Synthetic)
ANOVA p: 3e-04



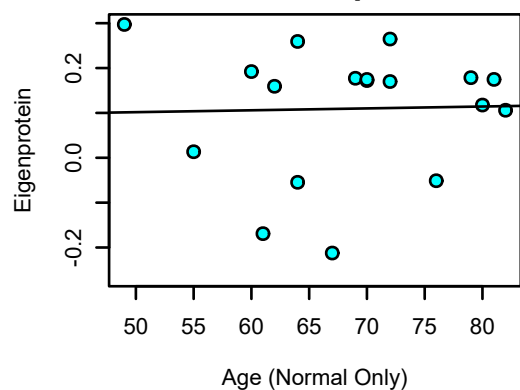
bicor=0.64, p=3.6e-05
cor=0.62, p=7.1e-05



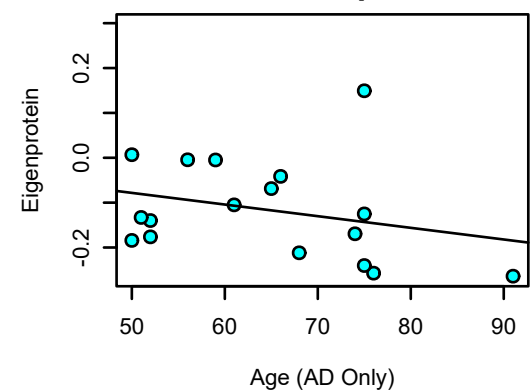
bicor=0.53, p=0.002
cor=0.46, p=0.0092



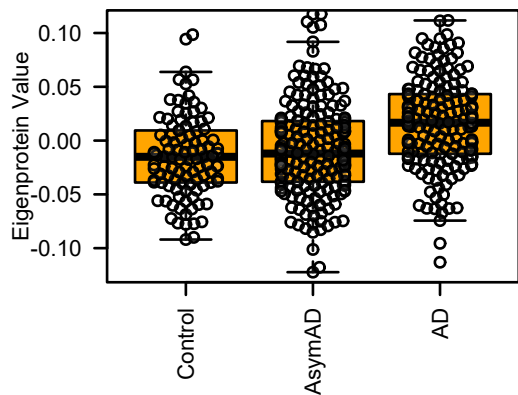
bicor=-0.046, p=0.86
cor=0.027, p=0.92



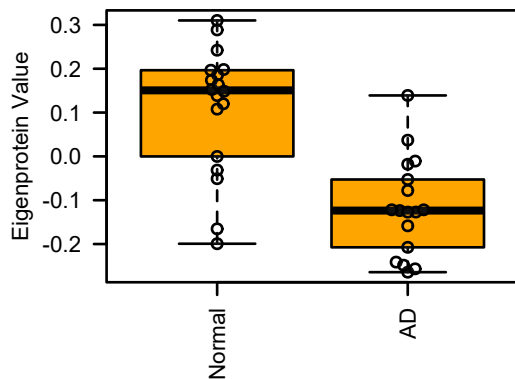
bicor=-0.33, p=0.19
cor=-0.28, p=0.28



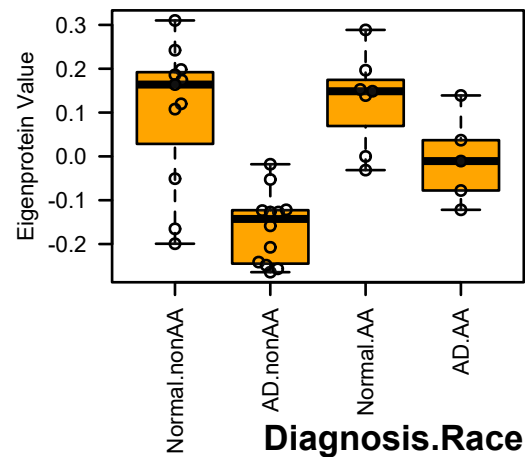
M25 orange.MEGATMT488
Sugar Metabolism



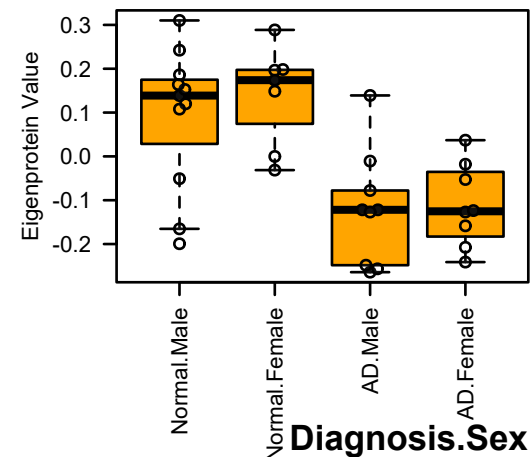
MEorange.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.1e-05



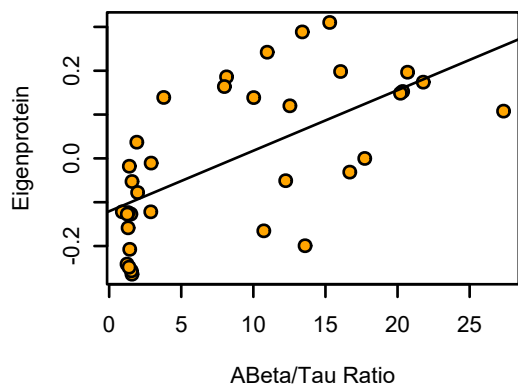
MEorange.Plasma (Synthetic)
ANOVA p: 2.2e-05



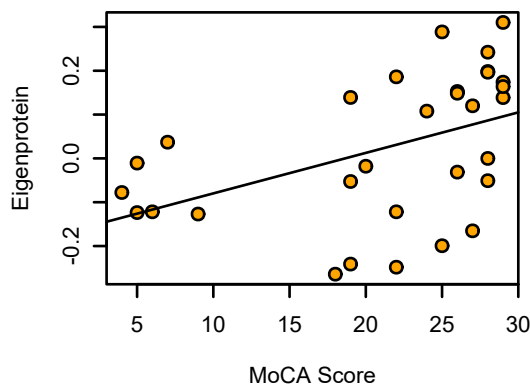
MEorange.Plasma (Synthetic)
ANOVA p: 0.00023



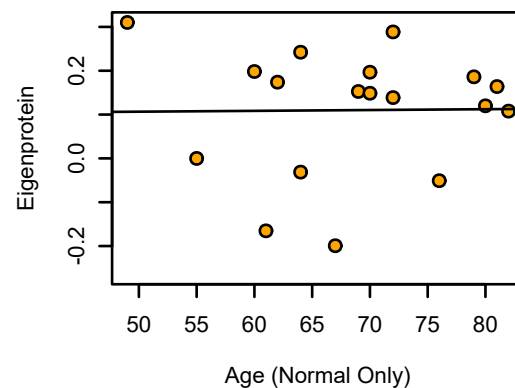
bicor=0.65, p=2.5e-05
cor=0.63, p=5e-05



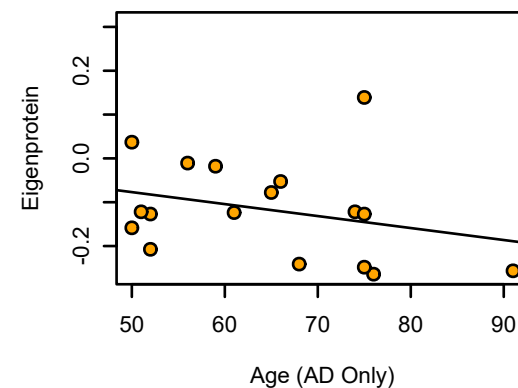
bicor=0.52, p=0.0028
cor=0.46, p=0.0092



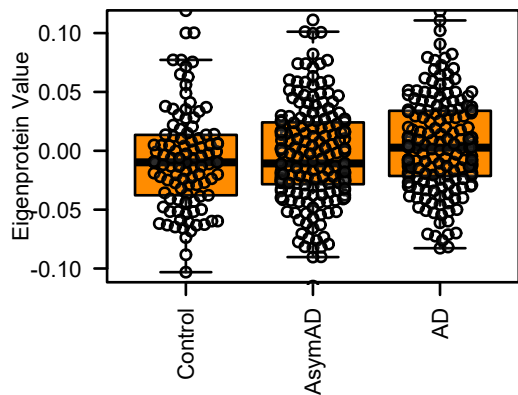
bicor=-0.1, p=0.68
cor=0.012, p=0.96



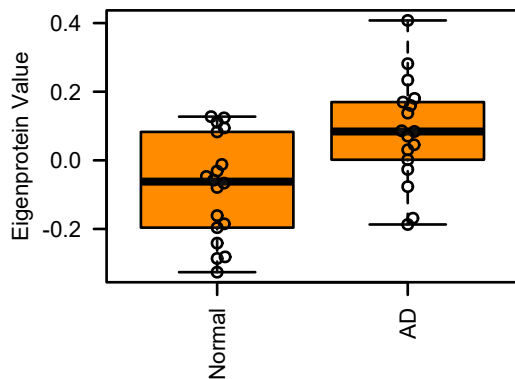
bicor=-0.32, p=0.21
cor=-0.29, p=0.26



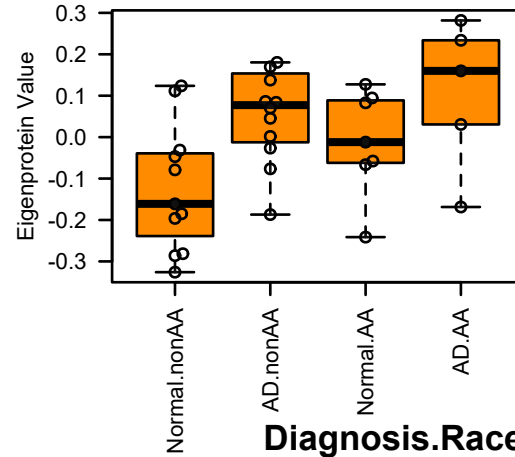
M26 darkorange.MEGATMT488
Complement/Acute Phase



