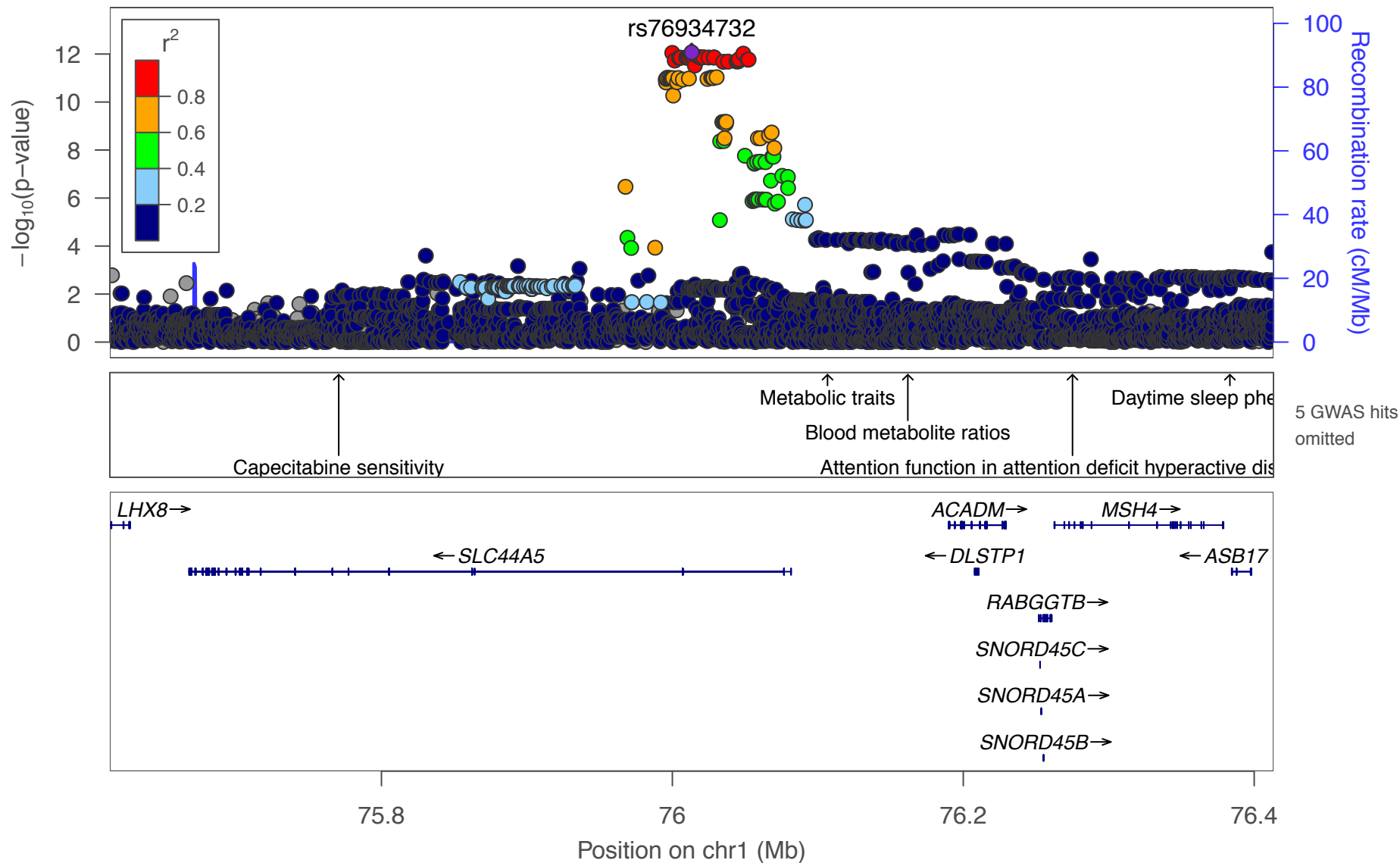


Supplementary Figure S9

Each of the subsequent pages shows the local association plots for the 368 SNP-IDP associations listed in **Supplementary Table S2**. In the top panel SNPs are plotted by their positions on the chromosome against association with the IDP ($-\log_{10}$ P value) on the left y axis. Points are coloured by their local linkage disequilibrium (LD) pattern with the focal SNP (purple diamond). Below the main plot are two tracks that show existing GWAS associations, and position and orientation of local genes.

FAST_ROIs_V_cerebellum_VIIla



date: Thu Aug 17 17:58:46 2017

build: hg19

display range: chr1:75613268–76413268 [75613268–76413268]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr1:76013268

number of SNPs plotted: 3686

min P.value: 8.51E–13 [chr1:76013268]

max P.value: 10E–1 [chr1:75725482]

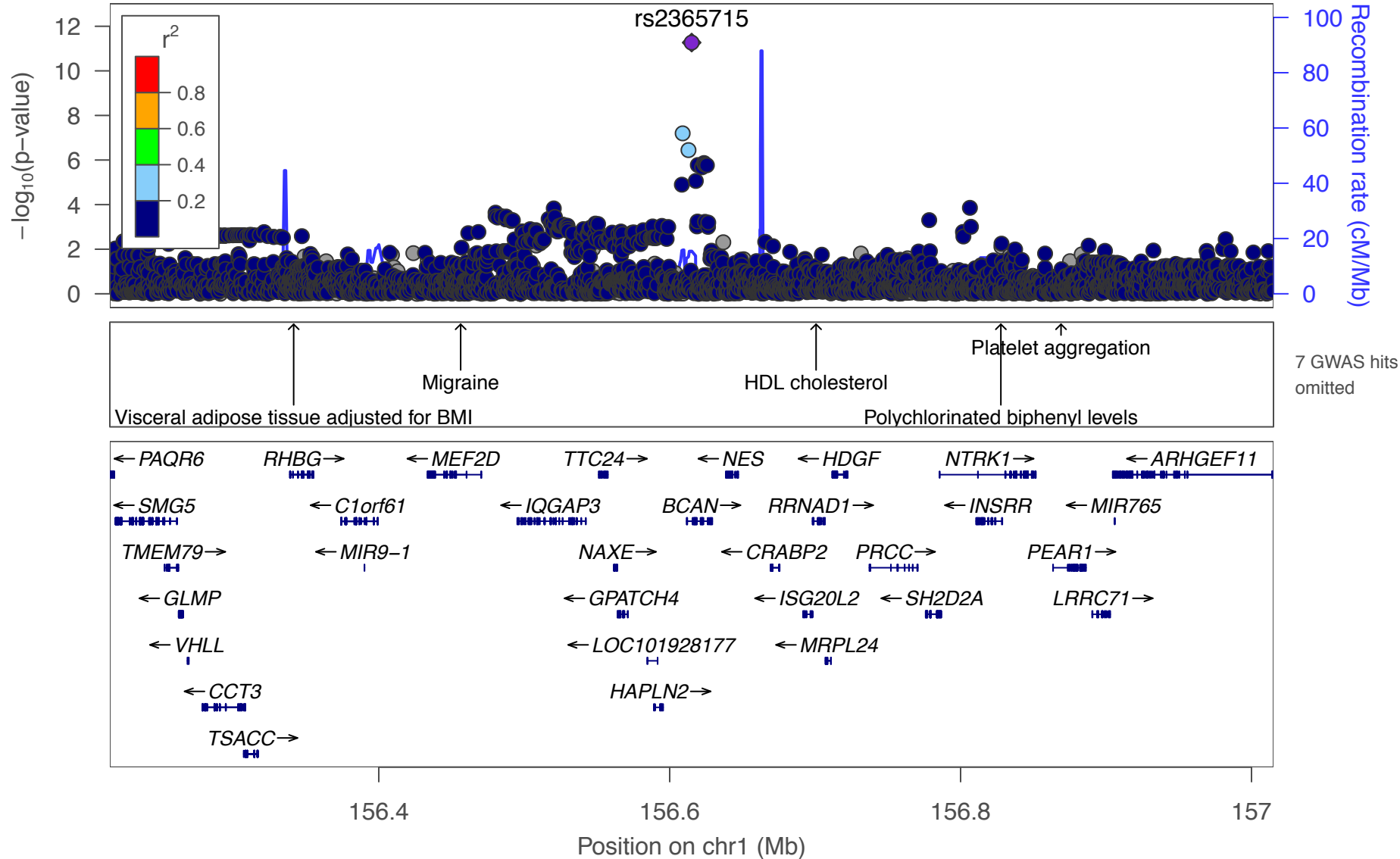
omitted GWAS Hits: chr1:76.383297–Daytime sleep phenotypes, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
1	75.77062	Capecitabine sensitivity	rs1249675
1	75.91383	Whole-brain volume (Alzheimer's disease interaction)	rs1857353
1	76.10667	Metabolic traits	rs211718
1	76.13595	Acylcarnitine levels	rs7552404
1	76.13595	Blood metabolite levels	rs7552404
1	76.16189	Blood metabolite ratios	rs4949874
1	76.16862	Daytime sleep phenotypes	rs815306
1	76.21633	Blood metabolite levels	rs11161521
1	76.27510	Attention function in attention deficit hyperactive disorder	rs1144333
1	76.38330	Daytime sleep phenotypes	rs10782582

TBSS_ICVF_Genu_of_corpus_callosum



date: Thu Aug 17 18:11:30 2017

build: hg19

display range: chr1:156215114–157015114 [156215114–157015114]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr1:156615114

number of SNPs plotted: 3160

min P.value: 5.38E–12 [chr1:156615114]

max P.value: 10E–1 [chr1:156796697]

omitted GWAS Hits: chr1:156.700651–HDL cholesterol, chr1:156.827703–Polychlorinated biphenyl levels

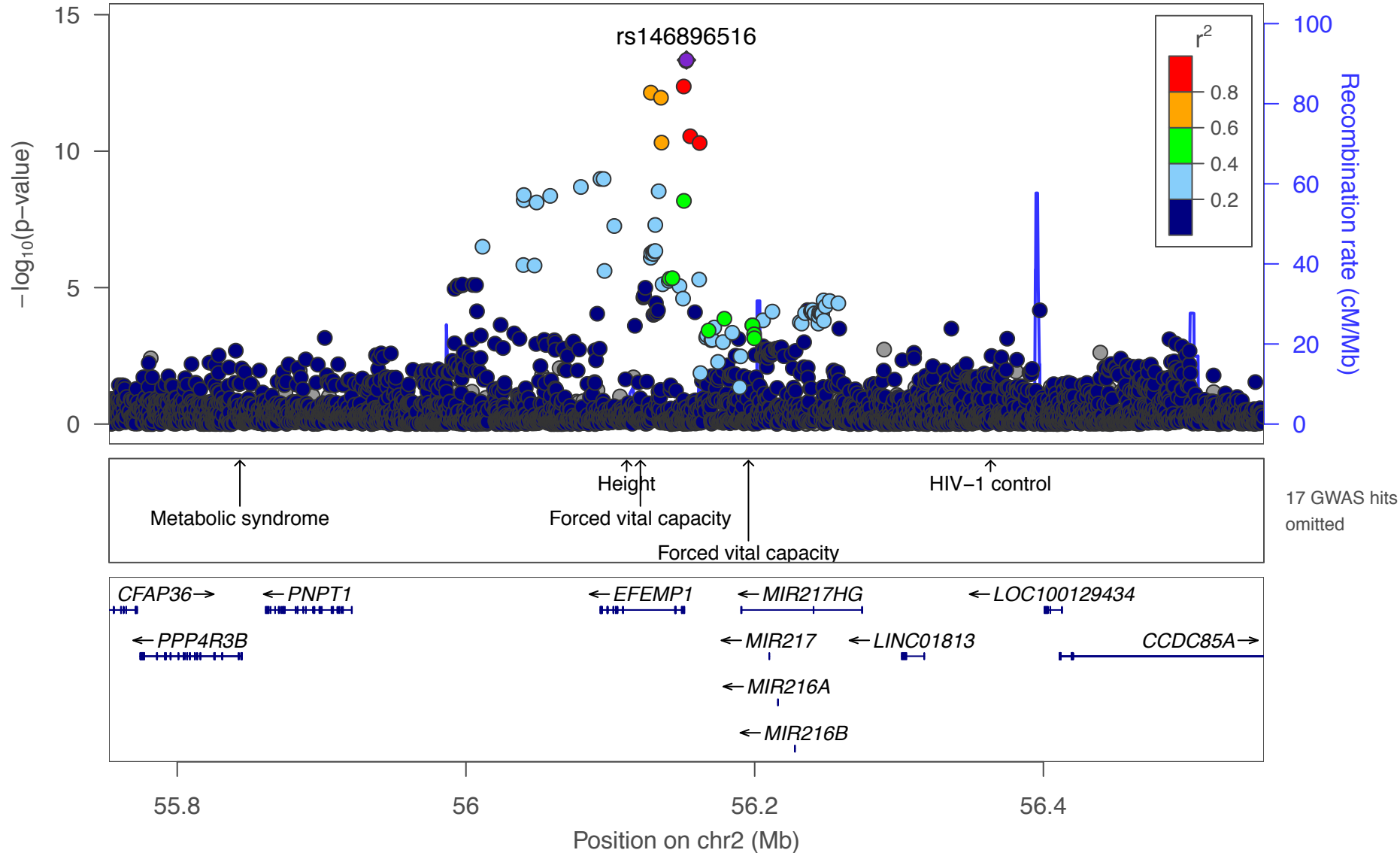
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
1	156.2555	Glycated hemoglobin levels	rs6684514
1	156.2555	Mean corpuscular hemoglobin concentration	rs6684514
1	156.3415	Visceral adipose tissue adjusted for BMI	rs7525133
1	156.3565	Subcutaneous adipose tissue	rs6686886
1	156.4462	Migraine	rs2274316
1	156.4462	Migraine – clinic-based	rs2274316
1	156.4507	Migraine	rs1925950
1	156.4563	Migraine	rs3790455
1	156.4565	Resting heart rate	rs1171563
1	156.7007	HDL cholesterol	rs12145743
1	156.8277	Polychlorinated biphenyl levels	rs115699453
1	156.8690	Platelet aggregation	rs12566888

T2_FLAIR_BIANCA_WMH_volume



date: Thu Aug 17 18:04:38 2017

build: hg19

display range: chr2:55752750–56552750 [55752750–56552750]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr2:56152750

number of SNPs plotted: 4119

min P.value: 4.58E–14 [chr2:56152750]

max P.value: 10E–1 [chr2:56359853]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

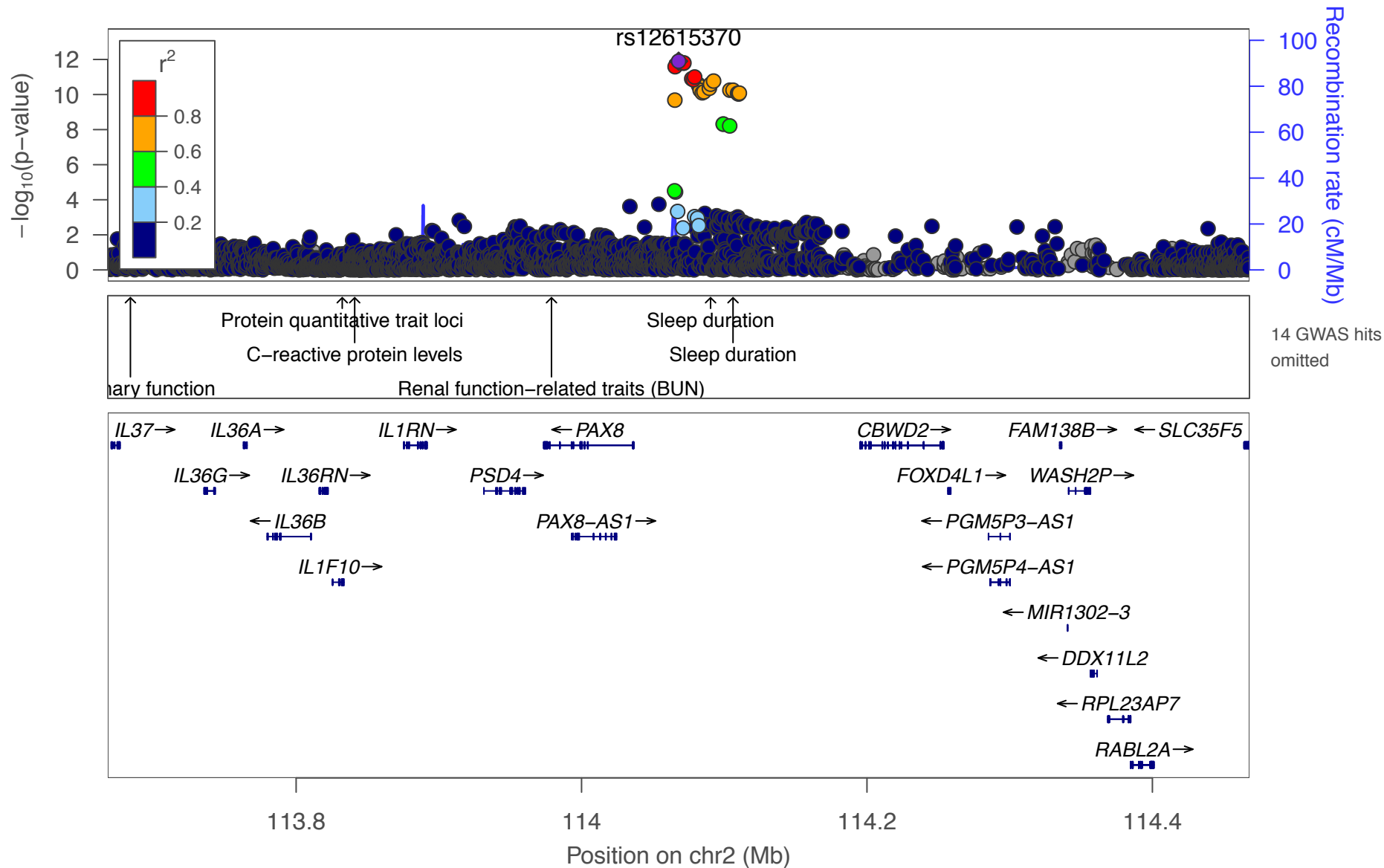
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
2	55.84341	Metabolic syndrome	rs782590
2	55.97373	IgG glycosylation	rs2163237
2	56.00890	Amyotrophic lateral sclerosis	rs7577894
2	56.01221	Inguinal hernia	rs2009262
2	56.02587	3-hydroxy-1-methylpropylmercapturic acid levels in smokers	rs74760234
2	56.06718	Height	rs4146922
2	56.08954	Height	rs1367226
2	56.09689	Height	rs3791679
2	56.09689	Waist circumference adjusted for body mass index	rs3791679
2	56.10833	Optic cup area	rs1346786
2	56.11131	Height	rs3791675
2	56.12085	Forced vital capacity	rs1430193
2	56.13510	White matter hyperintensity burden	rs78857879
2	56.15656	Post bronchodilator FEV1/FVC ratio	rs180765220
2	56.18293	Post bronchodilator FEV1/FVC ratio	rs190486114
2	56.19147	Schizophrenia	rs2868985
2	56.19570	Forced vital capacity	rs62164511
2	56.19715	Post bronchodilator FEV1/FVC ratio	rs186819721
2	56.19780	Post bronchodilator FEV1/FVC ratio	rs138402956
2	56.21767	Post bronchodilator FEV1/FVC ratio	rs182751789
2	56.25550	Pelvic organ prolapse (moderate/severe)	rs3850352

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
2	56.36338	HIV-1 control	rs6751715

netmat_edge_ICA_001



date: Sat Aug 19 17:32:05 2017

build: hg19

display range: chr2:113668017–114468017 [113668017–114468017]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr2:114068017

number of SNPs plotted: 3145

min P.value: 1.26E–12 [chr2:114068017]

max P.value: 10E–1 [chr2:114446440]

omitted GWAS Hits: chr2:113.97894–Renal function–related traits (BUN), chr2:114.090412–Sleep duration

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

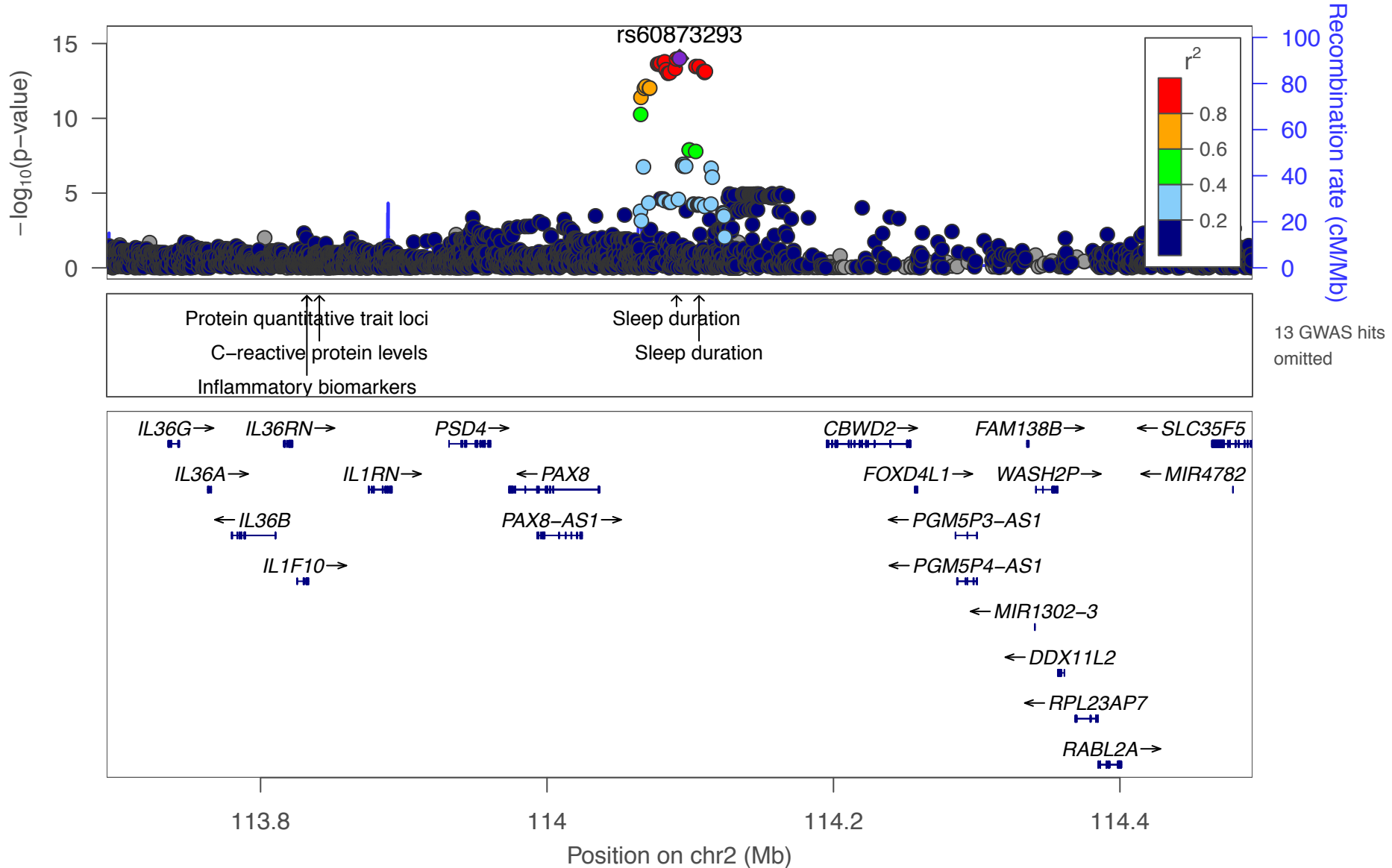
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
2	113.6839	Pulmonary function	rs10864907
2	113.6914	Response to amphetamines	rs12467847
2	113.8323	Protein quantitative trait loci	rs6761276
2	113.8323	Inflammatory biomarkers	rs6743376
2	113.8378	C-reactive protein levels or LDL-cholesterol levels (pleiotropy)	rs12711751
2	113.8381	C-reactive protein levels or triglyceride levels (pleiotropy)	rs13409360
2	113.8410	C-reactive protein levels	rs6734238
2	113.8410	Fibrinogen	rs6734238
2	113.8410	C-reactive protein	rs6734238
2	113.8410	White blood cell count	rs6734238
2	113.8410	Fibrinogen levels	rs6734238
2	113.8410	C-reactive protein levels or total cholesterol levels (pleiotropy)	rs6734238
2	113.8476	Stroke	rs11681884
2	113.8904	Obesity-related traits	rs4252023
2	113.9729	Mucinous ovarian carcinoma	rs752590
2	113.9789	Renal function-related traits (BUN)	rs11123170
2	114.0164	Mucinous ovarian carcinoma	rs72831838
2	114.0904	Sleep duration	rs1823125
2	114.1061	Sleep duration	rs62158211
2	114.1061	Sleep duration (oversleepers vs undersleepers)	rs62158211

NODEamps25_0012



date: Thu Aug 17 18:02:20 2017

build: hg19

display range: chr2:113692549–114492549 [113692549–114492549]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr2:114092549

number of SNPs plotted: 3067

min P.value: 9.86E–15 [chr2:114092549]

max P.value: 10E–1 [chr2:113762224]

omitted GWAS Hits: chr2:114.090412–Sleep duration, chr2:114.106139–Sleep duration

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

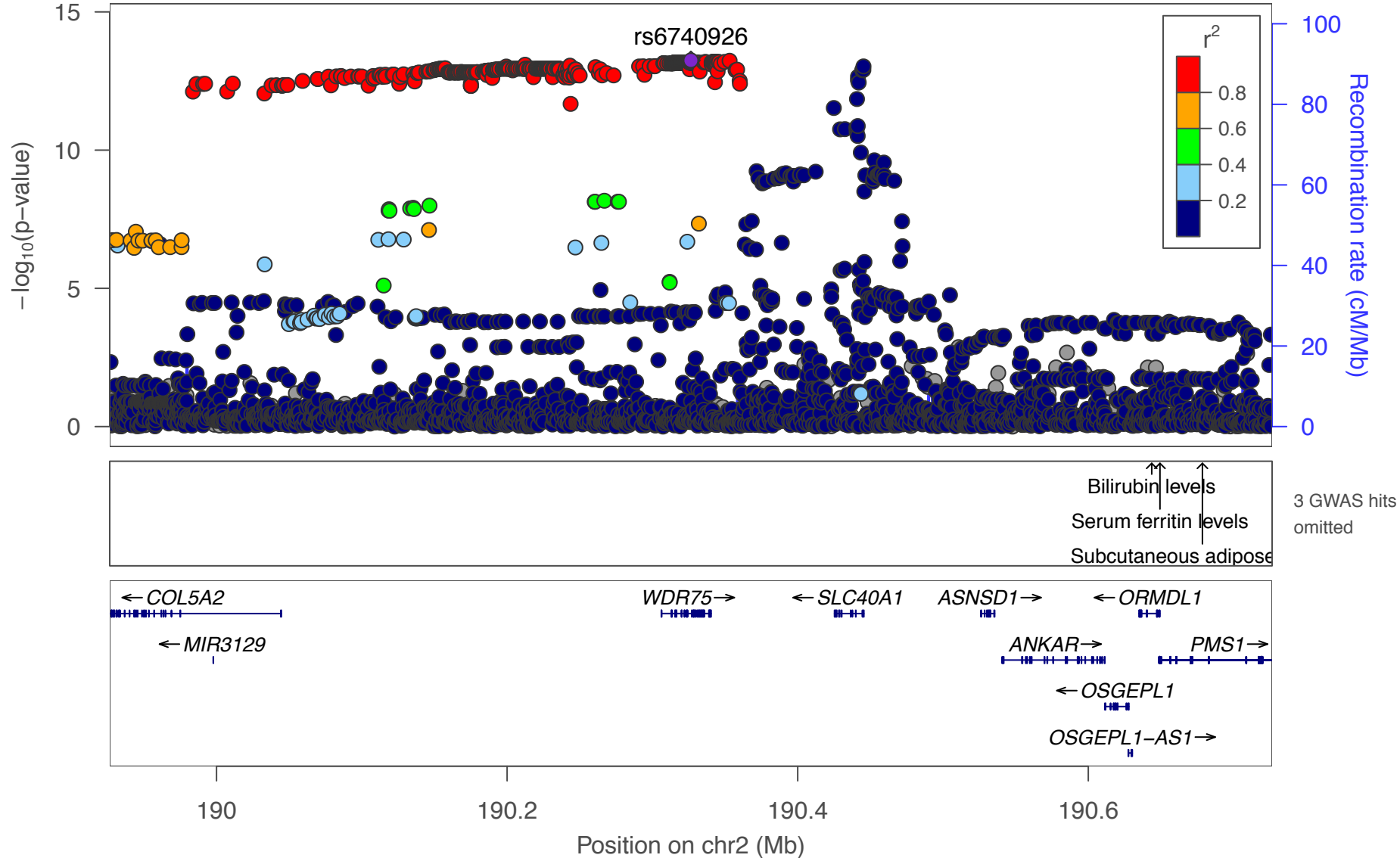
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
2	113.8323	Protein quantitative trait loci	rs6761276
2	113.8323	Inflammatory biomarkers	rs6743376
2	113.8378	C-reactive protein levels or LDL-cholesterol levels (pleiotropy)	rs12711751
2	113.8381	C-reactive protein levels or triglyceride levels (pleiotropy)	rs13409360
2	113.8410	C-reactive protein levels	rs6734238
2	113.8410	Fibrinogen	rs6734238
2	113.8410	C-reactive protein	rs6734238
2	113.8410	White blood cell count	rs6734238
2	113.8410	Fibrinogen levels	rs6734238
2	113.8410	C-reactive protein levels or total cholesterol levels (pleiotropy)	rs6734238
2	113.8476	Stroke	rs11681884
2	113.8904	Obesity-related traits	rs4252023
2	113.9729	Mucinous ovarian carcinoma	rs752590
2	113.9789	Renal function-related traits (BUN)	rs11123170
2	114.0164	Mucinous ovarian carcinoma	rs72831838
2	114.0904	Sleep duration	rs1823125
2	114.1061	Sleep duration	rs62158211
2	114.1061	Sleep duration (oversleepers vs undersleepers)	rs62158211

SWI_T2star_left_pallidum



date: Thu Aug 17 18:10:54 2017

build: hg19

display range: chr2:189926498–190726498 [189926498–190726498]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr2:190326498

number of SNPs plotted: 3013

min P.value: 5.68E–14 [chr2:190326498]

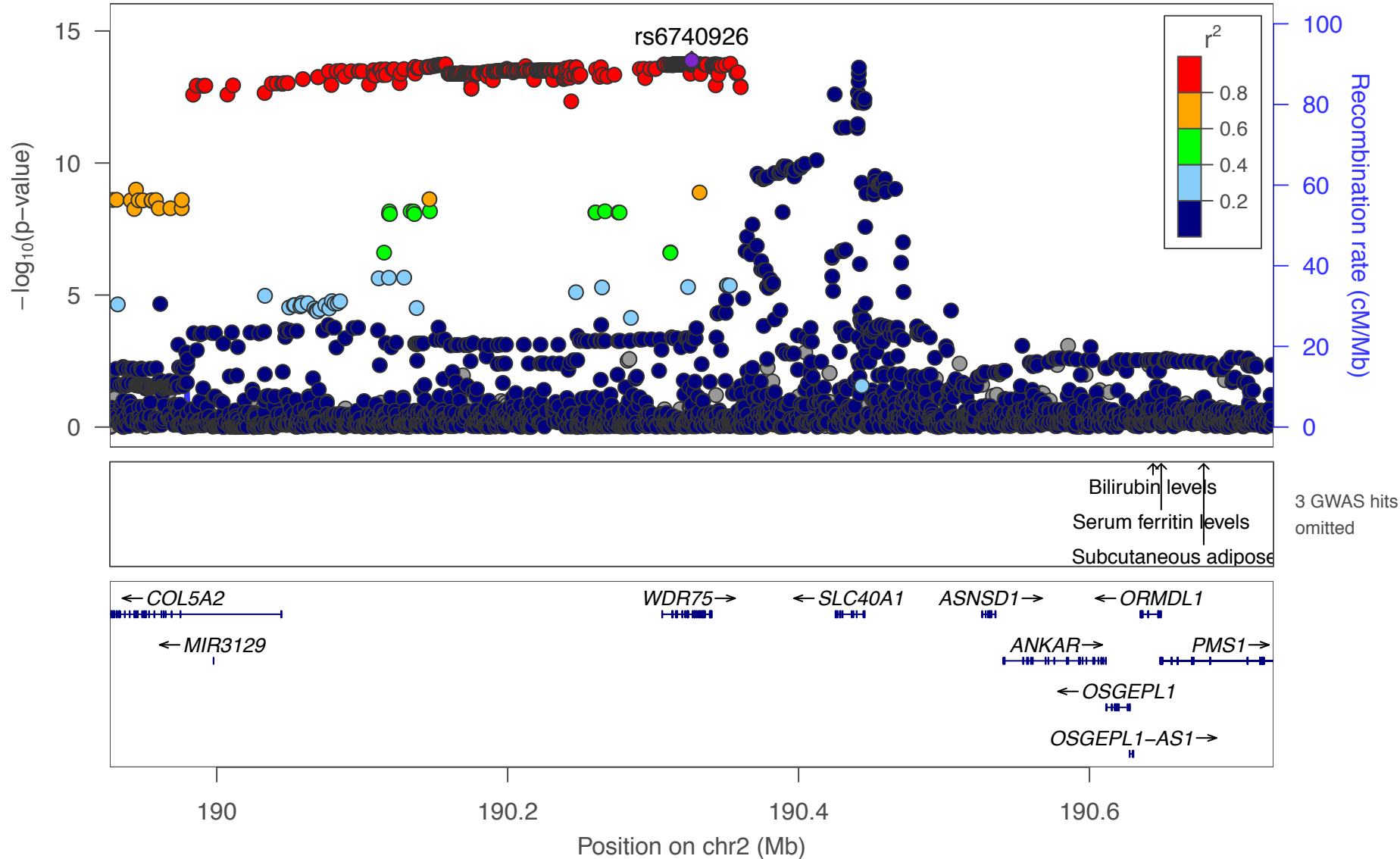
max P.value: 9.99E–1 [chr2:190307272]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
2	190.3787	Iron status biomarkers (ferritin levels)	rs744653
2	190.3787	Iron status biomarkers (transferrin levels)	rs744653
2	190.6072	Obesity-related traits	rs12053254
2	190.6436	Bilirubin levels	rs7606224
2	190.6493	Serum ferritin levels	rs5742933
2	190.6785	Subcutaneous adipose tissue	rs5743030

SWI_T2star_left_pallidum_plus_right_pallidum



date: Thu Aug 17 18:10:54 2017

build: hg19

display range: chr2:189926498–190726498 [189926498–190726498]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr2:190326498

number of SNPs plotted: 3013

min P.value: 1.31E–14 [chr2:190326498]

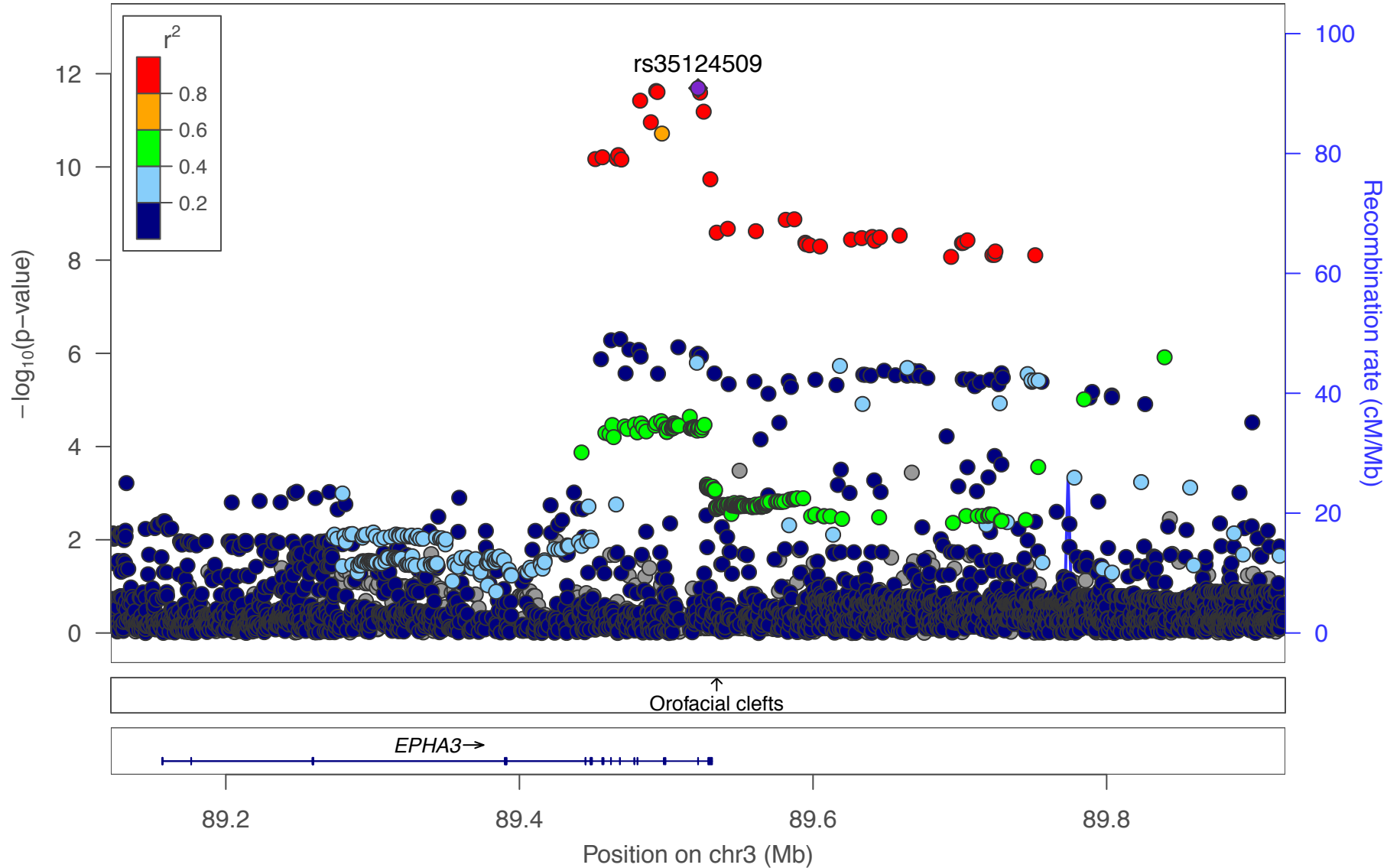
max P.value: 10E–1 [chr2:190039575]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
2	190.3787	Iron status biomarkers (ferritin levels)	rs744653
2	190.3787	Iron status biomarkers (transferrin levels)	rs744653
2	190.6072	Obesity-related traits	rs12053254
2	190.6436	Bilirubin levels	rs7606224
2	190.6493	Serum ferritin levels	rs5742933
2	190.6785	Subcutaneous adipose tissue	rs5743030

NET100_1011



date: Thu Aug 17 17:59:19 2017

build: hg19

display range: chr3:89121693–89921693 [89121693–89921693]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:89521693

number of SNPs plotted: 3517

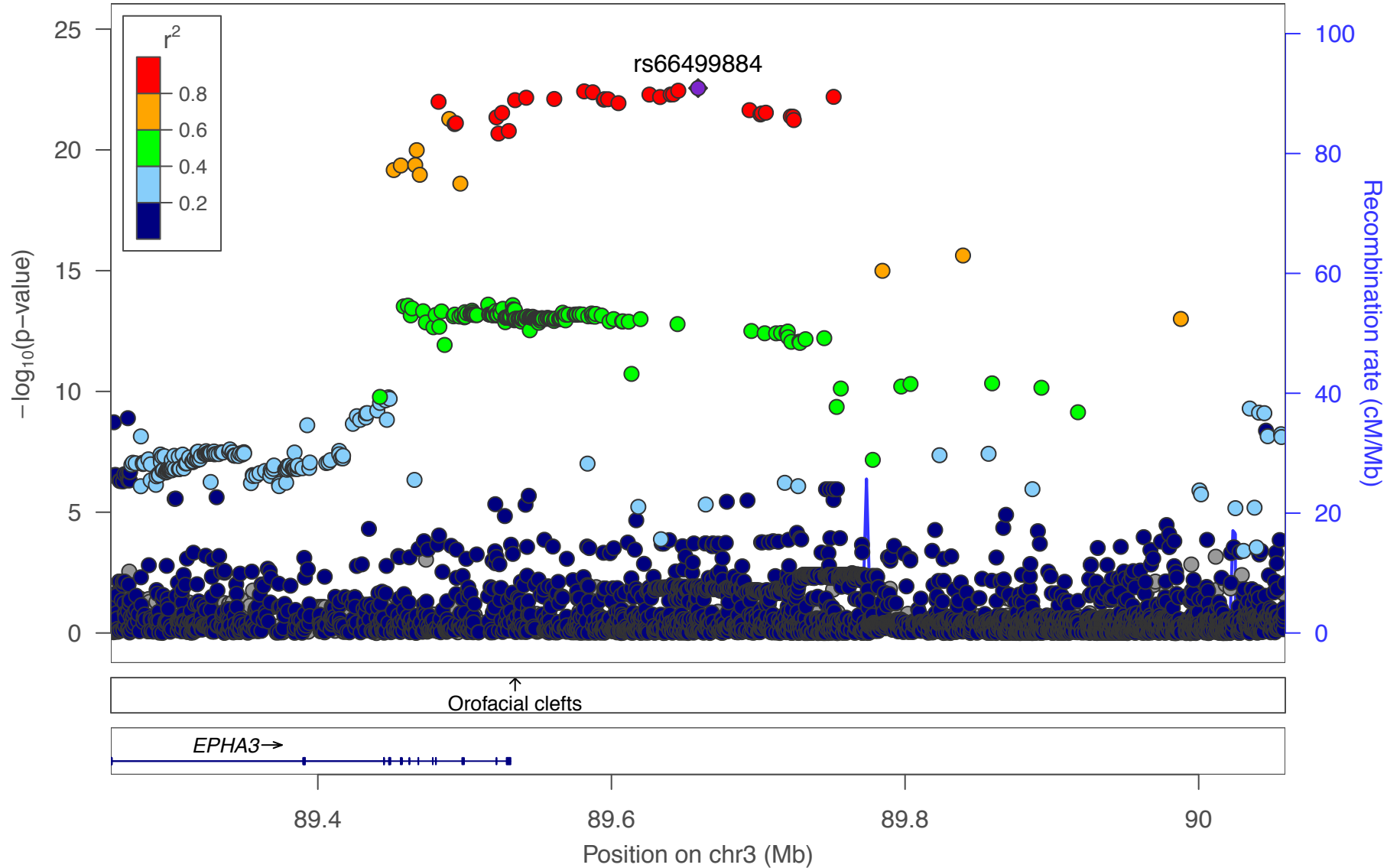
min P.value: 2.04E–12 [chr3:89521693]

max P.value: 10E–1 [chr3:89562907]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	89.53438	Orofacial clefts	rs7632427

netmat_edge_ICA_003



date: Sat Aug 19 17:37:26 2017

build: hg19

display range: chr3:89259012–90059012 [89259012–90059012]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:89659012

number of SNPs plotted: 3873

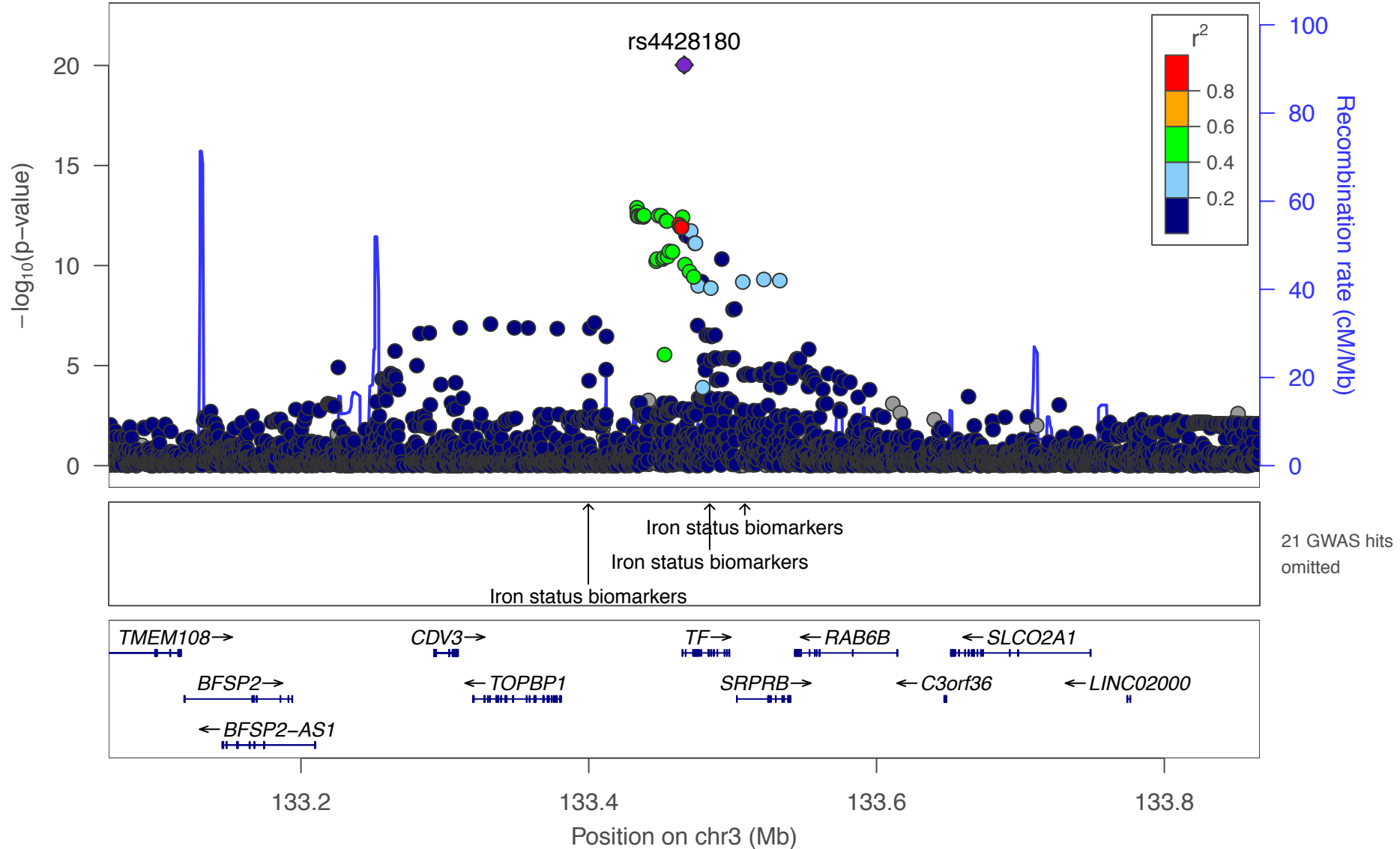
min P.value: 2.77E–23 [chr3:89659012]

max P.value: 10E–1 [chr3:90006653]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	89.53438	Orofacial clefts	rs7632427

SWI_T2star_left_putamen



date: Thu Aug 17 18:24:22 2017

build: hg19

display range: chr3:133066374–133866374 [133066374–133866374]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:133466374

number of SNPs plotted: 3859

min P.value: 9.44E–21 [chr3:133466374]

max P.value: 10E–1 [chr3:133574407]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

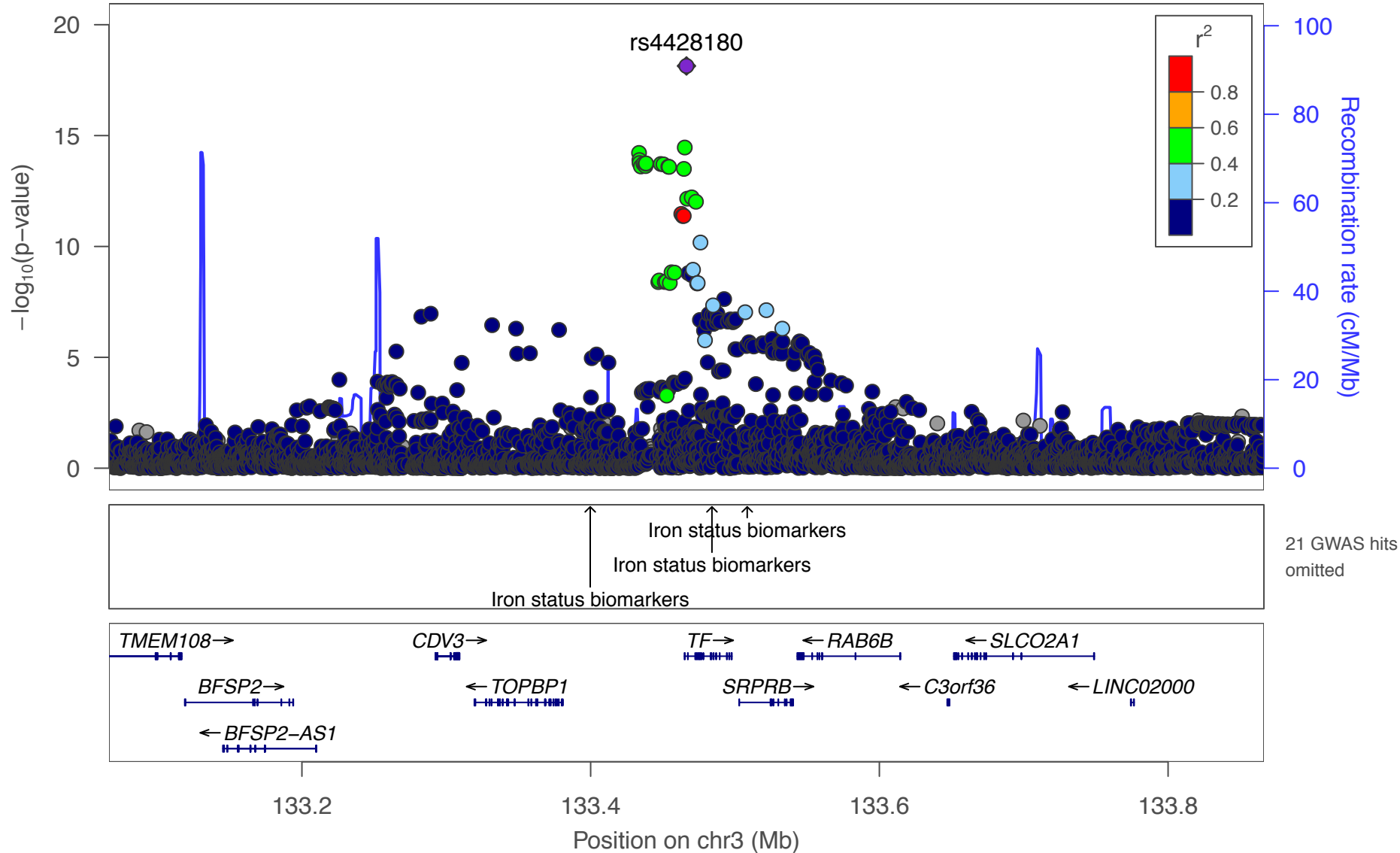
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.2609	Bulimia nervosa	rs11708304
3	133.3997	Iron status biomarkers	rs2718812
3	133.4106	Autism spectrum disorder–related traits	rs1867503
3	133.4107	Iron status biomarkers	rs1867504
3	133.4309	Alzheimer disease and age of onset	rs190500289
3	133.4575	Iron status biomarkers	rs9872999
3	133.4635	Iron status biomarkers (transferrin levels)	rs8177179
3	133.4757	Iron status biomarkers	rs1799852
3	133.4757	Iron status biomarkers (transferrin saturation)	rs1799852
3	133.4758	Alcohol consumption (transferrin glycosylation)	rs1799899
3	133.4777	Iron status biomarkers (transferrin saturation)	rs8177240
3	133.4777	Iron status biomarkers (transferrin levels)	rs8177240
3	133.4777	Iron status biomarkers (iron levels)	rs8177240
3	133.4802	Iron status biomarkers	rs8177253
3	133.4840	Iron status biomarkers	rs3811647
3	133.4840	Hepcidin levels	rs3811647
3	133.4840	Alcohol consumption (transferrin glycosylation)	rs3811647
3	133.4840	Hereditary hemochromatosis–related traits (HFE mutation homozygotes)	rs3811647
3	133.4944	Alcohol consumption (transferrin glycosylation)	rs1049296
3	133.5085	Iron status biomarkers	rs1830084
3	133.5371	Alcohol consumption (transferrin glycosylation)	rs1534166

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.5893	Immune reponse to smallpox (secreted IL-1beta)	rs9835973
3	133.5971	Post bronchodilator FEV1/FVC ratio	rs140798517
3	133.6289	Post bronchodilator FEV1/FVC ratio	rs143087368

SWI_T2star_right_putamen



date: Thu Aug 17 18:24:22 2017

build: hg19

display range: chr3:133066374–133866374 [133066374–133866374]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:133466374

number of SNPs plotted: 3859

min P.value: 7.24E–19 [chr3:133466374]

max P.value: 10E–1 [chr3:133178432]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

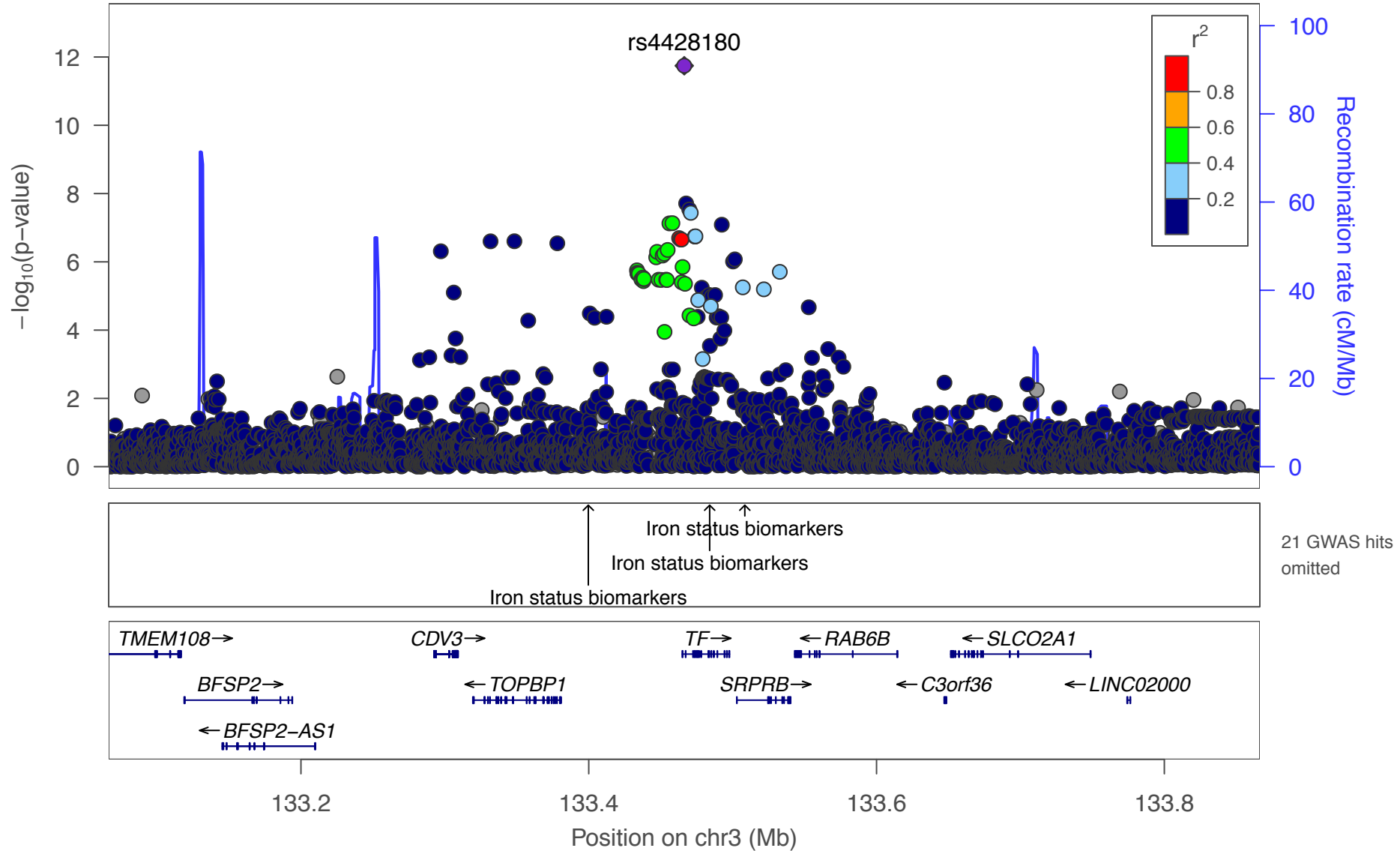
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.2609	Bulimia nervosa	rs11708304
3	133.3997	Iron status biomarkers	rs2718812
3	133.4106	Autism spectrum disorder–related traits	rs1867503
3	133.4107	Iron status biomarkers	rs1867504
3	133.4309	Alzheimer disease and age of onset	rs190500289
3	133.4575	Iron status biomarkers	rs9872999
3	133.4635	Iron status biomarkers (transferrin levels)	rs8177179
3	133.4757	Iron status biomarkers	rs1799852
3	133.4757	Iron status biomarkers (transferrin saturation)	rs1799852
3	133.4758	Alcohol consumption (transferrin glycosylation)	rs1799899
3	133.4777	Iron status biomarkers (transferrin saturation)	rs8177240
3	133.4777	Iron status biomarkers (transferrin levels)	rs8177240
3	133.4777	Iron status biomarkers (iron levels)	rs8177240
3	133.4802	Iron status biomarkers	rs8177253
3	133.4840	Iron status biomarkers	rs3811647
3	133.4840	Hepcidin levels	rs3811647
3	133.4840	Alcohol consumption (transferrin glycosylation)	rs3811647
3	133.4840	Hereditary hemochromatosis–related traits (HFE mutation homozygotes)	rs3811647
3	133.4944	Alcohol consumption (transferrin glycosylation)	rs1049296
3	133.5085	Iron status biomarkers	rs1830084
3	133.5371	Alcohol consumption (transferrin glycosylation)	rs1534166

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.5893	Immune reponse to smallpox (secreted IL-1beta)	rs9835973
3	133.5971	Post bronchodilator FEV1/FVC ratio	rs140798517
3	133.6289	Post bronchodilator FEV1/FVC ratio	rs143087368

SWI_T2star_left_pallidum



date: Thu Aug 17 18:24:22 2017

build: hg19

display range: chr3:133066374–133866374 [133066374–133866374]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:133466374

number of SNPs plotted: 3859

min P.value: 1.8E–12 [chr3:133466374]

max P.value: 9.99E–1 [chr3:133593610]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

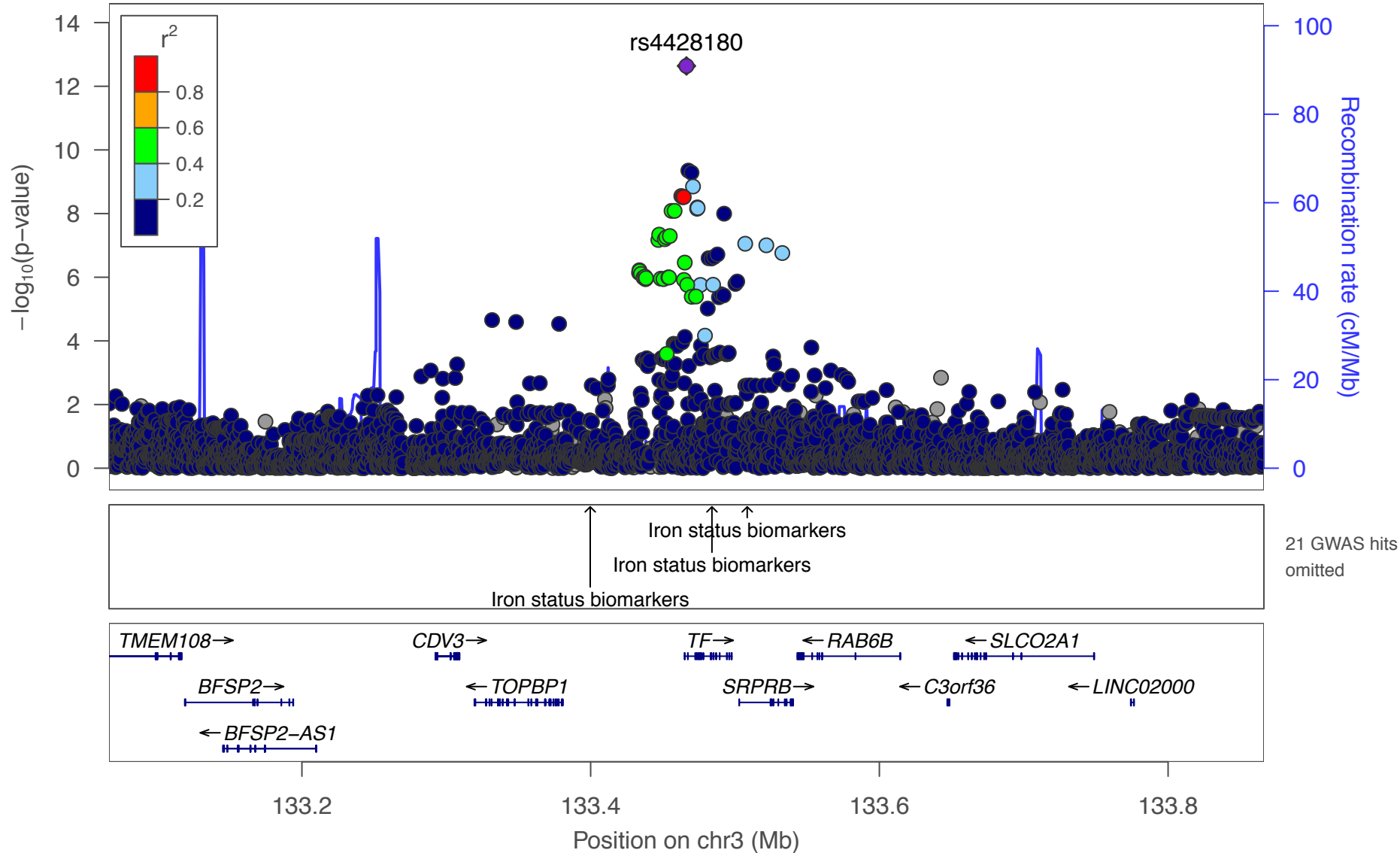
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.2609	Bulimia nervosa	rs11708304
3	133.3997	Iron status biomarkers	rs2718812
3	133.4106	Autism spectrum disorder–related traits	rs1867503
3	133.4107	Iron status biomarkers	rs1867504
3	133.4309	Alzheimer disease and age of onset	rs190500289
3	133.4575	Iron status biomarkers	rs9872999
3	133.4635	Iron status biomarkers (transferrin levels)	rs8177179
3	133.4757	Iron status biomarkers	rs1799852
3	133.4757	Iron status biomarkers (transferrin saturation)	rs1799852
3	133.4758	Alcohol consumption (transferrin glycosylation)	rs1799899
3	133.4777	Iron status biomarkers (transferrin saturation)	rs8177240
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3	133.4840	Iron status biomarkers	rs3811647
3	133.4840	Hepcidin levels	rs3811647
3	133.4840	Alcohol consumption (transferrin glycosylation)	rs3811647
3	133.4840	Hereditary hemochromatosis–related traits (HFE mutation homozygotes)	rs3811647
3	133.4944	Alcohol consumption (transferrin glycosylation)	rs1049296
3	133.5085	Iron status biomarkers	rs1830084
3	133.5371	Alcohol consumption (transferrin glycosylation)	rs1534166

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.5893	Immune reponse to smallpox (secreted IL-1beta)	rs9835973
3	133.5971	Post bronchodilator FEV1/FVC ratio	rs140798517
3	133.6289	Post bronchodilator FEV1/FVC ratio	rs143087368

SWI_T2star_right_pallidum



date: Thu Aug 17 18:24:22 2017

build: hg19

display range: chr3:133066374–133866374 [133066374–133866374]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:133466374

number of SNPs plotted: 3859

min P.value: 2.3E–13 [chr3:133466374]

max P.value: 10E–1 [chr3:133463823]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

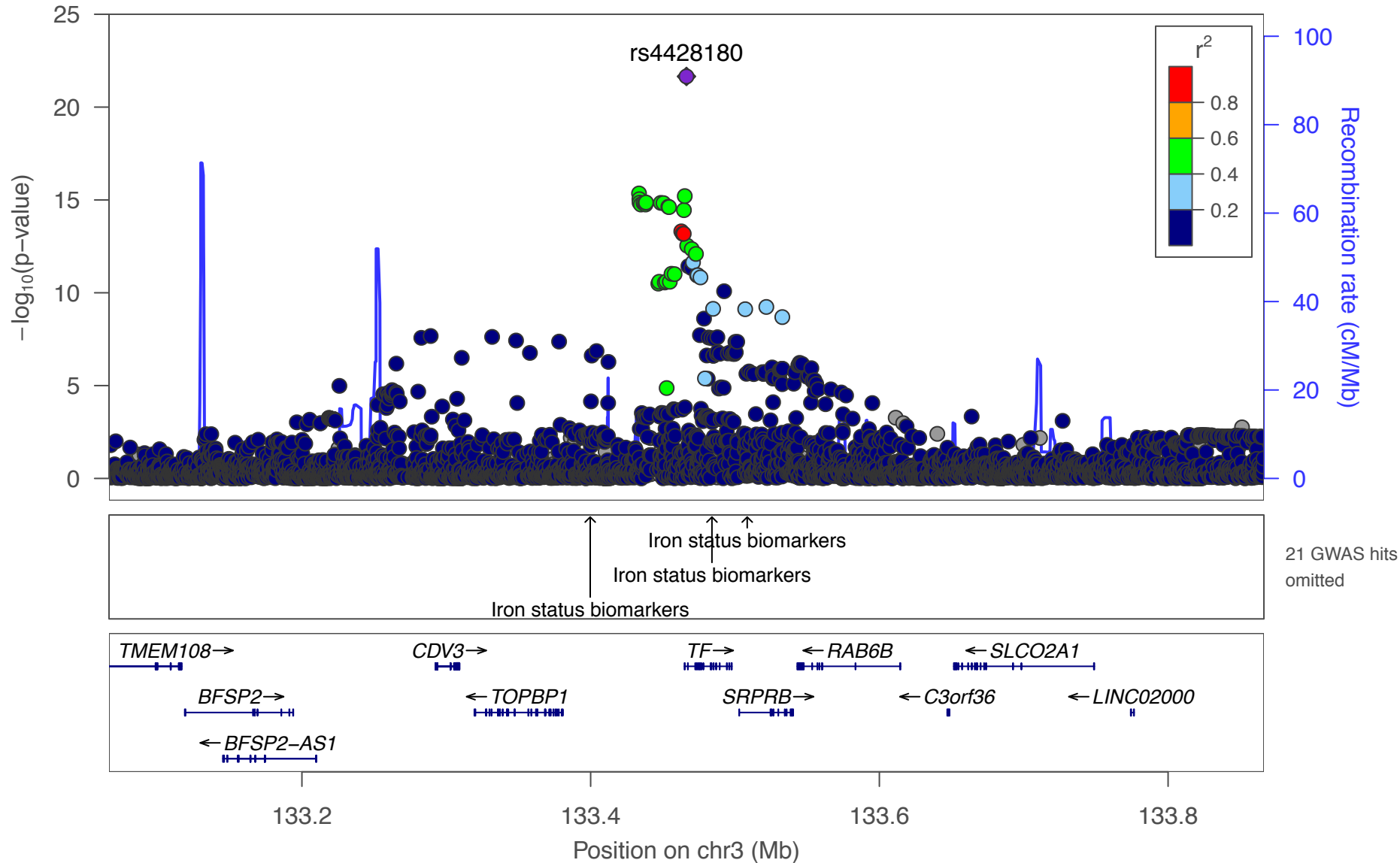
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.2609	Bulimia nervosa	rs11708304
3	133.3997	Iron status biomarkers	rs2718812
3	133.4106	Autism spectrum disorder–related traits	rs1867503
3	133.4107	Iron status biomarkers	rs1867504
3	133.4309	Alzheimer disease and age of onset	rs190500289
3	133.4575	Iron status biomarkers	rs9872999
3	133.4635	Iron status biomarkers (transferrin levels)	rs8177179
3	133.4757	Iron status biomarkers	rs1799852
3	133.4757	Iron status biomarkers (transferrin saturation)	rs1799852
3	133.4758	Alcohol consumption (transferrin glycosylation)	rs1799899
3	133.4777	Iron status biomarkers (transferrin saturation)	rs8177240
3	133.4777	Iron status biomarkers (transferrin levels)	rs8177240
3	133.4777	Iron status biomarkers (iron levels)	rs8177240
3	133.4802	Iron status biomarkers	rs8177253
3	133.4840	Iron status biomarkers	rs3811647
3	133.4840	Hepcidin levels	rs3811647
3	133.4840	Alcohol consumption (transferrin glycosylation)	rs3811647
3	133.4840	Hereditary hemochromatosis–related traits (HFE mutation homozygotes)	rs3811647
3	133.4944	Alcohol consumption (transferrin glycosylation)	rs1049296
3	133.5085	Iron status biomarkers	rs1830084
3	133.5371	Alcohol consumption (transferrin glycosylation)	rs1534166

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.5893	Immune reponse to smallpox (secreted IL-1beta)	rs9835973
3	133.5971	Post bronchodilator FEV1/FVC ratio	rs140798517
3	133.6289	Post bronchodilator FEV1/FVC ratio	rs143087368

SWI_T2star_left_putamen_plus_right_putamen



date: Thu Aug 17 18:24:22 2017

build: hg19

display range: chr3:133066374–133866374 [133066374–133866374]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:133466374

number of SNPs plotted: 3859

min P.value: 2.23E–22 [chr3:133466374]

max P.value: 10E–1 [chr3:133297659]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

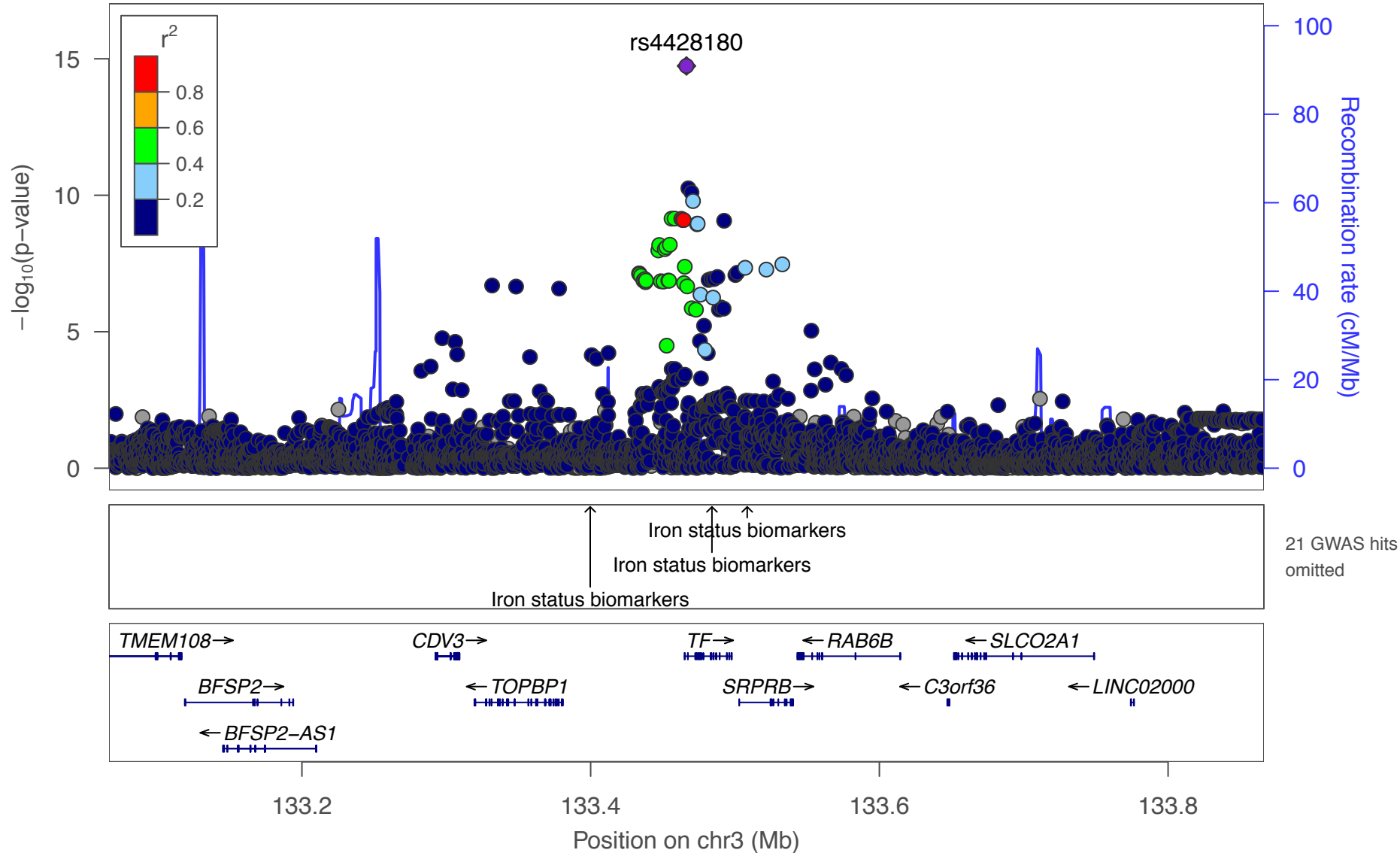
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.2609	Bulimia nervosa	rs11708304
3	133.3997	Iron status biomarkers	rs2718812
3	133.4106	Autism spectrum disorder–related traits	rs1867503
3	133.4107	Iron status biomarkers	rs1867504
3	133.4309	Alzheimer disease and age of onset	rs190500289
3	133.4575	Iron status biomarkers	rs9872999
3	133.4635	Iron status biomarkers (transferrin levels)	rs8177179
3	133.4757	Iron status biomarkers	rs1799852
3	133.4757	Iron status biomarkers (transferrin saturation)	rs1799852
3	133.4758	Alcohol consumption (transferrin glycosylation)	rs1799899
3	133.4777	Iron status biomarkers (transferrin saturation)	rs8177240
3	133.4777	Iron status biomarkers (transferrin levels)	rs8177240
3	133.4777	Iron status biomarkers (iron levels)	rs8177240
3	133.4802	Iron status biomarkers	rs8177253
3	133.4840	Iron status biomarkers	rs3811647
3	133.4840	Hepcidin levels	rs3811647
3	133.4840	Alcohol consumption (transferrin glycosylation)	rs3811647
3	133.4840	Hereditary hemochromatosis–related traits (HFE mutation homozygotes)	rs3811647
3	133.4944	Alcohol consumption (transferrin glycosylation)	rs1049296
3	133.5085	Iron status biomarkers	rs1830084
3	133.5371	Alcohol consumption (transferrin glycosylation)	rs1534166

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.5893	Immune reponse to smallpox (secreted IL-1beta)	rs9835973
3	133.5971	Post bronchodilator FEV1/FVC ratio	rs140798517
3	133.6289	Post bronchodilator FEV1/FVC ratio	rs143087368

SWI_T2star_left_pallidum_plus_right_pallidum



date: Thu Aug 17 18:24:22 2017

build: hg19

display range: chr3:133066374–133866374 [133066374–133866374]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:133466374

number of SNPs plotted: 3859

min P.value: 1.83E–15 [chr3:133466374]

max P.value: 9.99E–1 [chr3:133253919]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

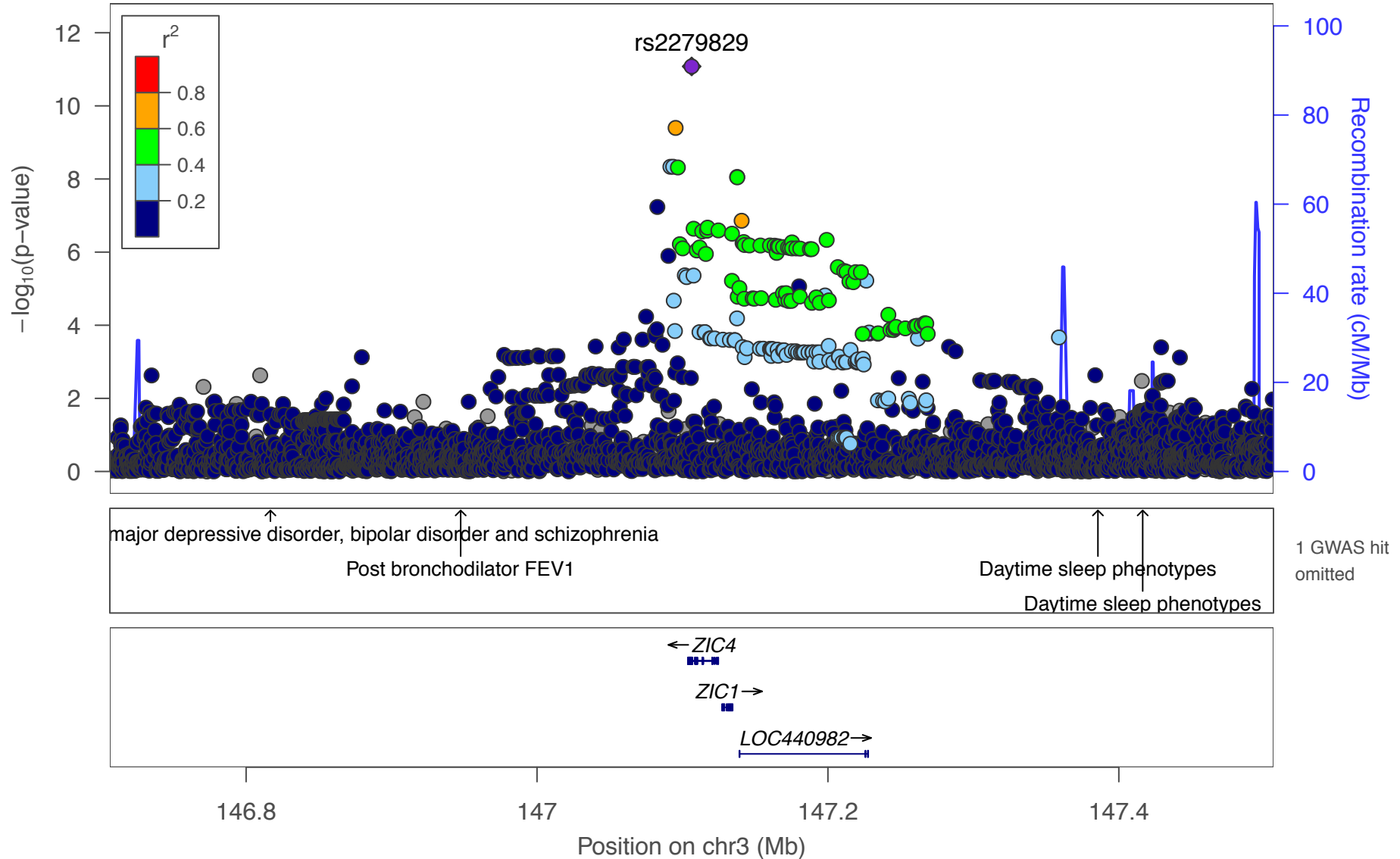
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.2609	Bulimia nervosa	rs11708304
3	133.3997	Iron status biomarkers	rs2718812
3	133.4106	Autism spectrum disorder–related traits	rs1867503
3	133.4107	Iron status biomarkers	rs1867504
3	133.4309	Alzheimer disease and age of onset	rs190500289
3	133.4575	Iron status biomarkers	rs9872999
3	133.4635	Iron status biomarkers (transferrin levels)	rs8177179
3	133.4757	Iron status biomarkers	rs1799852
3	133.4757	Iron status biomarkers (transferrin saturation)	rs1799852
3	133.4758	Alcohol consumption (transferrin glycosylation)	rs1799899
3	133.4777	Iron status biomarkers (transferrin saturation)	rs8177240
3	133.4777	Iron status biomarkers (transferrin levels)	rs8177240
3	133.4777	Iron status biomarkers (iron levels)	rs8177240
3	133.4802	Iron status biomarkers	rs8177253
3	133.4840	Iron status biomarkers	rs3811647
3	133.4840	Hepcidin levels	rs3811647
3	133.4840	Alcohol consumption (transferrin glycosylation)	rs3811647
3	133.4840	Hereditary hemochromatosis–related traits (HFE mutation homozygotes)	rs3811647
3	133.4944	Alcohol consumption (transferrin glycosylation)	rs1049296
3	133.5085	Iron status biomarkers	rs1830084
3	133.5371	Alcohol consumption (transferrin glycosylation)	rs1534166

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	133.5893	Immune reponse to smallpox (secreted IL-1beta)	rs9835973
3	133.5971	Post bronchodilator FEV1/FVC ratio	rs140798517
3	133.6289	Post bronchodilator FEV1/FVC ratio	rs143087368

netmat_edge_ICA_002



date: Sat Aug 19 17:32:05 2017

build: hg19

display range: chr3:146706319–147506319 [146706319–147506319]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr3:147106319

number of SNPs plotted: 3210

min P.value: 8.34E–12 [chr3:147106319]

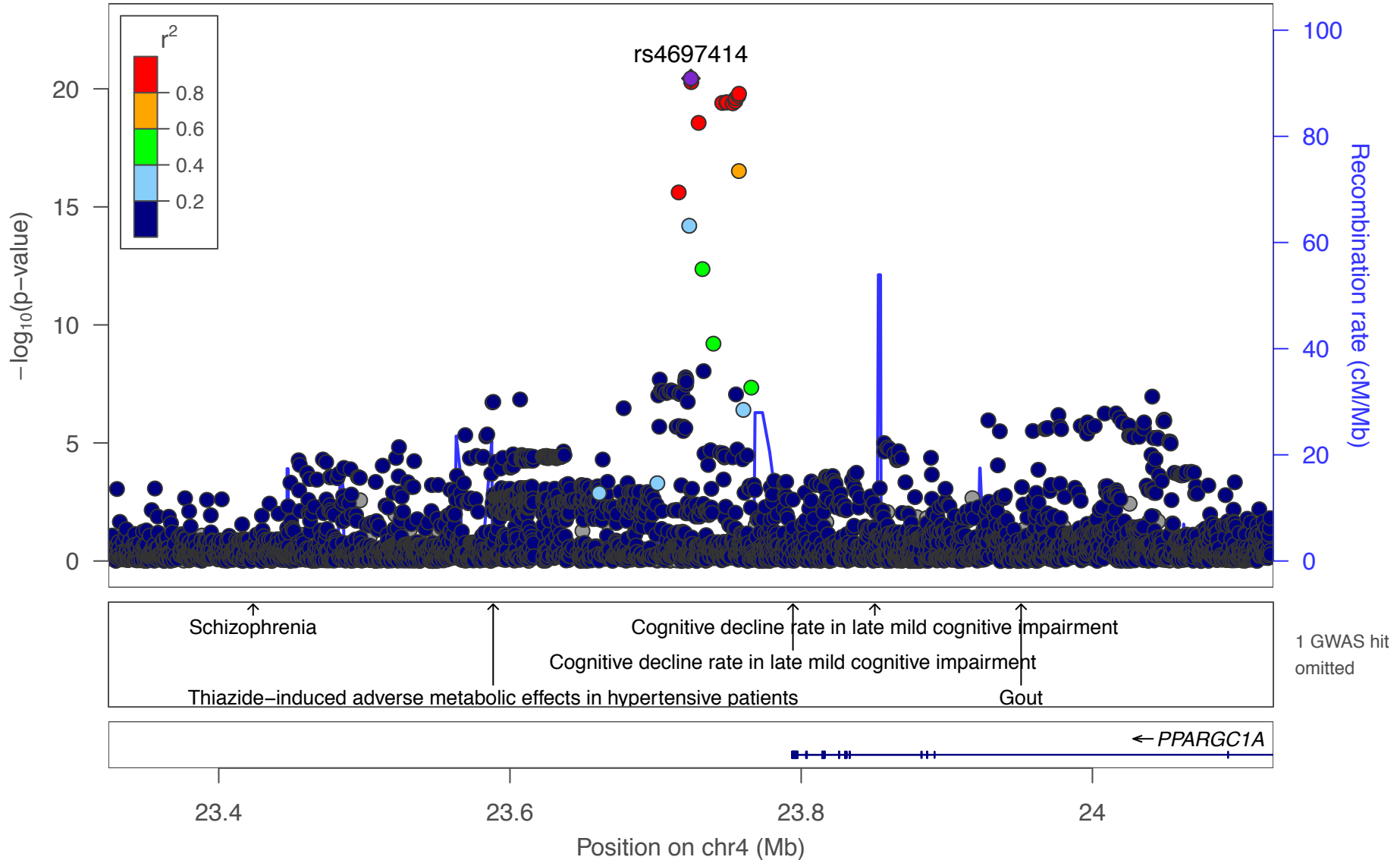
max P.value: 9.99E–1 [chr3:147143227]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
3	146.8167	Functional impairment in major depressive disorder, bipolar disorder and schizophrenia	rs4681346
3	146.9291	Adult asthma	rs78558203
3	146.9475	Post bronchodilator FEV1	rs189504960
3	147.3856	Daytime sleep phenotypes	rs2319326
3	147.4164	Daytime sleep phenotypes	rs73151930

TBSS_FA_Superior_cerebellar_peduncle_R



date: Thu Aug 17 18:08:11 2017

build: hg19

display range: chr4:23324255–24124255 [23324255–24124255]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724255

number of SNPs plotted: 4219

min P.value: 3.62E–21 [chr4:23724255]

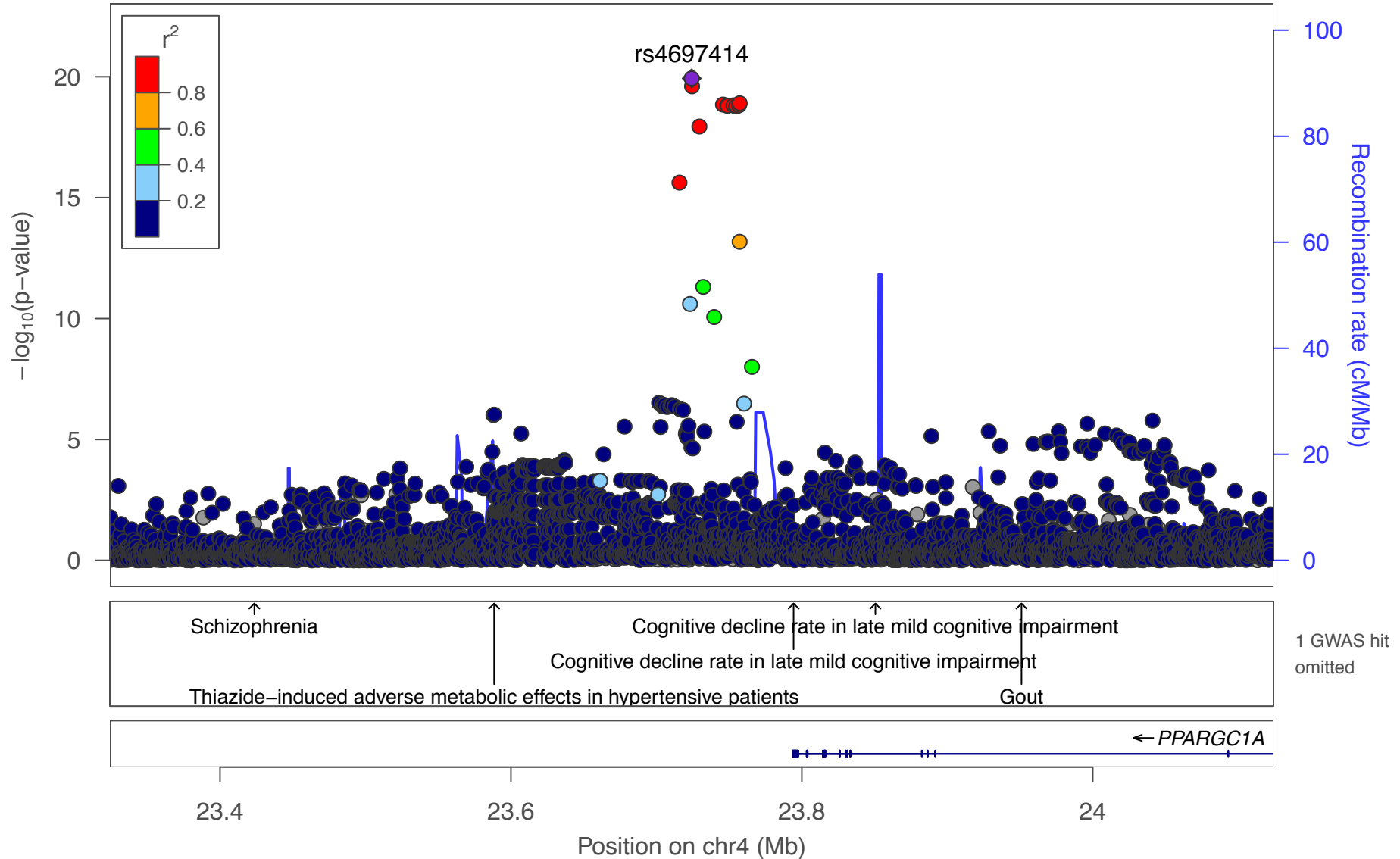
max P.value: 10E–1 [chr4:23936858]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

TBSS_FA_Superior_cerebellar_peduncle_L



date: Thu Aug 17 18:08:11 2017

build: hg19

display range: chr4:23324255–24124255 [23324255–24124255]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724255

number of SNPs plotted: 4219

min P.value: 1.16E–20 [chr4:23724255]

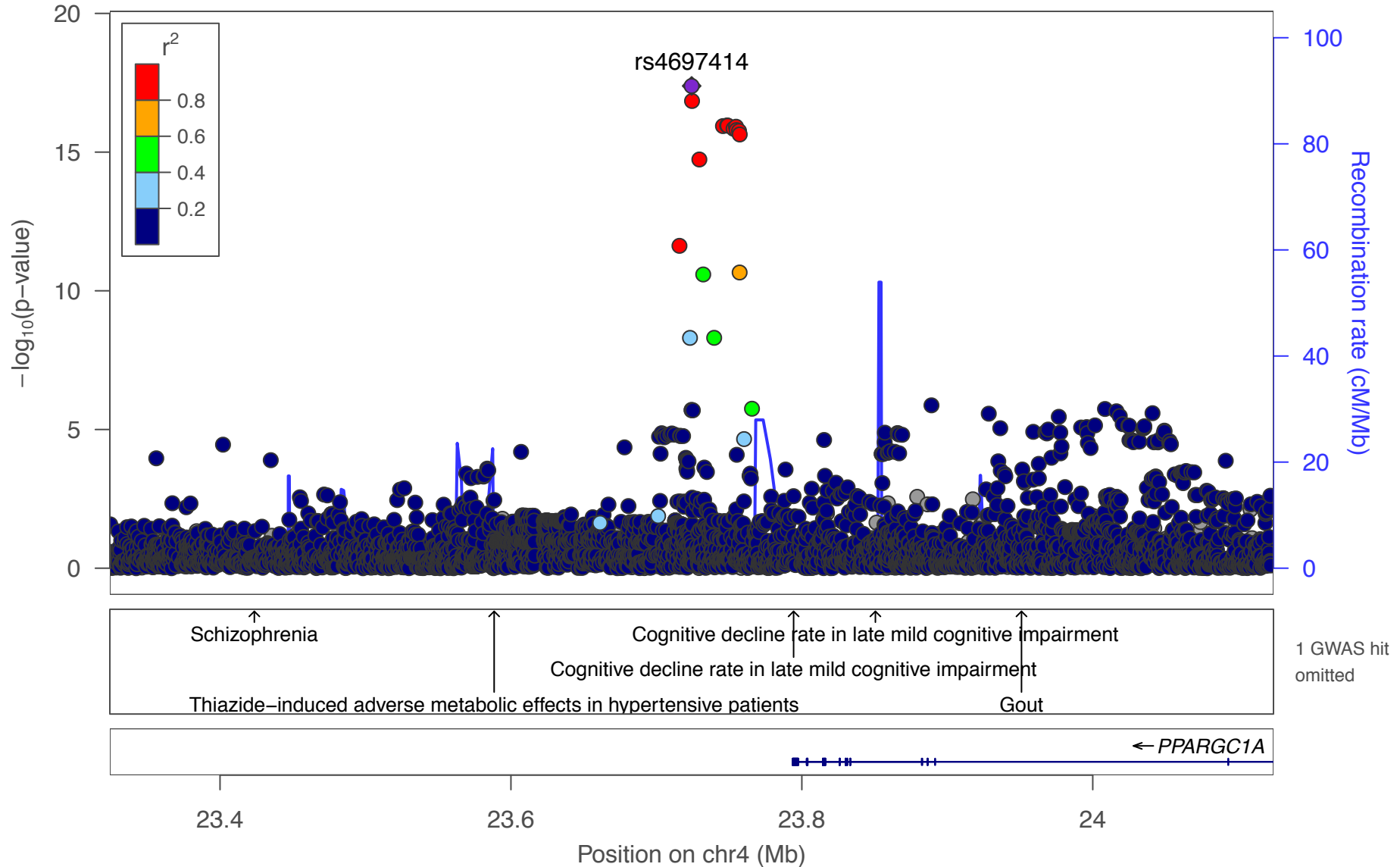
max P.value: 10E–1 [chr4:23475489]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

TBSS_ICVF_Superior_cerebellar_peduncle_R



date: Thu Aug 17 18:08:11 2017

build: hg19

display range: chr4:23324255–24124255 [23324255–24124255]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724255

number of SNPs plotted: 4219

min P.value: 4.12E–18 [chr4:23724255]

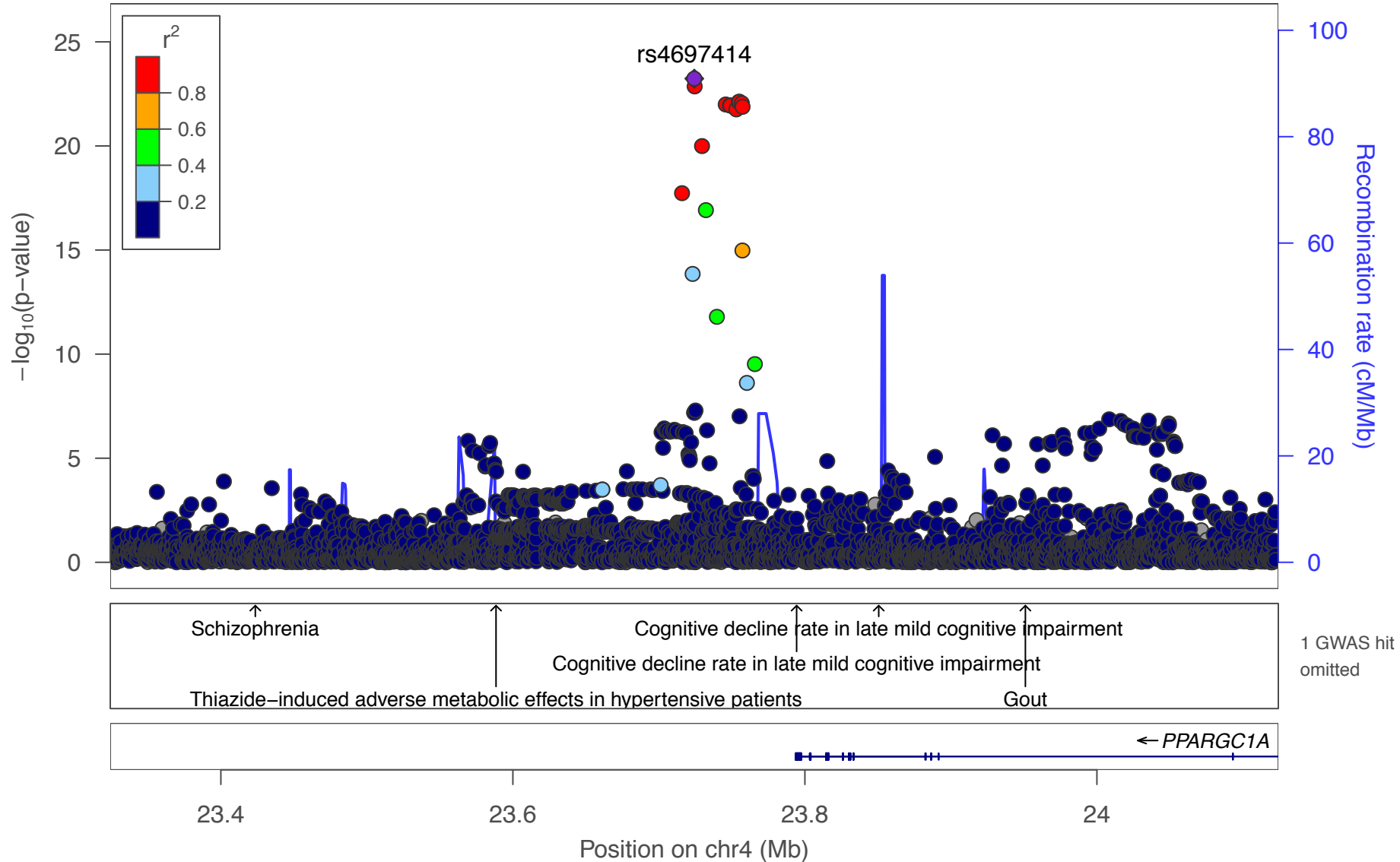
max P.value: 10E–1 [chr4:23551534]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