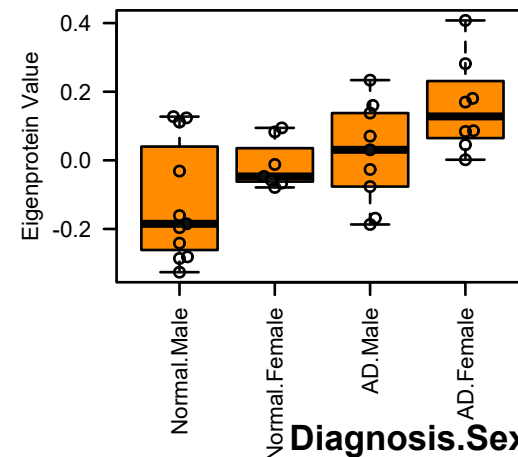
MEdarkorange.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0032



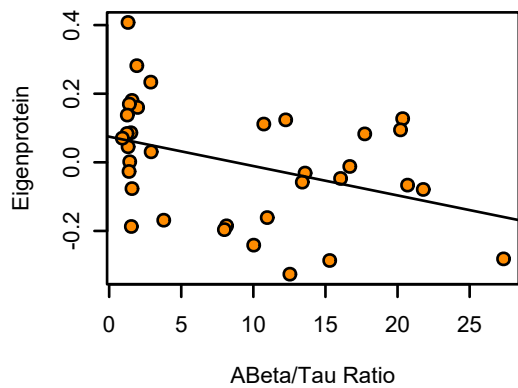
MEdarkorange.Plasma (Synthetic)
ANOVA p: 0.012



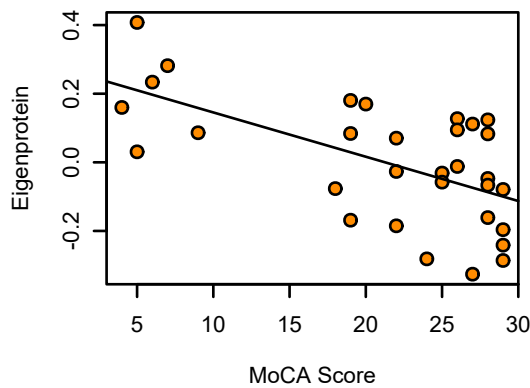
MEdarkorange.Plasma (Synthetic)
ANOVA p: 0.0024



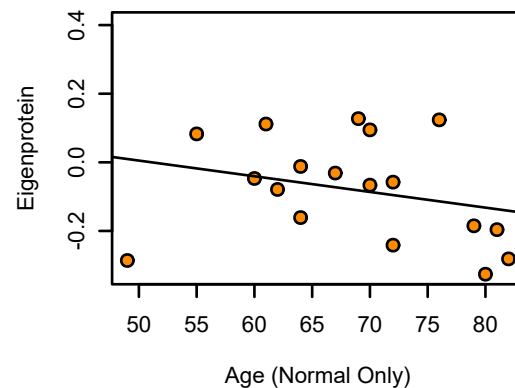
bicor=-0.38, p=0.023
cor=-0.39, p=0.021



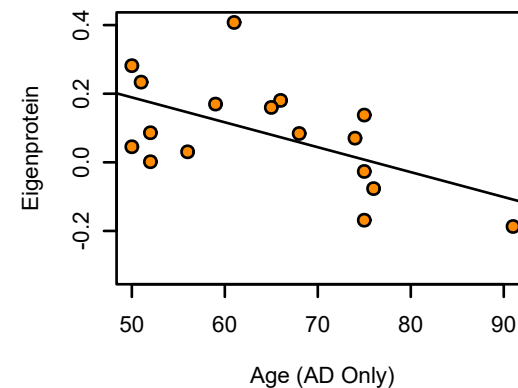
bicor=-0.47, p=0.0074
cor=-0.61, p=0.00027



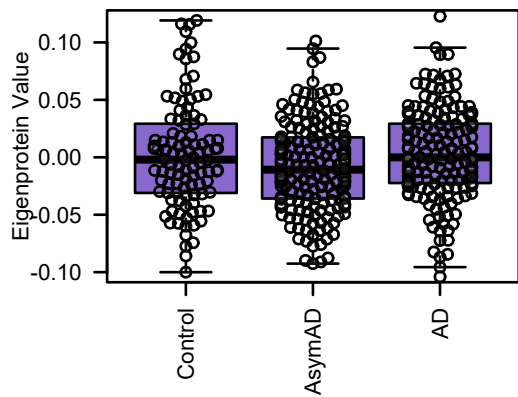
bicor=-0.3, p=0.23
cor=-0.28, p=0.26



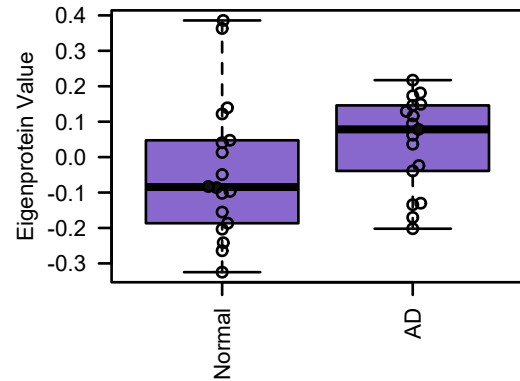
bicor=-0.55, p=0.021
cor=-0.57, p=0.017



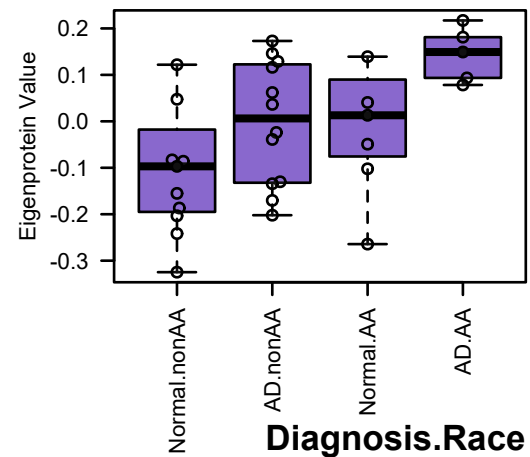
M40 mediumpurple3.MEGATMT488
Ambiguous



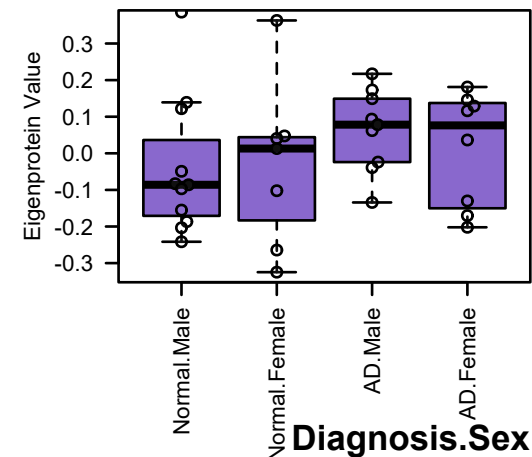
MEmediumpurple3.Plasma 35 Samp. (Synthet
ANOVA p: 0.18



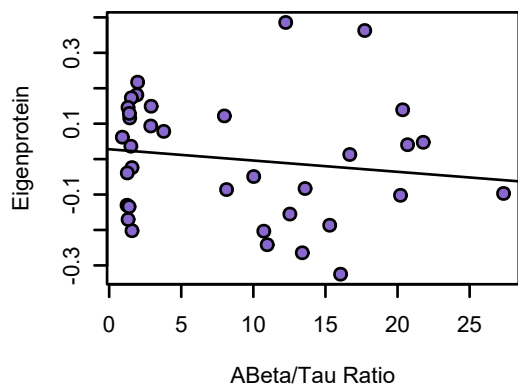
MEmediumpurple3.Plasma (Synthetic)
ANOVA p: 0.12



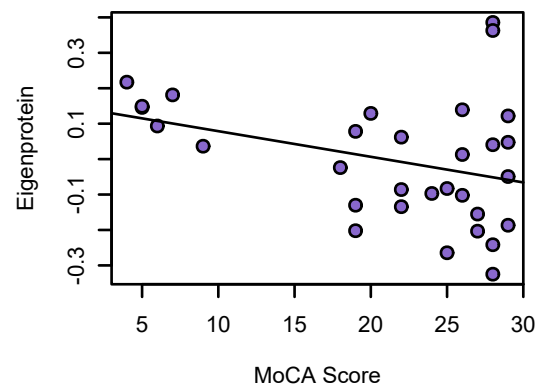
MEmediumpurple3.Plasma (Synthetic)
ANOVA p: 0.55