TBSS_ICVF_Superior_cerebellar_peduncle_L



date: Thu Aug 17 18:08:11 2017

build: hg19

display range: chr4:23324255–24124255 [23324255–24124255]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724255

number of SNPs plotted: 4219

min P.value: 5.83E–24 [chr4:23724255]

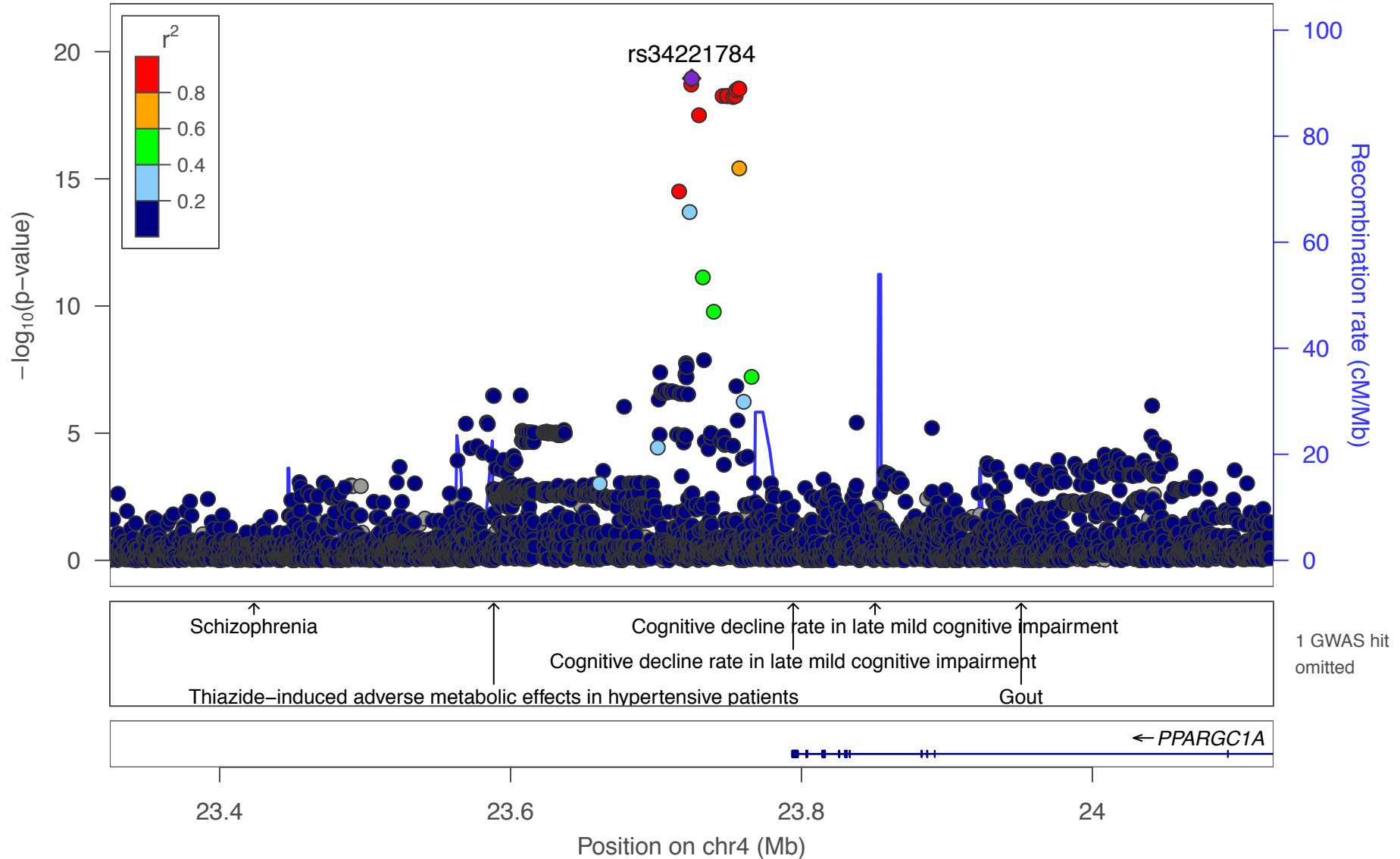
max P.value: 10E–1 [chr4:23483330]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

TBSS_L2_Superior_cerebellar_peduncle_R



date: Thu Aug 17 18:08:11 2017

build: hg19

display range: chr4:23324518–24124518 [23324518–24124518]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724518

number of SNPs plotted: 4218

min P.value: 1.12E–19 [chr4:23724518]

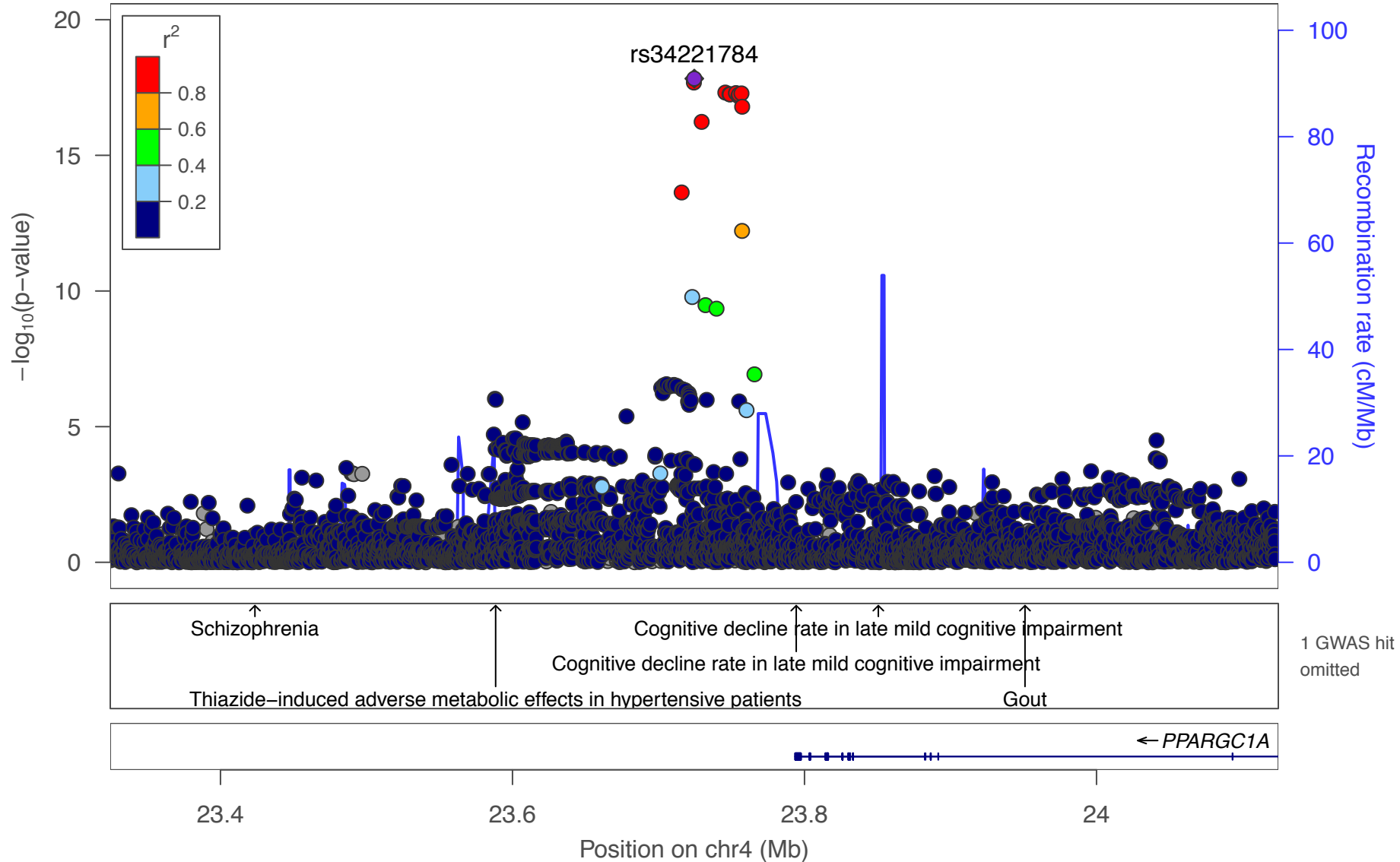
max P.value: 10E–1 [chr4:23342785]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

TBSS_L2_Superior_cerebellar_peduncle_L



date: Thu Aug 17 18:08:12 2017

build: hg19

display range: chr4:23324518–24124518 [23324518–24124518]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724518

number of SNPs plotted: 4218

min P.value: 1.49E–18 [chr4:23724518]

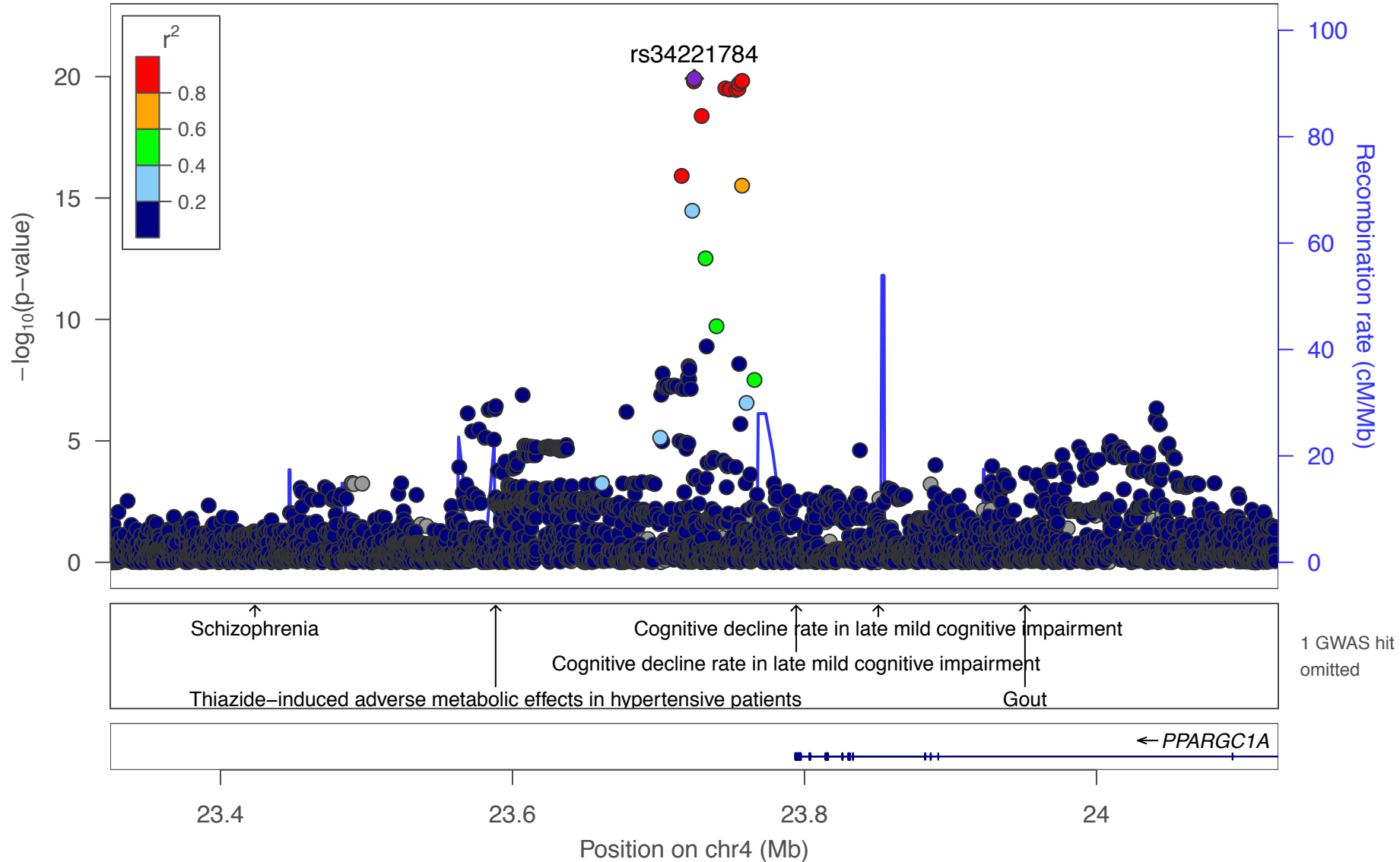
max P.value: 10E–1 [chr4:23878838]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

TBSS_L3_Superior_cerebellar_peduncle_R



date: Thu Aug 17 18:08:12 2017

build: hg19

display range: chr4:23324518–24124518 [23324518–24124518]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724518

number of SNPs plotted: 4218

min P.value: 1.21E–20 [chr4:23724518]

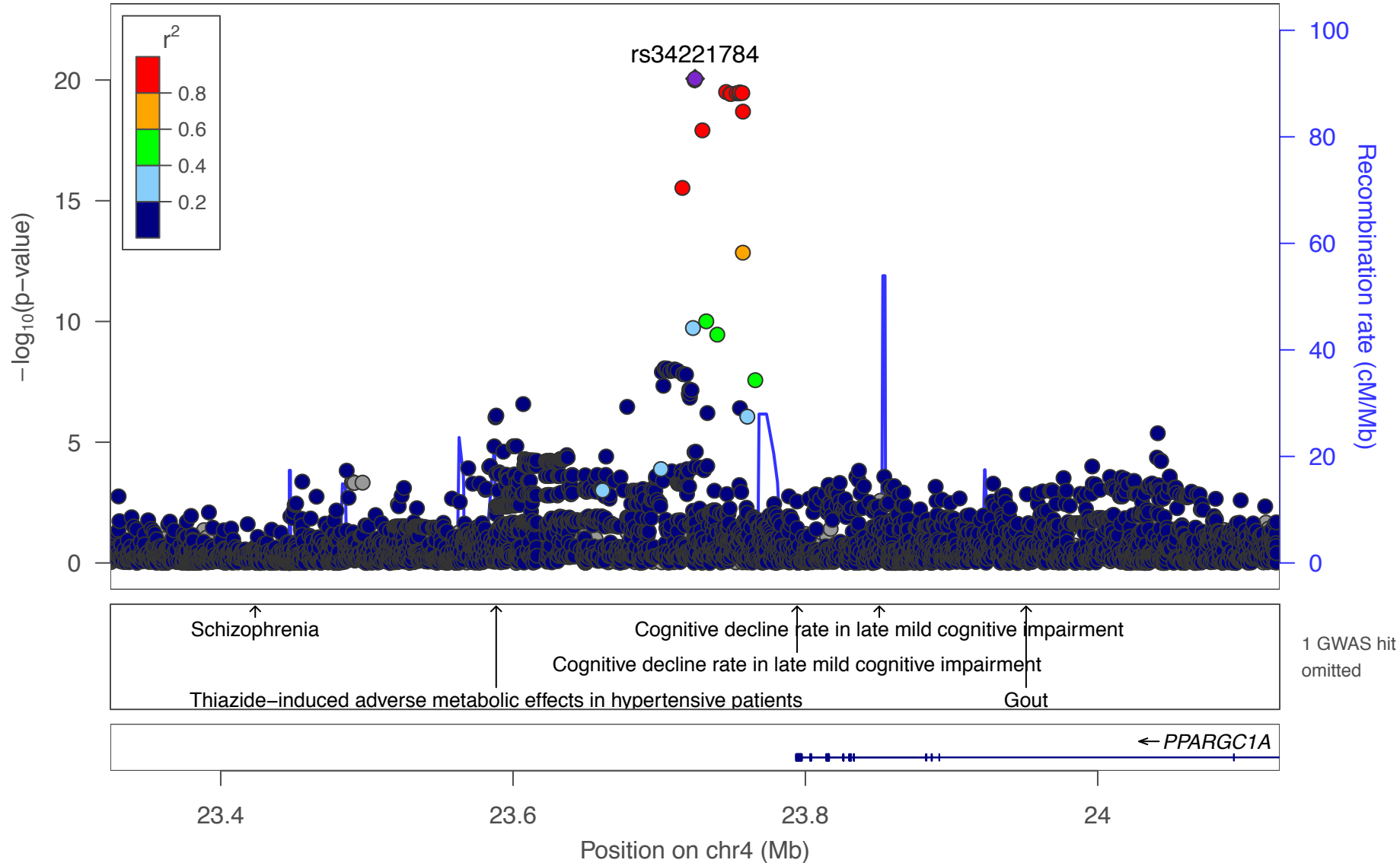
max P.value: 10E–1 [chr4:23326313]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

TBSS_L3_Superior_cerebellar_peduncle_L



date: Thu Aug 17 18:08:12 2017

build: hg19

display range: chr4:23324518–24124518 [23324518–24124518]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:23724518

number of SNPs plotted: 4218

min P.value: 8.83E–21 [chr4:23724518]

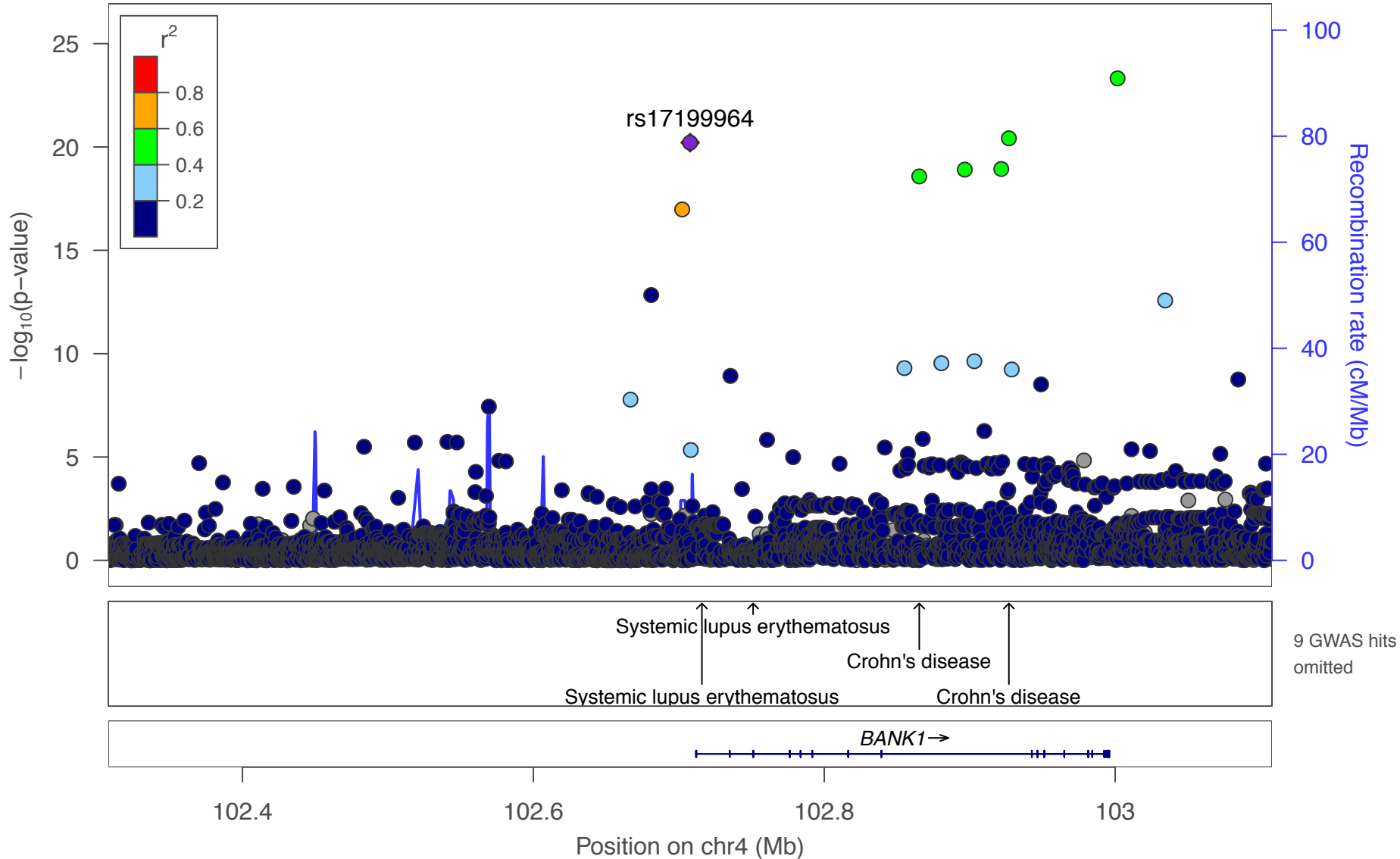
max P.value: 9.99E–1 [chr4:23515759]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	23.42360	Schizophrenia	rs215411
4	23.58846	Thiazide-induced adverse metabolic effects in hypertensive patients	rs1511453
4	23.79434	Cognitive decline rate in late mild cognitive impairment	rs41359445
4	23.85057	Cognitive decline rate in late mild cognitive impairment	rs188794202
4	23.95102	Gout	rs12501032
4	23.95102	Resting heart rate	rs12501032

FAST_ROIs_L_putamen



date: Thu Aug 17 18:09:36 2017

build: hg19

display range: chr4:102307791–103107791 [102307791–103107791]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:102707791

number of SNPs plotted: 3927

min P.value: 4.78E–24 [chr4:103001649]

max P.value: 10E–1 [chr4:102430974]

omitted GWAS Hits: chr4:102.926923–Crohn's disease, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

C-reactive protein and white blood cell count

Acute urticaria and angioedema (non-steroidal anti-inflammatory drug-induced)

Blood pressure

Autism spectrum disorder, attention deficit-hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

Systemic lupus erythematosus

Systemic lupus erythematosus

Chronic lymphocytic leukemia

Systemic lupus erythematosus

Schizophrenia

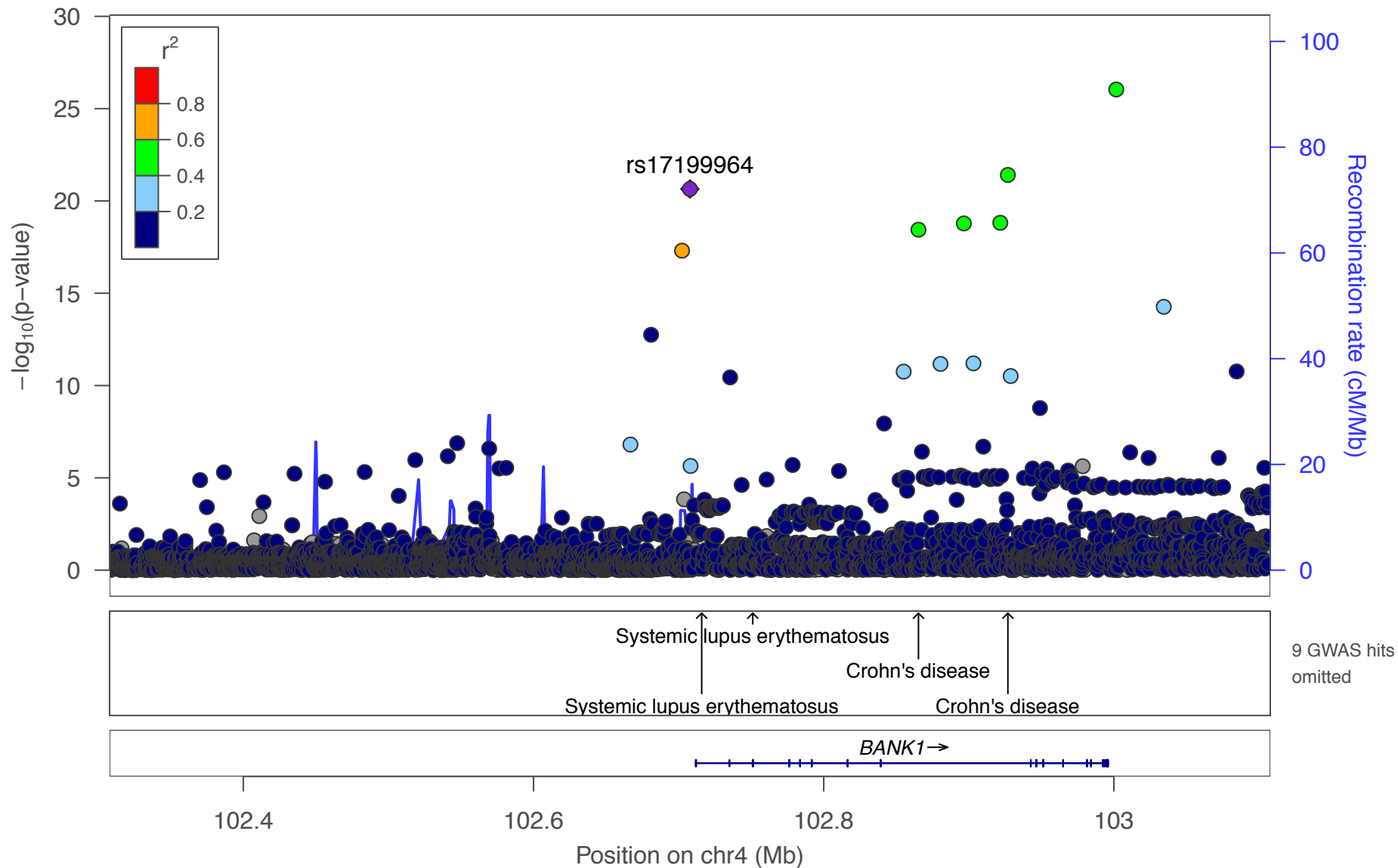
Crohn's disease

Inflammatory bowel disease

Crohn's disease

Alzheimer disease and age of onset

FAST_ROIs_R_putamen



date: Thu Aug 17 18:09:36 2017

build: hg19

display range: chr4:102307791–103107791 [102307791–103107791]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:102707791

number of SNPs plotted: 3927

min P.value: 9.16E–27 [chr4:103001649]

max P.value: 10E–1 [chr4:102530982]

omitted GWAS Hits: chr4:102.926923–Crohn's disease, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

C-reactive protein and white blood cell count

Acute urticaria and angioedema (non-steroidal anti-inflammatory drug-induced)

Blood pressure

Autism spectrum disorder, attention deficit-hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

Systemic lupus erythematosus

Systemic lupus erythematosus

Chronic lymphocytic leukemia

Systemic lupus erythematosus

Schizophrenia

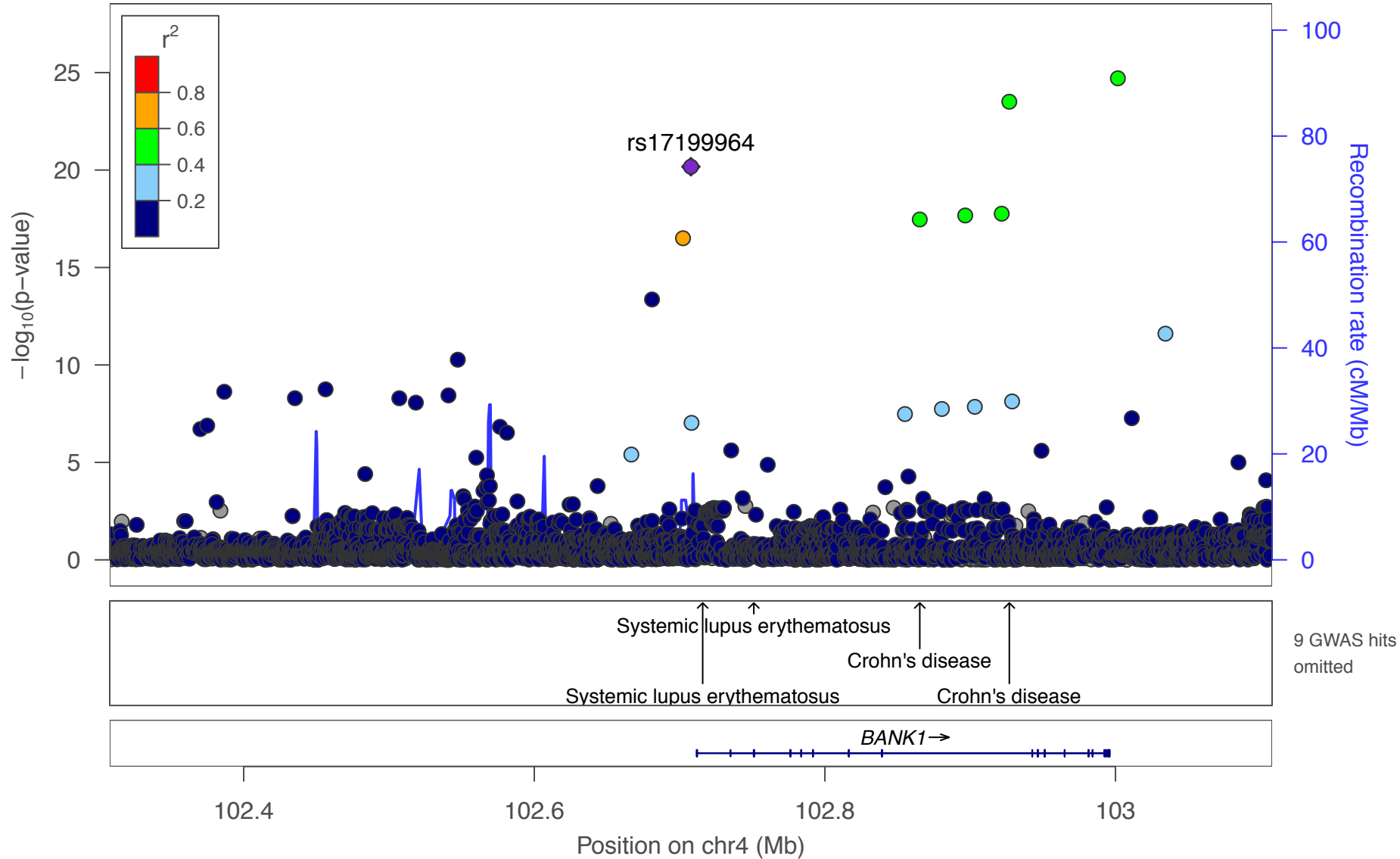
Crohn's disease

Inflammatory bowel disease

Crohn's disease

Alzheimer disease and age of onset

FAST_ROIs_L_ventral_striatum



date: Thu Aug 17 18:09:36 2017

build: hg19

display range: chr4:102307791–103107791 [102307791–103107791]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:102707791

number of SNPs plotted: 3927

min P.value: 1.95E–25 [chr4:103001649]

max P.value: 9.99E–1 [chr4:103023170]

omitted GWAS Hits: chr4:102.926923–Crohn's disease, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

C-reactive protein and white blood cell count

Acute urticaria and angioedema (non-steroidal anti-inflammatory drug-induced)

Blood pressure

Autism spectrum disorder, attention deficit-hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

Systemic lupus erythematosus

Systemic lupus erythematosus

Chronic lymphocytic leukemia

Systemic lupus erythematosus

Schizophrenia

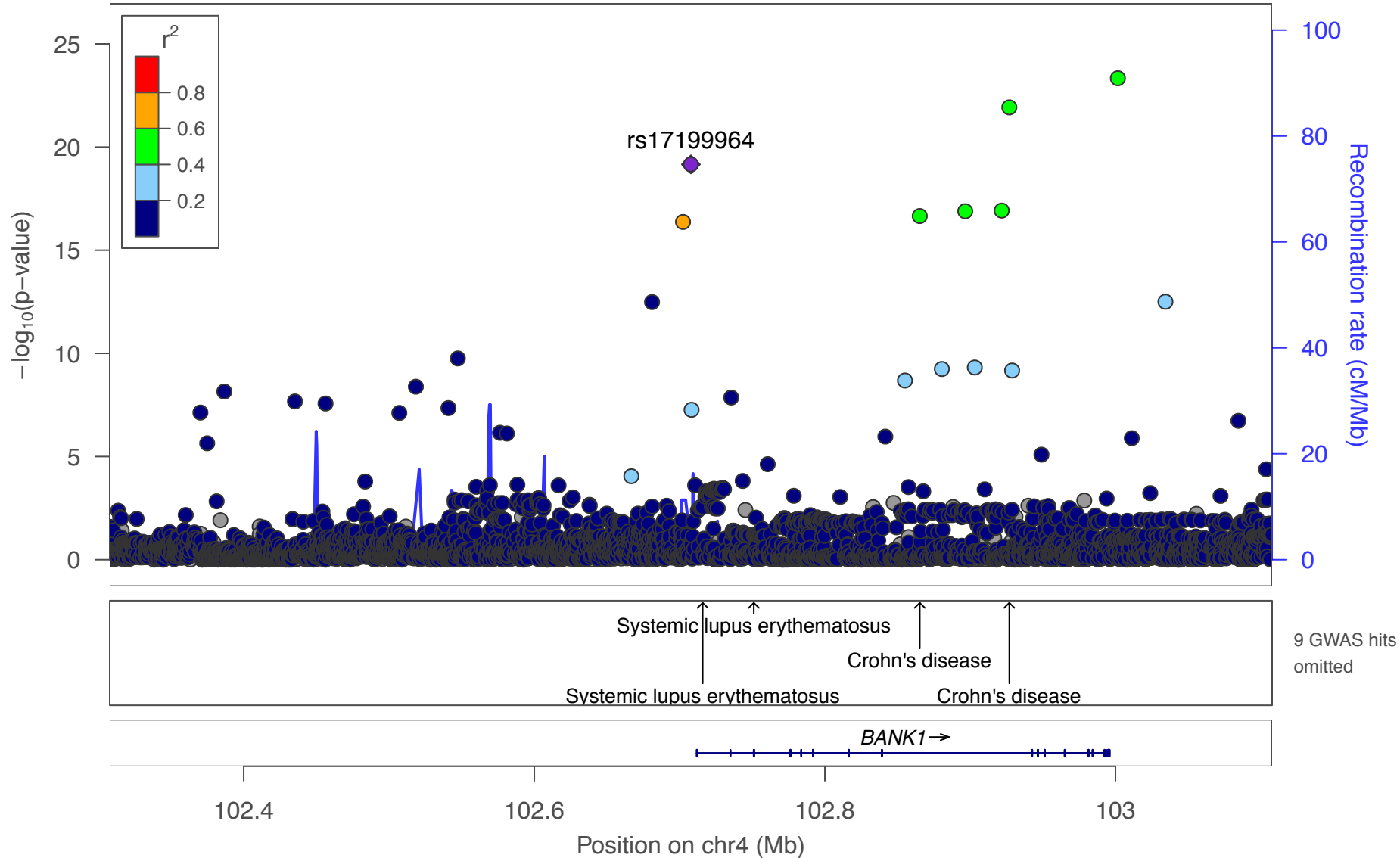
Crohn's disease

Inflammatory bowel disease

Crohn's disease

Alzheimer disease and age of onset

FAST_ROIs_R_ventral_striatum



date: Thu Aug 17 18:09:36 2017

build: hg19

display range: chr4:102307791–103107791 [102307791–103107791]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:102707791

number of SNPs plotted: 3927

min P.value: 4.62E–24 [chr4:103001649]

max P.value: 9.99E–1 [chr4:102412860]

omitted GWAS Hits: chr4:102.926923–Crohn's disease, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

C-reactive protein and white blood cell count

Acute urticaria and angioedema (non-steroidal anti-inflammatory drug-induced)

Blood pressure

Autism spectrum disorder, attention deficit-hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

Systemic lupus erythematosus

Systemic lupus erythematosus

Chronic lymphocytic leukemia

Systemic lupus erythematosus

Schizophrenia

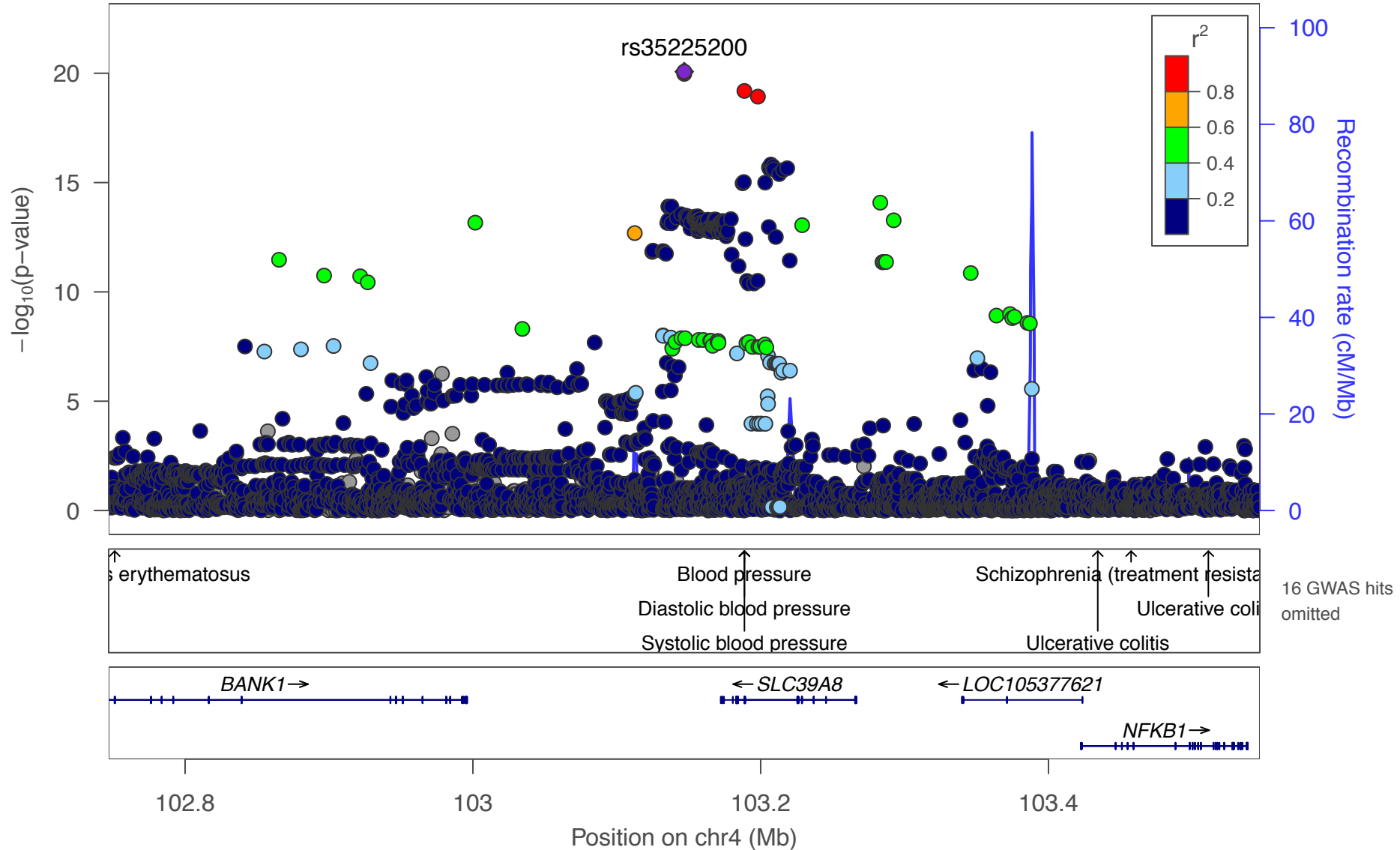
Crohn's disease

Inflammatory bowel disease

Crohn's disease

Alzheimer disease and age of onset

SWI_T2star_left_pallidum



date: Thu Aug 17 18:09:15 2017

build: hg19

display range: chr4:102746888–103546888 [102746888–103546888]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103146888

number of SNPs plotted: 3536

min P.value: 8.41E–21 [chr4:103146888]

max P.value: 10E–1 [chr4:103285398]

omitted GWAS Hits: chr4:103.457418–Schizophrenia (treatment resistant), chr4:103.511114–Ulcerative colitis

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA

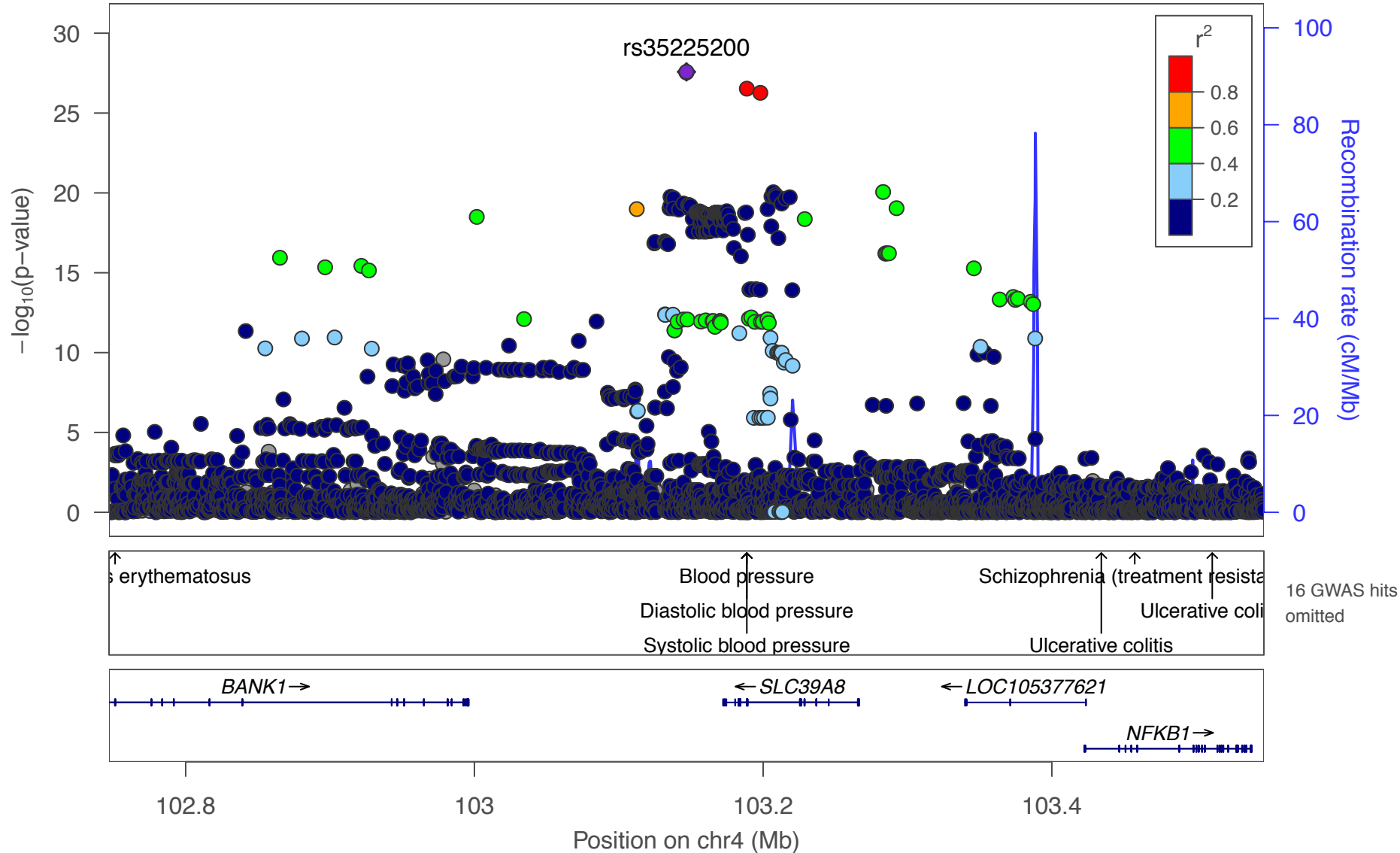
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.7511	Systemic lupus erythematosus	rs10516487
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.4574	Schizophrenia (treatment resistant)	rs230529
4	103.5111	Ulcerative colitis	rs3774959

SWI_T2star_left_pallidum_plus_right_pallidum



date: Thu Aug 17 18:09:15 2017

build: hg19

display range: chr4:102746888–103546888 [102746888–103546888]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103146888

number of SNPs plotted: 3536

min P.value: 2.64E–28 [chr4:103146888]

max P.value: 9.99E–1 [chr4:103280897]

omitted GWAS Hits: chr4:103.457418–Schizophrenia (treatment resistant), chr4:103.511114–Ulcerative colitis

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA

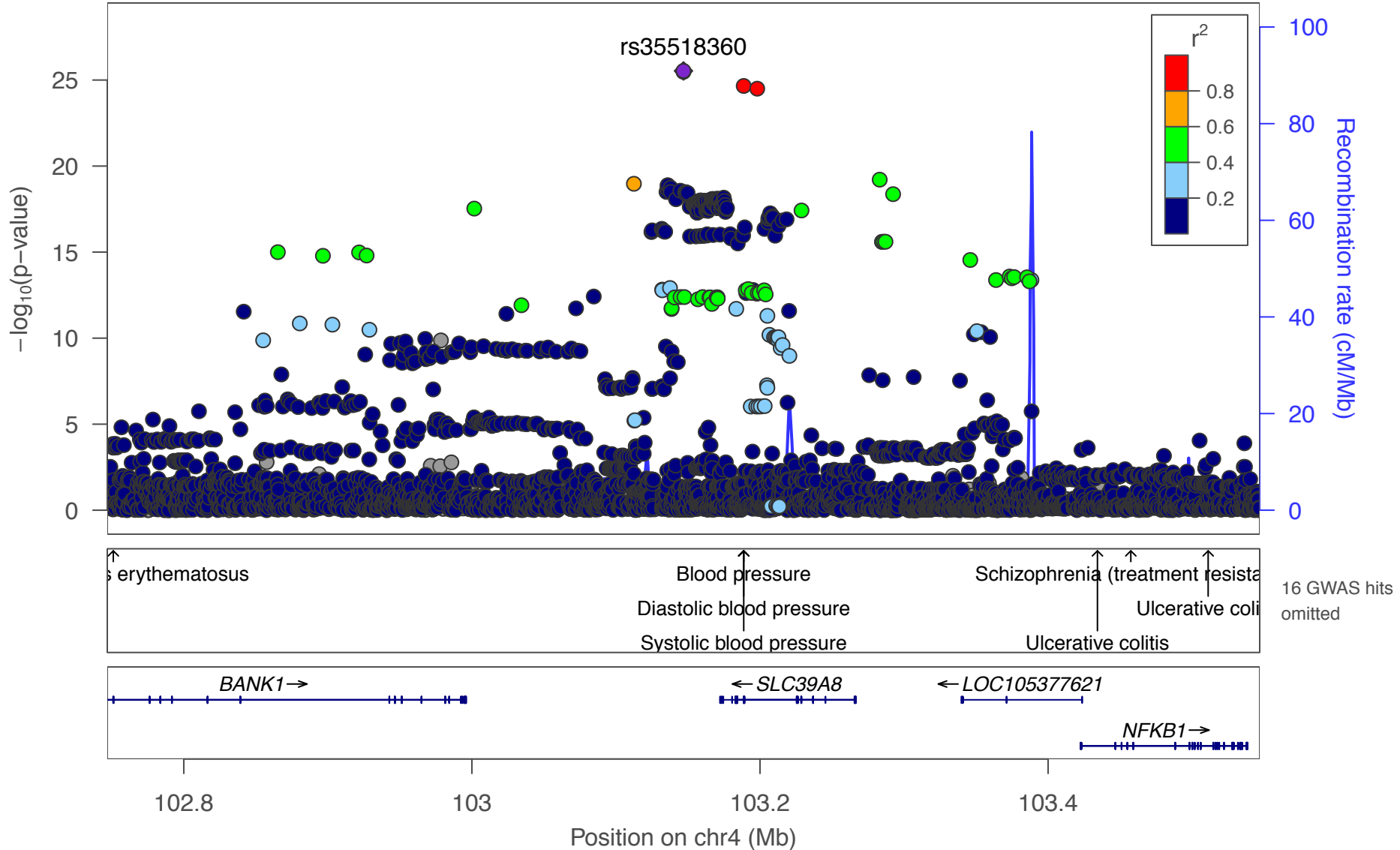
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.7511	Systemic lupus erythematosus	rs10516487
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.4574	Schizophrenia (treatment resistant)	rs230529
4	103.5111	Ulcerative colitis	rs3774959