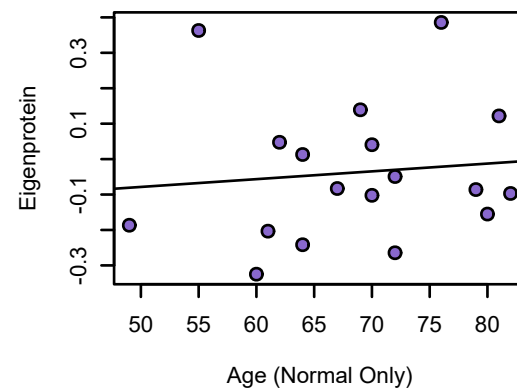
bicor=-0.17, p=0.32
cor=-0.15, p=0.39



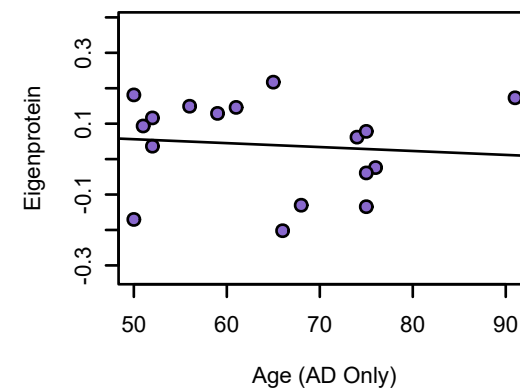
bicor=-0.12, p=0.53
cor=-0.34, p=0.061



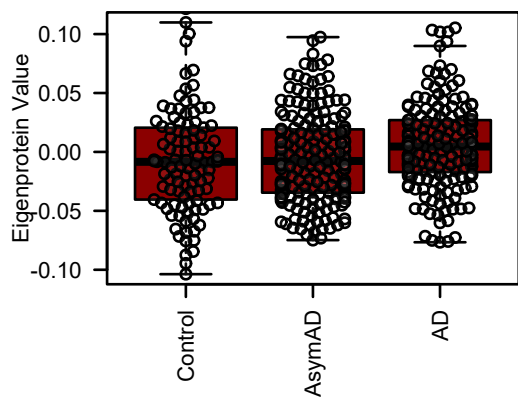
bicor=0.12, p=0.64
cor=0.1, p=0.69



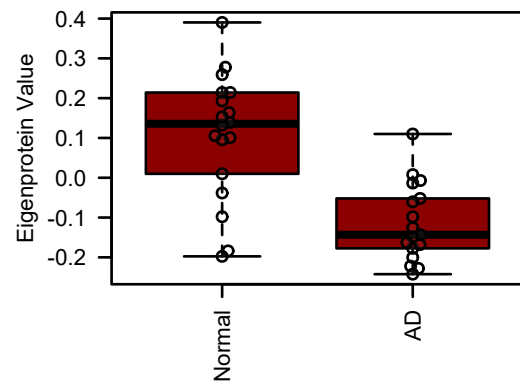
bicor=-0.12, p=0.63
cor=-0.1, p=0.7



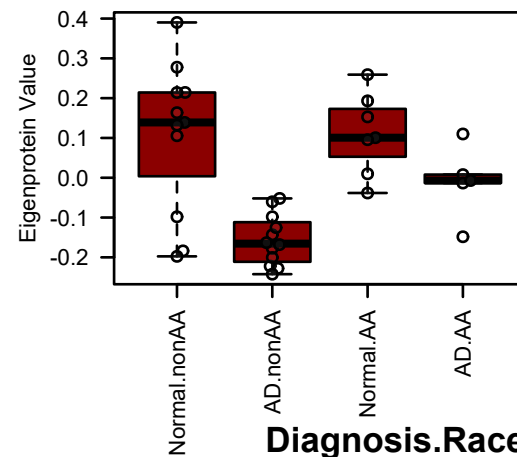
M21 darkred.MEGATMT488
MHC Complex/Immune



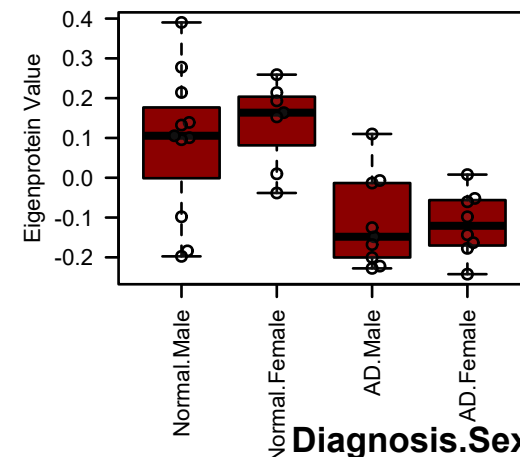
MEdarkred.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.1e-05



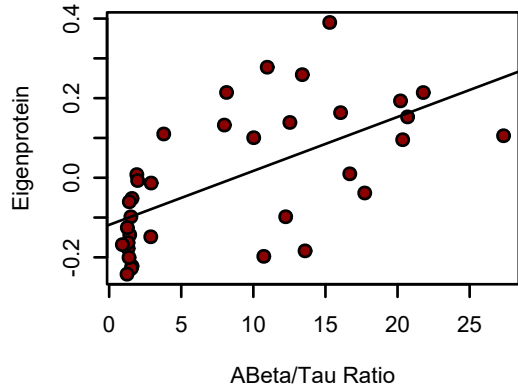
MEdarkred.Plasma (Synthetic)
ANOVA p: 6.7e-05



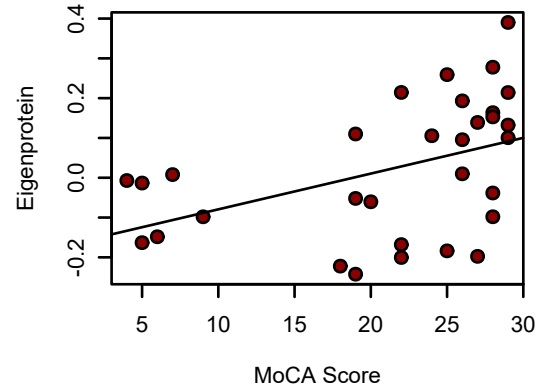
MEdarkred.Plasma (Synthetic)
ANOVA p: 0.00043



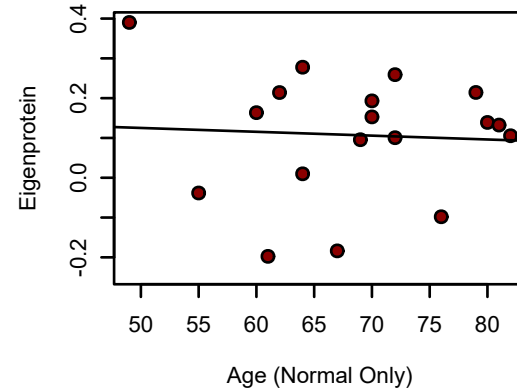
bicor=0.64, p=3.4e-05
cor=0.62, p=7.1e-05



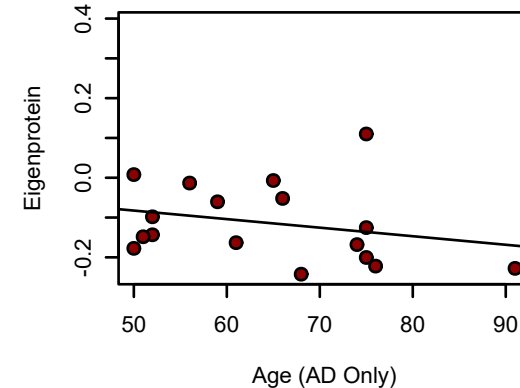
bicor=0.52, p=0.0027
cor=0.44, p=0.013



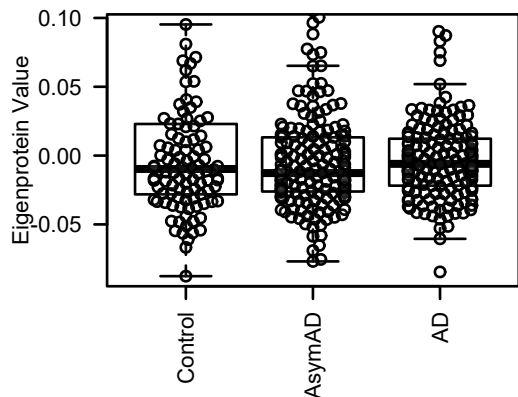
bicor=-0.027, p=0.91
cor=-0.057, p=0.82



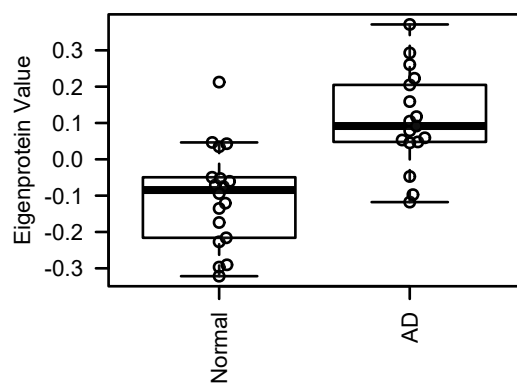
bicor=-0.31, p=0.23
cor=-0.26, p=0.31



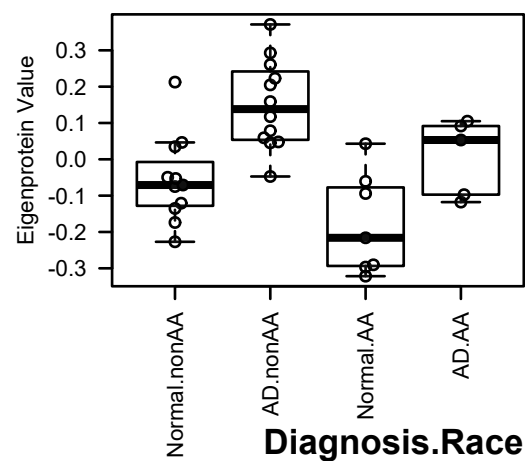
M27 white.MEGATMT488
Extracellular Matrix



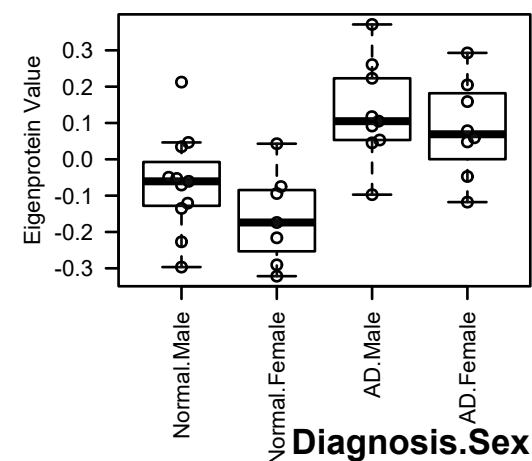
MEwhite.Plasma 35 Samp. (Synthetic)
ANOVA p: 6e-05



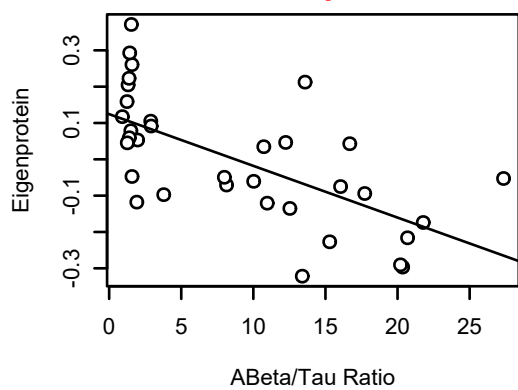
MEwhite.Plasma (Synthetic)
ANOVA p: 3.1e-05



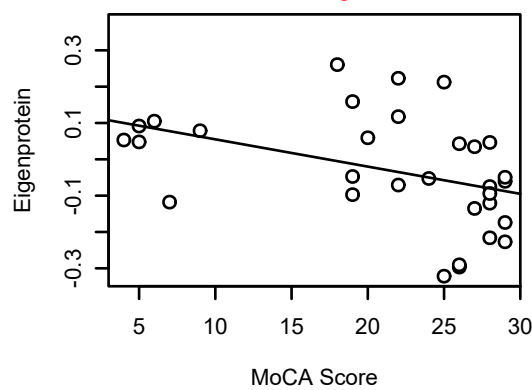
MEwhite.Plasma (Synthetic)
ANOVA p: 0.00041



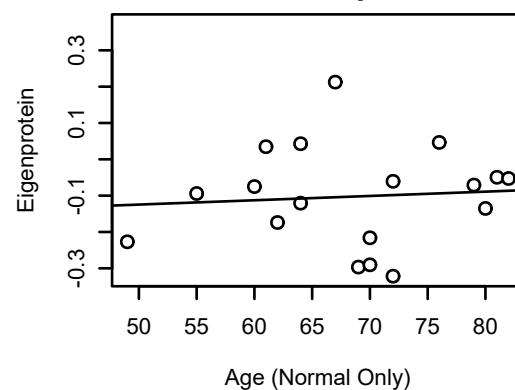
bicor=-0.66, p=1.4e-05
cor=-0.65, p=2.4e-05



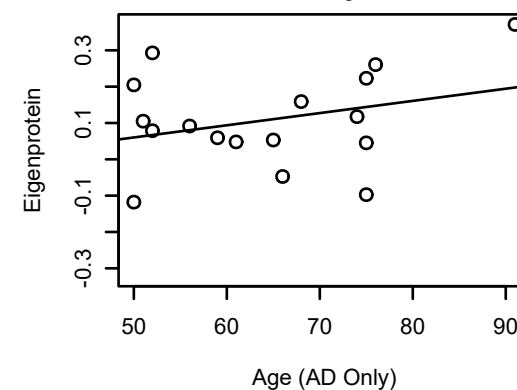
bicor=-0.54, p=0.0019
cor=-0.41, p=0.022



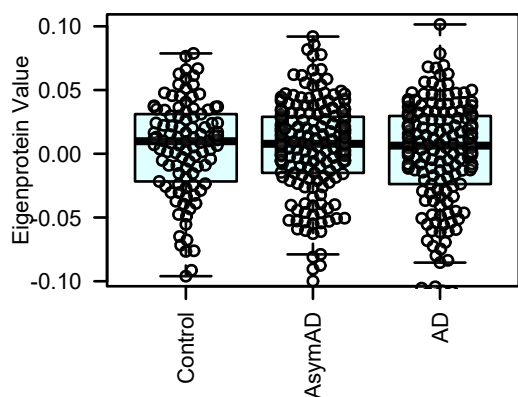
bicor=0.087, p=0.73
cor=0.079, p=0.76



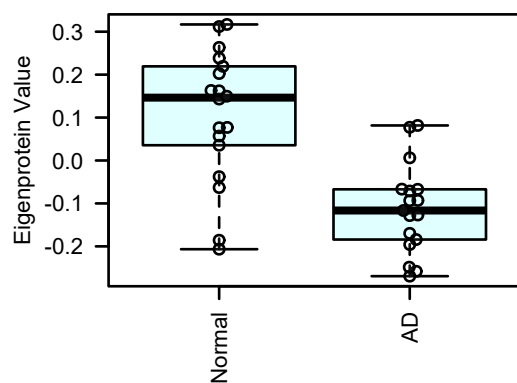
bicor=0.21, p=0.41
cor=0.3, p=0.24



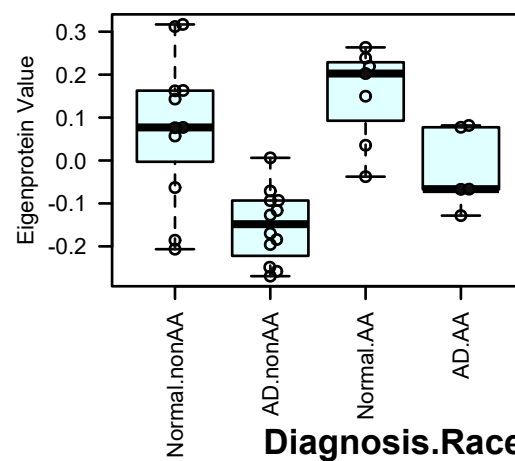
M16 lightcyan.MEGATMT488
RNA Binding



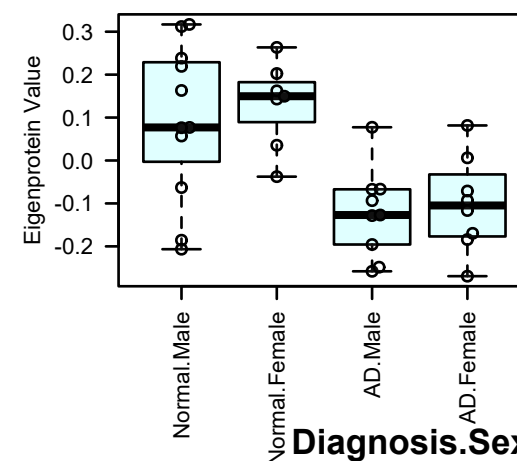
MElightcyan.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.3e-05



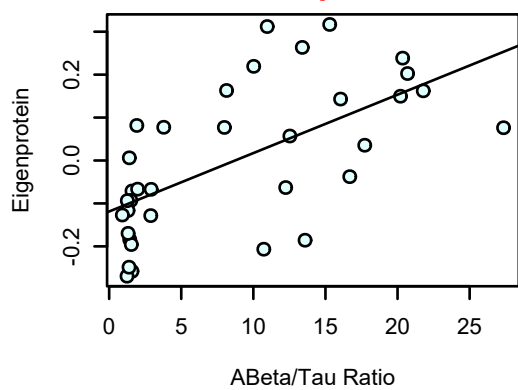
MElightcyan.Plasma (Synthetic)
ANOVA p: 5.6e-05



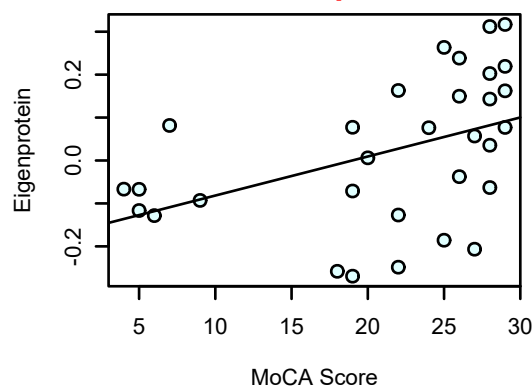
MElightcyan.Plasma (Synthetic)
ANOVA p: 0.00048



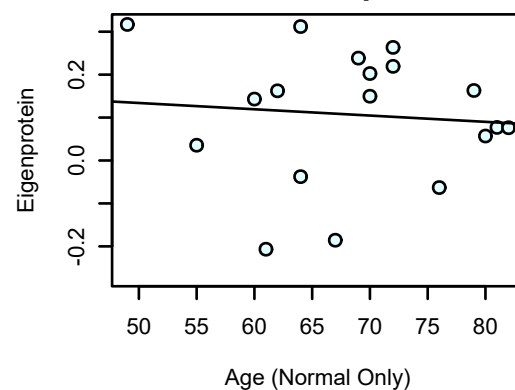
bicor=0.64, p=3.3e-05
cor=0.62, p=7.1e-05