SWI_T2star_right_pallidum



date: Thu Aug 17 18:09:15 2017

build: hg19

display range: chr4:102746890–103546890 [102746890–103546890]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103146890

number of SNPs plotted: 3536

min P.value: 2.96E–26 [chr4:103146890]

max P.value: 10E–1 [chr4:102941039]

omitted GWAS Hits: chr4:103.457418–Schizophrenia (treatment resistant), chr4:103.511114–Ulcerative colitis

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA

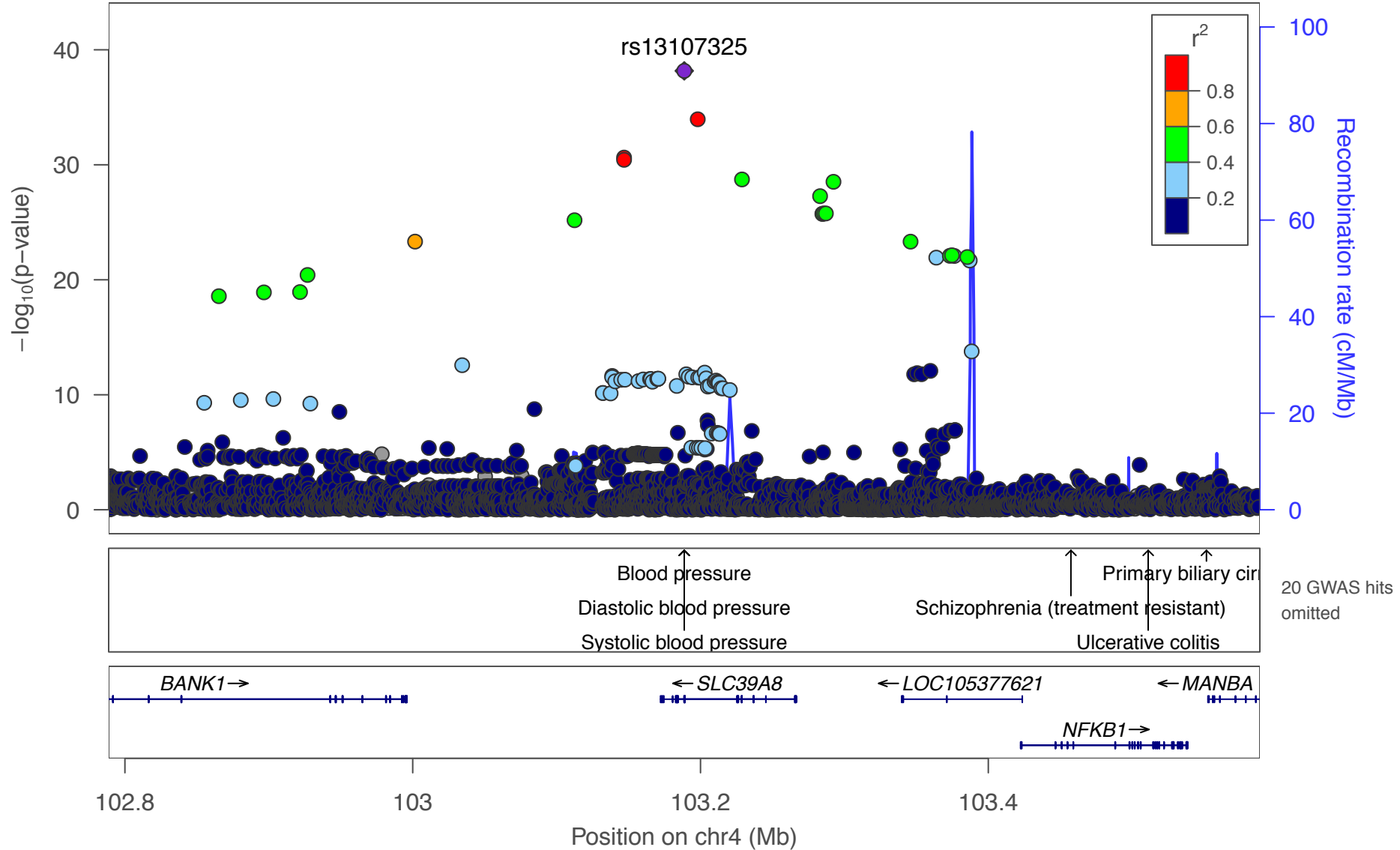
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.7511	Systemic lupus erythematosus	rs10516487
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.4574	Schizophrenia (treatment resistant)	rs230529
4	103.5111	Ulcerative colitis	rs3774959

FAST_ROIs_L_putamen



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 6.79E–39 [chr4:103188709]

max P.value: 9.96E–1 [chr4:103346519]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

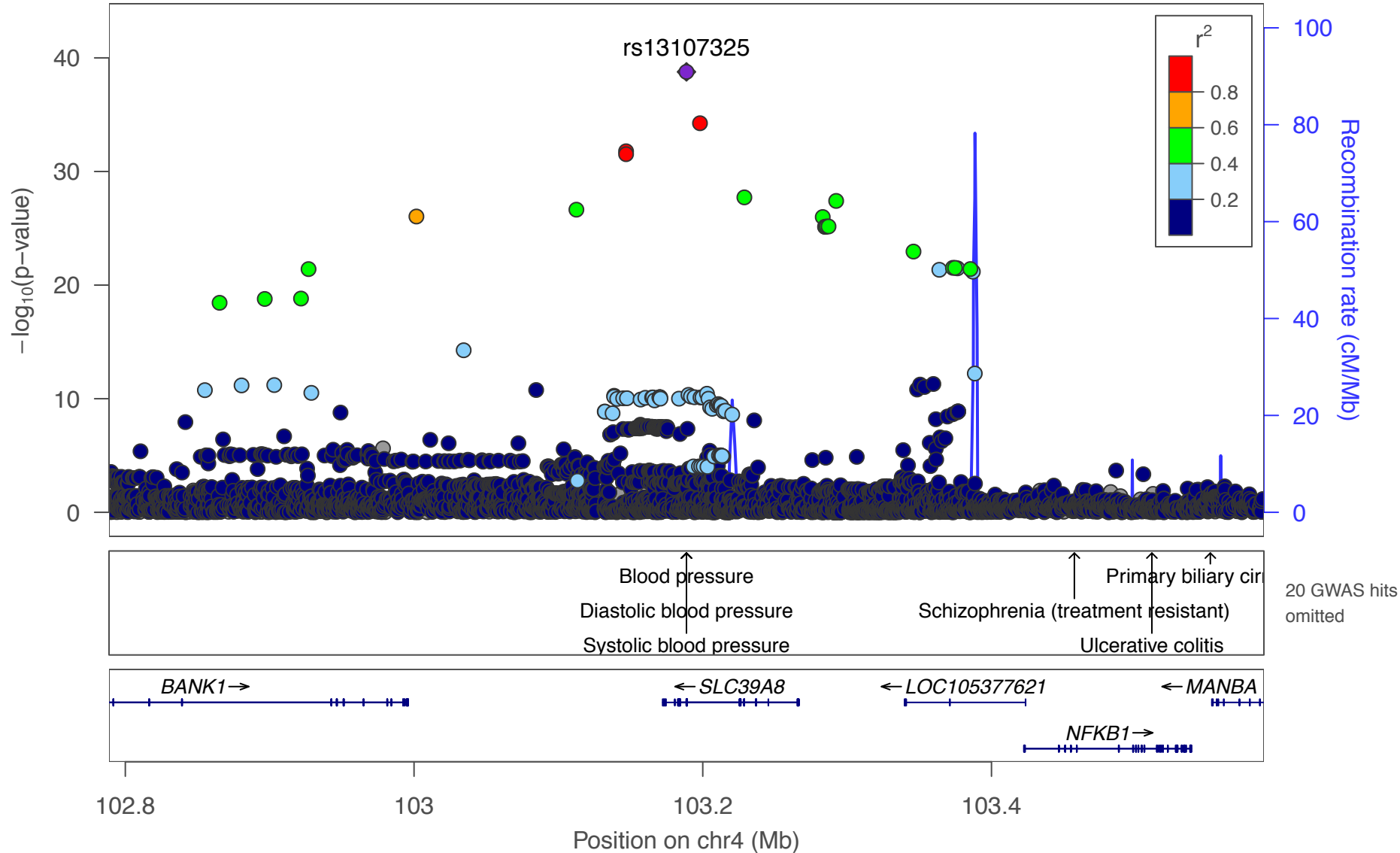
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_R_putamen



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 1.71E–39 [chr4:103188709]

max P.value: 10E–1 [chr4:103194366]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

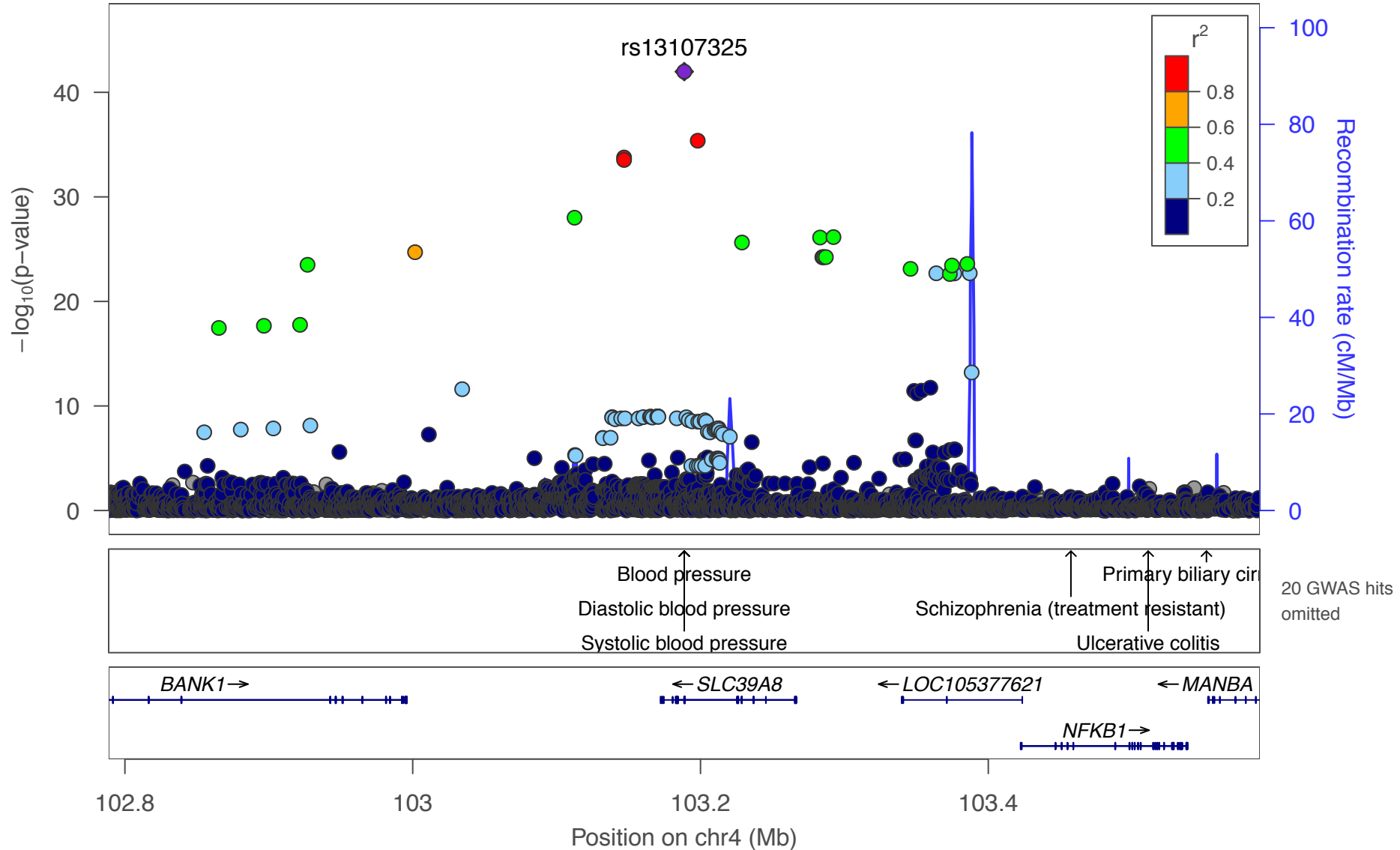
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_L_ventral_striatum



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 1.04E–42 [chr4:103188709]

max P.value: 9.99E–1 [chr4:103178948]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

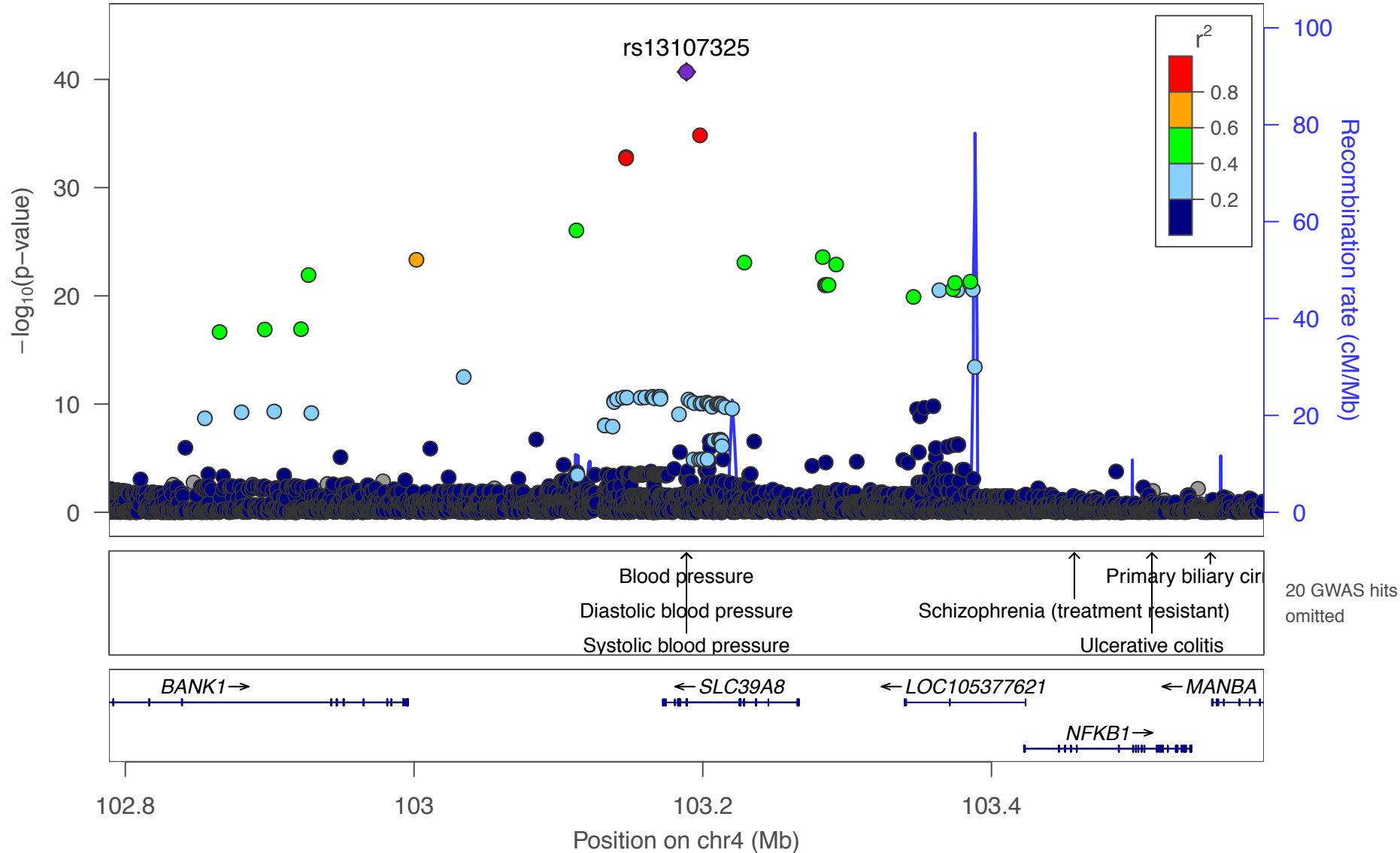
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_R_ventral_striatum



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 2.01E–41 [chr4:103188709]

max P.value: 9.99E–1 [chr4:103457585]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

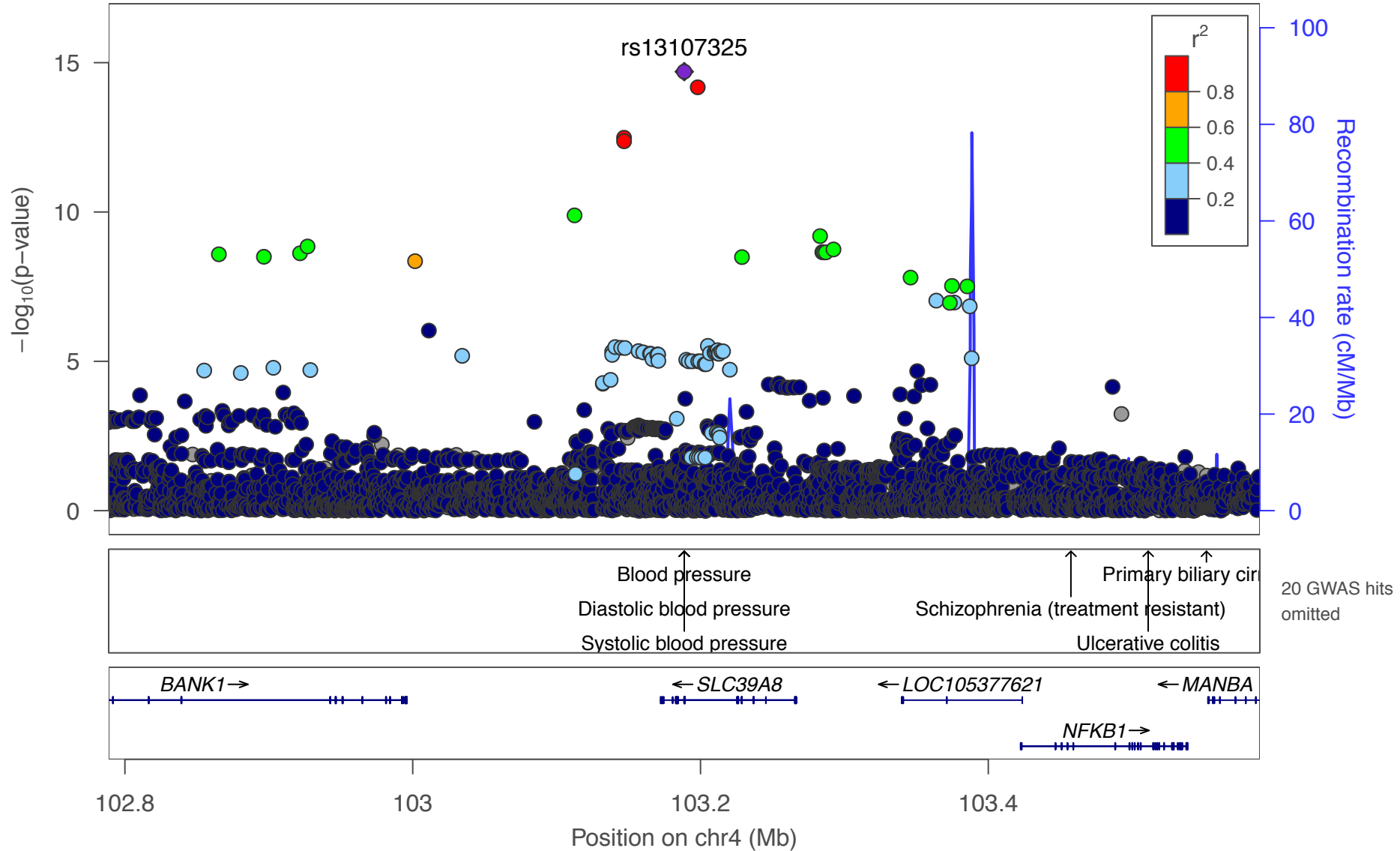
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_R_cerebellum_VIIIb



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 2E–15 [chr4:103188709]

max P.value: 9.99E–1 [chr4:103203467]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

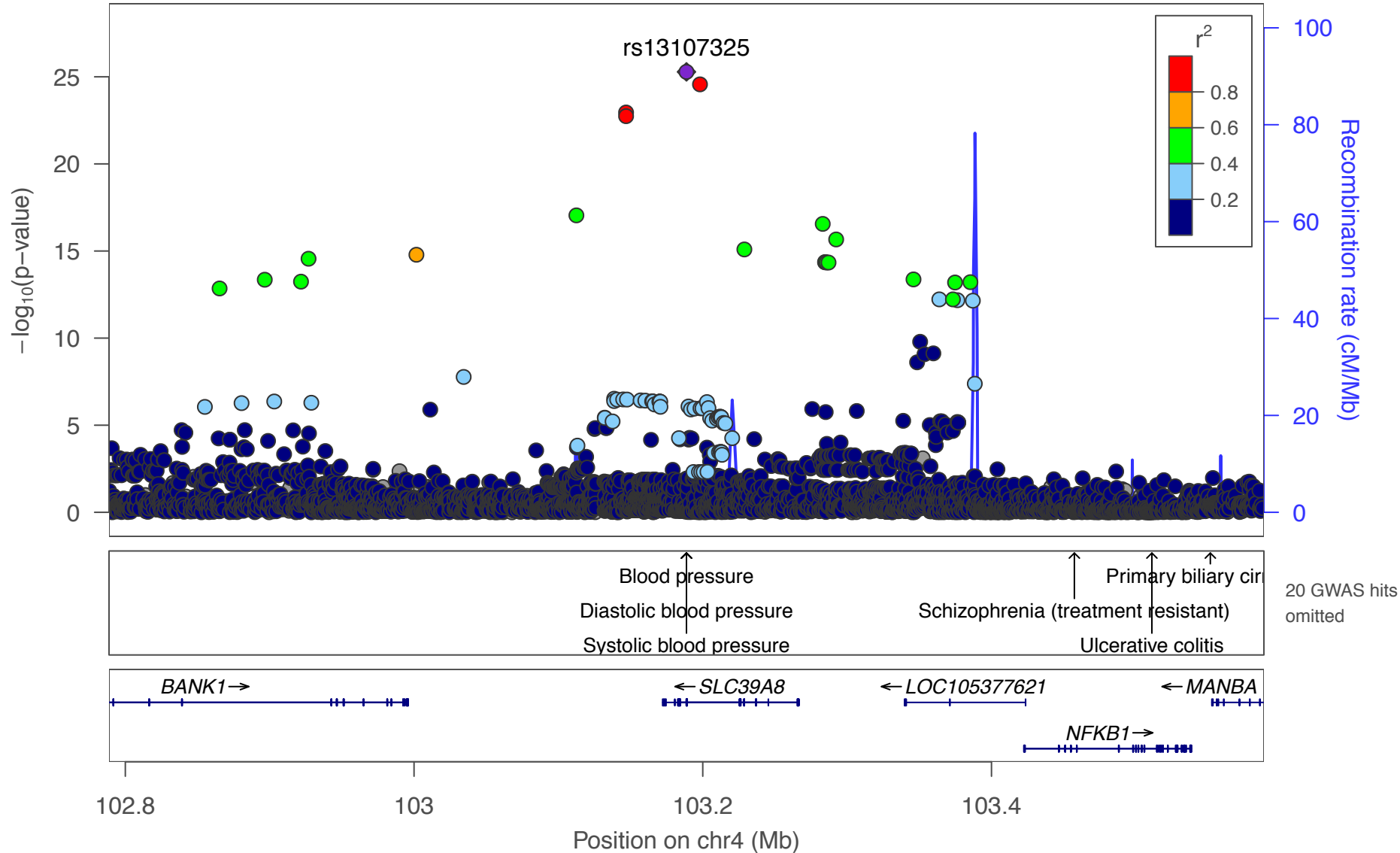
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_V_cerebellum_IX



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 5.21E–26 [chr4:103188709]

max P.value: 10E–1 [chr4:103507703]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

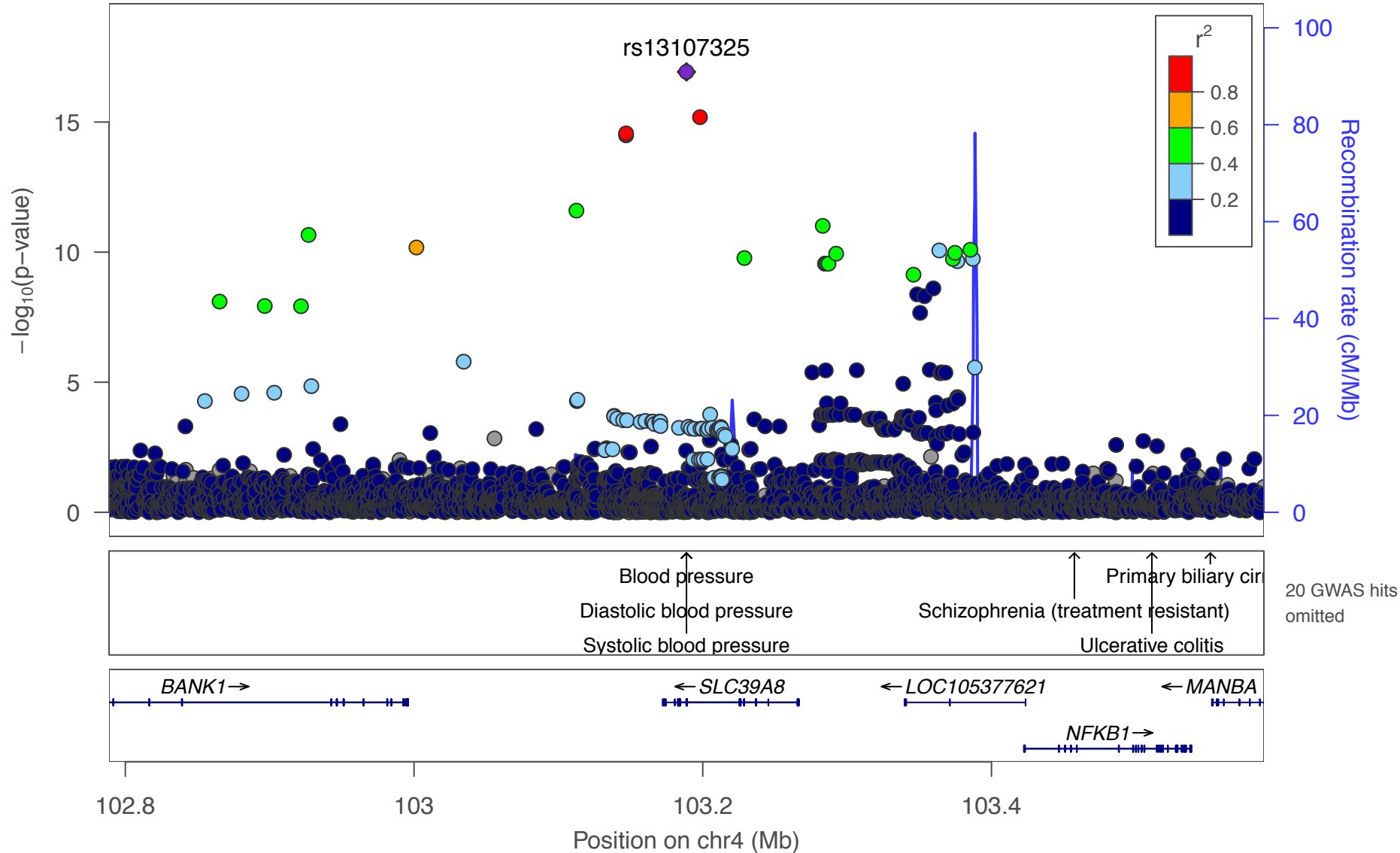
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_V_cerebellum_X



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 1.18E–17 [chr4:103188709]

max P.value: 9.99E–1 [chr4:103322301]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

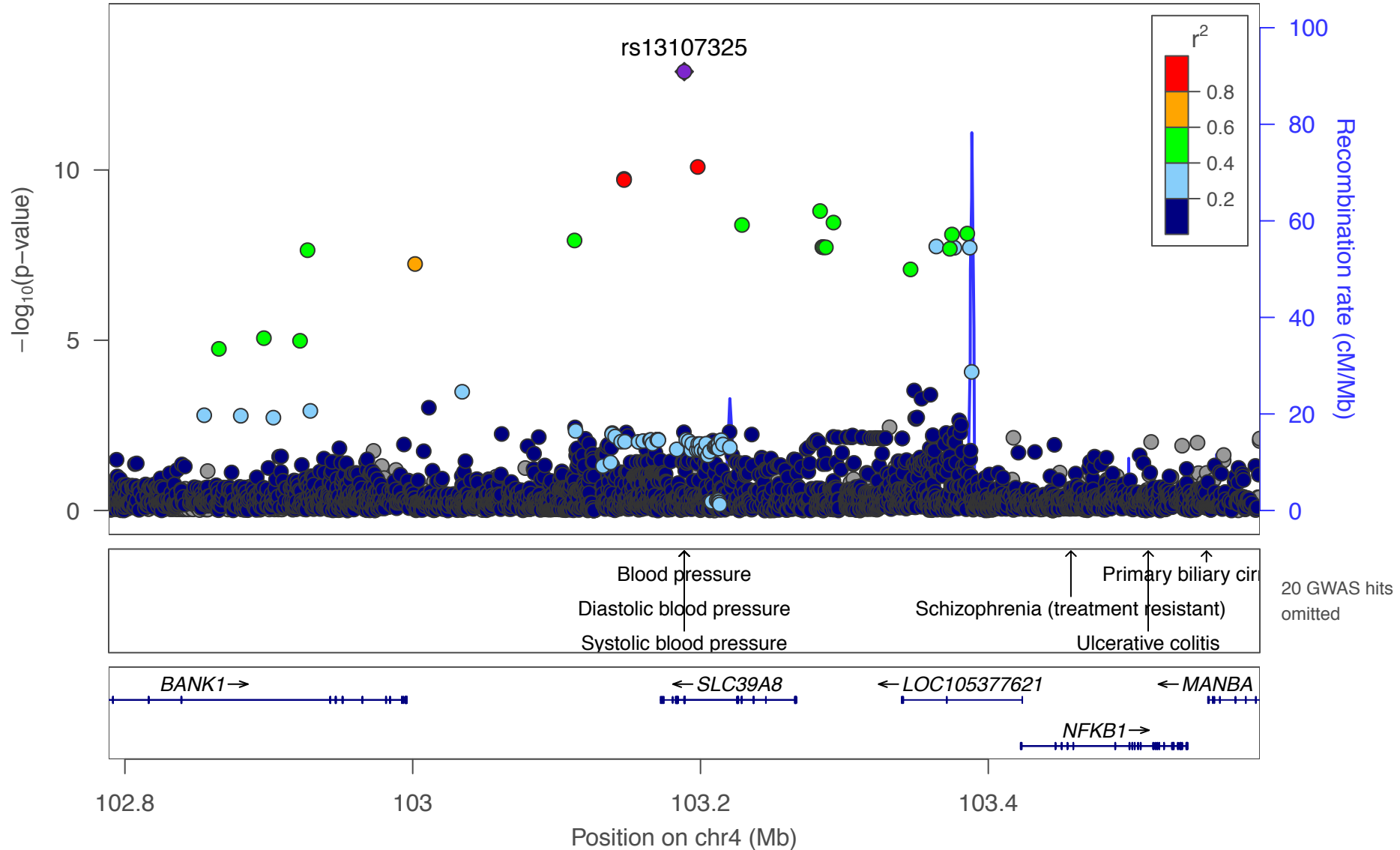
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

volume_Left-Accumbens-area



date: Thu Aug 17 18:01:59 2017

build: hg19

display range: chr4:102788709–103588709 [102788709–103588709]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103188709

number of SNPs plotted: 3534

min P.value: 1.29E–13 [chr4:103188709]

max P.value: 10E–1 [chr4:103244676]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

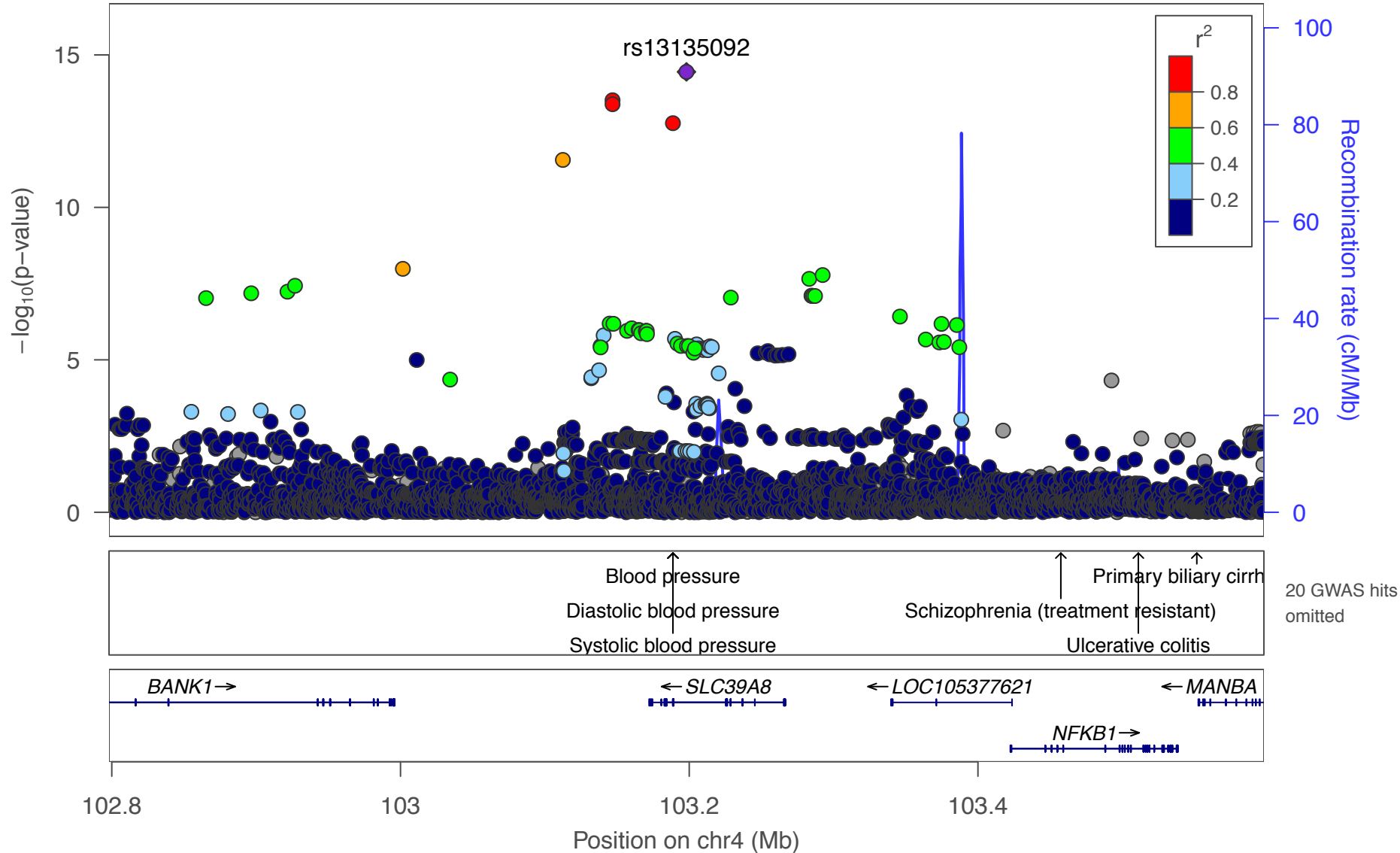
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_L_cerebellum_VIIIb



date: Thu Aug 17 18:02:44 2017

build: hg19

display range: chr4:102798082–103598082 [102798082–103598082]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103198082

number of SNPs plotted: 3541

min P.value: 3.61E–15 [chr4:103198082]

max P.value: 9.99E–1 [chr4:102907145]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

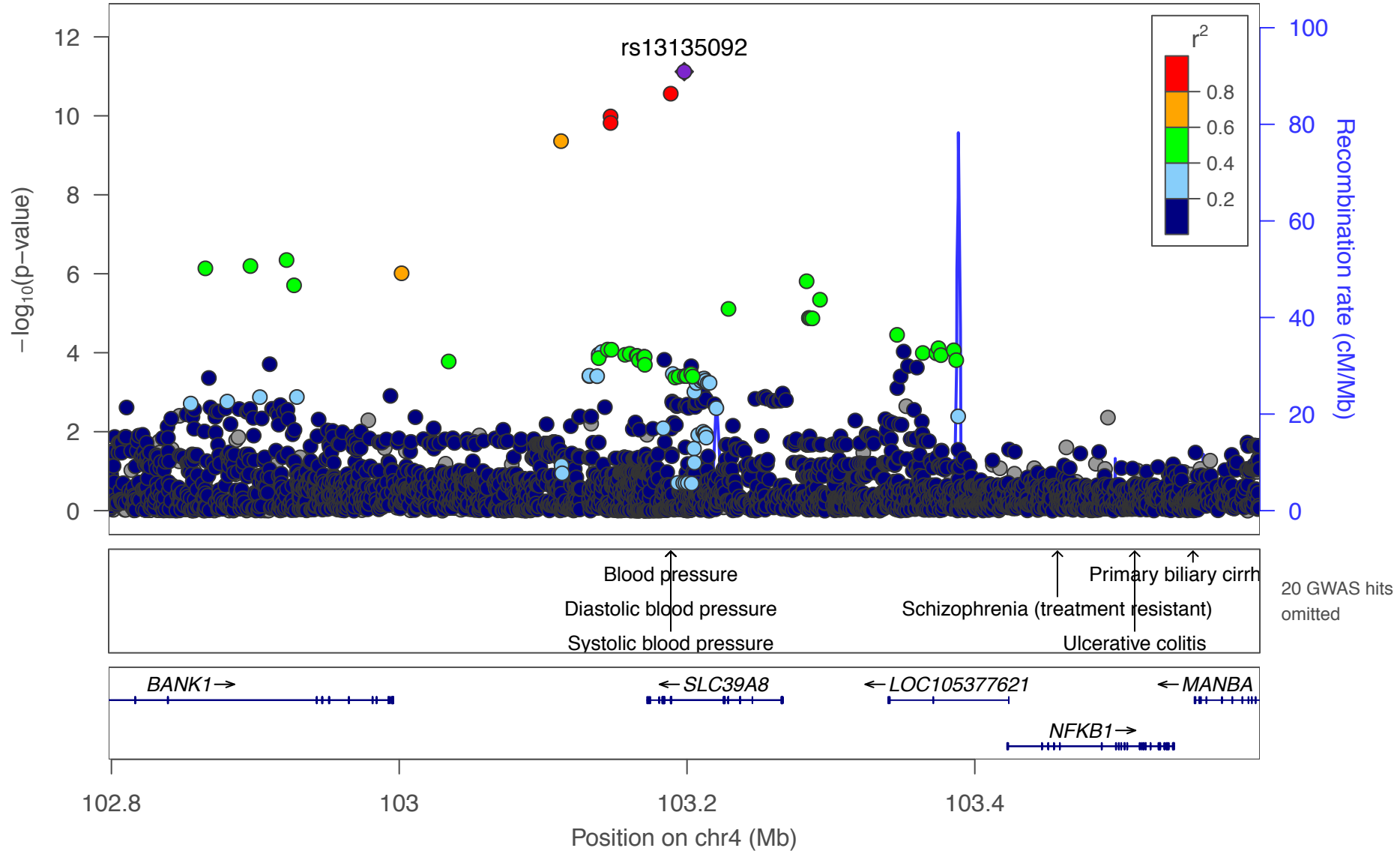
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_L_cerebellum_IX



date: Thu Aug 17 18:02:44 2017

build: hg19

display range: chr4:102798082–103598082 [102798082–103598082]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103198082

number of SNPs plotted: 3541

min P.value: 7.6E–12 [chr4:103198082]

max P.value: 10E–1 [chr4:103087990]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

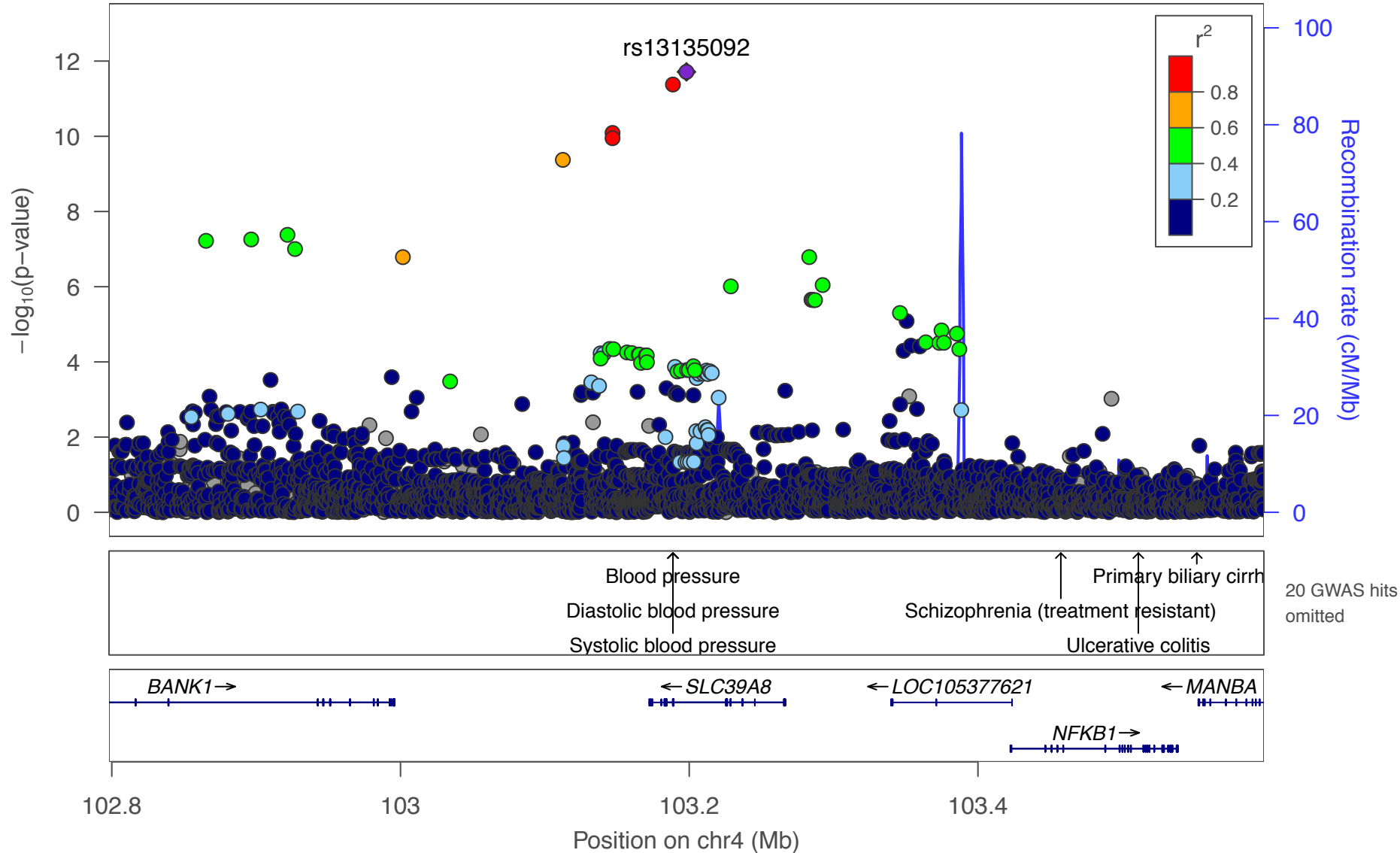
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

FAST_ROIs_R_cerebellum_IX



date: Thu Aug 17 18:09:02 2017

build: hg19

display range: chr4:102798082–103598082 [102798082–103598082]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103198082

number of SNPs plotted: 3541

min P.value: 1.94E–12 [chr4:103198082]

max P.value: 10E–1 [chr4:103070765]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

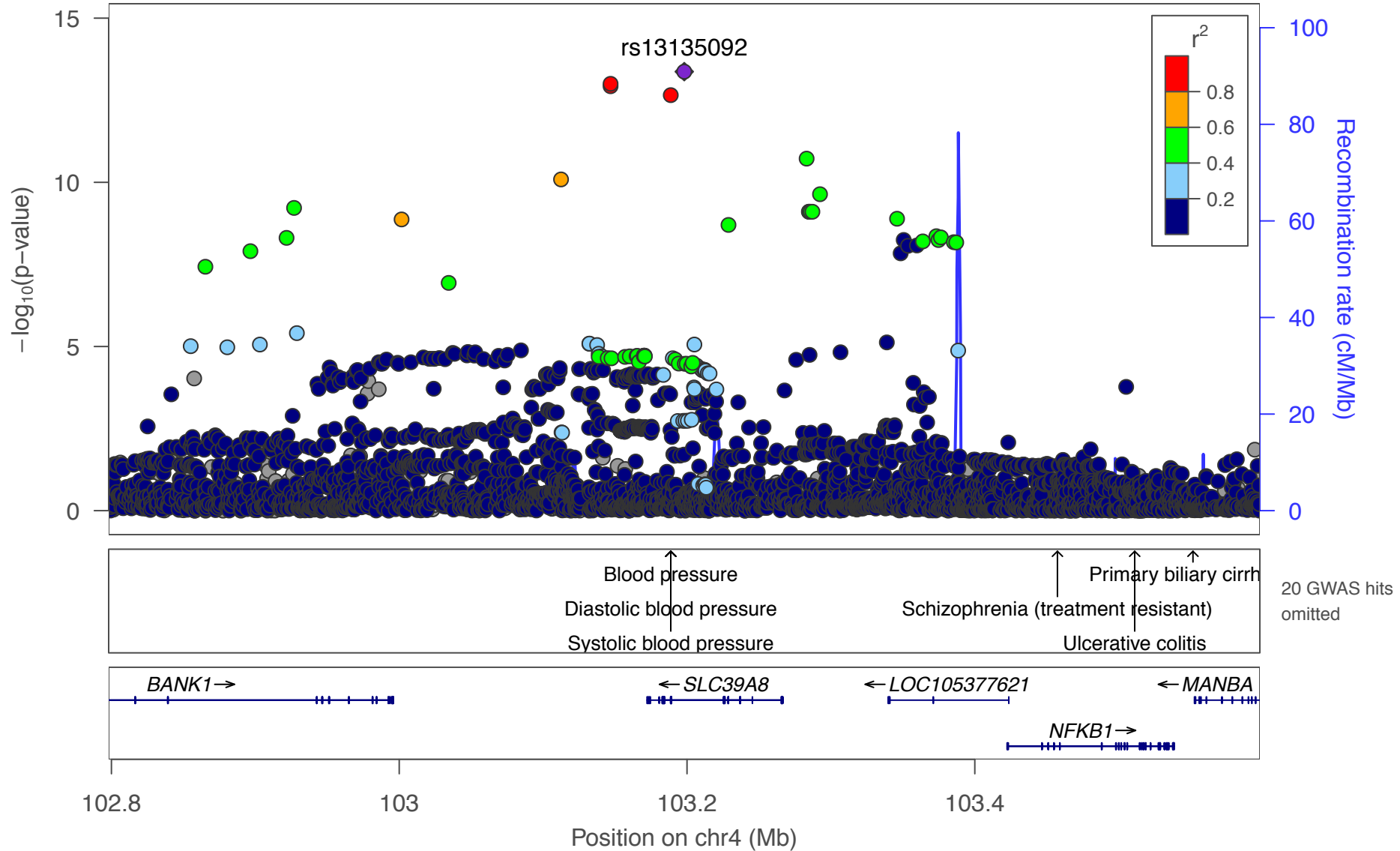
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