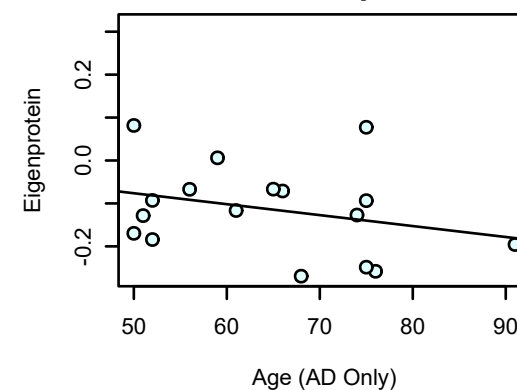
bicor=0.57, p=0.00075
cor=0.44, p=0.013



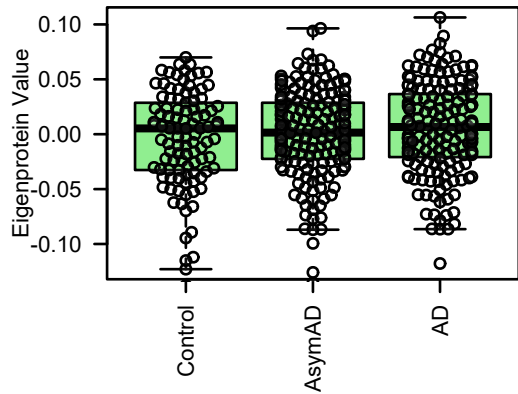
bicor=-0.092, p=0.72
cor=-0.088, p=0.73



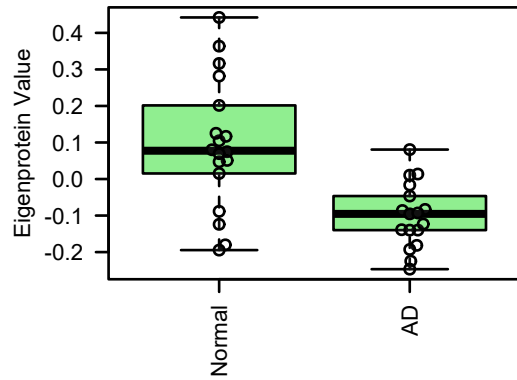
bicor=-0.3, p=0.24
cor=-0.29, p=0.26



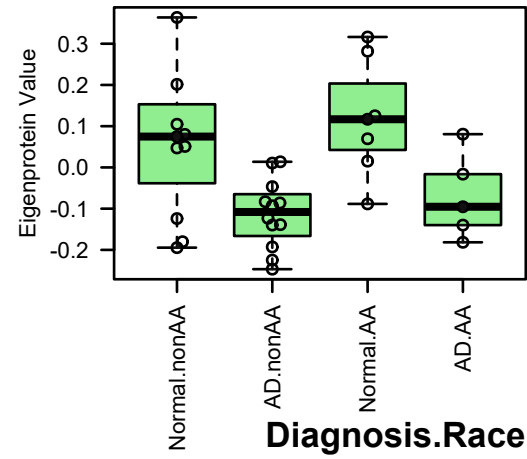
M18 lightgreen.MEGATMT488
RNA Splicing



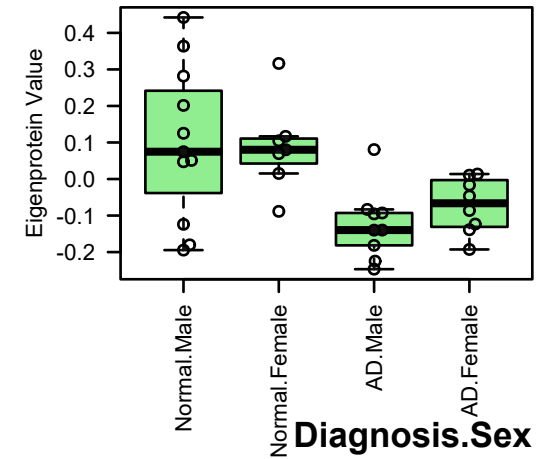
MElightgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00029



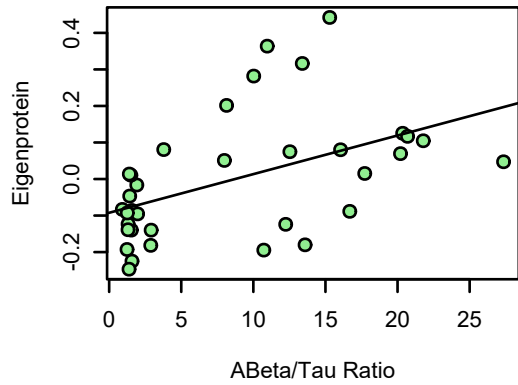
MElightgreen.Plasma (Synthetic)
ANOVA p: 0.004



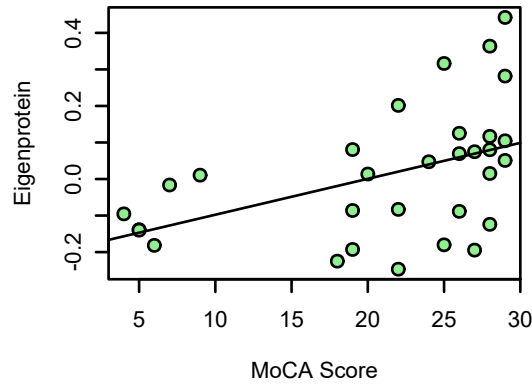
MElightgreen.Plasma (Synthetic)
ANOVA p: 0.0041



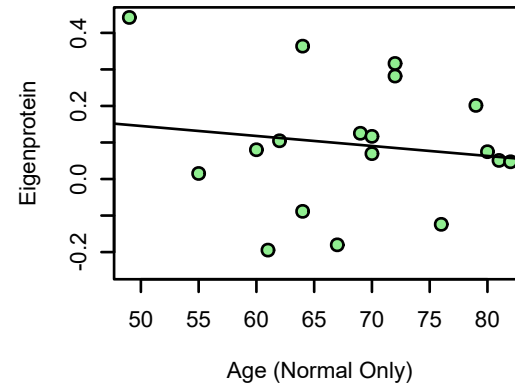
bicor=0.53, p=0.001
cor=0.48, p=0.0035



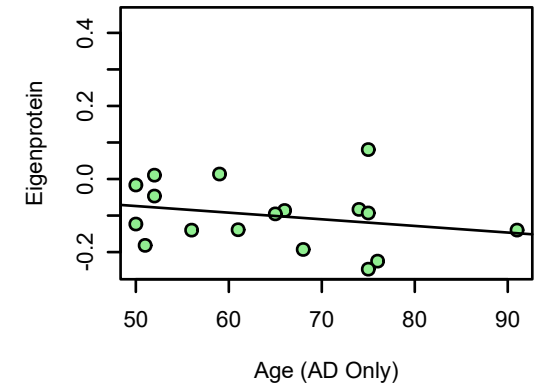
bicor=0.51, p=0.0038
cor=0.46, p=0.0092



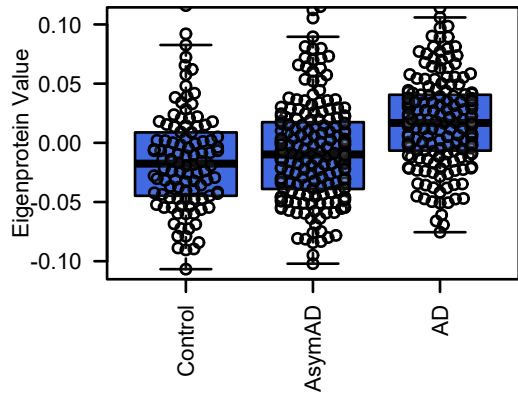
bicor=-0.058, p=0.82
cor=-0.14, p=0.58



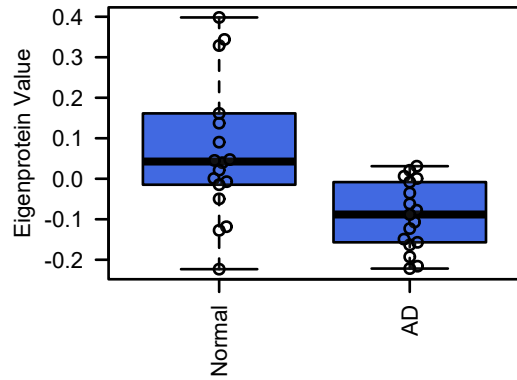
bicor=-0.27, p=0.3
cor=-0.25, p=0.33



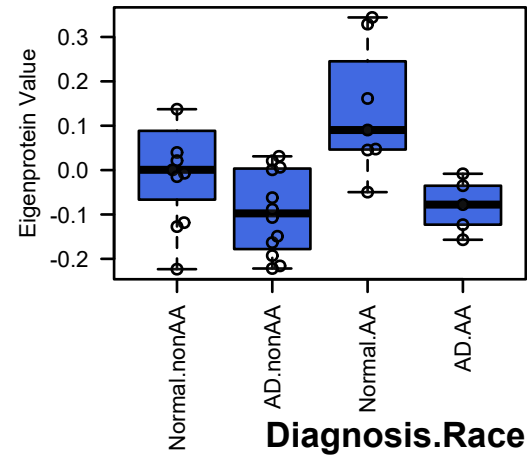
M20 royalblue.MEGATMT488
RNA Splicing



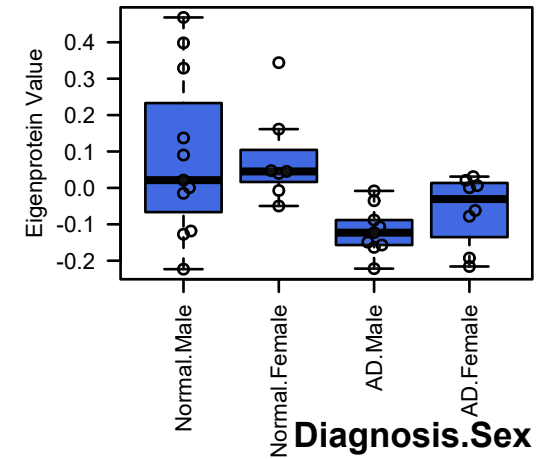
MEroyalblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0013