TBSS_ICVF_Cerebral_peduncle_R



date: Thu Aug 17 18:09:02 2017

build: hg19

display range: chr4:102798082–103598082 [102798082–103598082]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103198082

number of SNPs plotted: 3541

min P.value: 4.26E–14 [chr4:103198082]

max P.value: 10E–1 [chr4:102865446]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

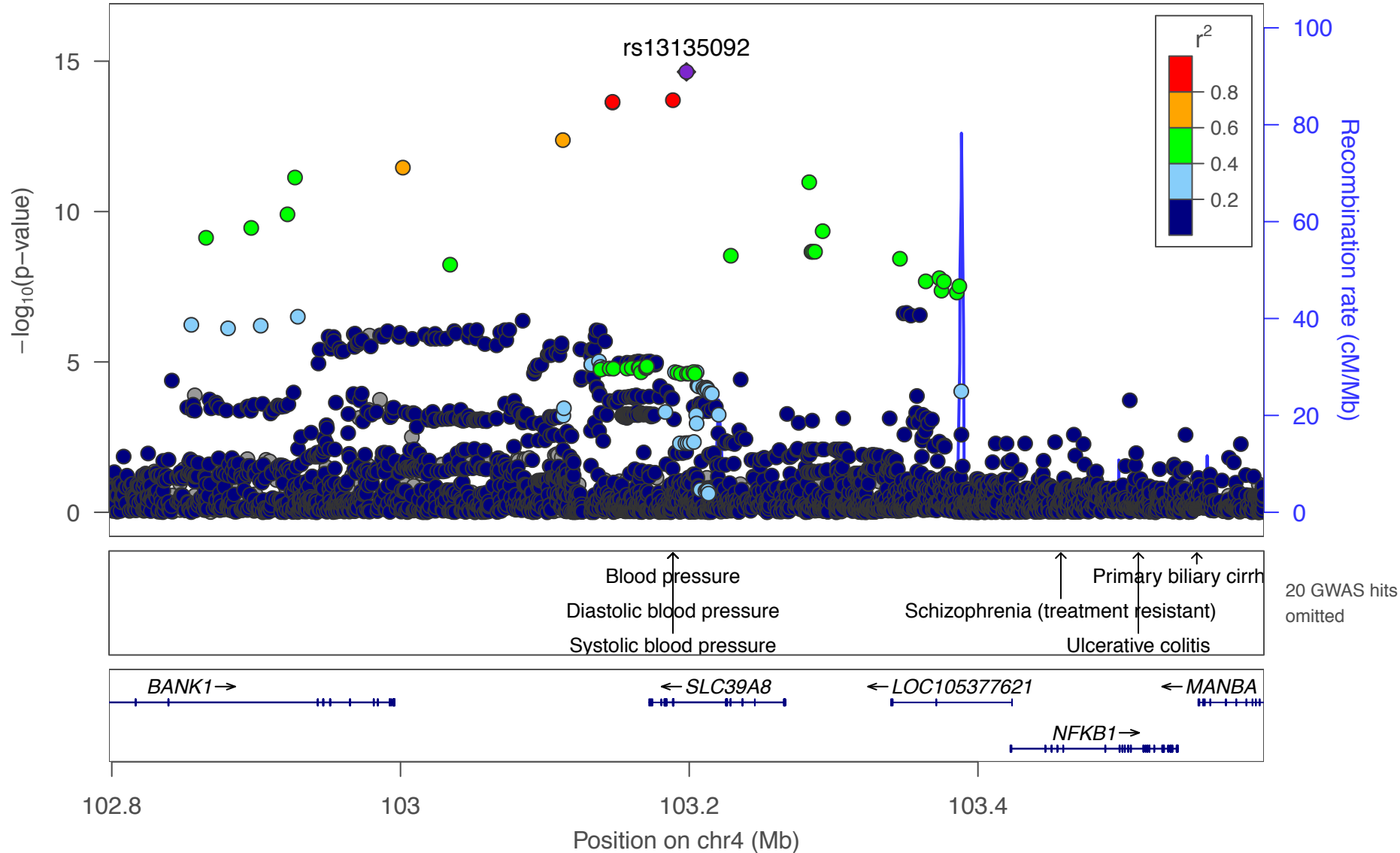
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

TBSS_ICVF_Cerebral_peduncle_L



date: Thu Aug 17 18:09:02 2017

build: hg19

display range: chr4:102798082–103598082 [102798082–103598082]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr4:103198082

number of SNPs plotted: 3541

min P.value: 2.26E–15 [chr4:103198082]

max P.value: 10E–1 [chr4:103322304]

omitted GWAS Hits: chr4:103.551603–Primary biliary cirrhosis, chr4:103.457418–Schizophrenia (treatment resistan

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

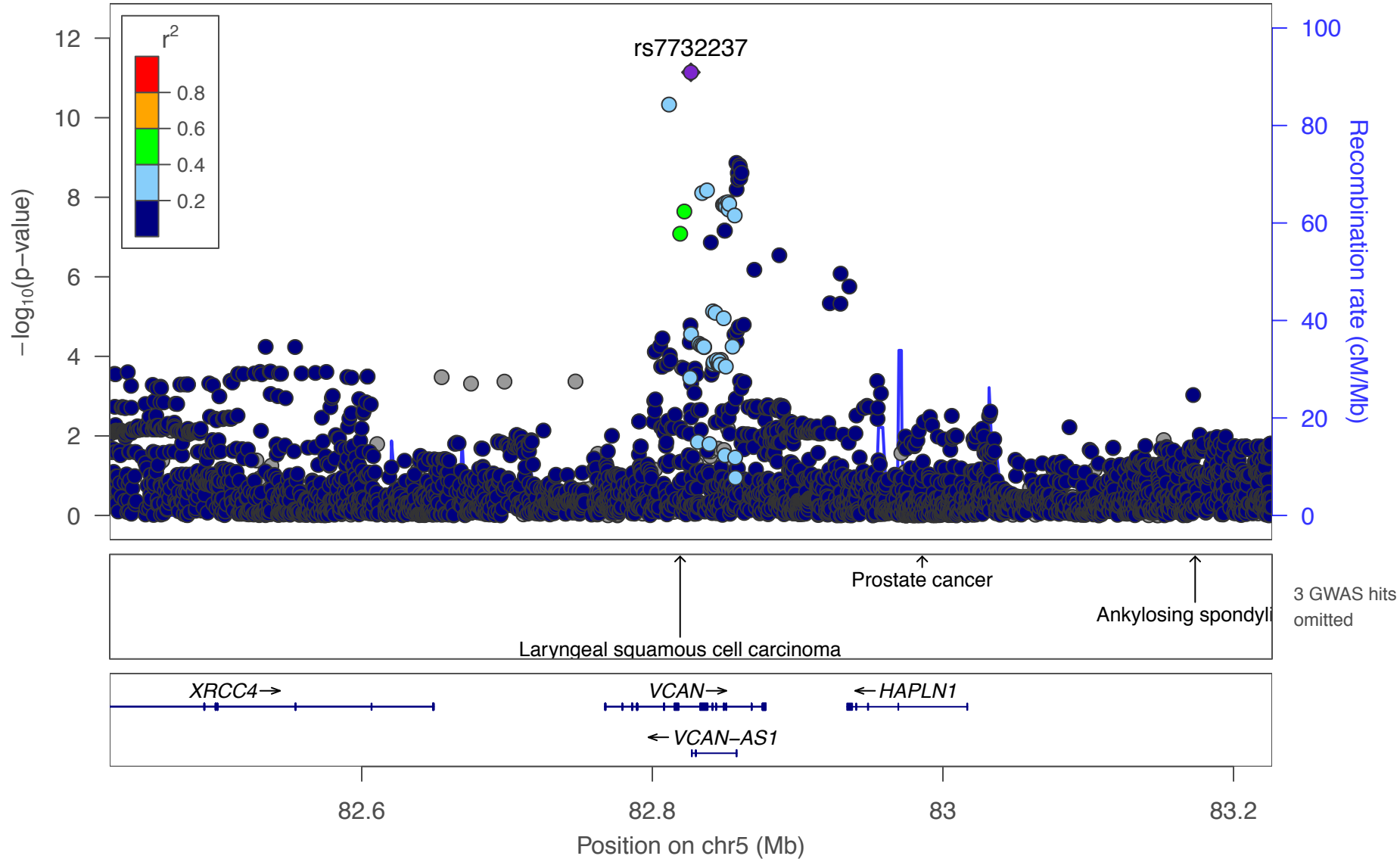
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	102.8416	Schizophrenia	rs13119516
4	102.8653	Crohn's disease	rs13126505
4	102.8653	Inflammatory bowel disease	rs13126505
4	102.9269	Crohn's disease	rs34592089
4	103.0542	Alzheimer disease and age of onset	rs115641191
4	103.1469	Schizophrenia	rs35518360
4	103.1887	Blood pressure	rs13107325
4	103.1887	Diastolic blood pressure	rs13107325
4	103.1887	Systolic blood pressure	rs13107325
4	103.1887	Hypertension	rs13107325
4	103.1887	HDL cholesterol	rs13107325
4	103.1887	Body mass index	rs13107325
4	103.1887	Schizophrenia	rs13107325
4	103.1887	NT-proBNP levels in acute coronary syndrome	rs13107325
4	103.1887	Childhood body mass index	rs13107325
4	103.1981	HDL cholesterol	rs13135092
4	103.2048	Sitting height ratio	rs233817
4	103.2557	Erythrocyte cadmium concentration in never smokers	rs7664683
4	103.3497	Homeostasis model assessment of beta-cell function (interaction)	rs6533014
4	103.4343	Ulcerative colitis	rs3774937
4	103.4574	Schizophrenia (treatment resistant)	rs230529

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
4	103.5111	Ulcerative colitis	rs3774959
4	103.5516	Primary biliary cirrhosis	rs7665090
4	103.5527	Primary biliary cirrhosis	rs1054037
4	103.5617	Glomerular filtration rate (creatinine)	rs228611
4	103.5786	Multiple sclerosis	rs228614

TBSS_ICVF_Medial_lemniscus_R



date: Thu Aug 17 18:03:31 2017

build: hg19

display range: chr5:82426556–83226556 [82426556–83226556]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82826556

number of SNPs plotted: 3442

min P.value: 7.23E–12 [chr5:82826556]

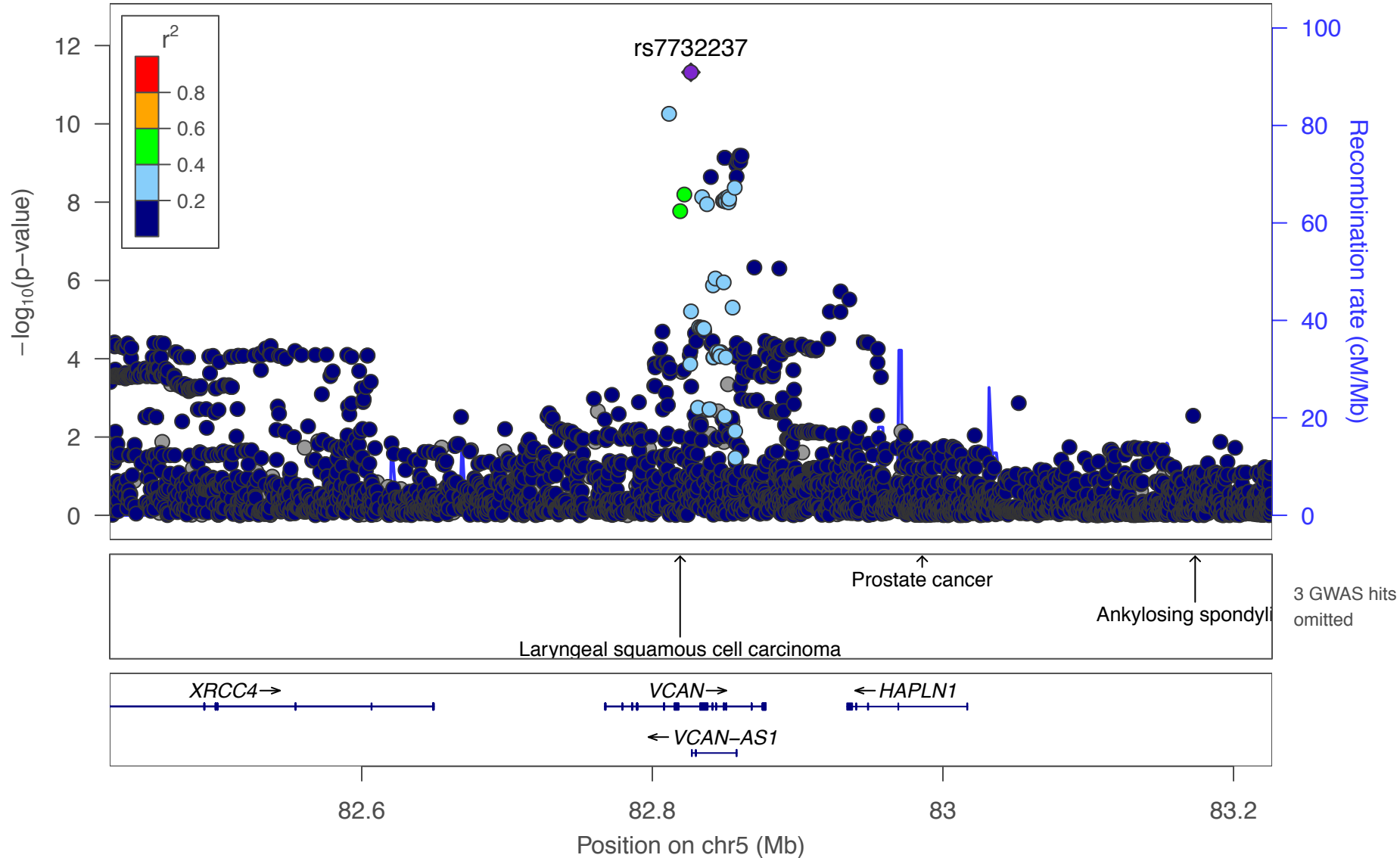
max P.value: 9.98E–1 [chr5:82951780]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Medial_lemniscus_L



date: Thu Aug 17 18:03:31 2017

build: hg19

display range: chr5:82426556–83226556 [82426556–83226556]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82826556

number of SNPs plotted: 3442

min P.value: 4.82E–12 [chr5:82826556]

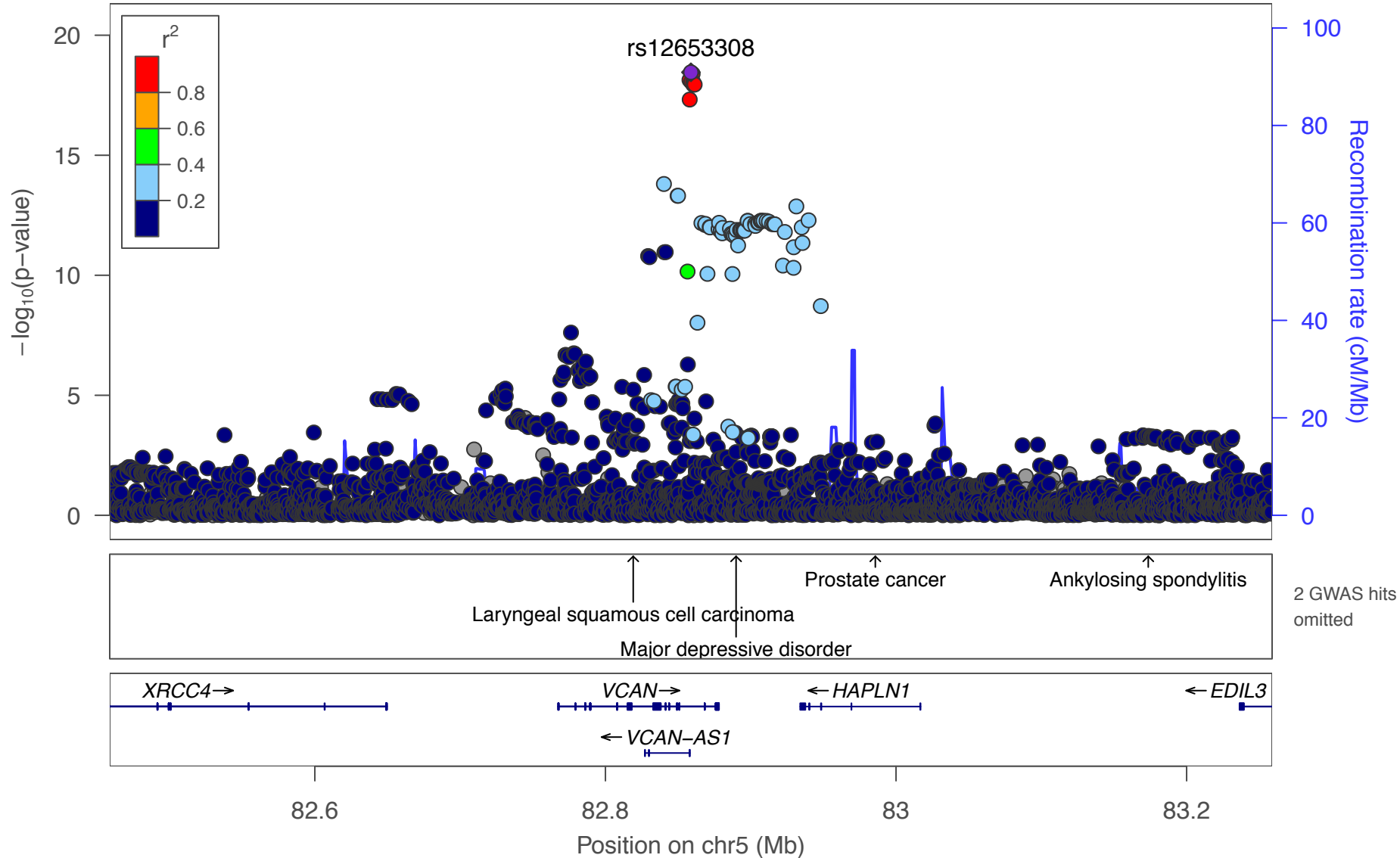
max P.value: 10E–1 [chr5:82749904]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_FA_ptr_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82458828–83258828 [82458828–83258828]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82858828

number of SNPs plotted: 3398

min P.value: 3.5E–19 [chr5:82858828]

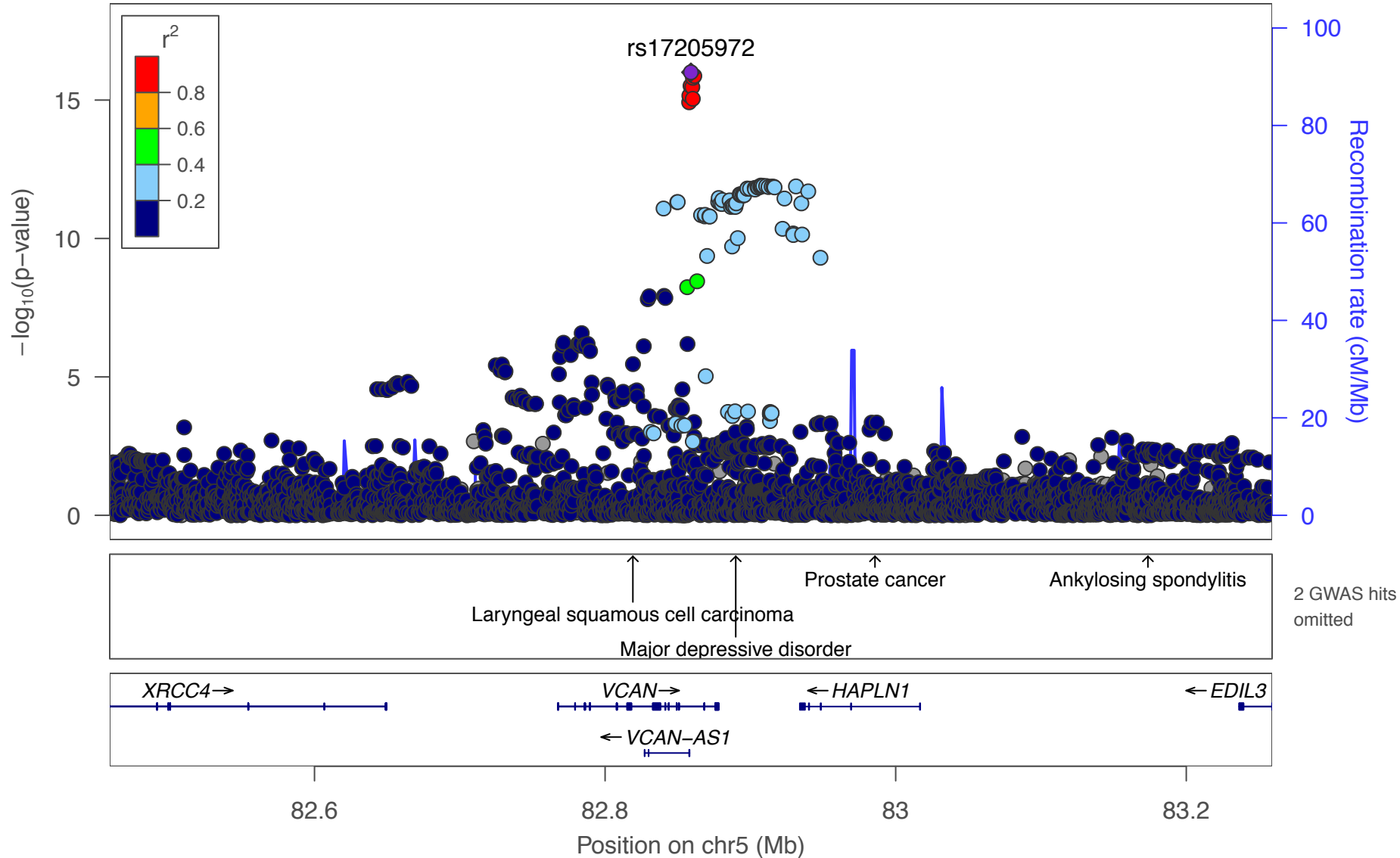
max P.value: 10E–1 [chr5:82813266]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L2_ptr_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82459065–83259065 [82459065–83259065]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82859065

number of SNPs plotted: 3396

min P.value: 9.93E–17 [chr5:82859065]

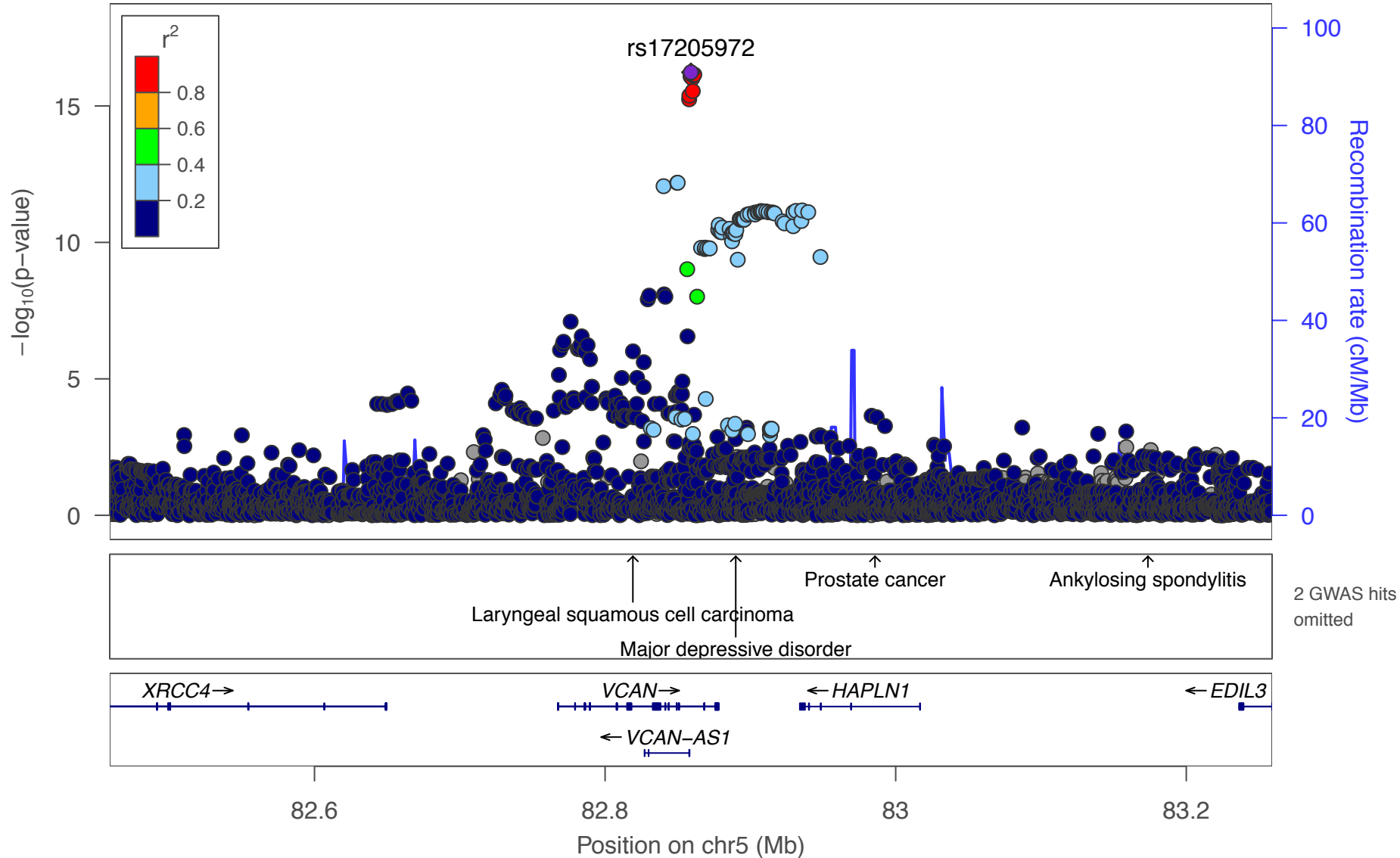
max P.value: 10E–1 [chr5:83027085]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L3_ptr_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82459065–83259065 [82459065–83259065]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82859065

number of SNPs plotted: 3396

min P.value: 5.85E–17 [chr5:82859065]

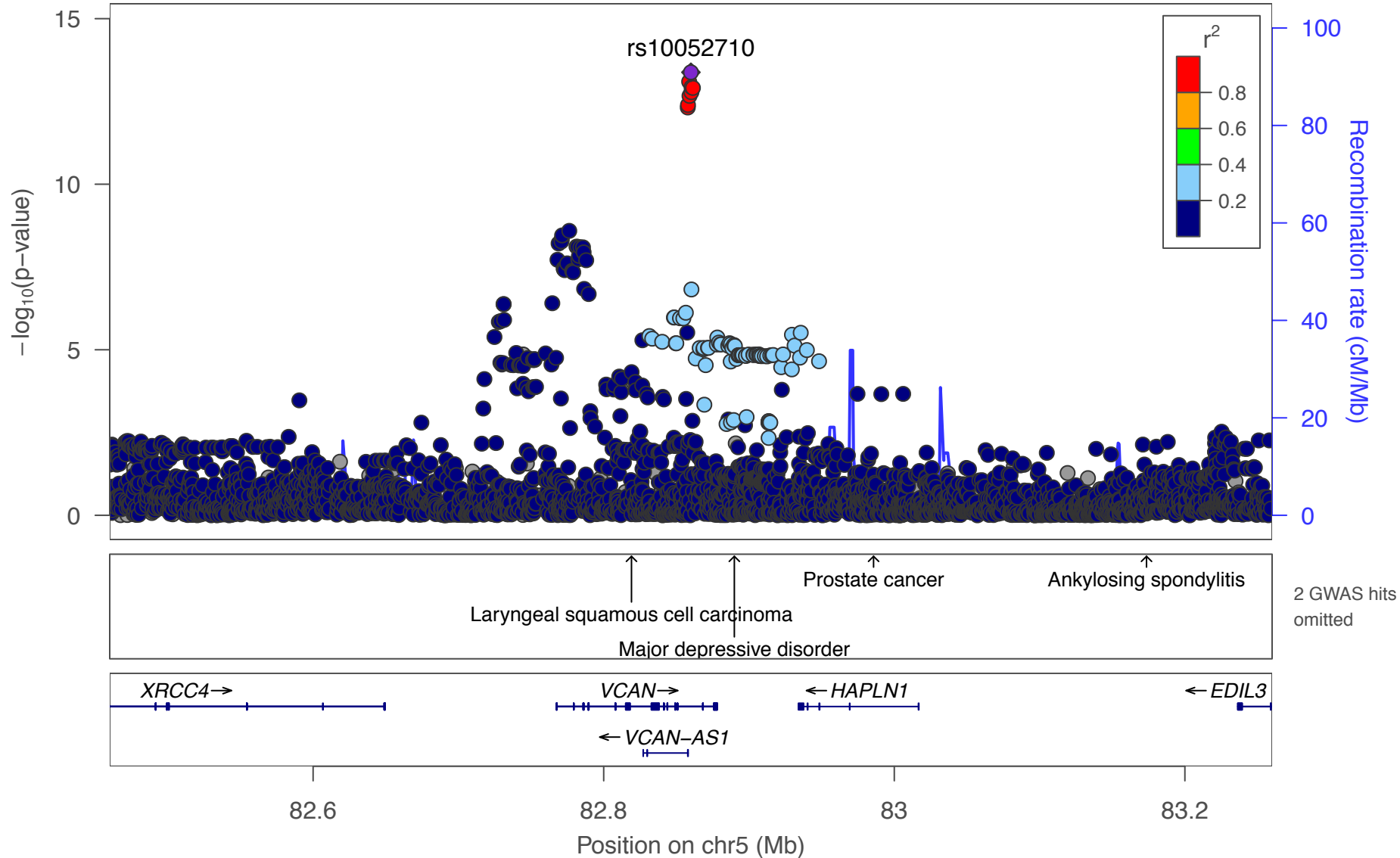
max P.value: 10E–1 [chr5:82513881]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_FA_Splenium_of_corpus_callosum



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 4.17E–14 [chr5:82860025]

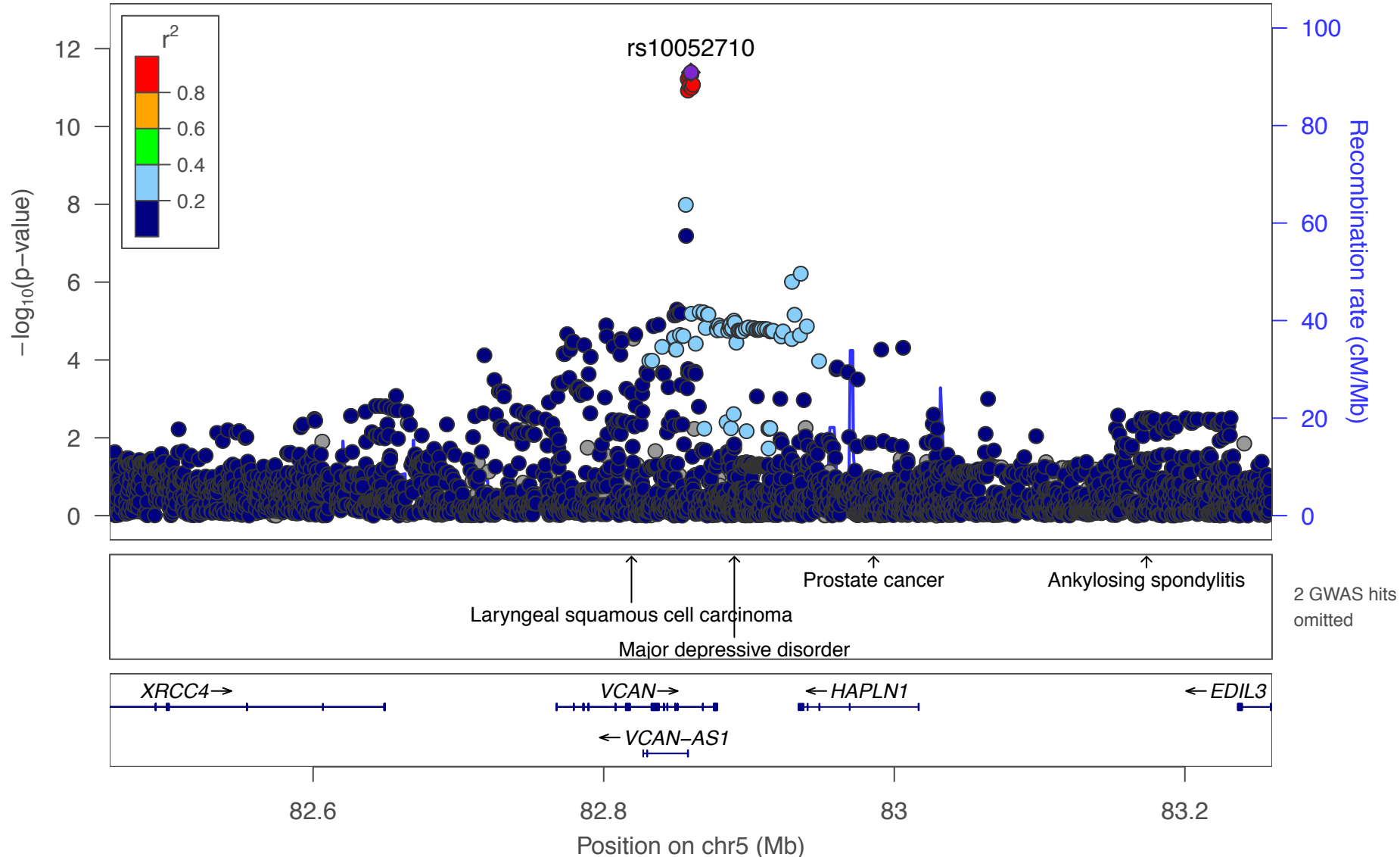
max P.value: 10E–1 [chr5:82950639]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_FA_Retrolenticular_part_of_internal_capsule_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 4.06E–12 [chr5:82860025]

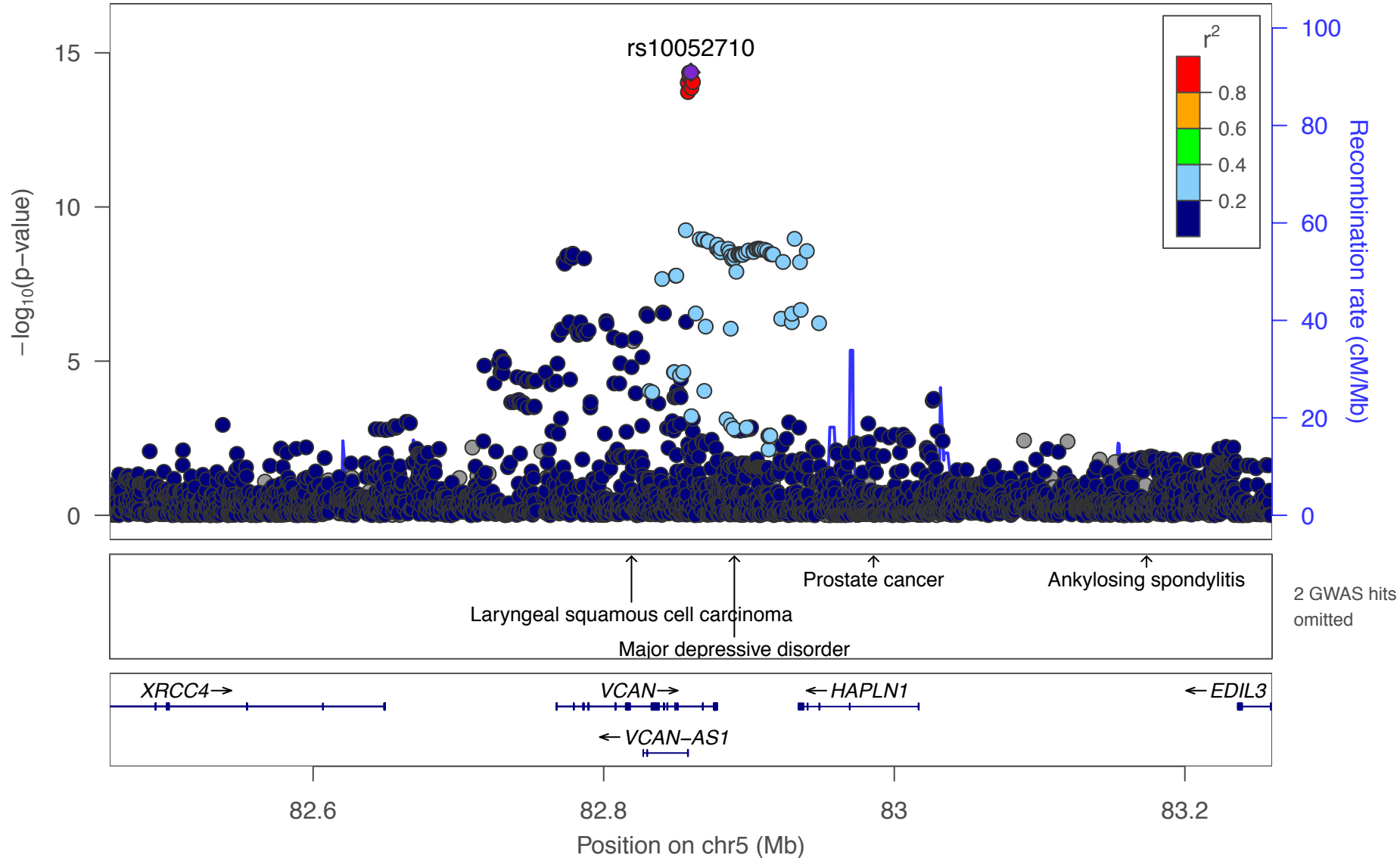
max P.value: 10E–1 [chr5:82936267]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_FA_Posterior_thalamic_radiation_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 4.29E–15 [chr5:82860025]

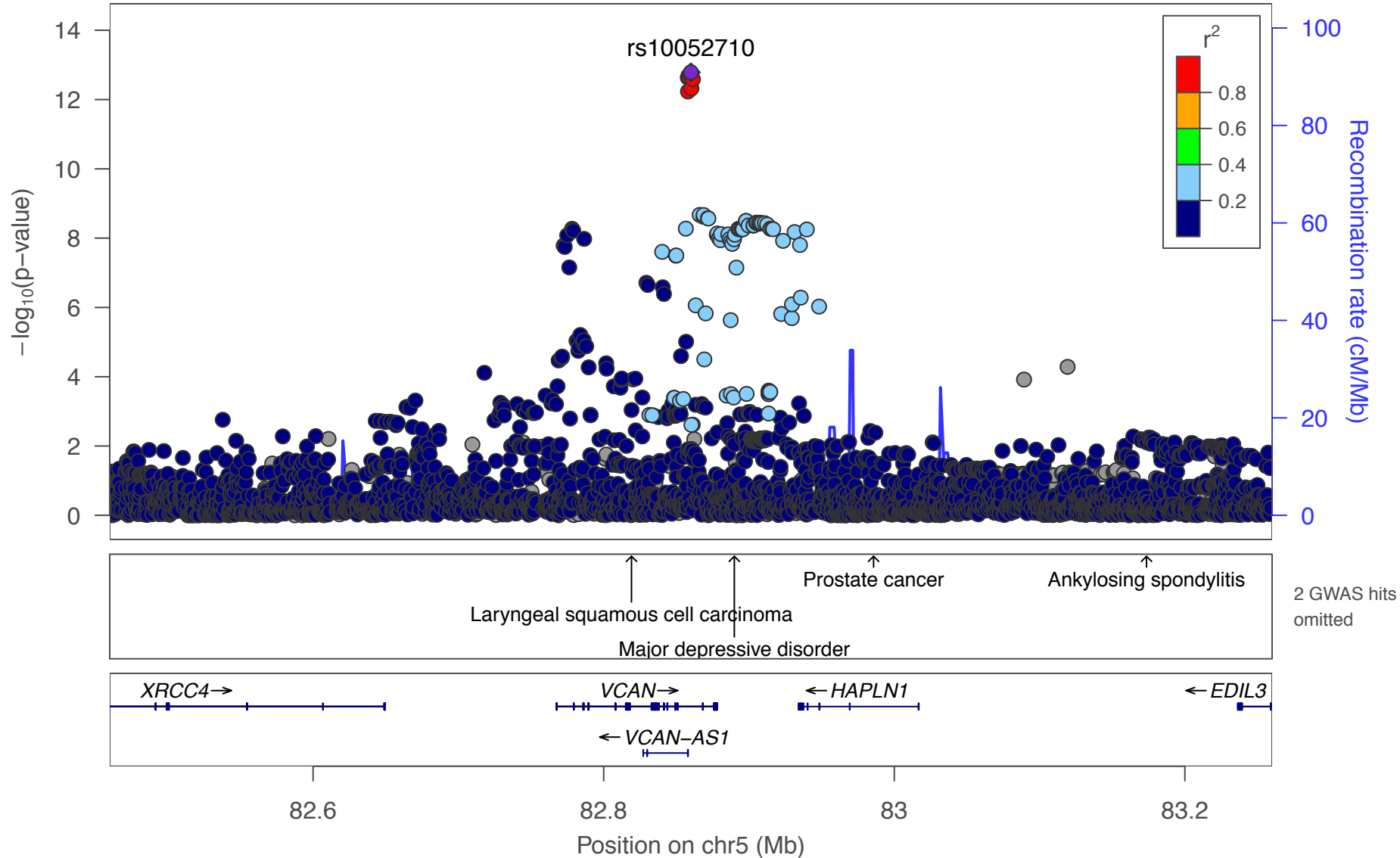
max P.value: 10E–1 [chr5:83220371]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_FA_Posterior_thalamic_radiation_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.63E–13 [chr5:82860025]

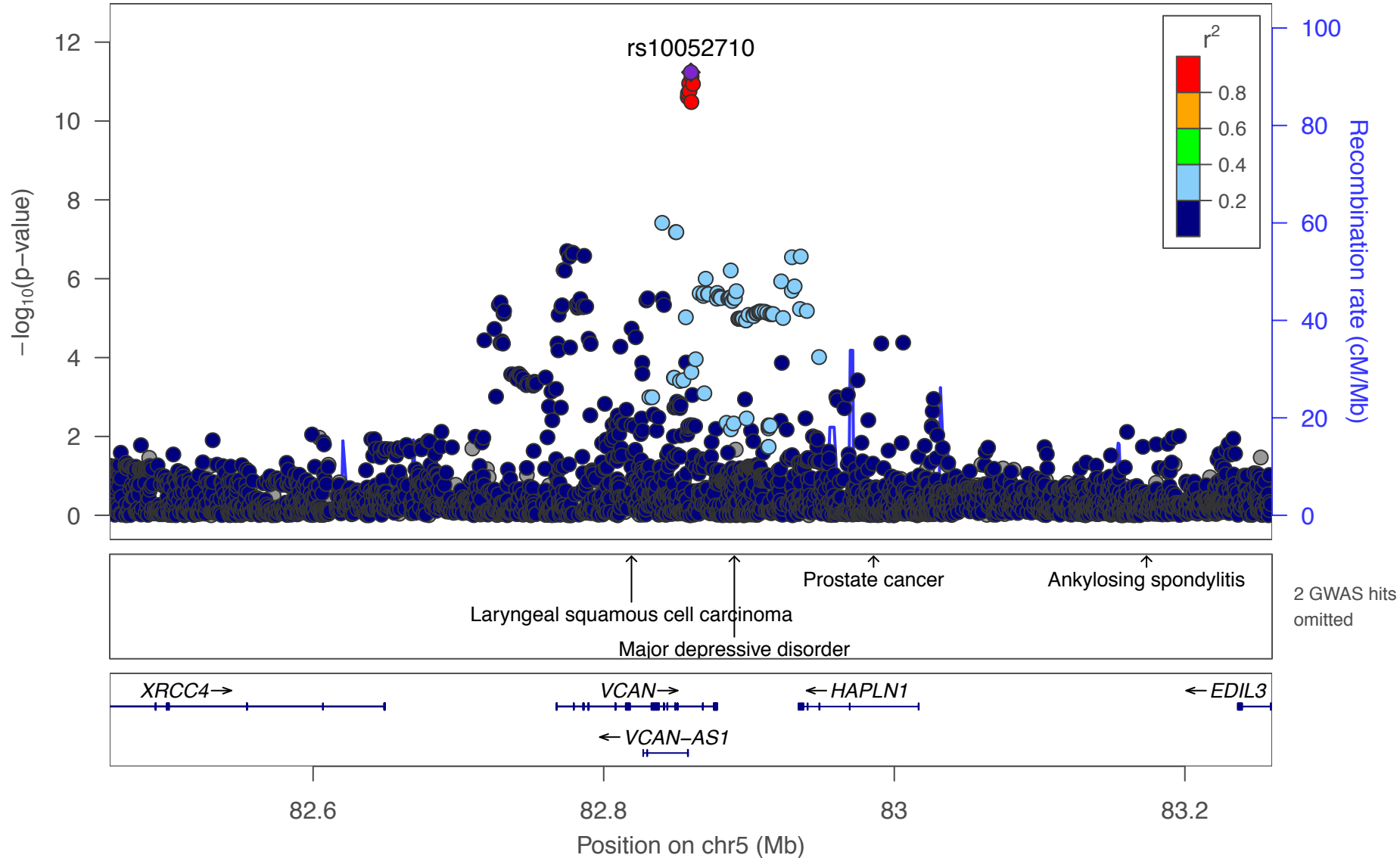
max P.value: 10E–1 [chr5:82974539]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_FA_Sagittal_stratum_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 5.82E–12 [chr5:82860025]

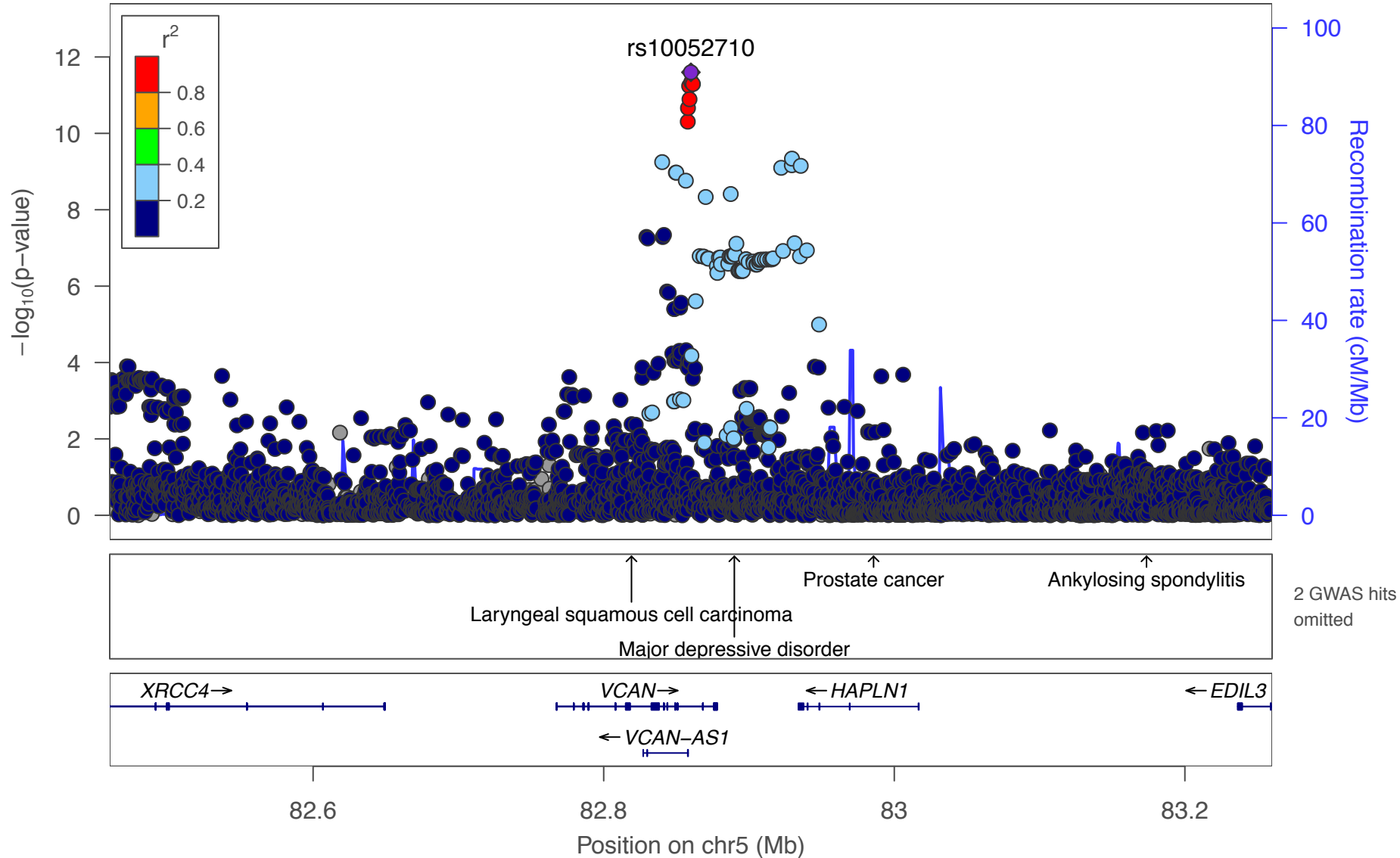
max P.value: 10E–1 [chr5:82777519]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Inferior_cerebellar_peduncle_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 2.52E–12 [chr5:82860025]