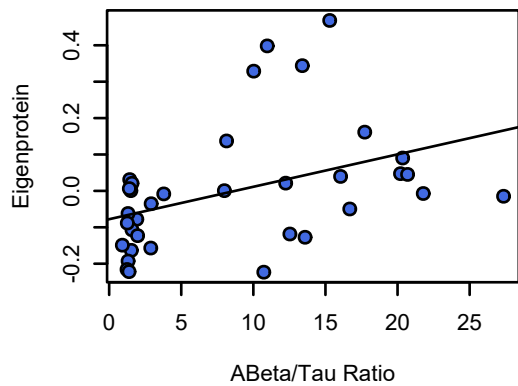
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.0096



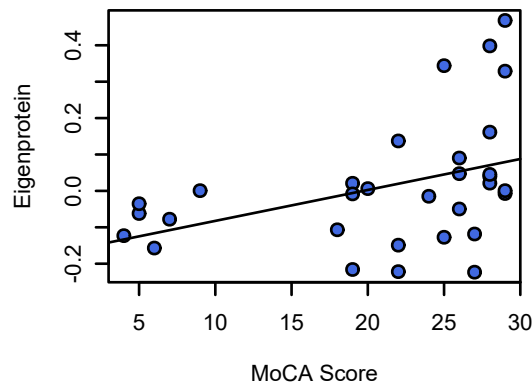
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.014



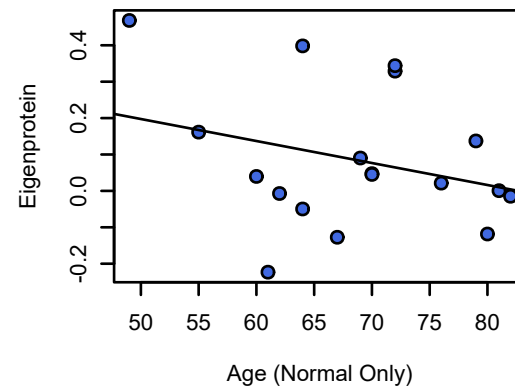
bicor=0.46, p=0.0054
cor=0.41, p=0.014



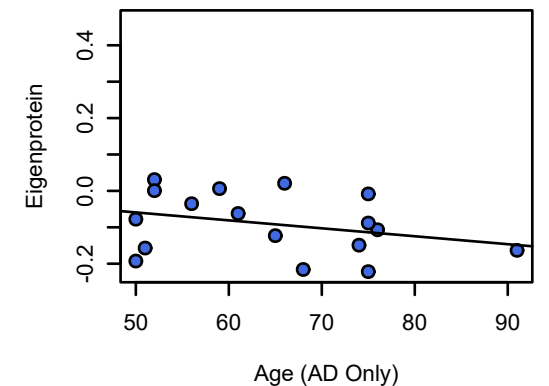
bicor=0.45, p=0.011
cor=0.4, p=0.026



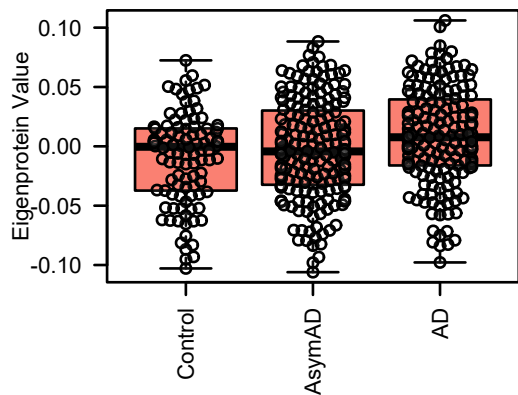
bicor=-0.22, p=0.39
cor=-0.29, p=0.24



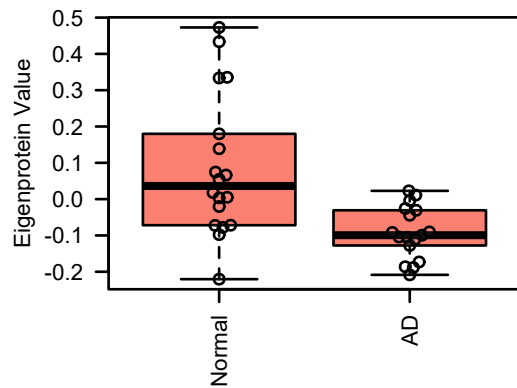
bicor=-0.31, p=0.22
cor=-0.31, p=0.23



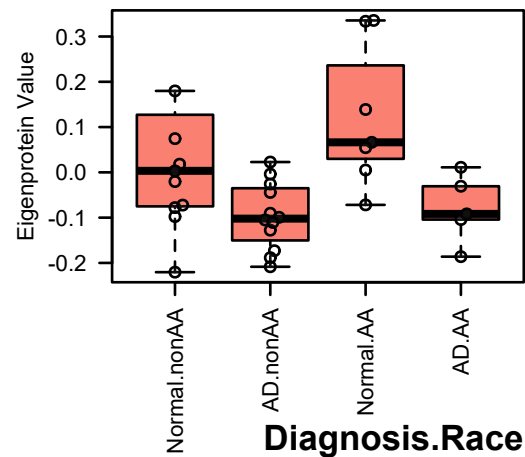
**M13 salmon.MEGATMT488
RNA Splicing**



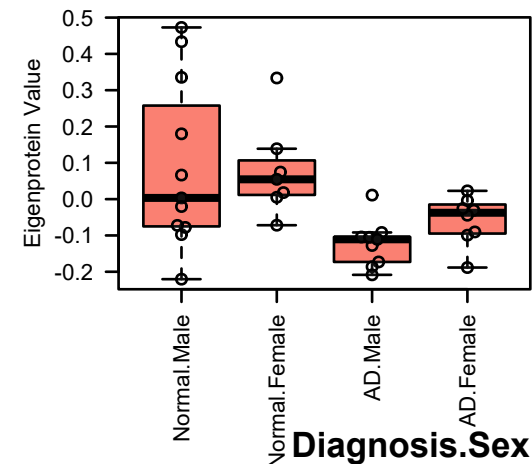
**MEsalmon.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0012**



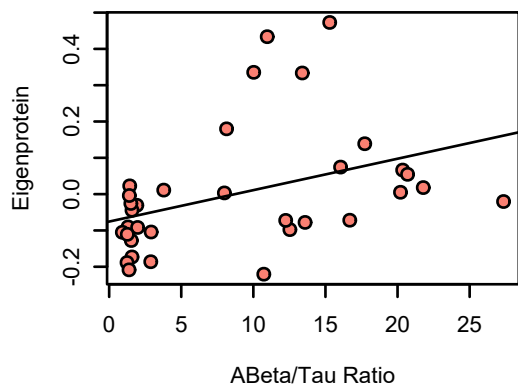
**MEsalmon.Plasma (Synthetic)
ANOVA p: 0.012**



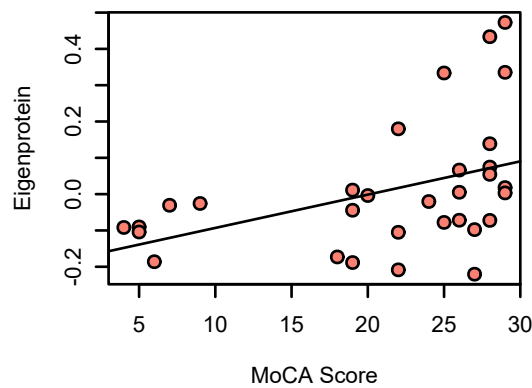
**MEsalmon.Plasma (Synthetic)
ANOVA p: 0.012**



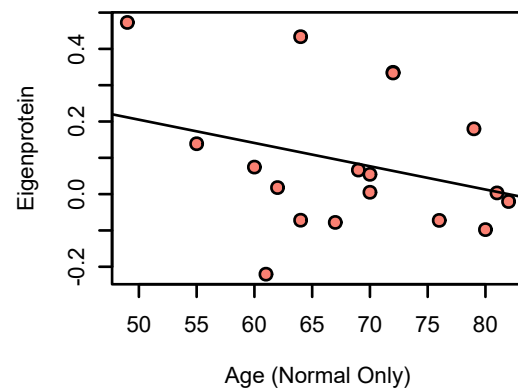
**bicor=0.5, p=0.0022
cor=0.4, p=0.017**