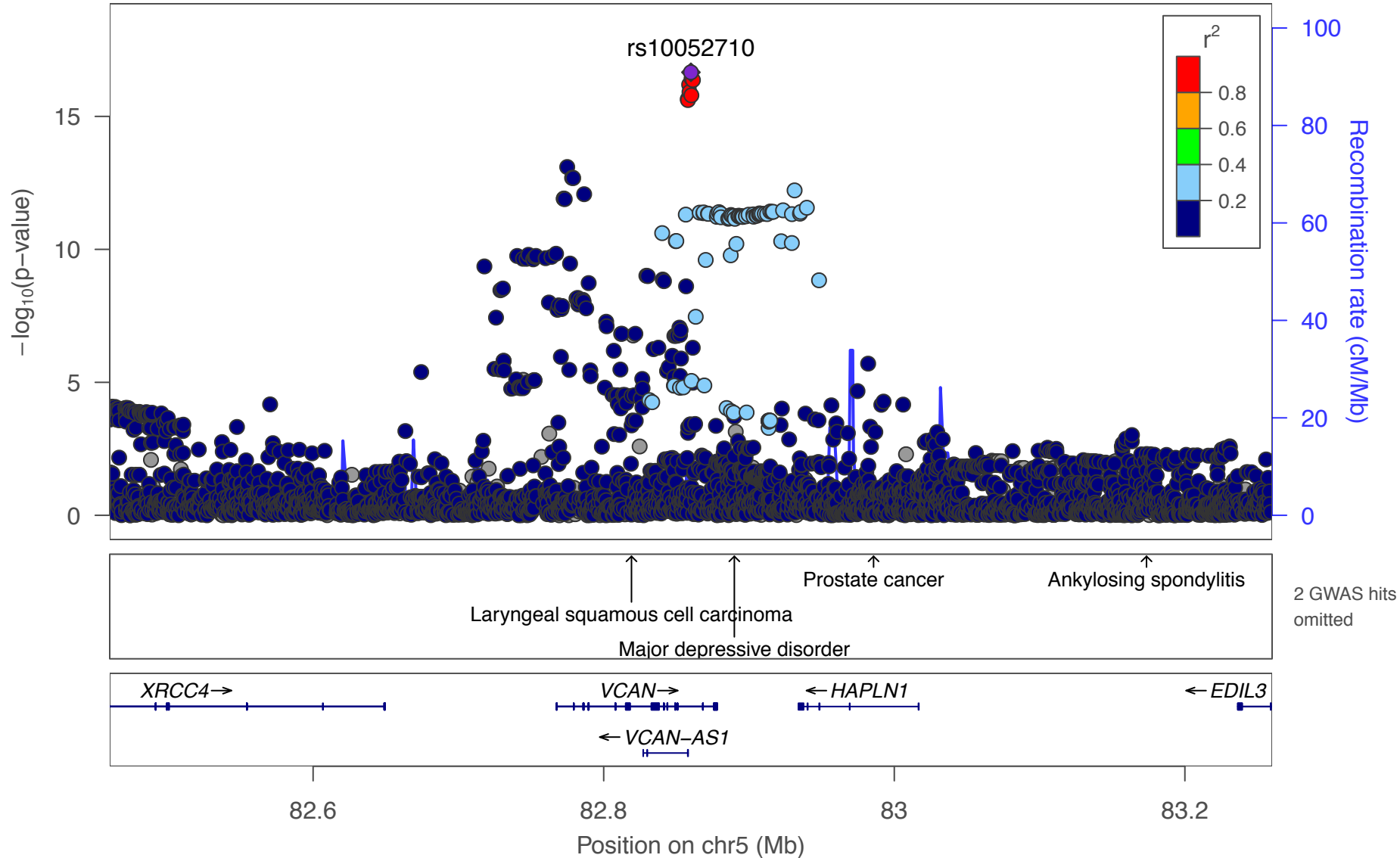
max P.value: 10E–1 [chr5:82607038]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Retrolenticular_part_of_internal_capsule_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 2.2E–17 [chr5:82860025]

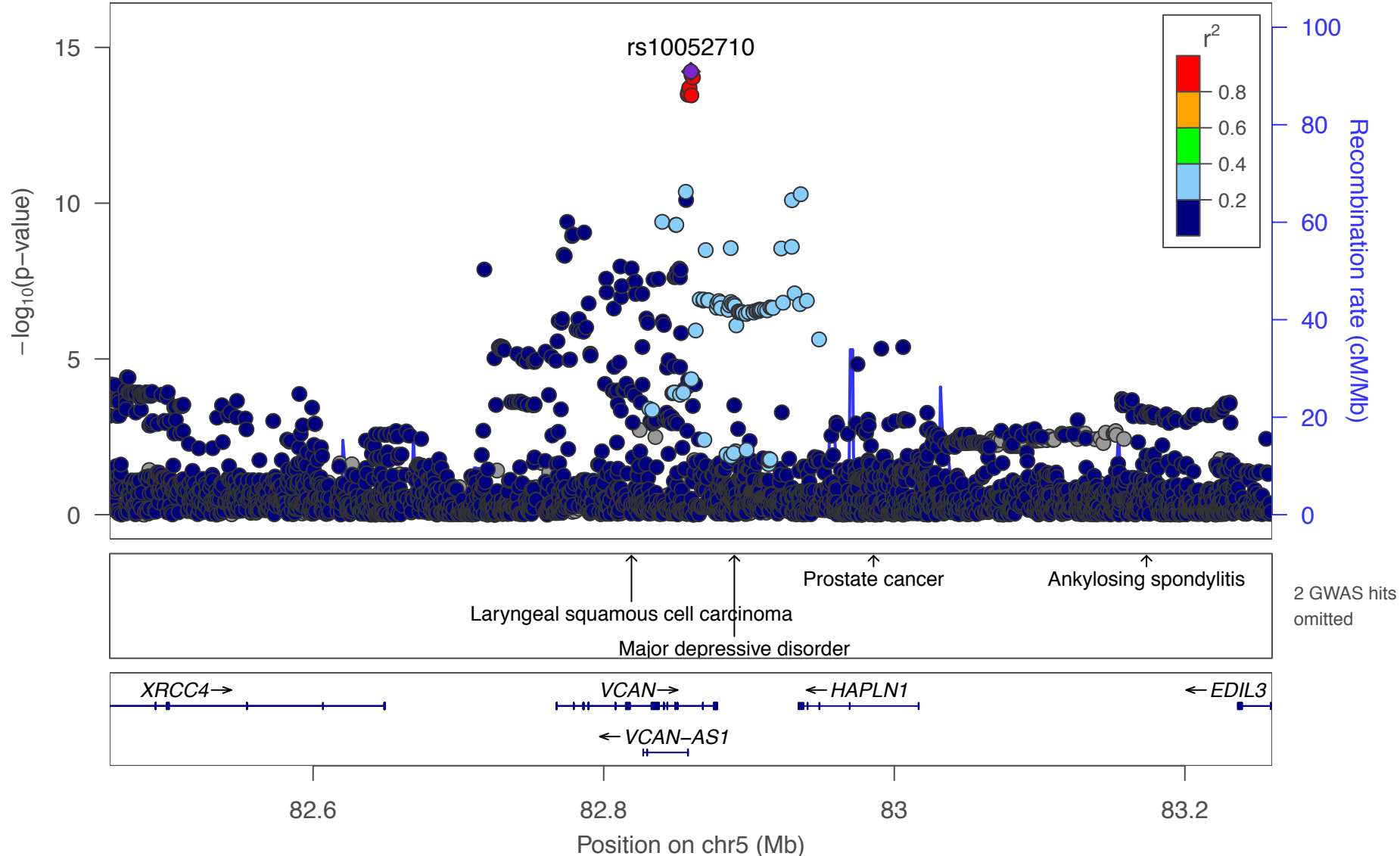
max P.value: 10E–1 [chr5:83082527]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Retrolenticular_part_of_internal_capsule_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 5.96E–15 [chr5:82860025]

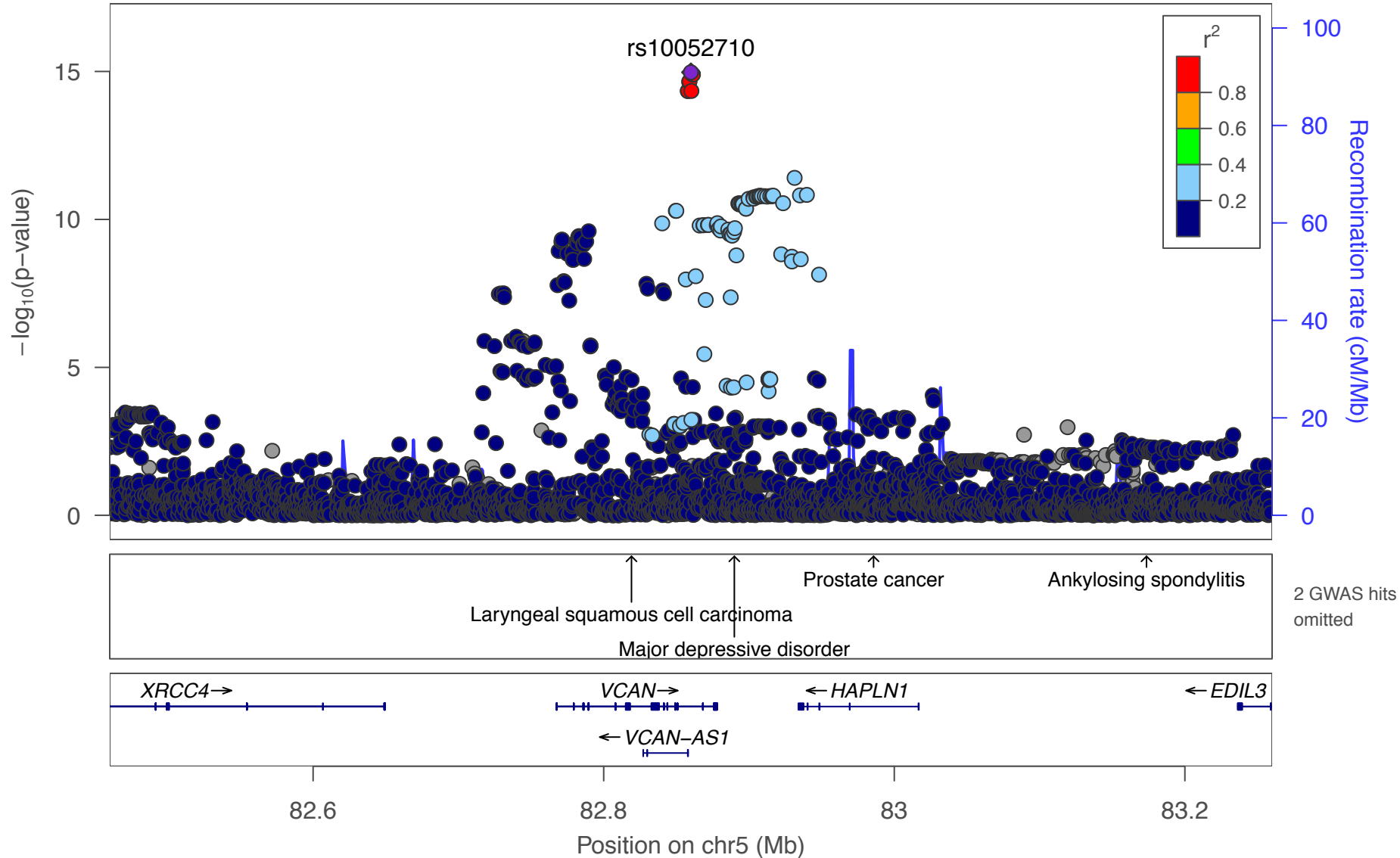
max P.value: 9.99E–1 [chr5:82720045]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Posterior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.07E–15 [chr5:82860025]

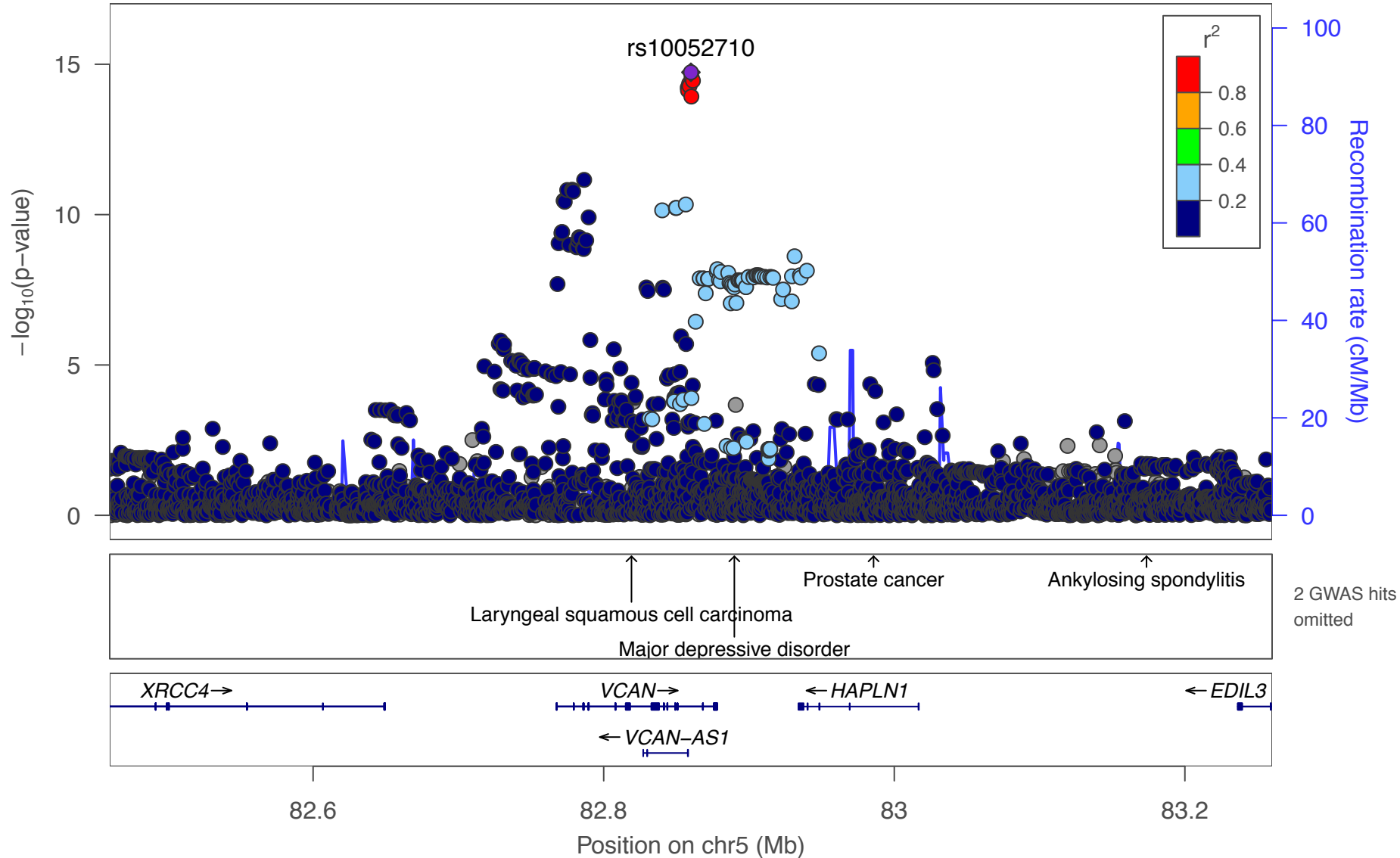
max P.value: 10E–1 [chr5:83072612]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Posterior_thalamic_radiation_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.85E–15 [chr5:82860025]

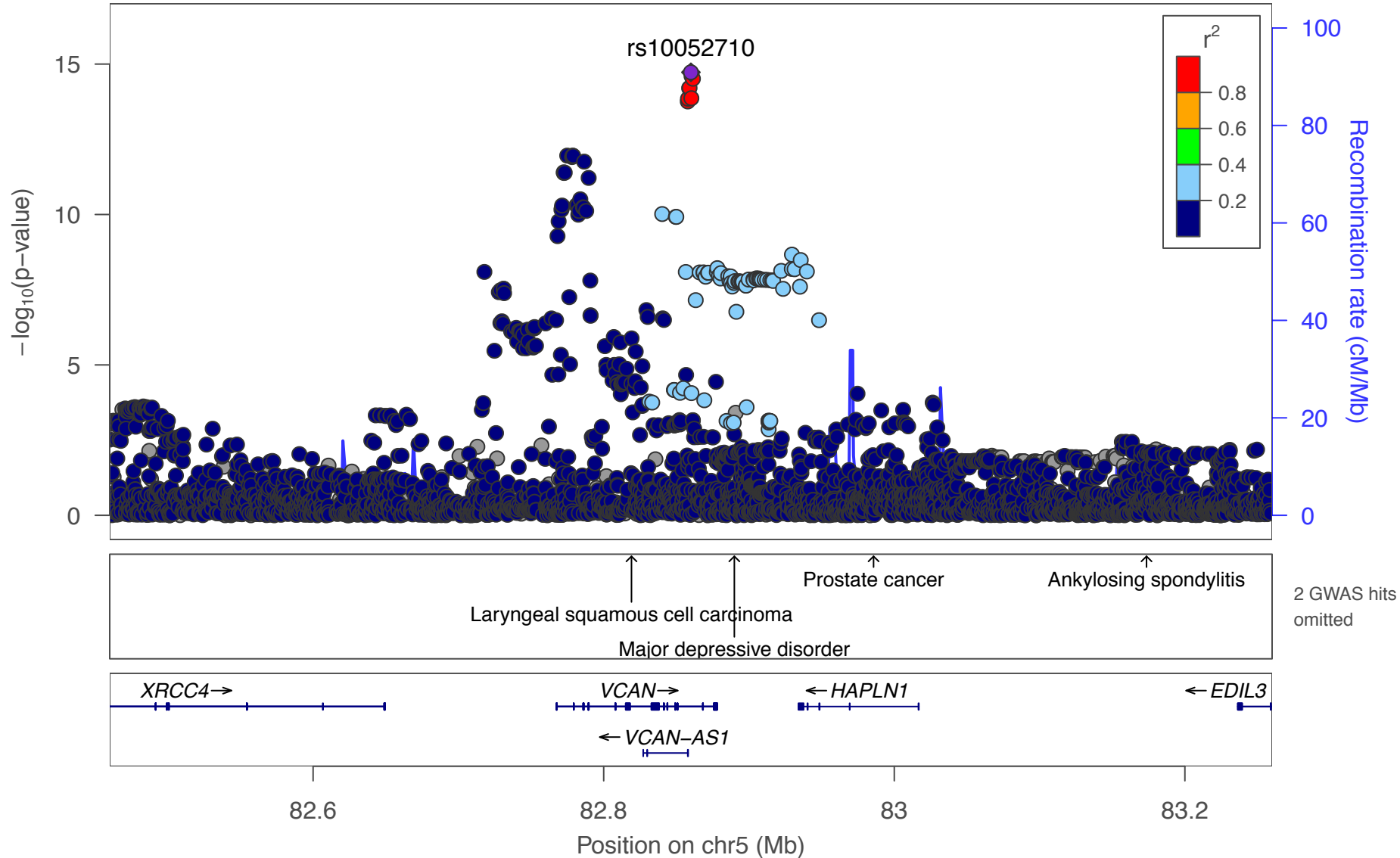
max P.value: 10E–1 [chr5:82472156]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Superior_longitudinal_fasciculus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.87E–15 [chr5:82860025]

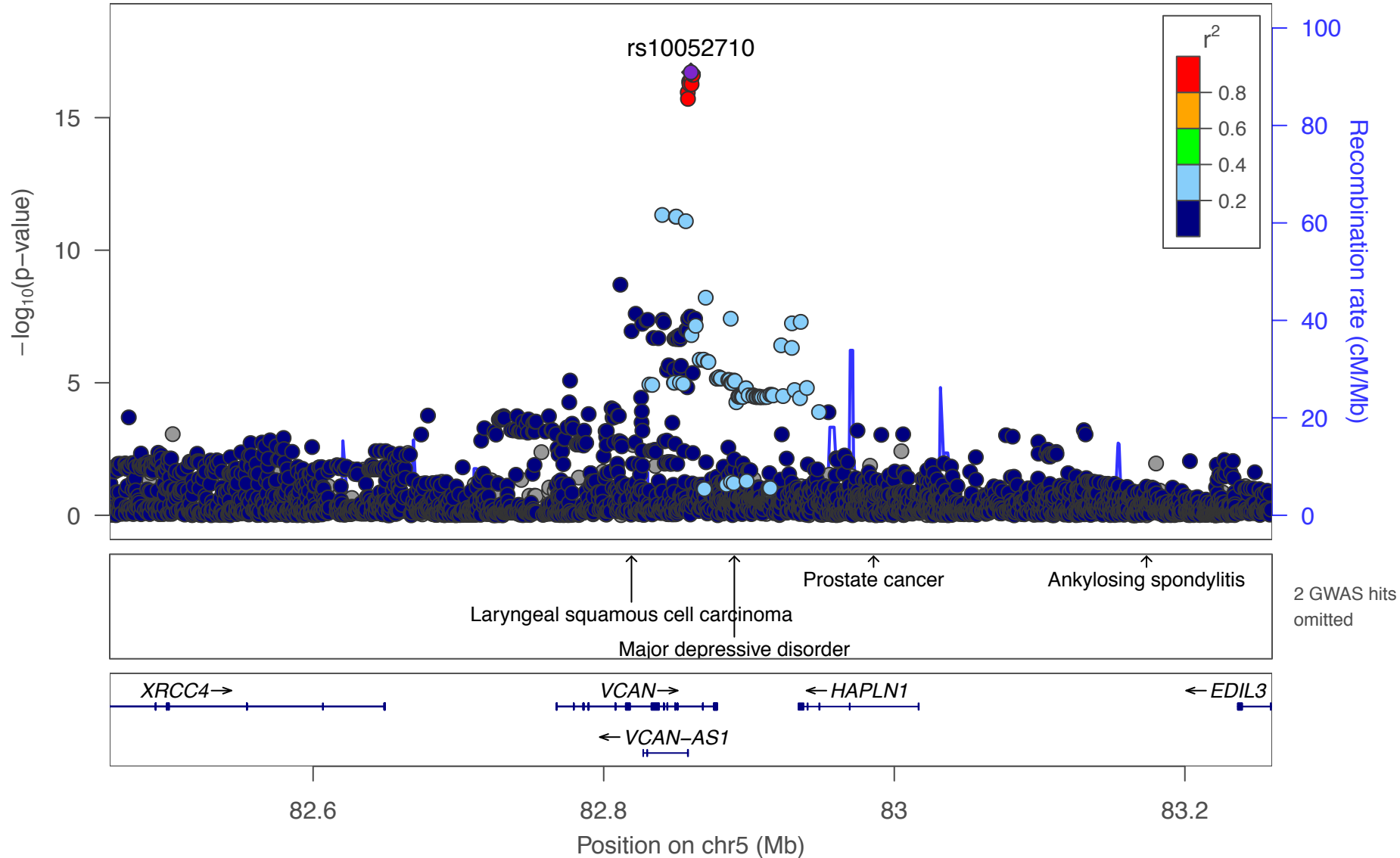
max P.value: 9.99E–1 [chr5:82609092]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Uncinate_fasciculus_R



date: Thu Aug 17 18:07:35 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.95E–17 [chr5:82860025]

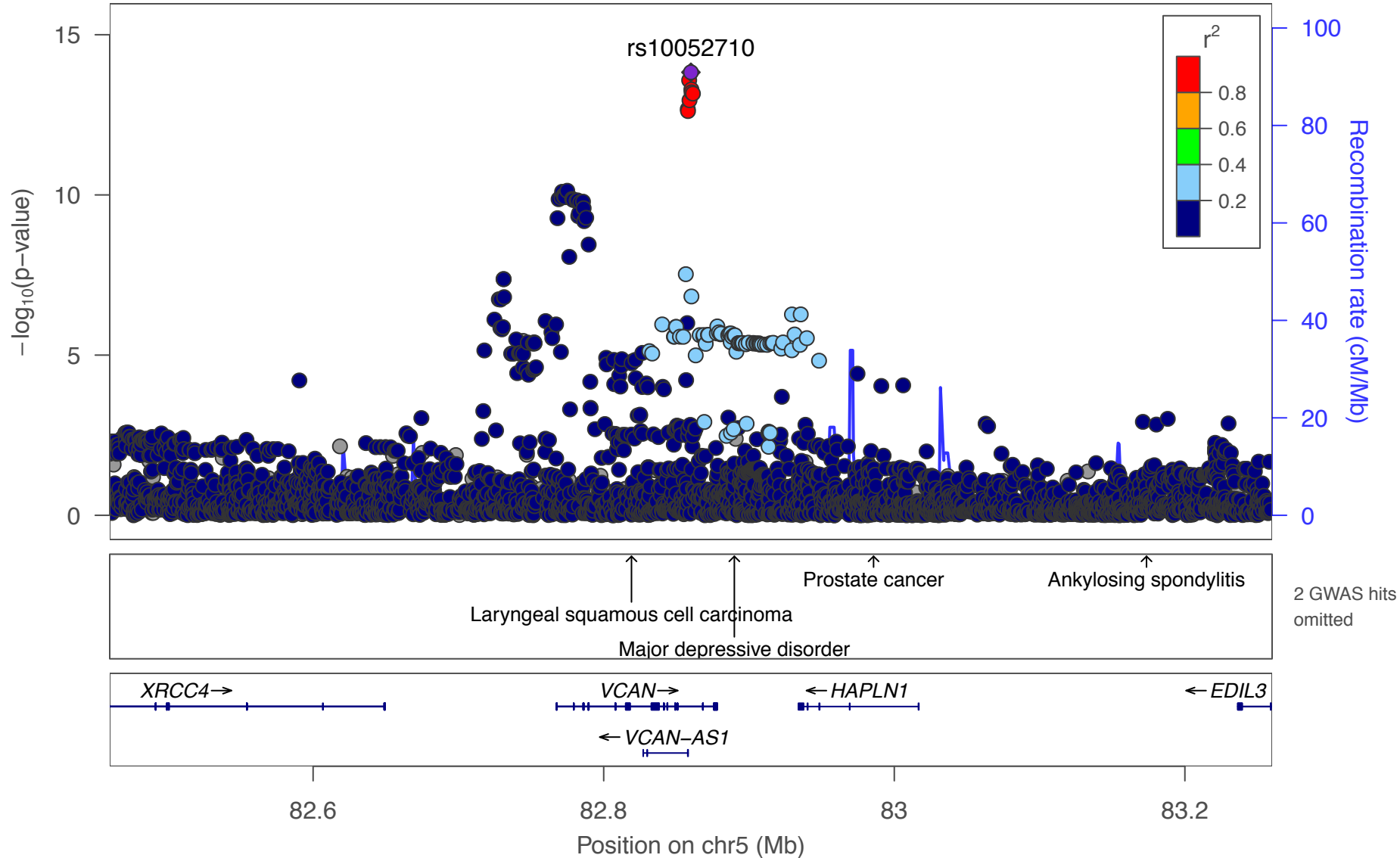
max P.value: 9.99E–1 [chr5:82999322]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Splenium_of_corpus_callosum



date: Thu Aug 17 18:07:35 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.49E–14 [chr5:82860025]

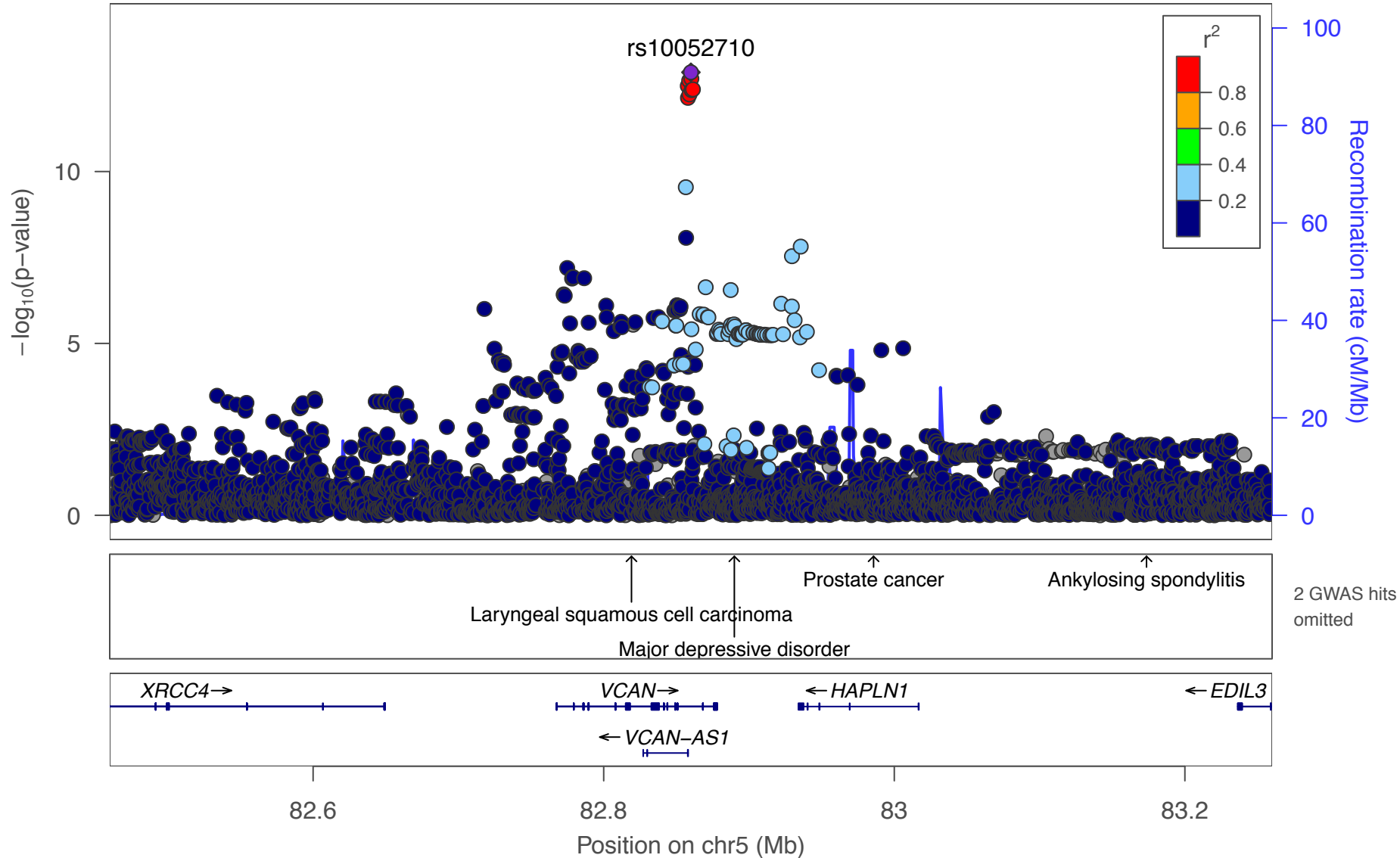
max P.value: 10E–1 [chr5:83008479]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Retrolenticular_part_of_internal_capsule_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.3E–13 [chr5:82860025]

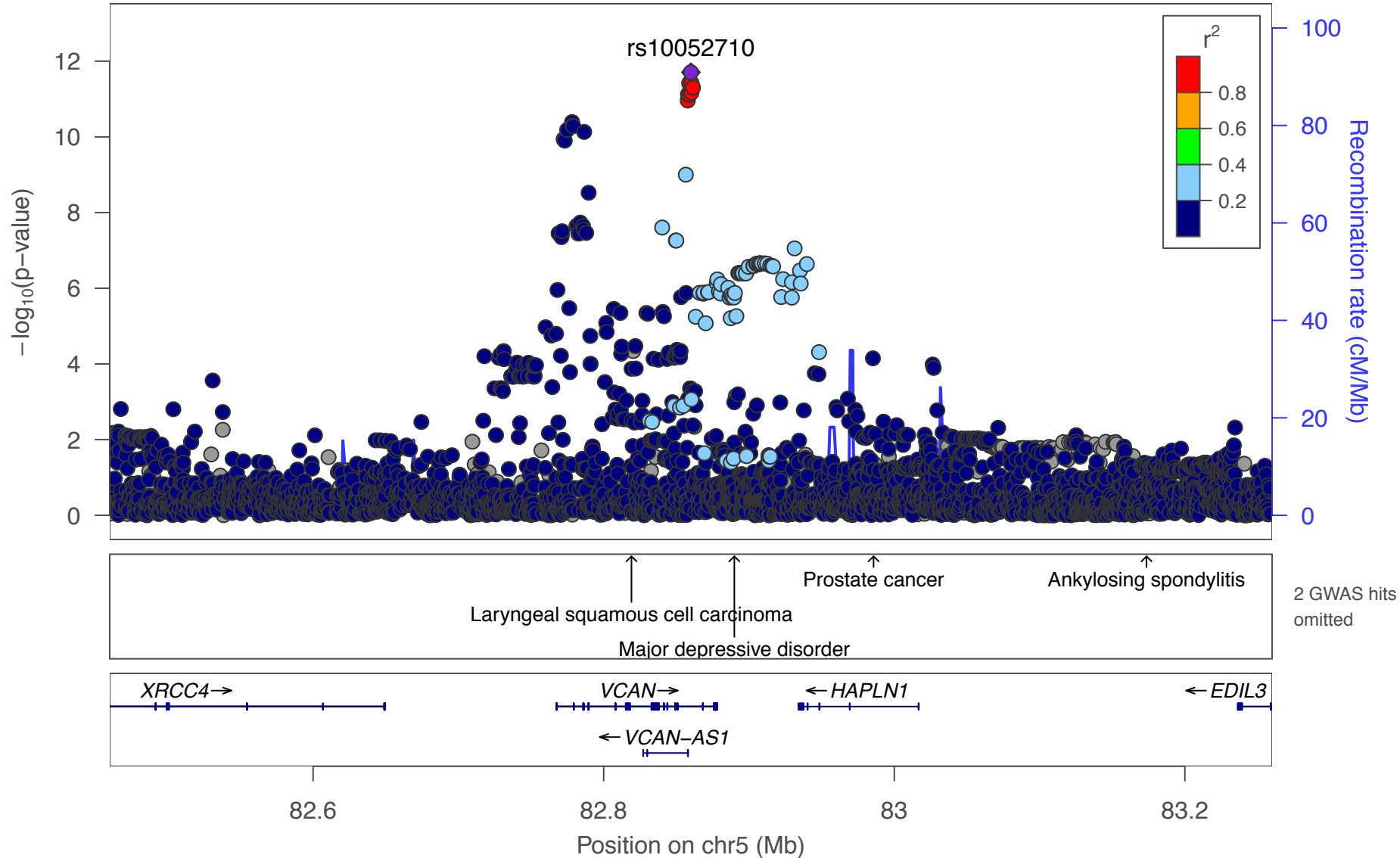
max P.value: 10E–1 [chr5:82460502]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Posterior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.97E–12 [chr5:82860025]

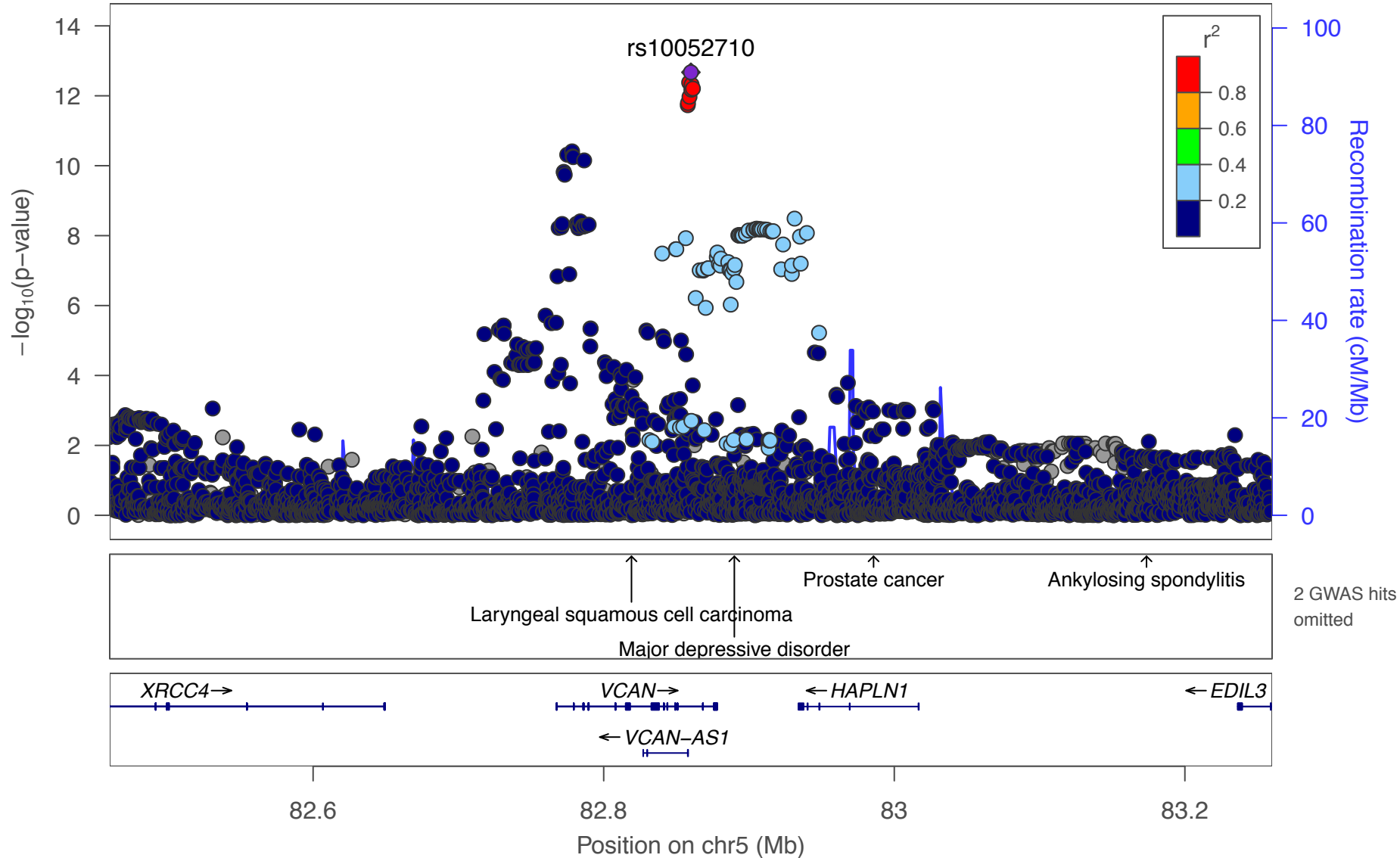
max P.value: 10E–1 [chr5:82913727]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Posterior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 2.13E–13 [chr5:82860025]

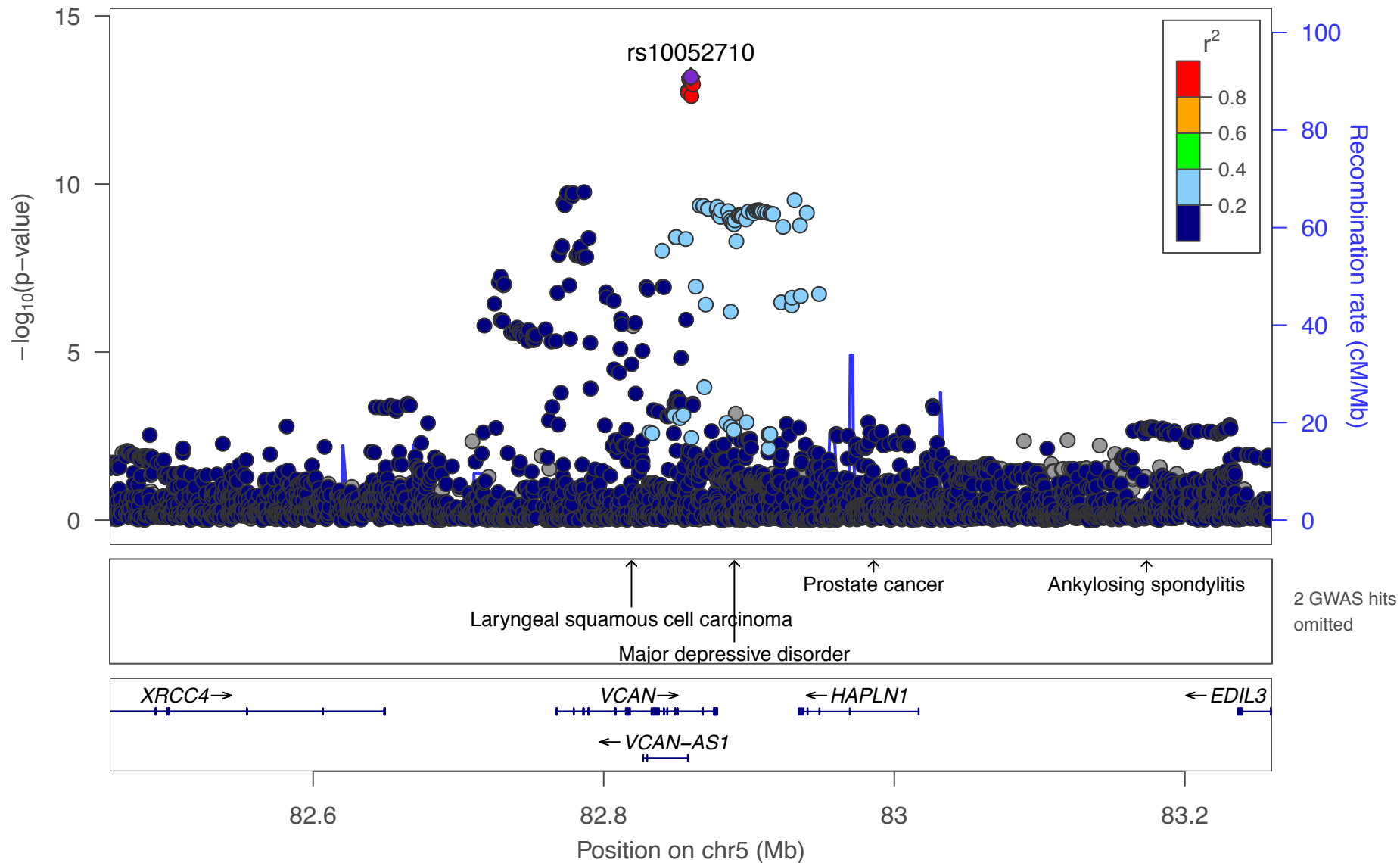
max P.value: 10E–1 [chr5:82723169]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Posterior_thalamic_radiation_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 6.5E–14 [chr5:82860025]

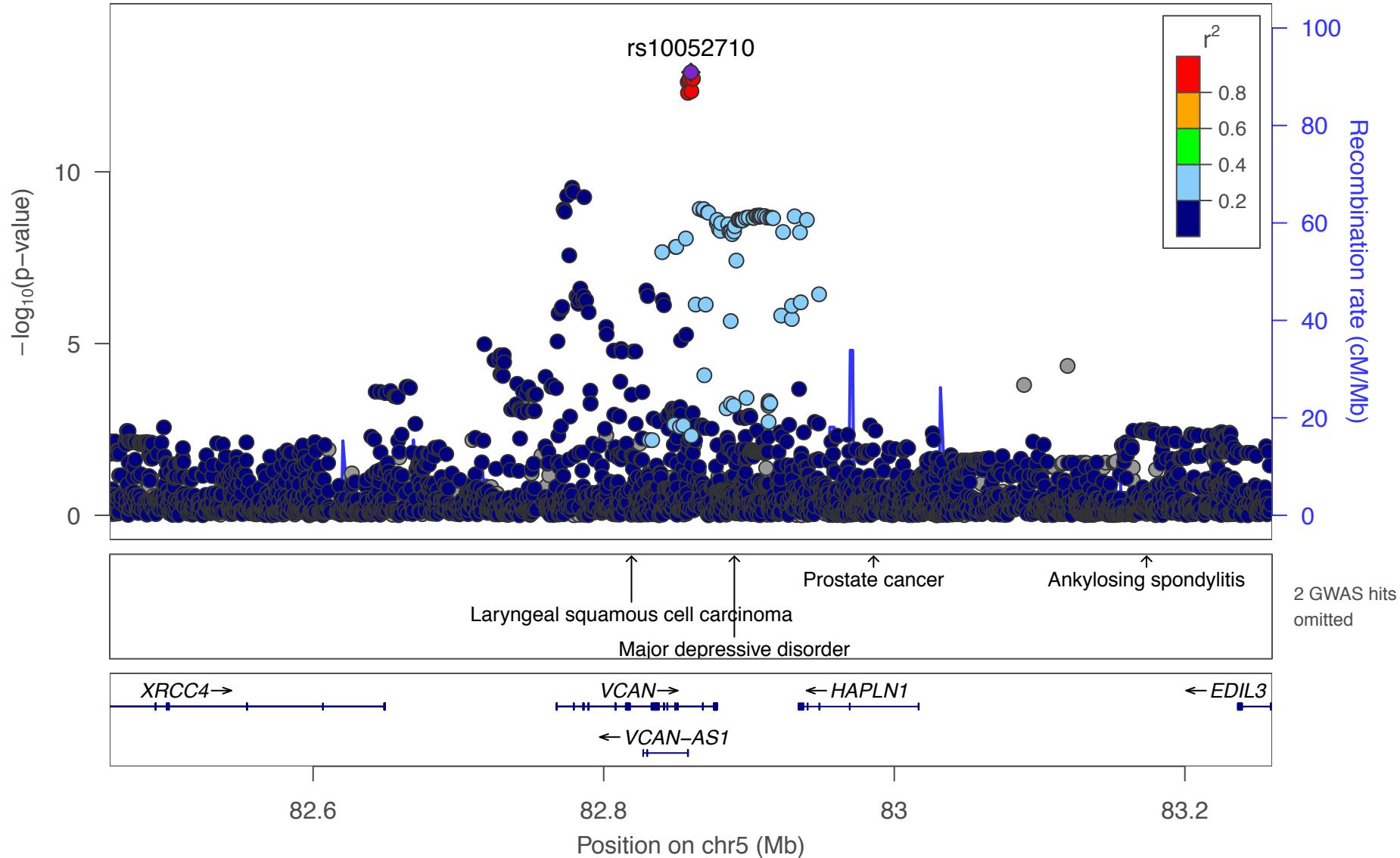
max P.value: 10E–1 [chr5:82942774]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Posterior_thalamic_radiation_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.26E–13 [chr5:82860025]