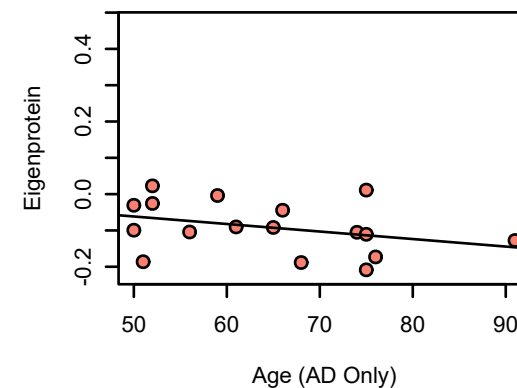
**bicor=0.45, p=0.011
cor=0.43, p=0.016**



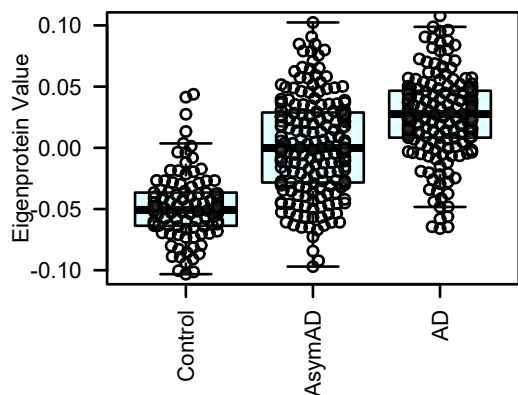
**bicor=-0.25, p=0.33
cor=-0.3, p=0.23**



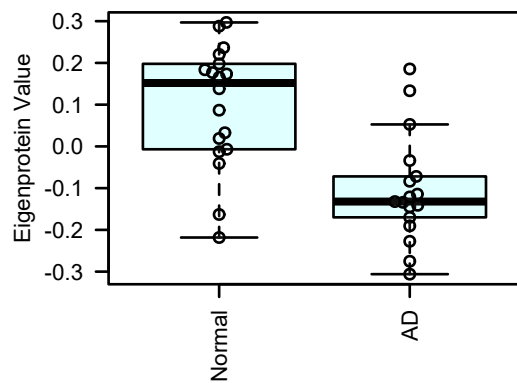
**bicor=-0.36, p=0.16
cor=-0.35, p=0.17**



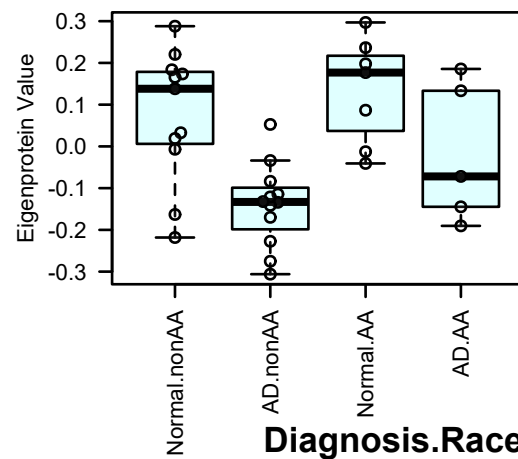
**M42 lightcyan1.MEGATMT488
Matrisome**



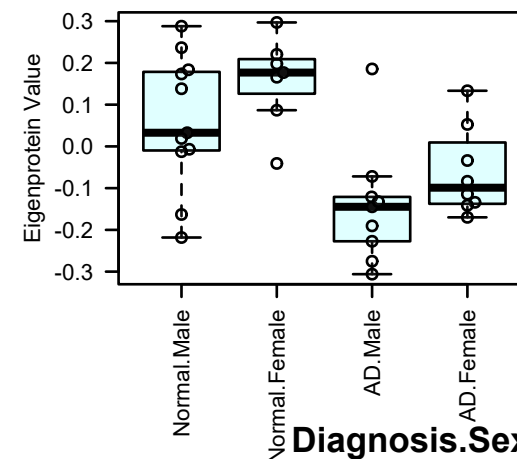
**MElightcyan1.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00014**



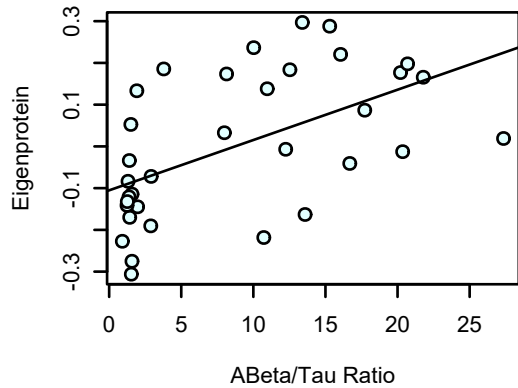
**MElightcyan1.Plasma (Synthetic)
ANOVA p: 0.00054**



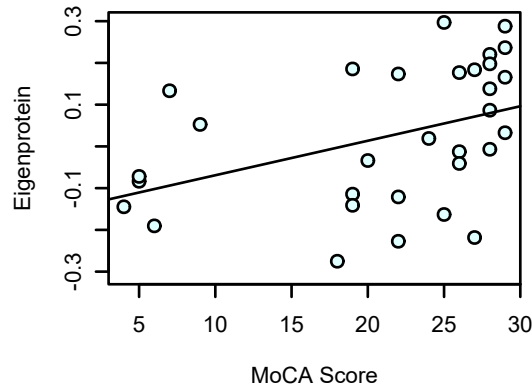
**MElightcyan1.Plasma (Synthetic)
ANOVA p: 0.00054**



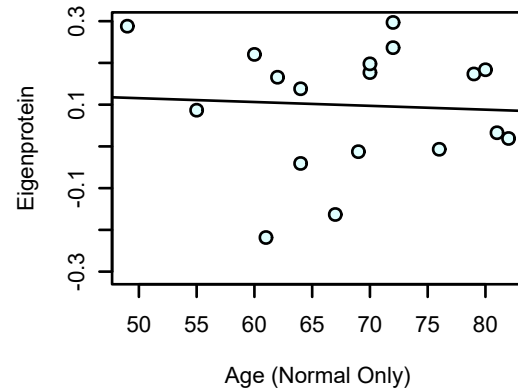
**bicor=0.57, p=0.00032
cor=0.55, p=0.00062**



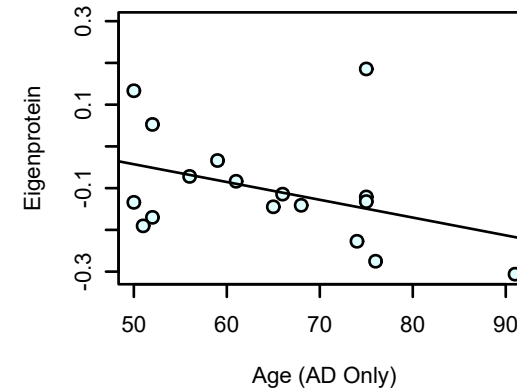
**bicor=0.47, p=0.0075
cor=0.42, p=0.019**



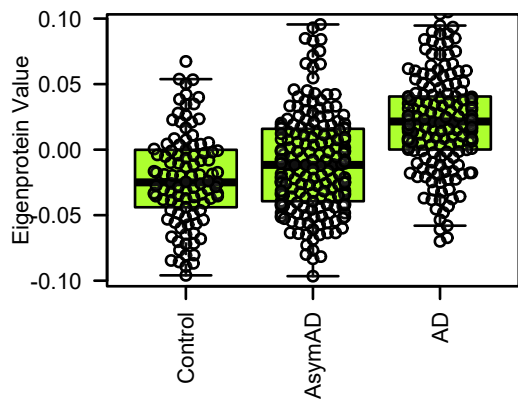
**bicor=-0.039, p=0.88
cor=-0.057, p=0.82**



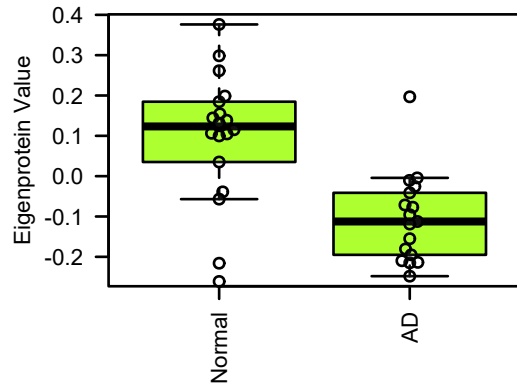
**bicor=-0.5, p=0.043
cor=-0.39, p=0.12**



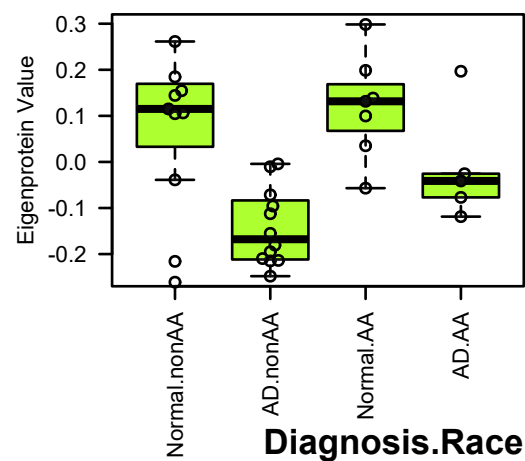
M11 greenyellow.MEGATMT488
Cell-ECM Interaction