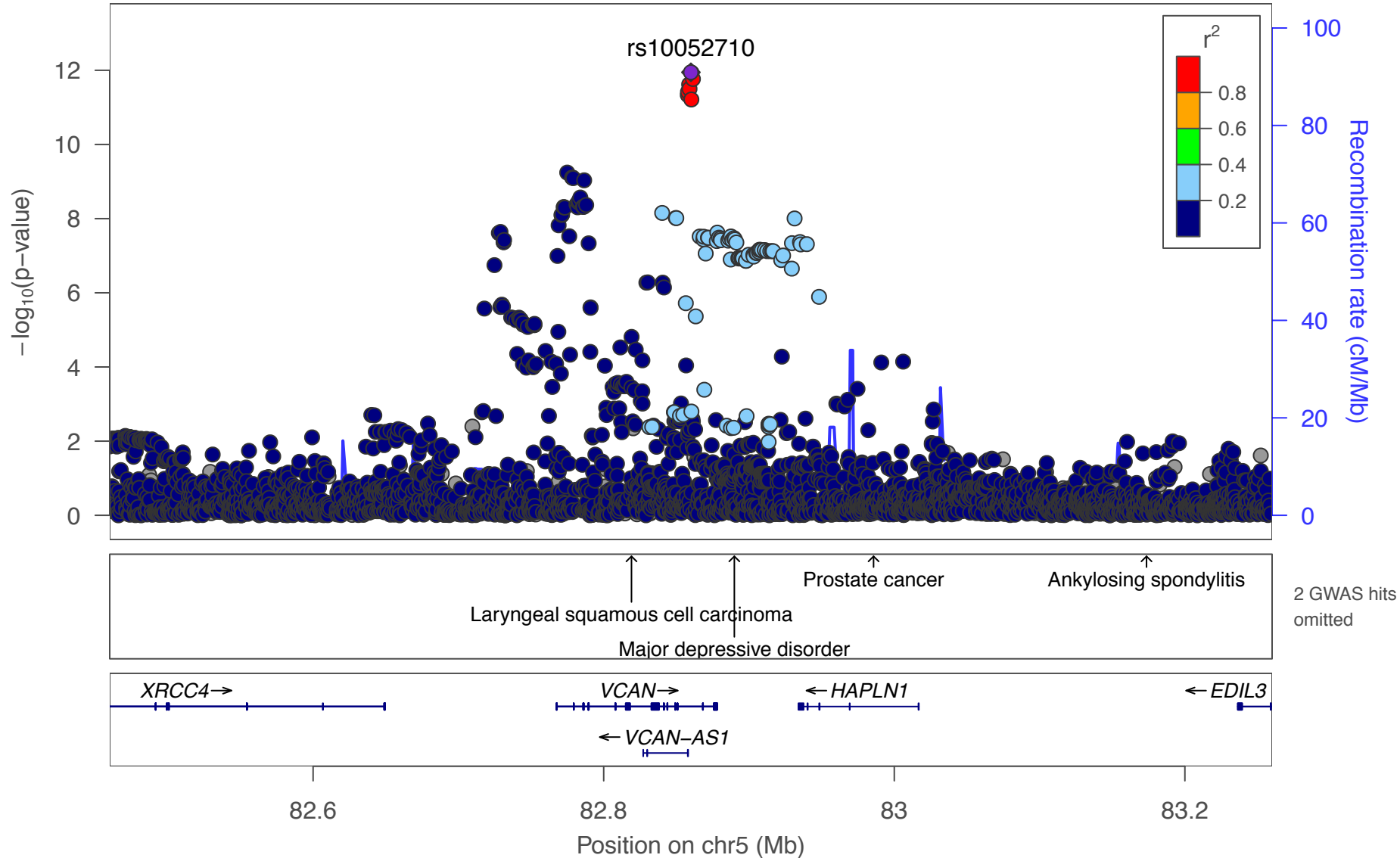
max P.value: 9.99E–1 [chr5:82741980]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Sagittal_stratum_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.13E–12 [chr5:82860025]

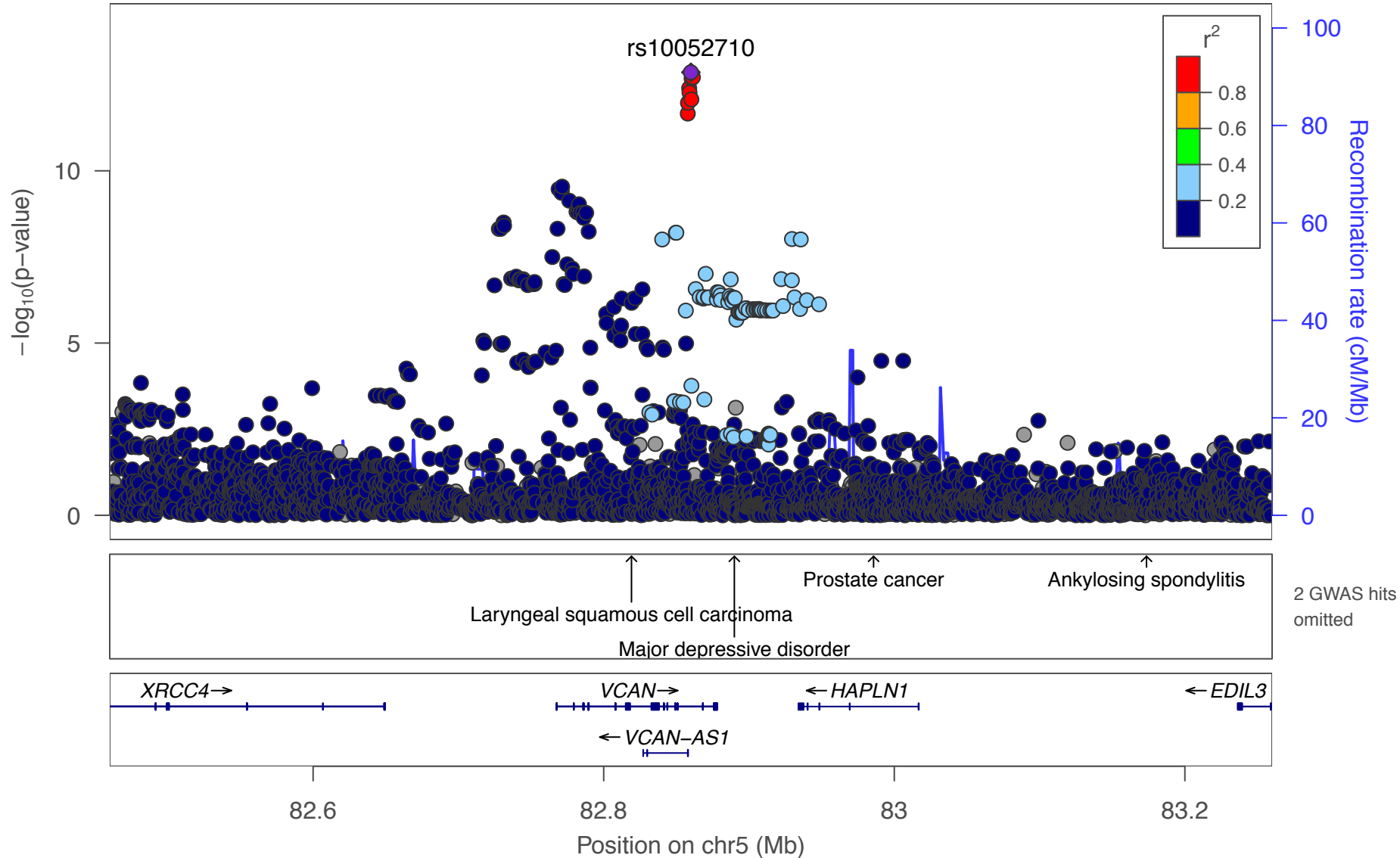
max P.value: 9.99E–1 [chr5:82802571]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Splenium_of_corpus_callosum



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.38E–13 [chr5:82860025]

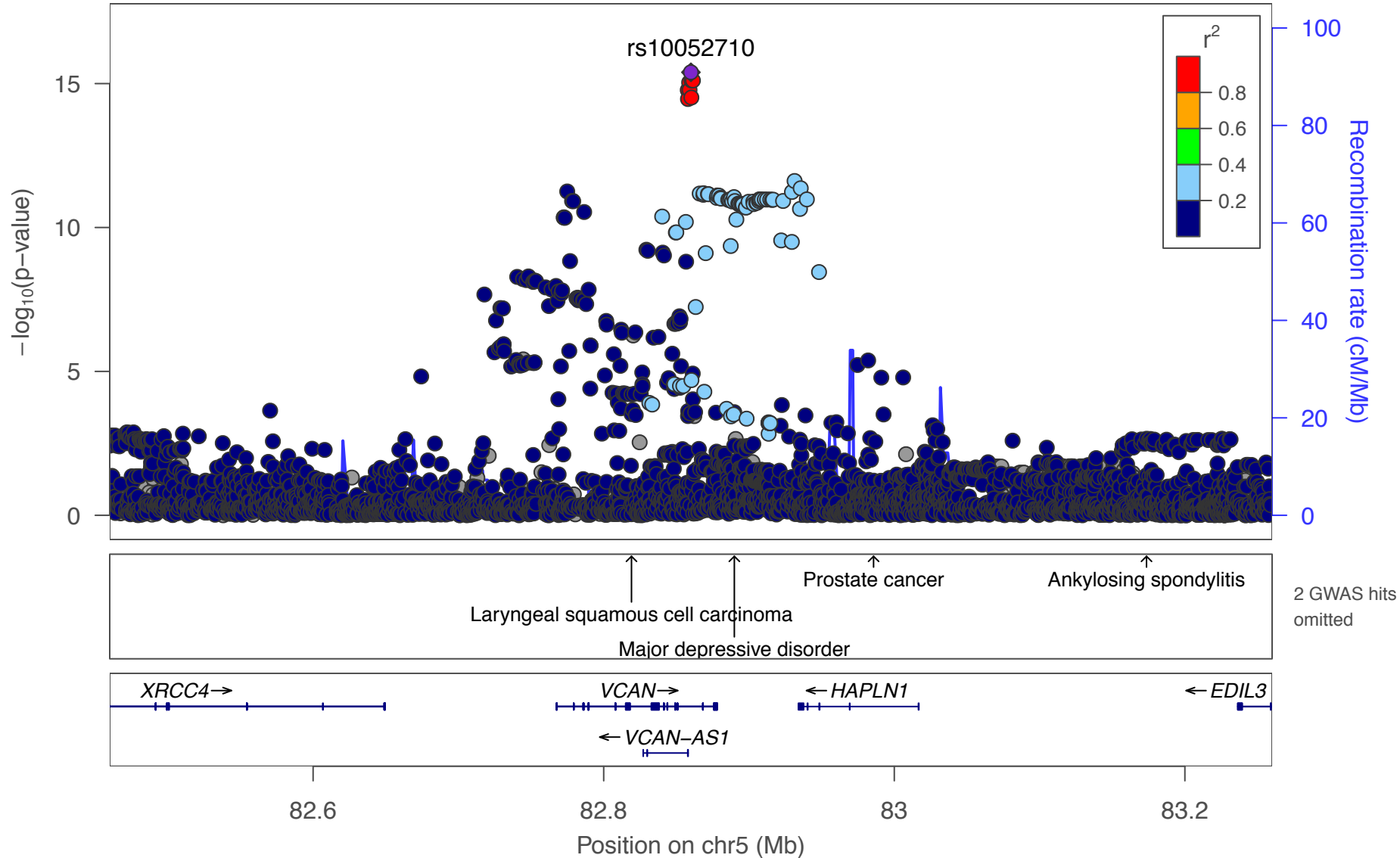
max P.value: 10E–1 [chr5:83007358]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Retrolenticular_part_of_internal_capsule_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 4.06E–16 [chr5:82860025]

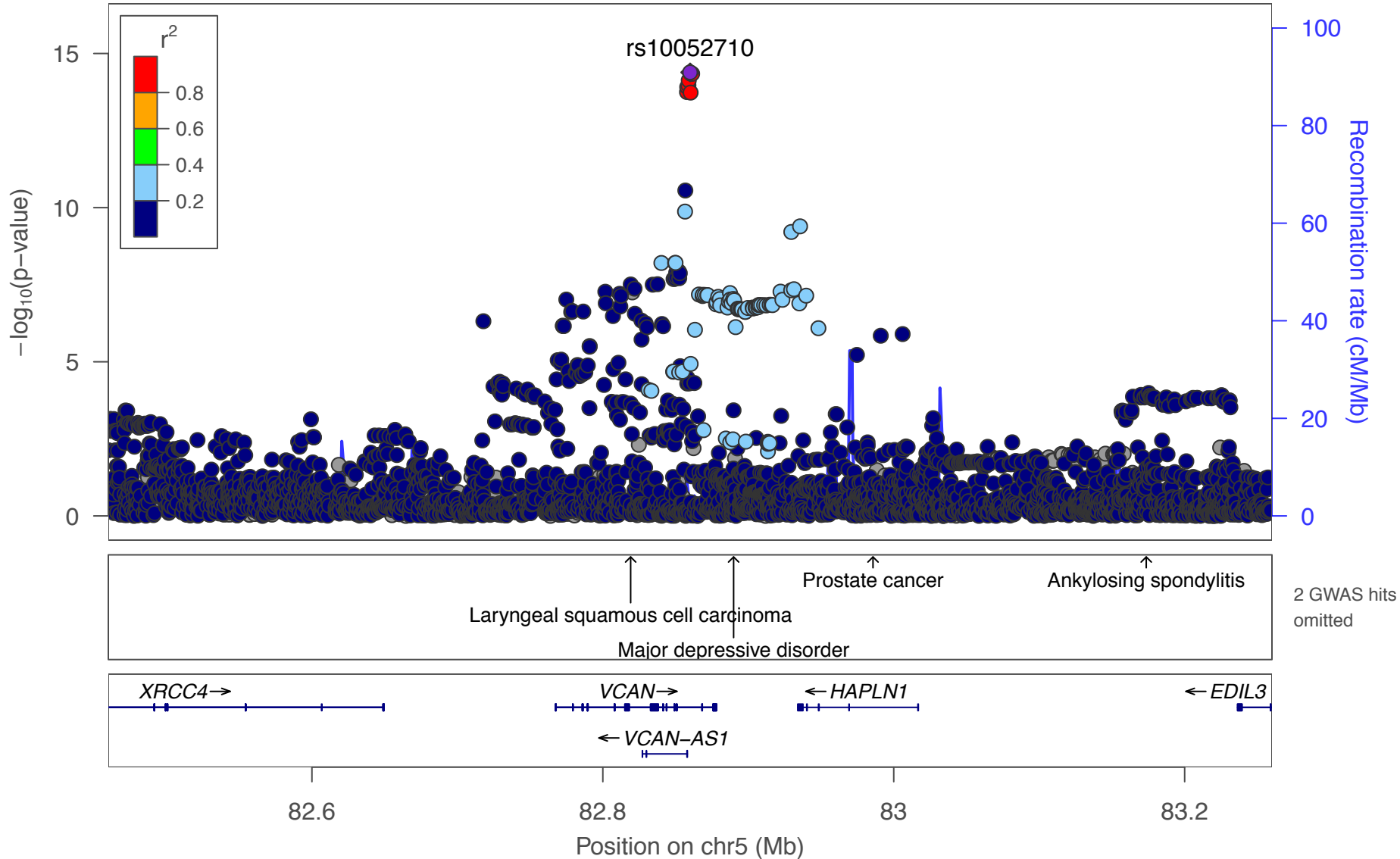
max P.value: 9.99E–1 [chr5:82762095]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Retrolenticular_part_of_internal_capsule_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 4.1E–15 [chr5:82860025]

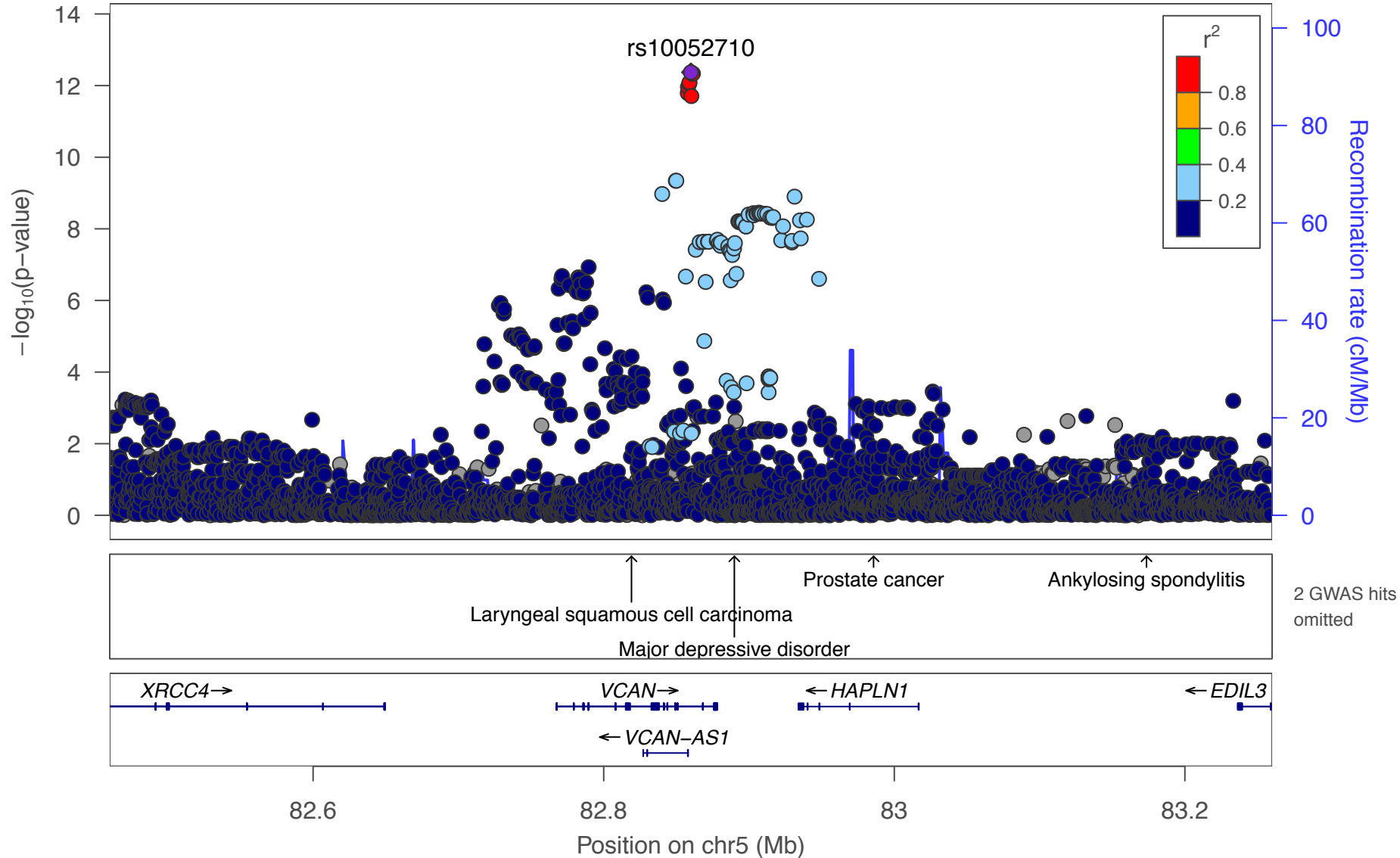
max P.value: 10E–1 [chr5:82566020]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Posterior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 4.26E–13 [chr5:82860025]

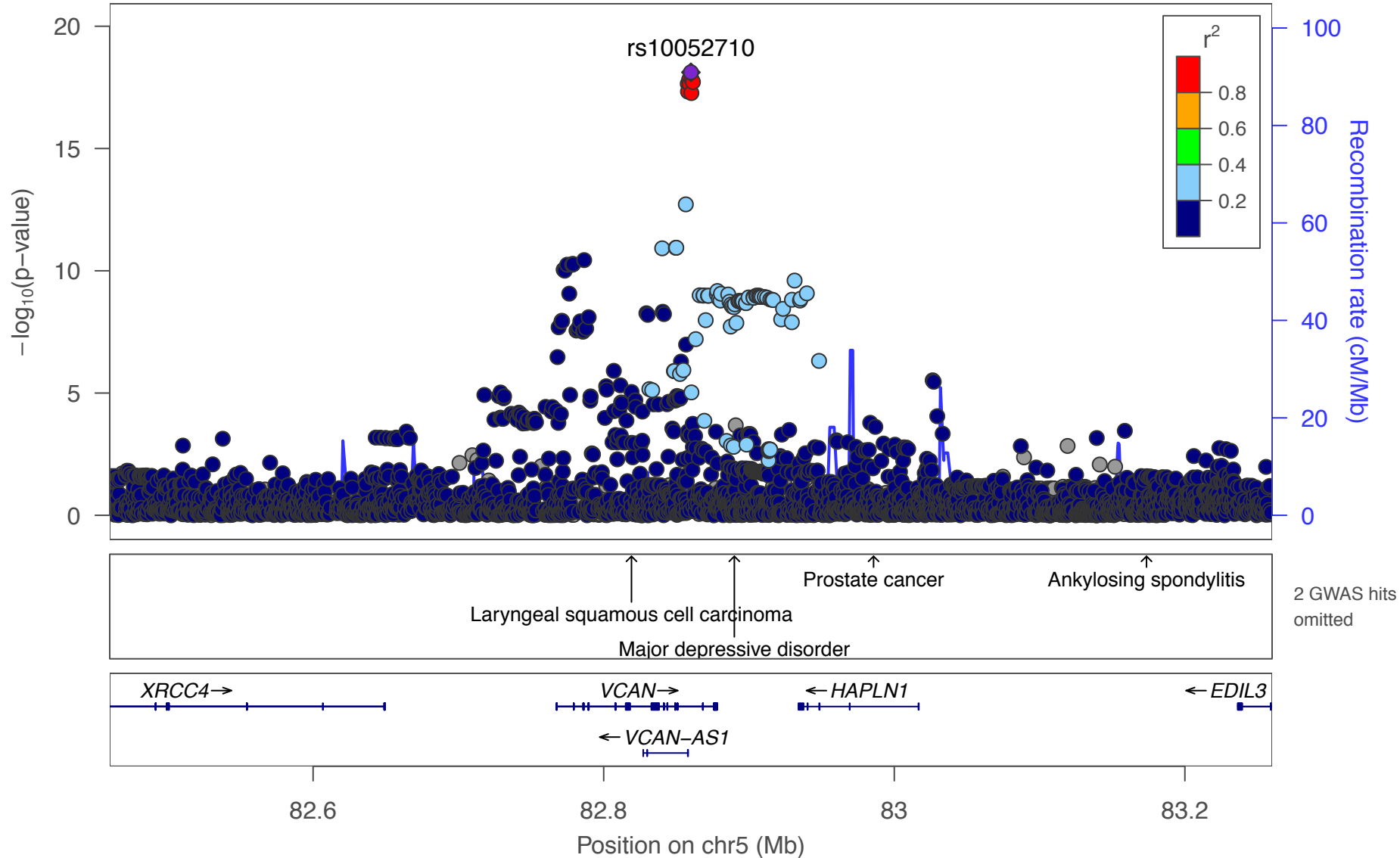
max P.value: 10E–1 [chr5:83078656]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Posterior_thalamic_radiation_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 7.64E–19 [chr5:82860025]

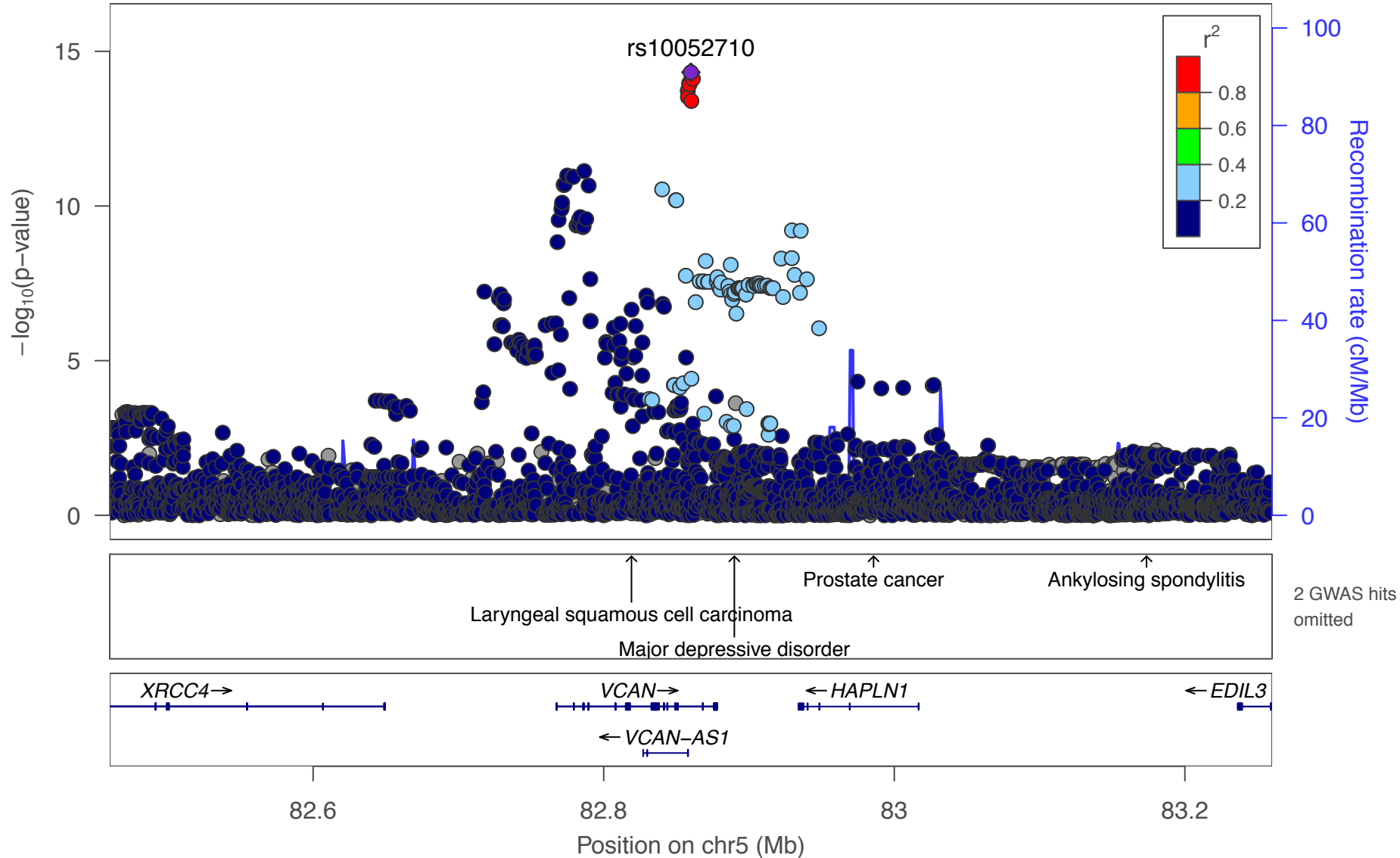
max P.value: 10E–1 [chr5:82502188]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Superior_longitudinal_fasciculus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 4.76E–15 [chr5:82860025]

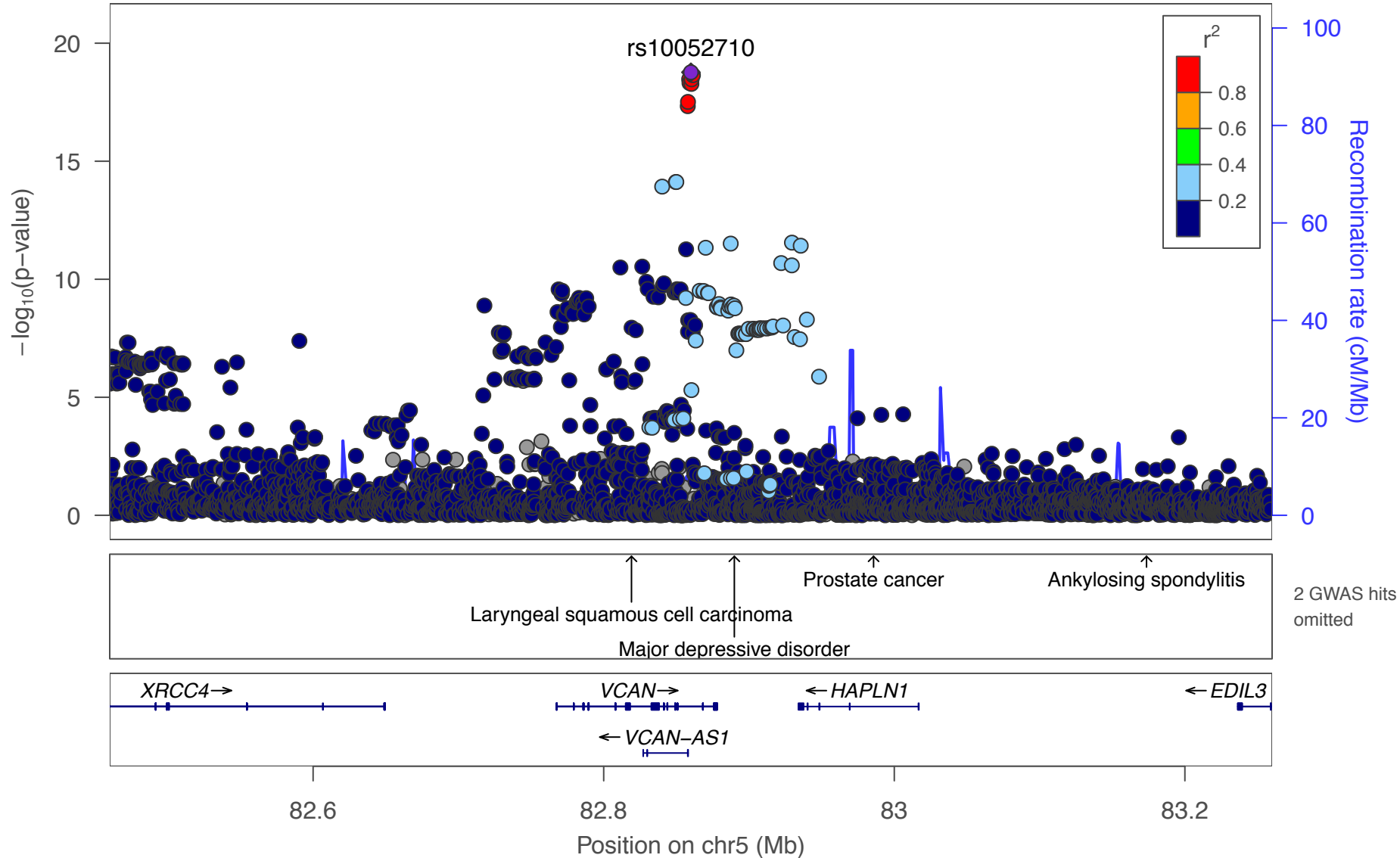
max P.value: 10E–1 [chr5:82521618]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Middle_cerebellar_peduncle



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.71E–19 [chr5:82860025]

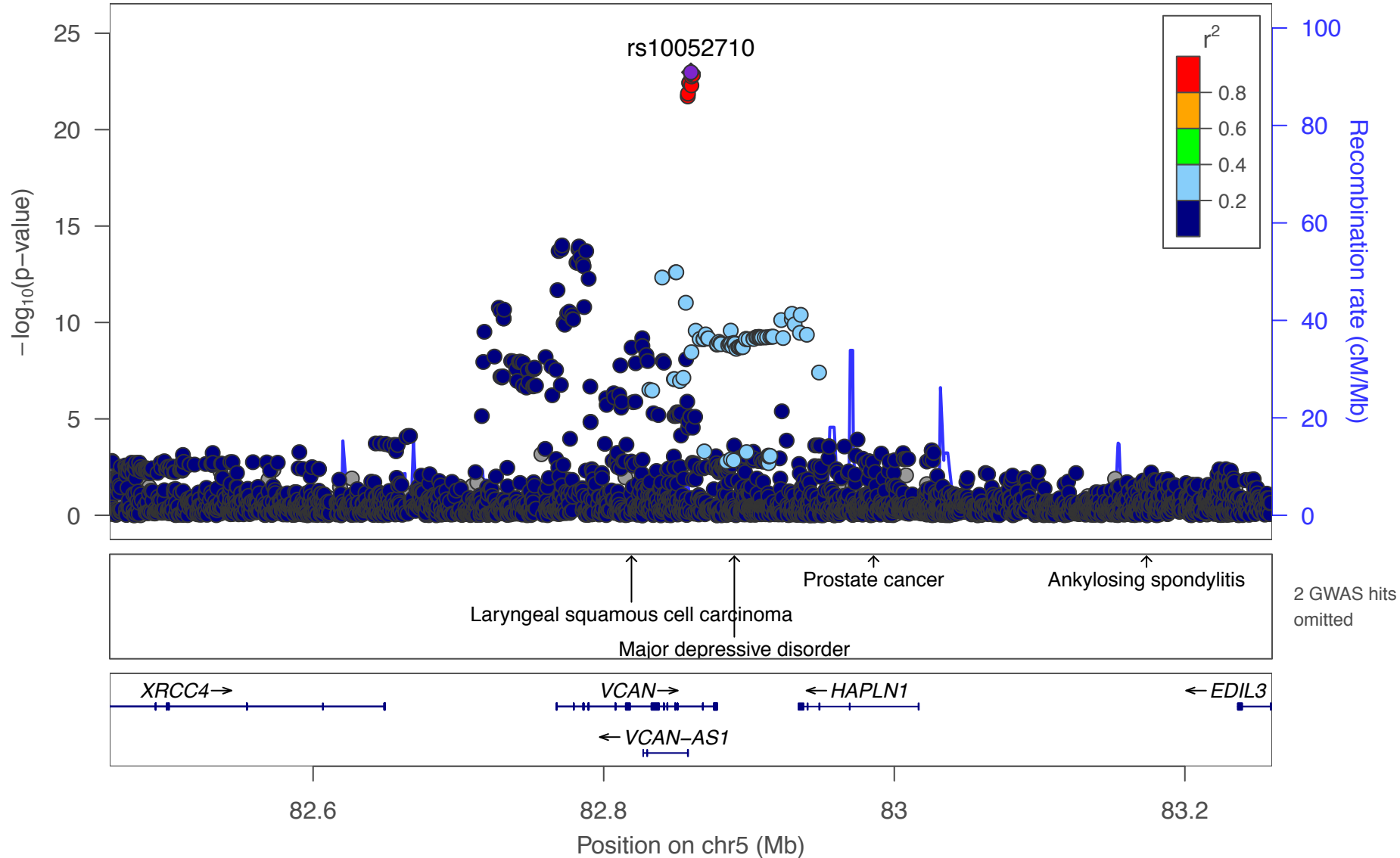
max P.value: 9.99E–1 [chr5:82907161]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Body_of_corpus_callosum



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.06E–23 [chr5:82860025]

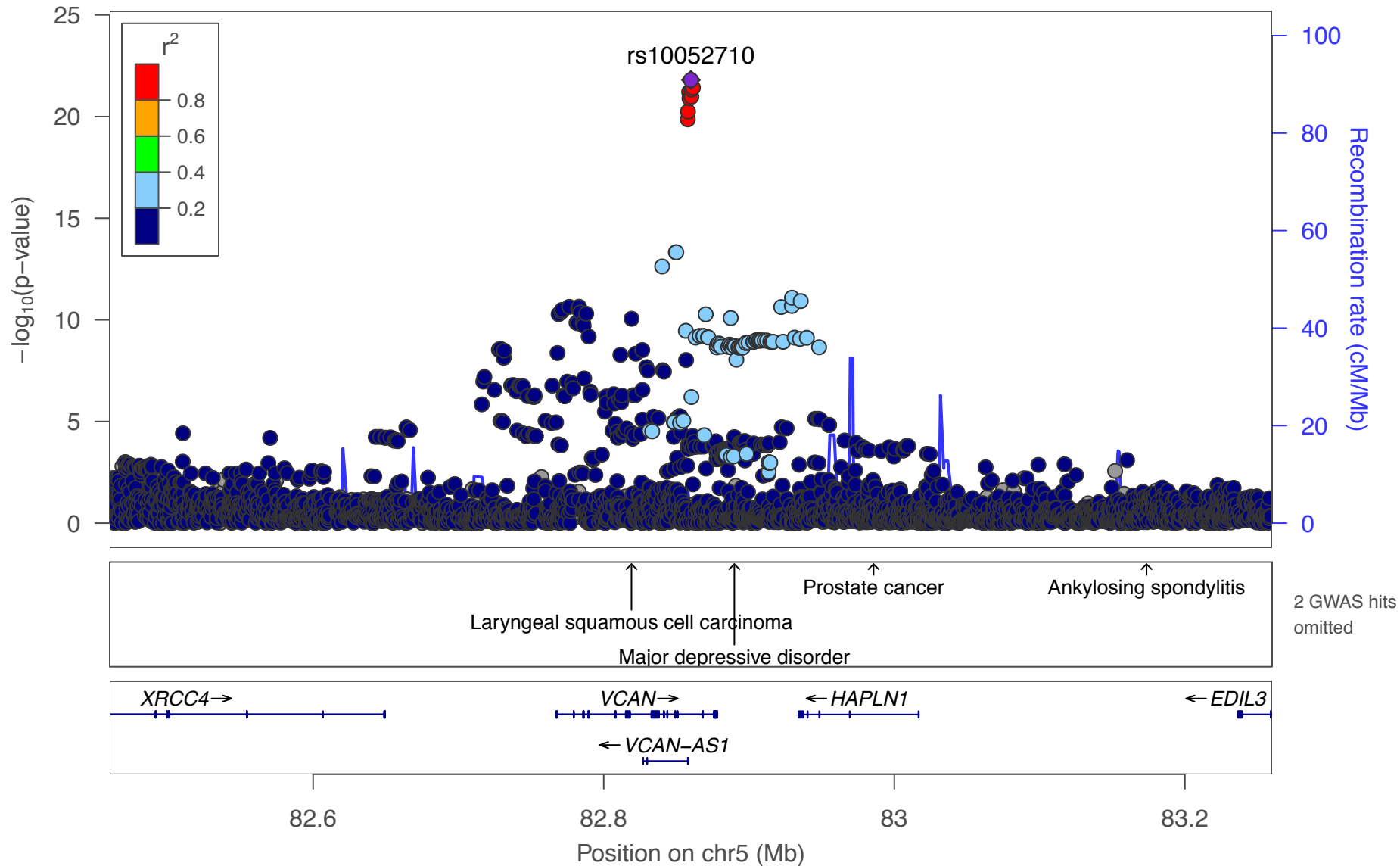
max P.value: 10E–1 [chr5:82477097]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Splenium_of_corpus_callosum



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.57E–22 [chr5:82860025]

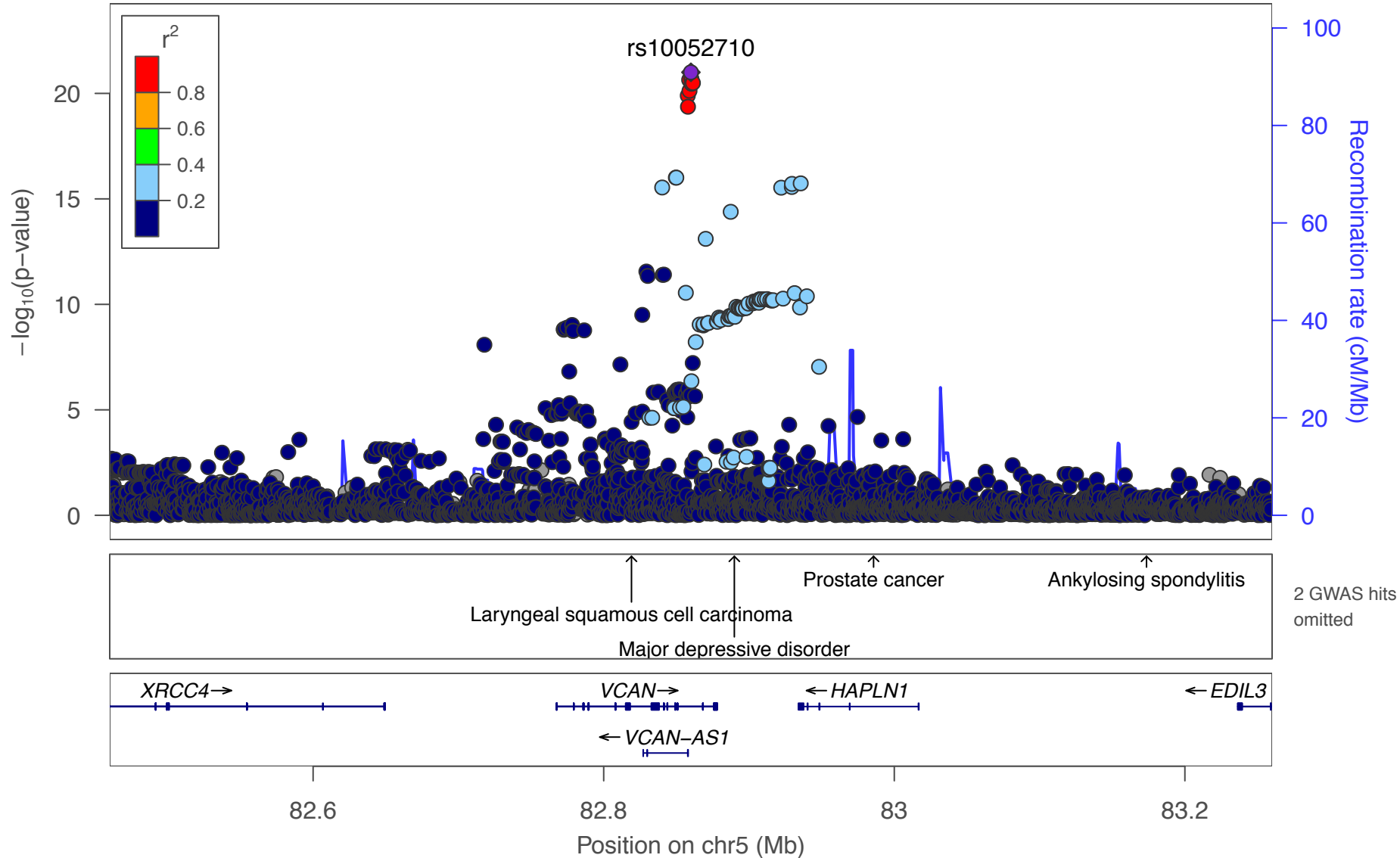
max P.value: 9.99E–1 [chr5:83072612]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Inferior_cerebellar_peduncle_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1E–21 [chr5:82860025]

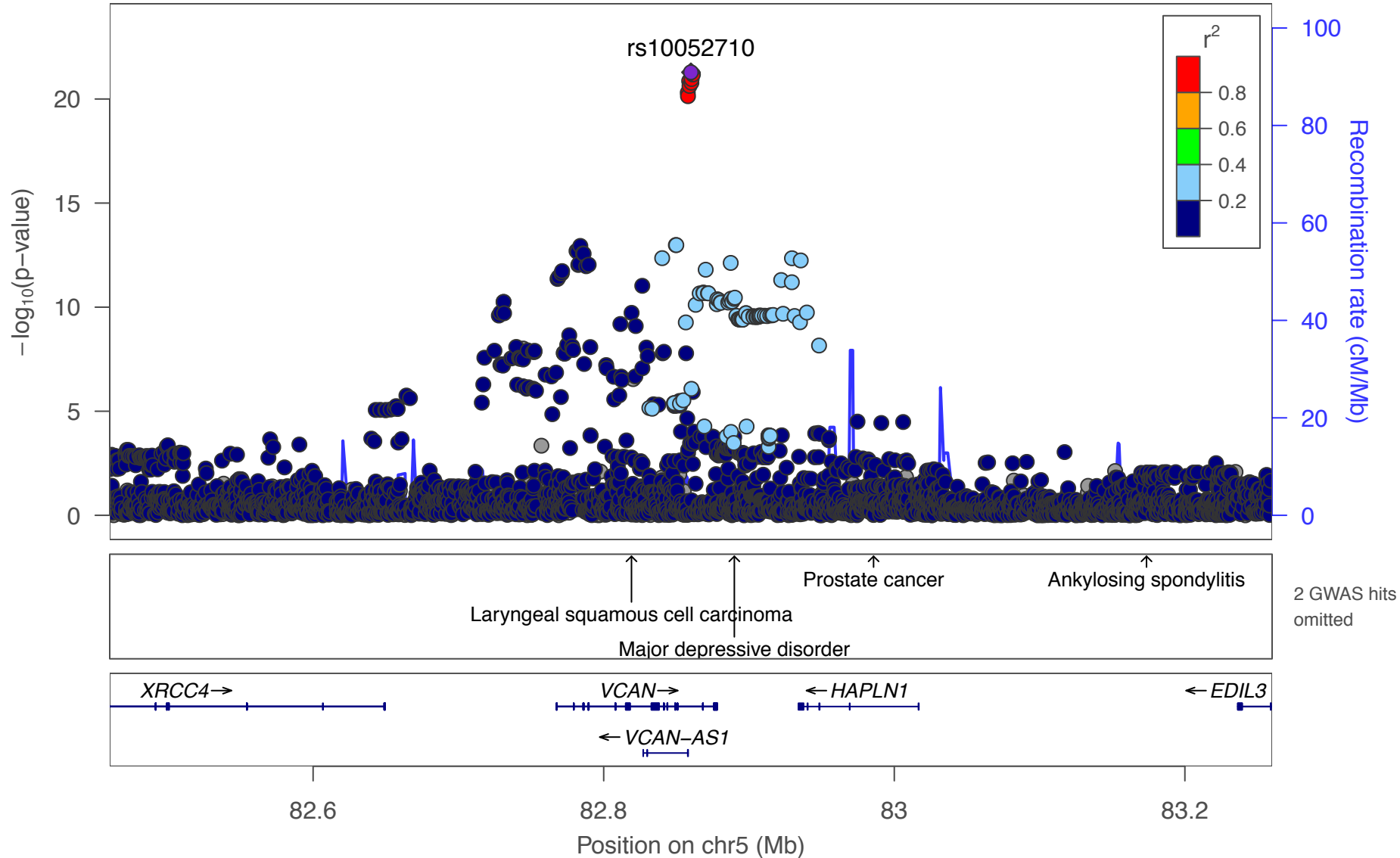
max P.value: 10E–1 [chr5:82568930]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Posterior_limb_of_internal_capsule_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 5.21E–22 [chr5:82860025]

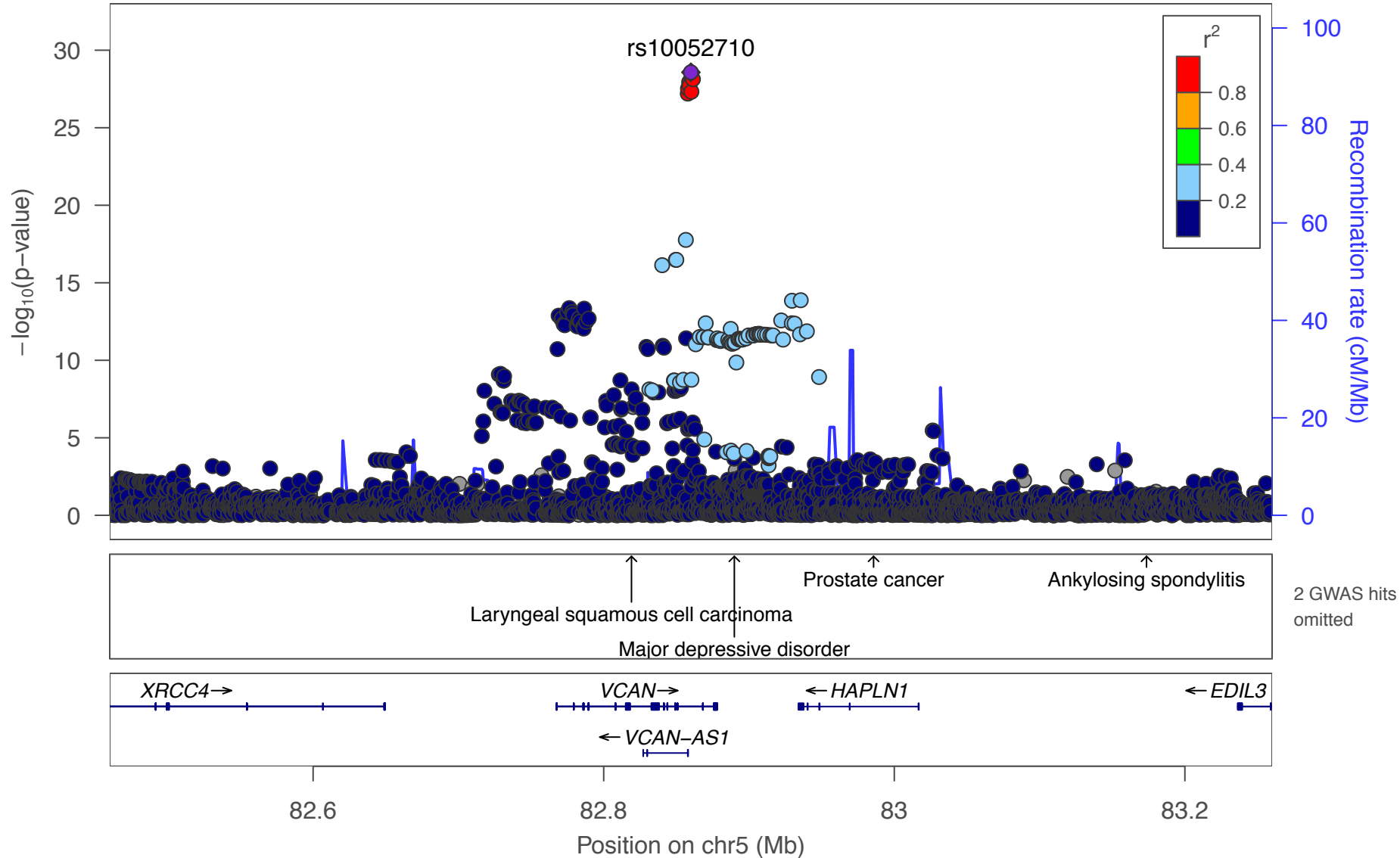
max P.value: 9.99E–1 [chr5:83125143]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Posterior_thalamic_radiation_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 2.65E–29 [chr5:82860025]