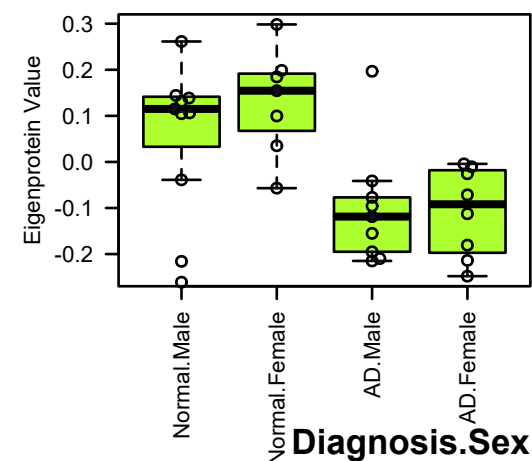
MEgreenyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00014



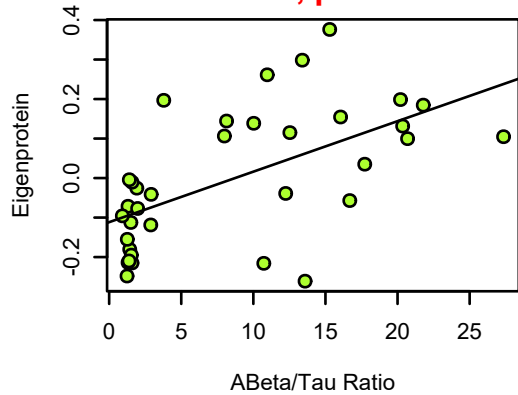
MEgreenyellow.Plasma (Synthetic)
ANOVA p: 0.00057



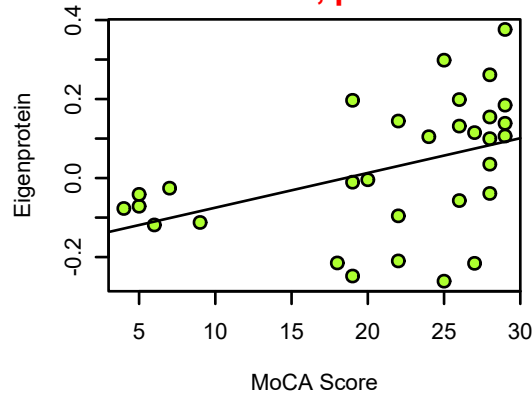
MEgreenyellow.Plasma (Synthetic)
ANOVA p: 0.0021



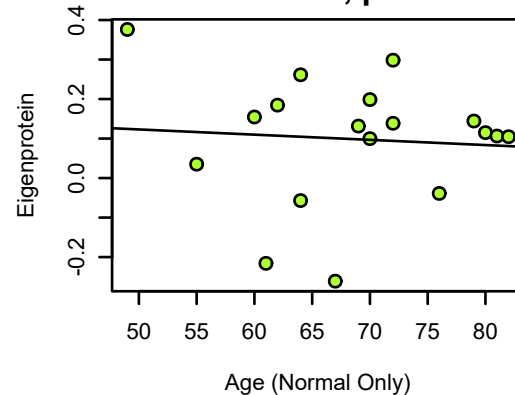
bicor=0.61, p=0.00011
cor=0.58, p=0.00026



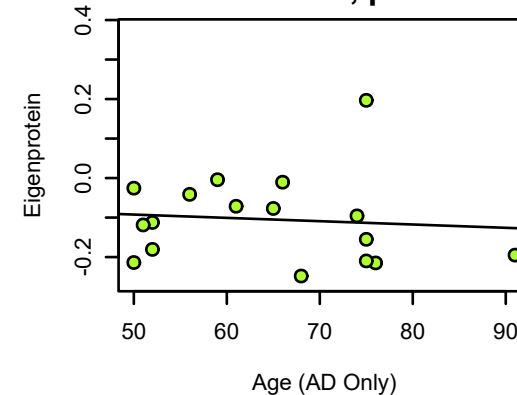
bicor=0.46, p=0.0087
cor=0.44, p=0.013



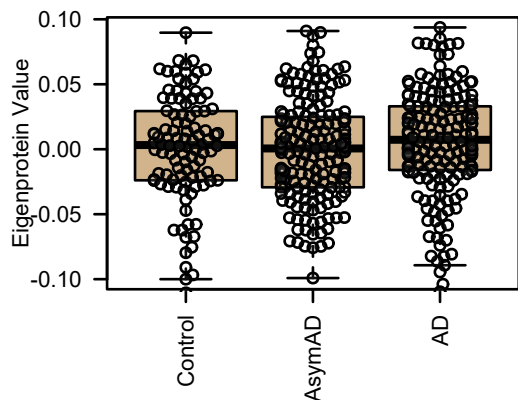
bicor=-0.096, p=0.7
cor=-0.075, p=0.77



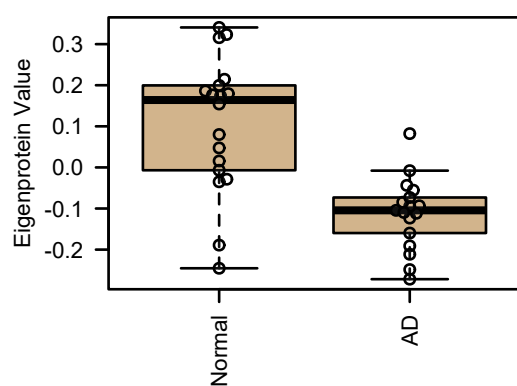
bicor=-0.15, p=0.56
cor=-0.091, p=0.73



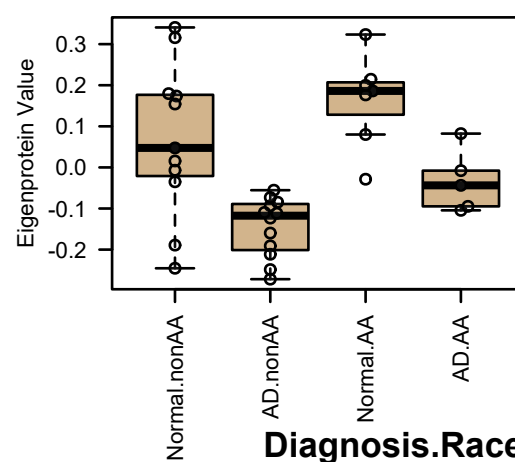
M12 tan.MEGATMT488
Cytoskeleton



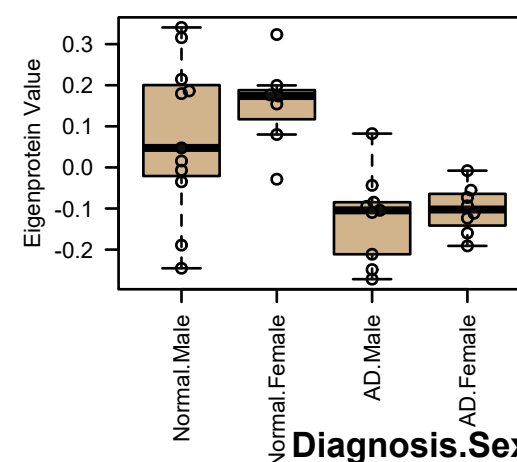
MEtan.Plasma 35 Samp. (Synthetic)
ANOVA p: 3.1e-05



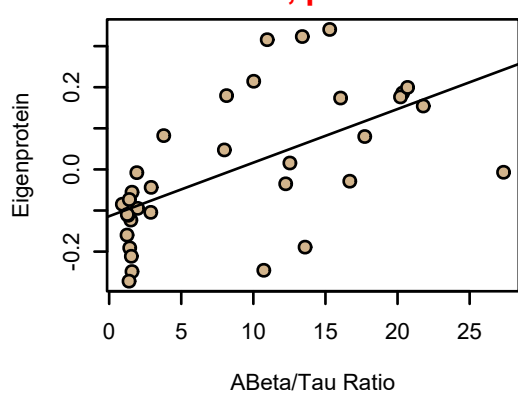
MEtan.Plasma (Synthetic)
ANOVA p: 7.9e-05



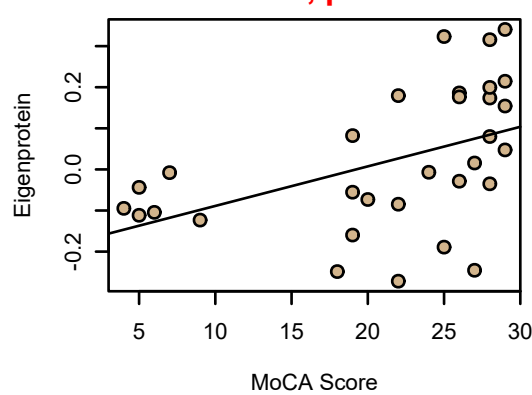
MEtan.Plasma (Synthetic)
ANOVA p: 0.00037



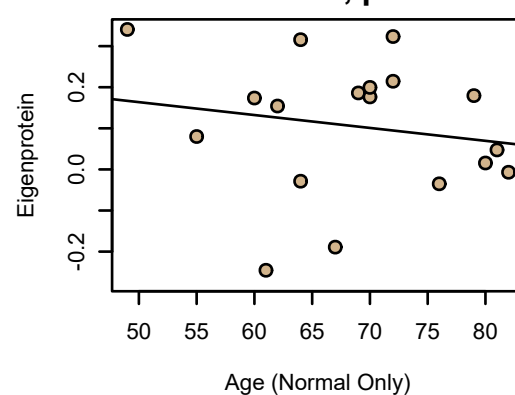
bicor=0.63, p=4.5e-05
cor=0.6, p=0.00014



bicor=0.53, p=0.0023
cor=0.47, p=0.0076



bicor=-0.15, p=0.56
cor=-0.17, p=0.5



bicor=-0.33, p=0.2
cor=-0.31, p=0.23