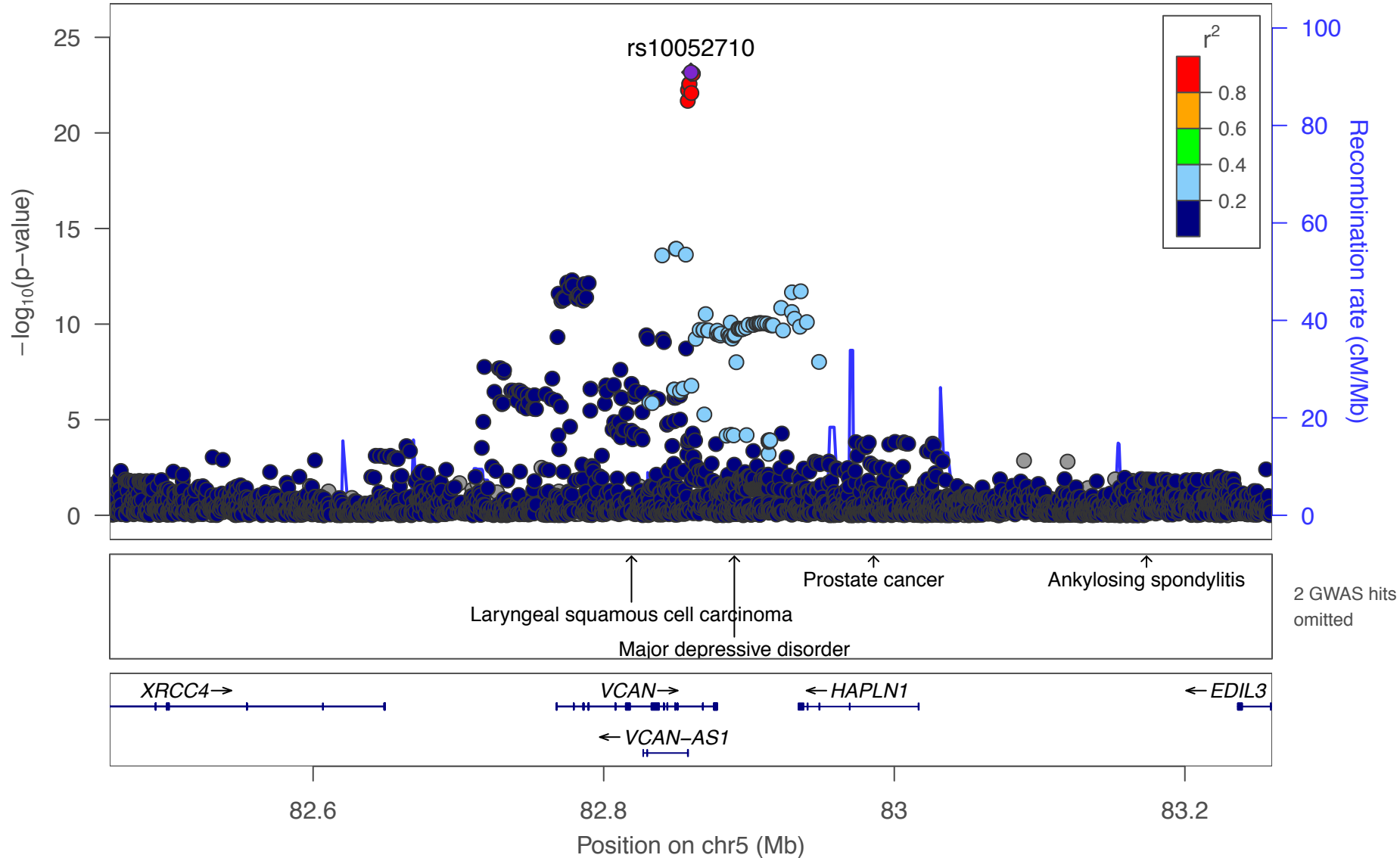
max P.value: 10E–1 [chr5:82775906]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Posterior_thalamic_radiation_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 6.75E–24 [chr5:82860025]

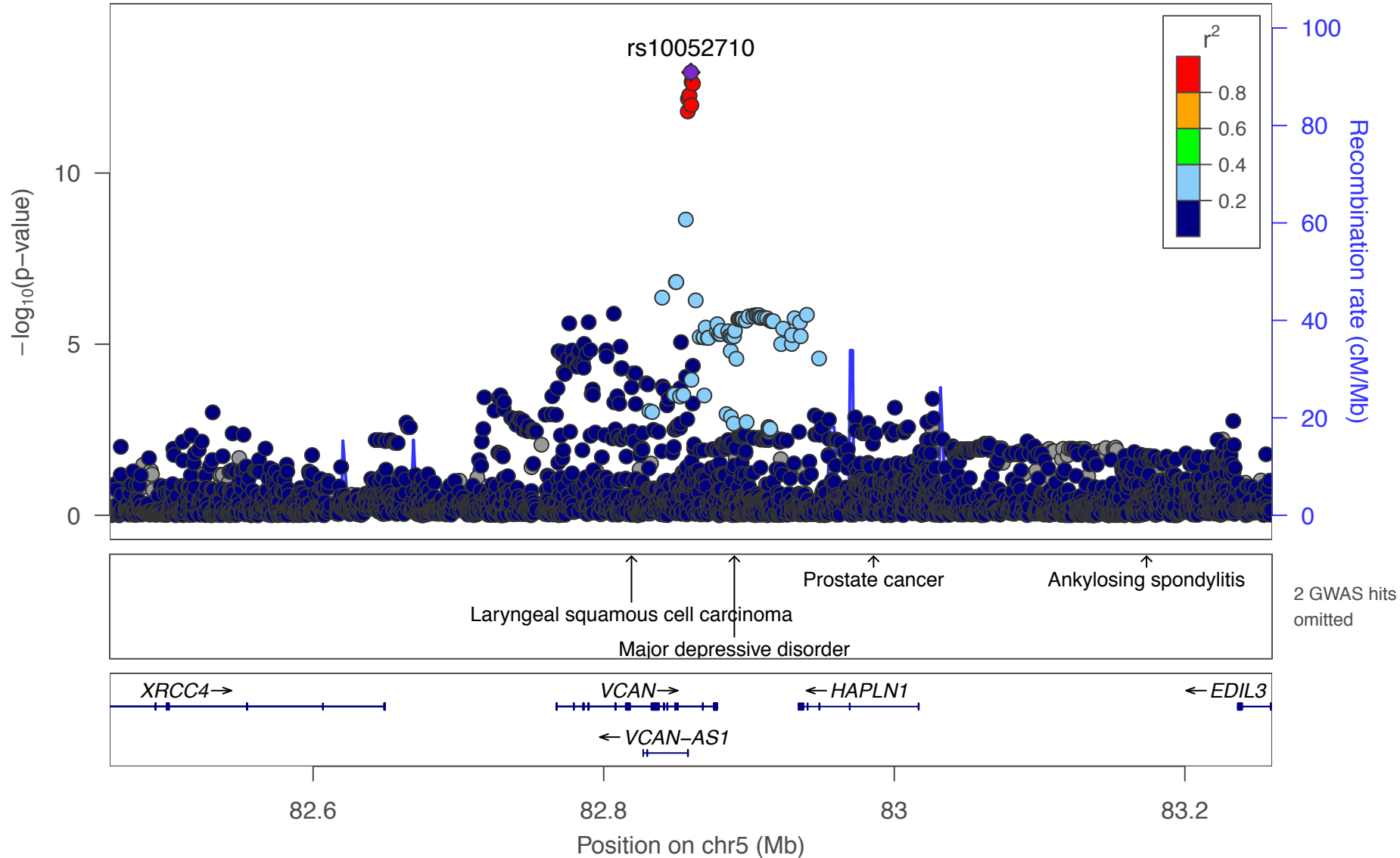
max P.value: 10E–1 [chr5:82640336]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Tapetum_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.14E–13 [chr5:82860025]

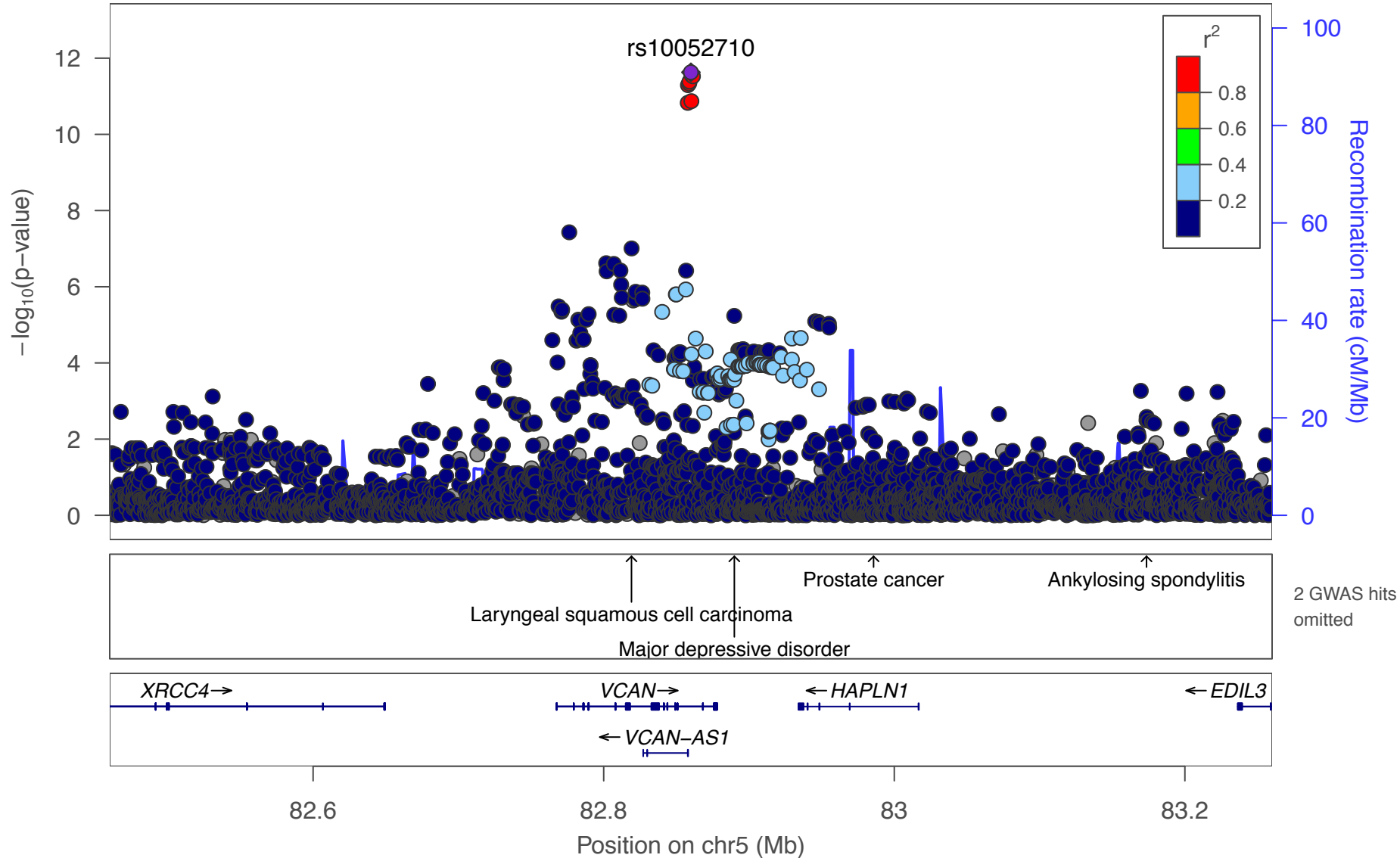
max P.value: 10E–1 [chr5:83136574]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Tapetum_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 2.35E–12 [chr5:82860025]

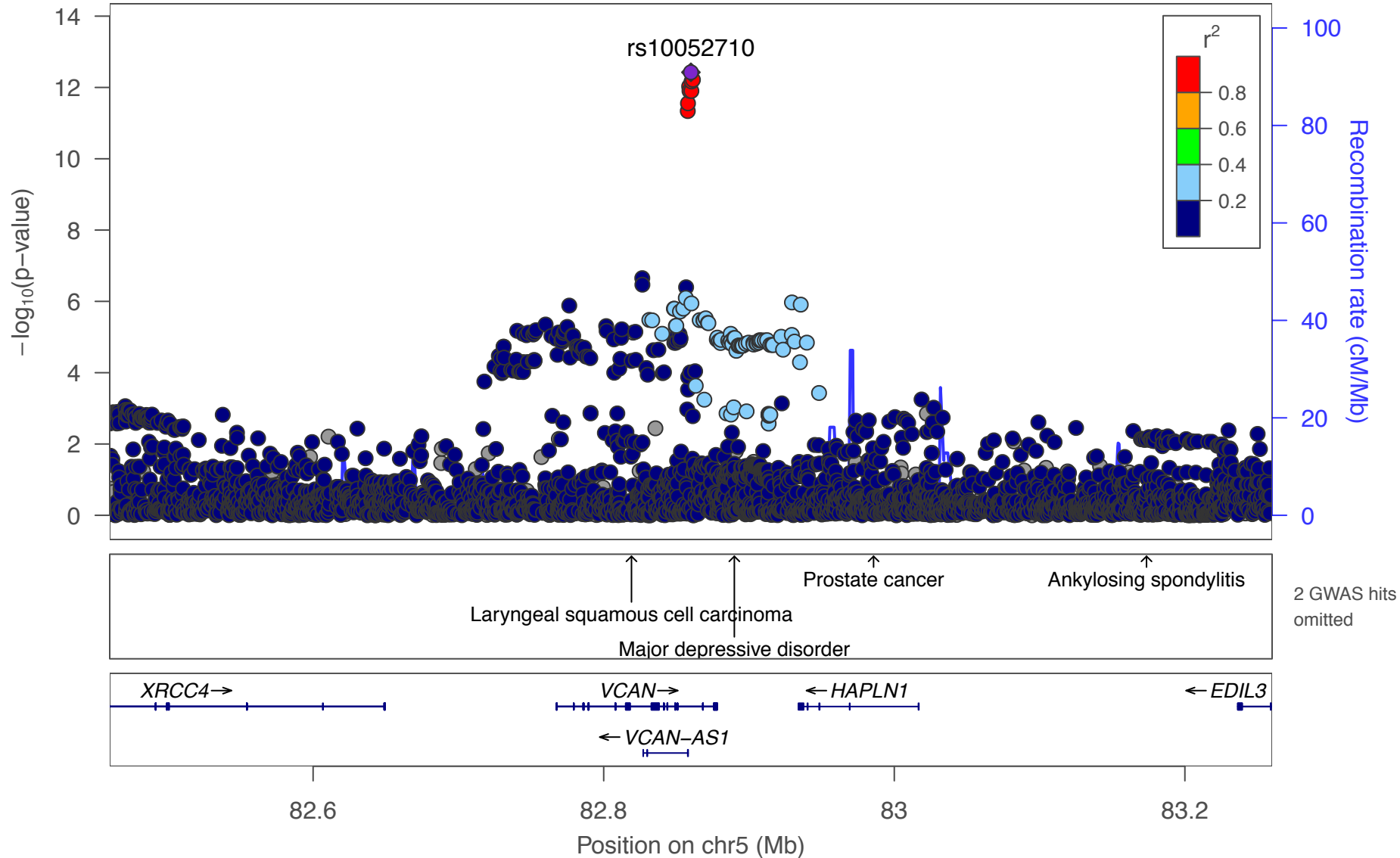
max P.value: 10E–1 [chr5:82885093]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_FA_atr_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 3.76E–13 [chr5:82860025]

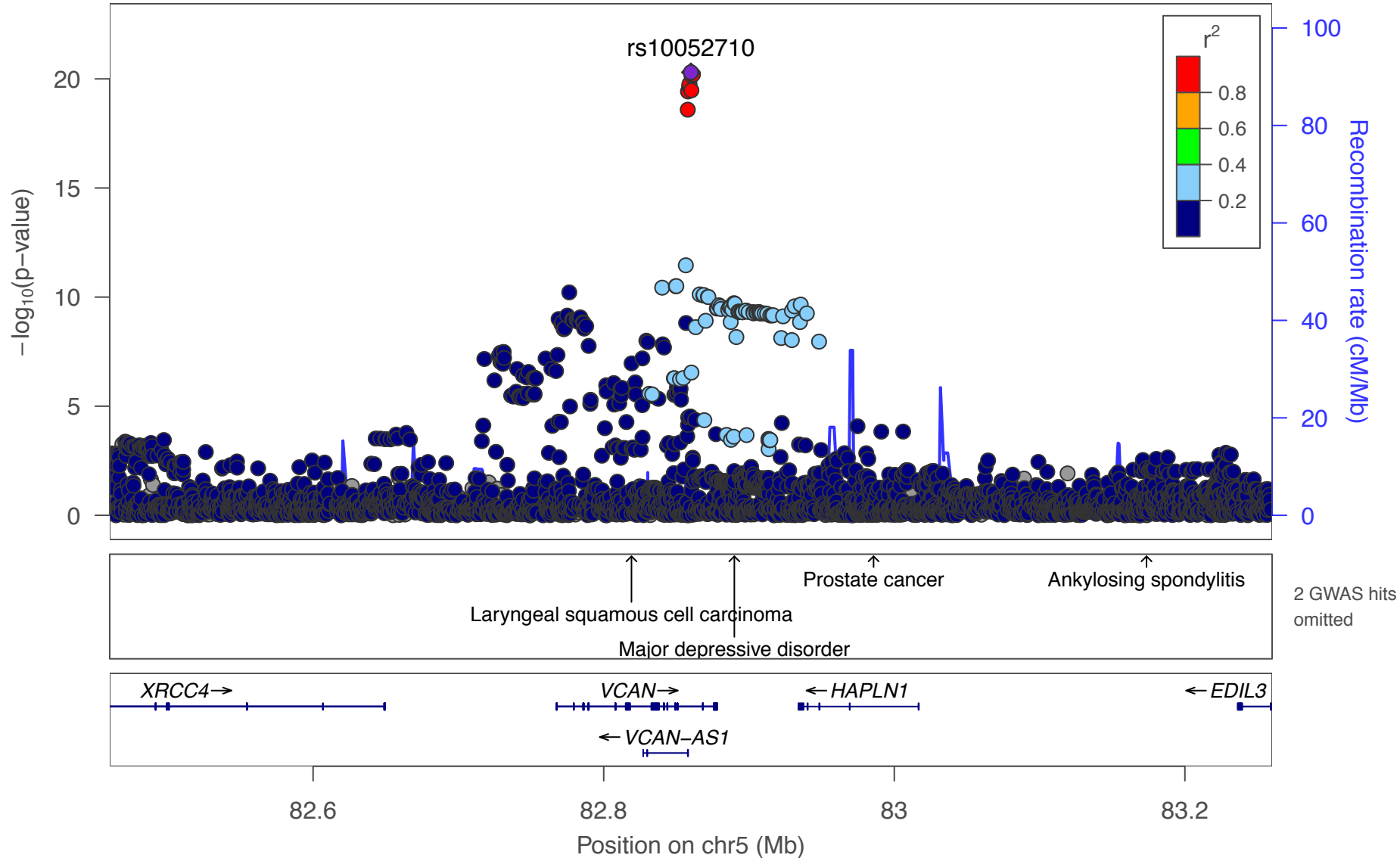
max P.value: 10E–1 [chr5:82831442]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_FA_ifo_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 5E–21 [chr5:82860025]

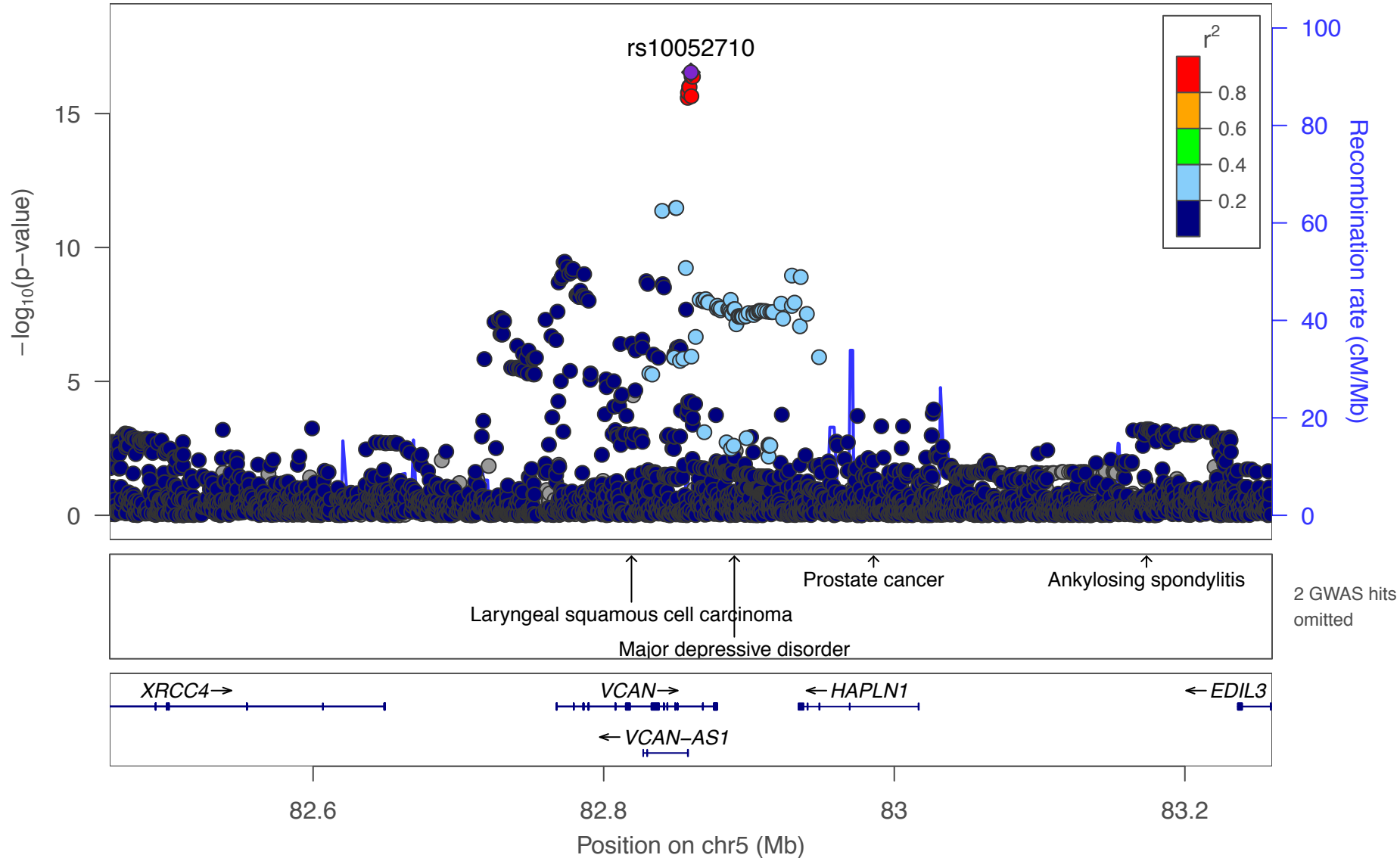
max P.value: 10E–1 [chr5:82749099]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProtrackX_FA_ifo_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 2.88E–17 [chr5:82860025]

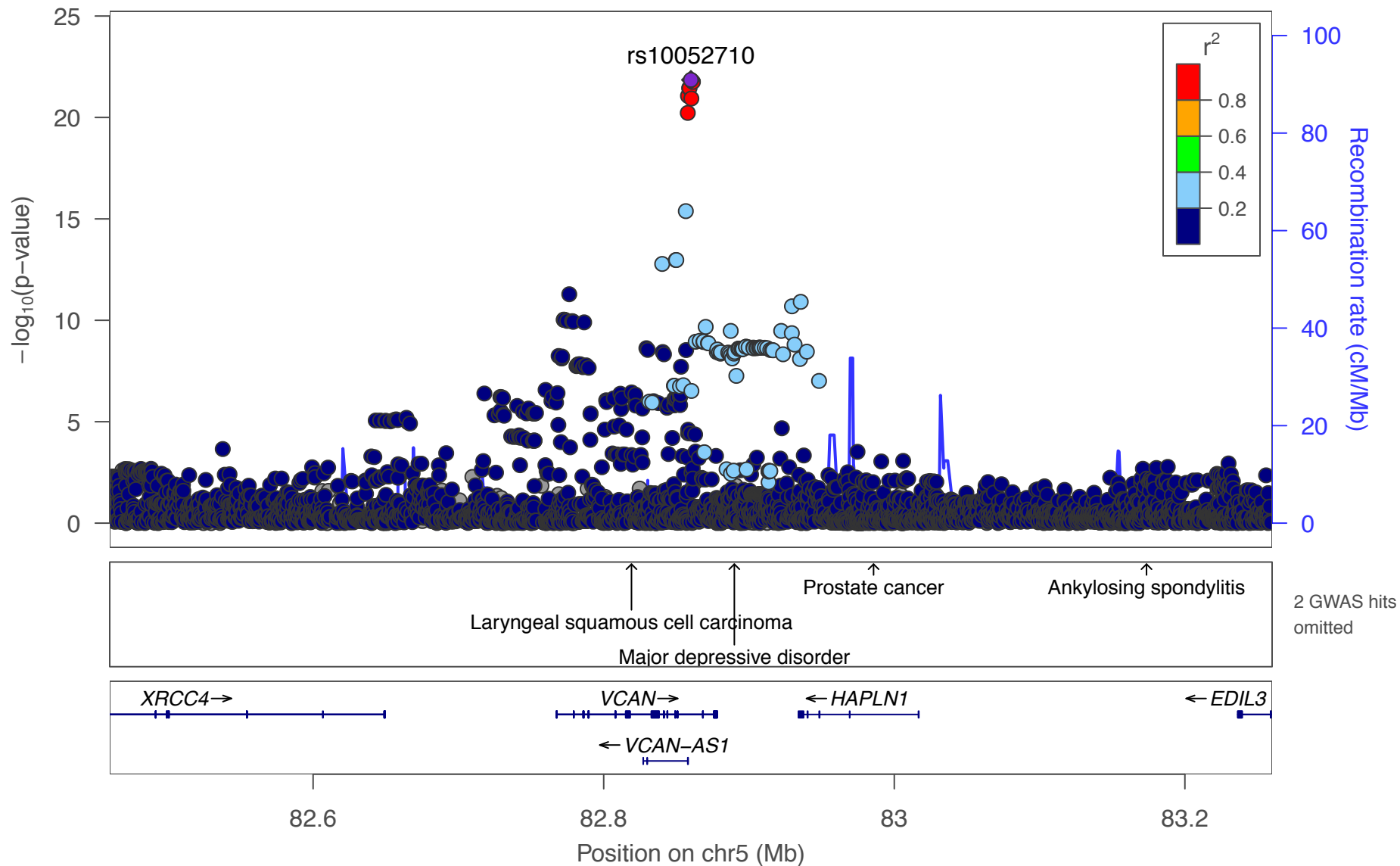
max P.value: 9.99E–1 [chr5:82845489]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProtrackX_FA_ilf_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.41E–22 [chr5:82860025]

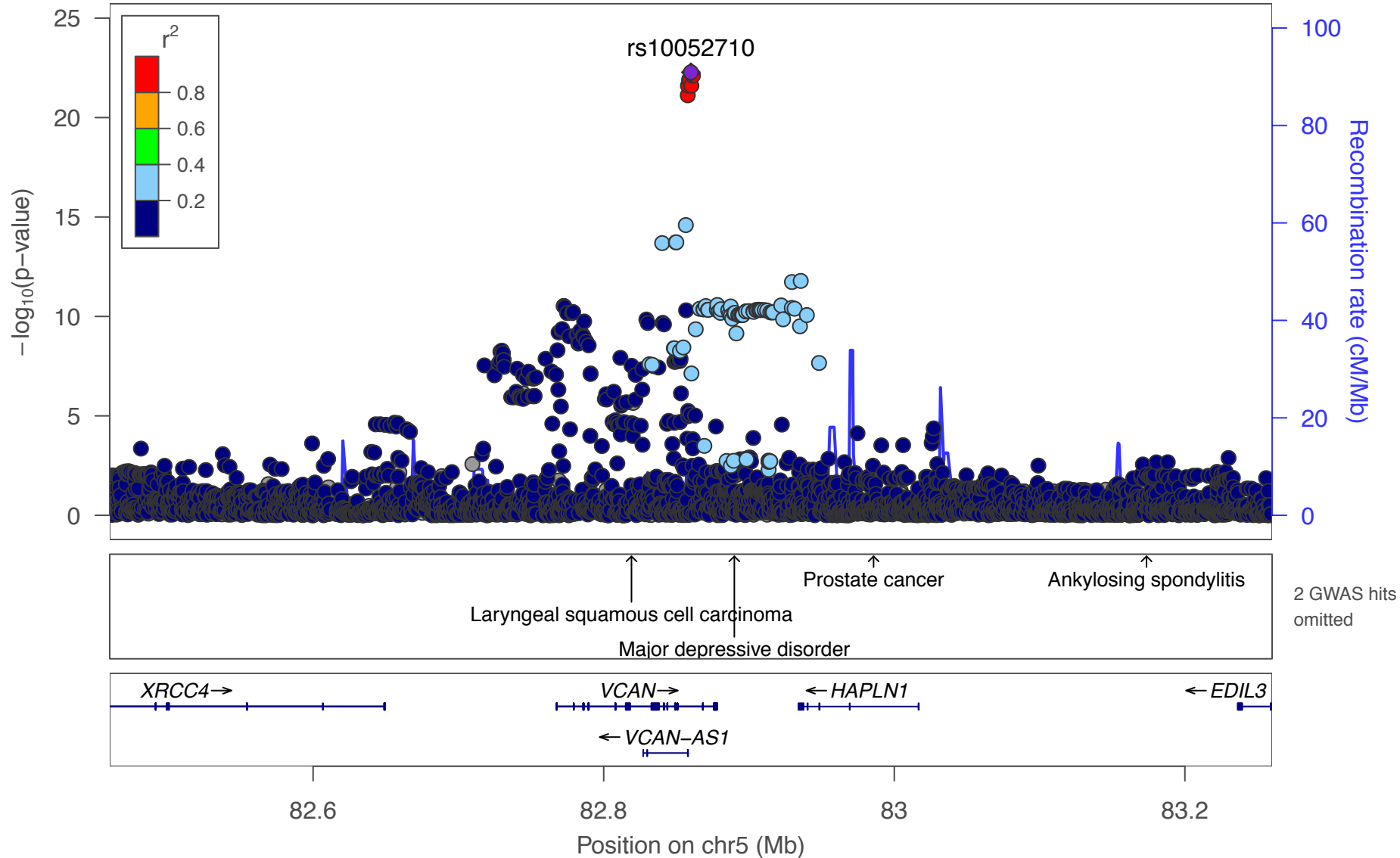
max P.value: 10E–1 [chr5:83158123]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProtrackX_FA_ilf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 5.3E–23 [chr5:82860025]

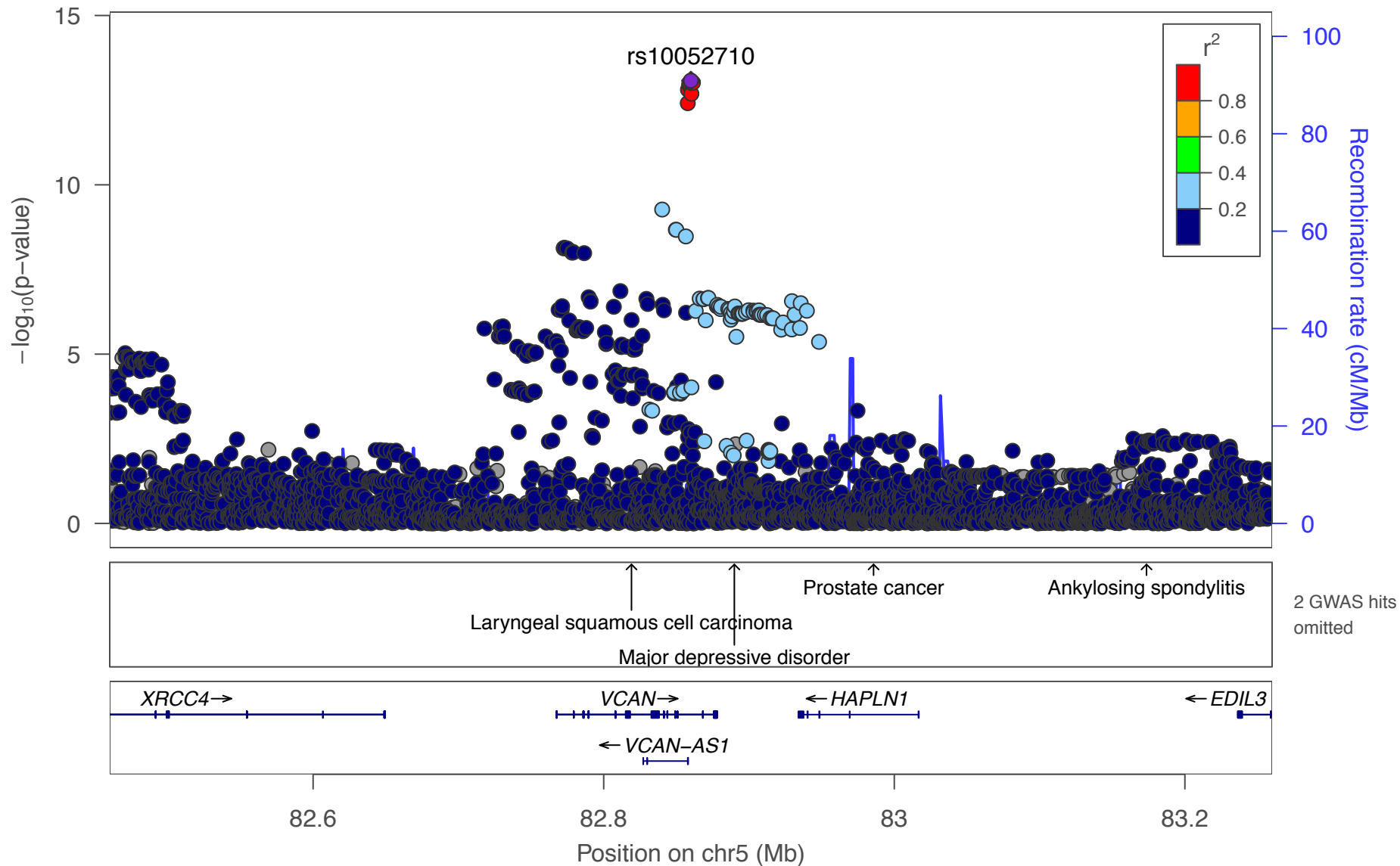
max P.value: 10E–1 [chr5:83162320]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_FA_slf_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 8.36E–14 [chr5:82860025]

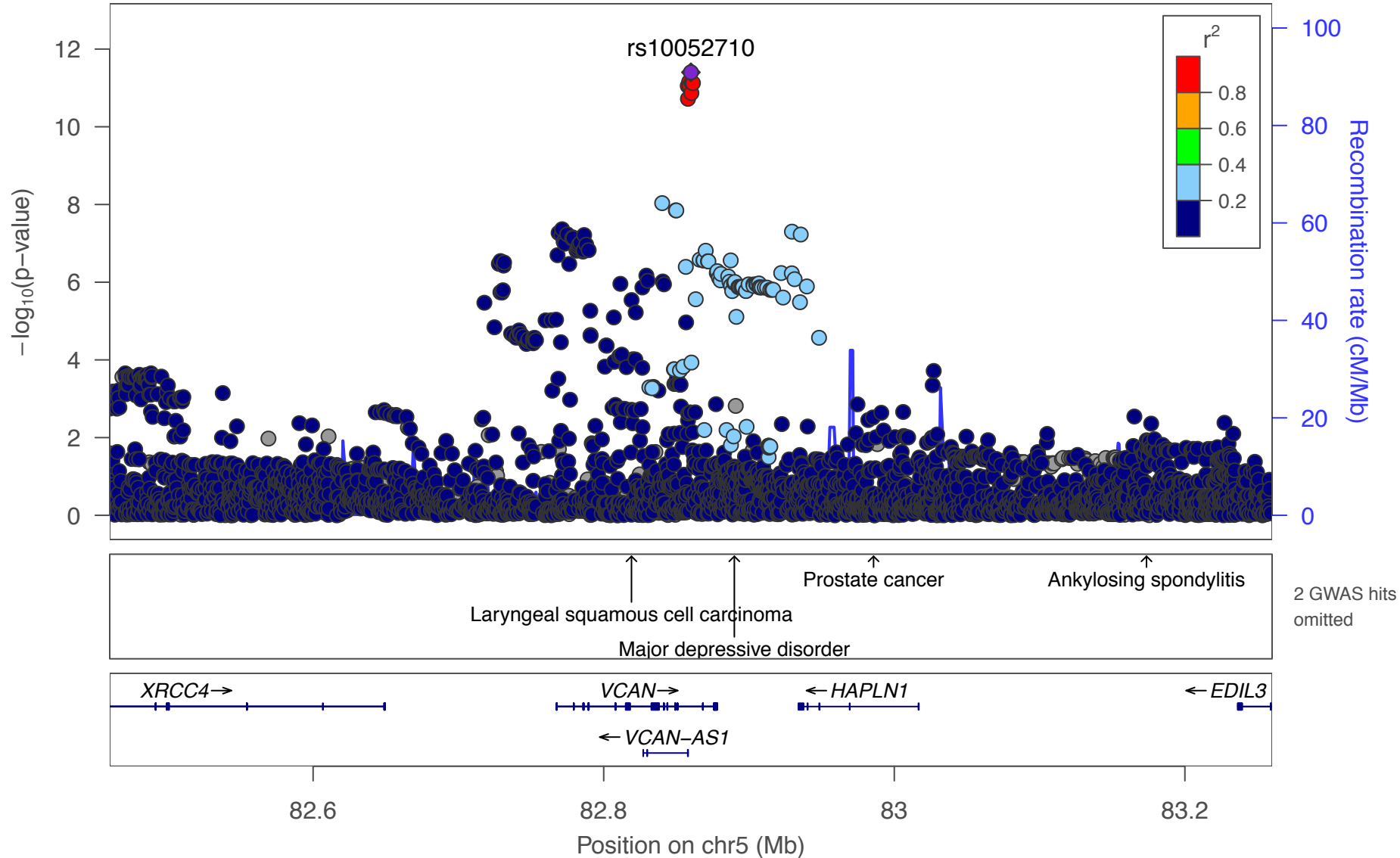
max P.value: 10E–1 [chr5:82857173]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_FA_slf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 3.96E–12 [chr5:82860025]

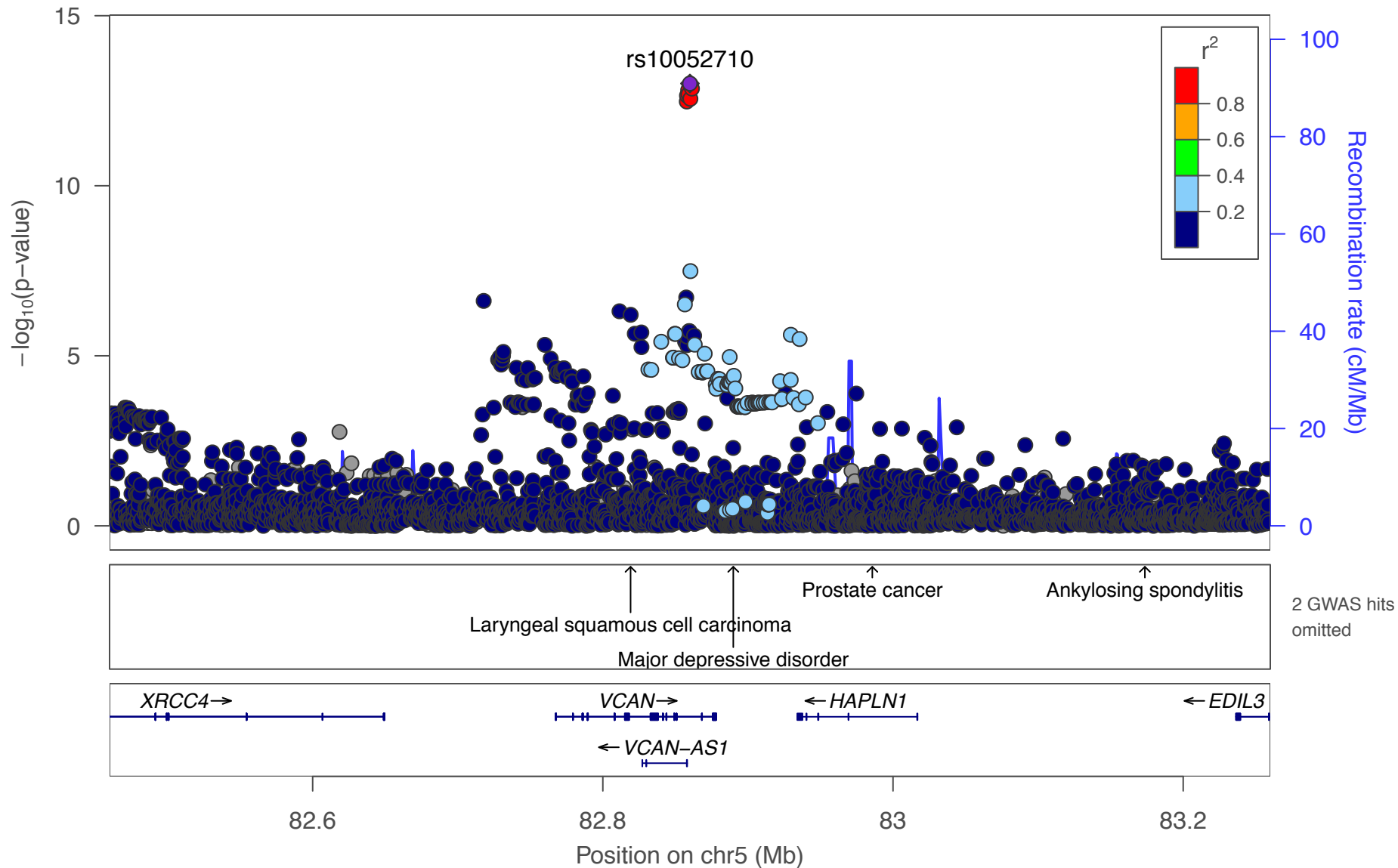
max P.value: 10E–1 [chr5:82959109]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L3_cgc_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 9.86E–14 [chr5:82860025]

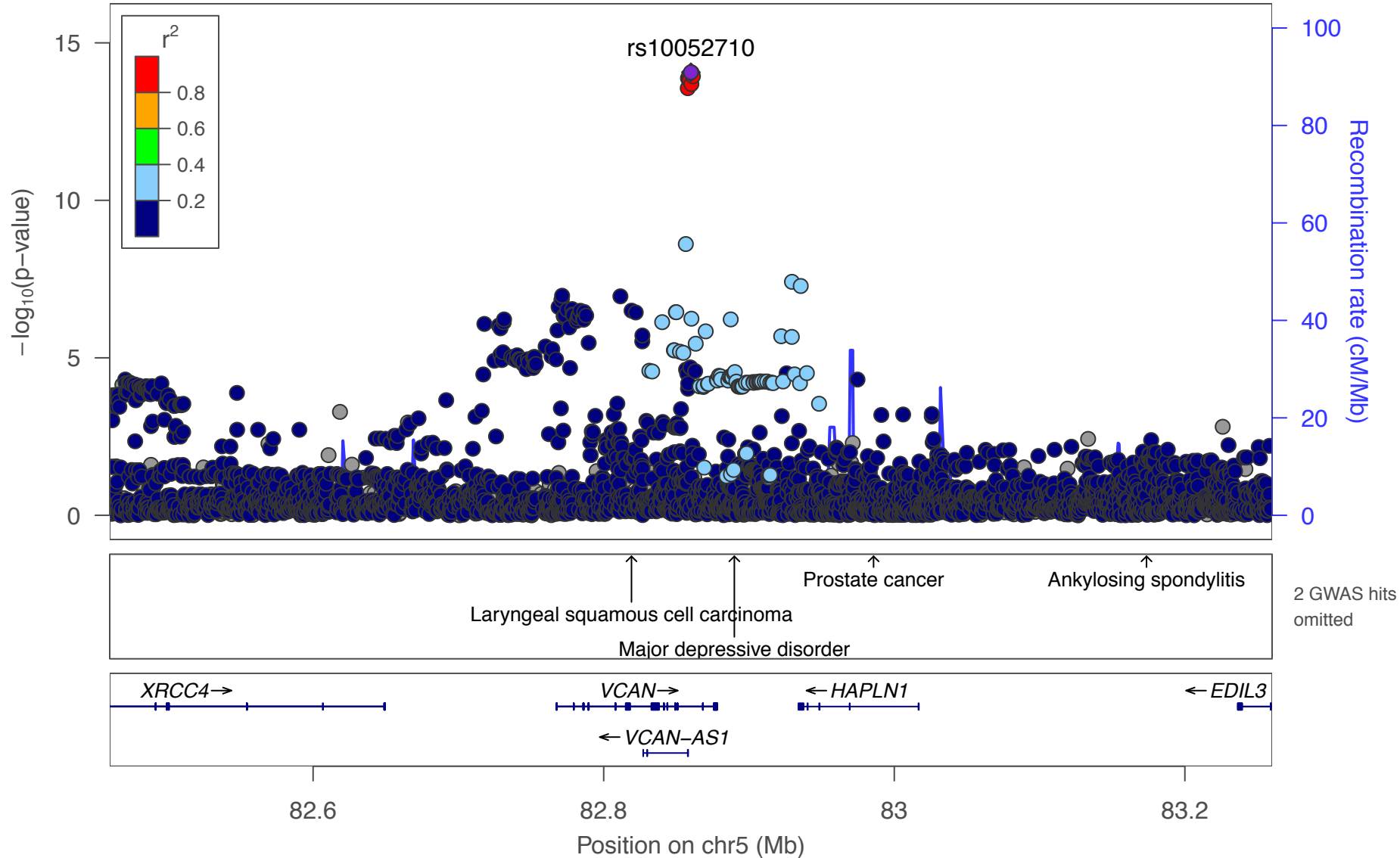
max P.value: 10E–1 [chr5:82990933]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L3_cgc_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 8.61E–15 [chr5:82860025]

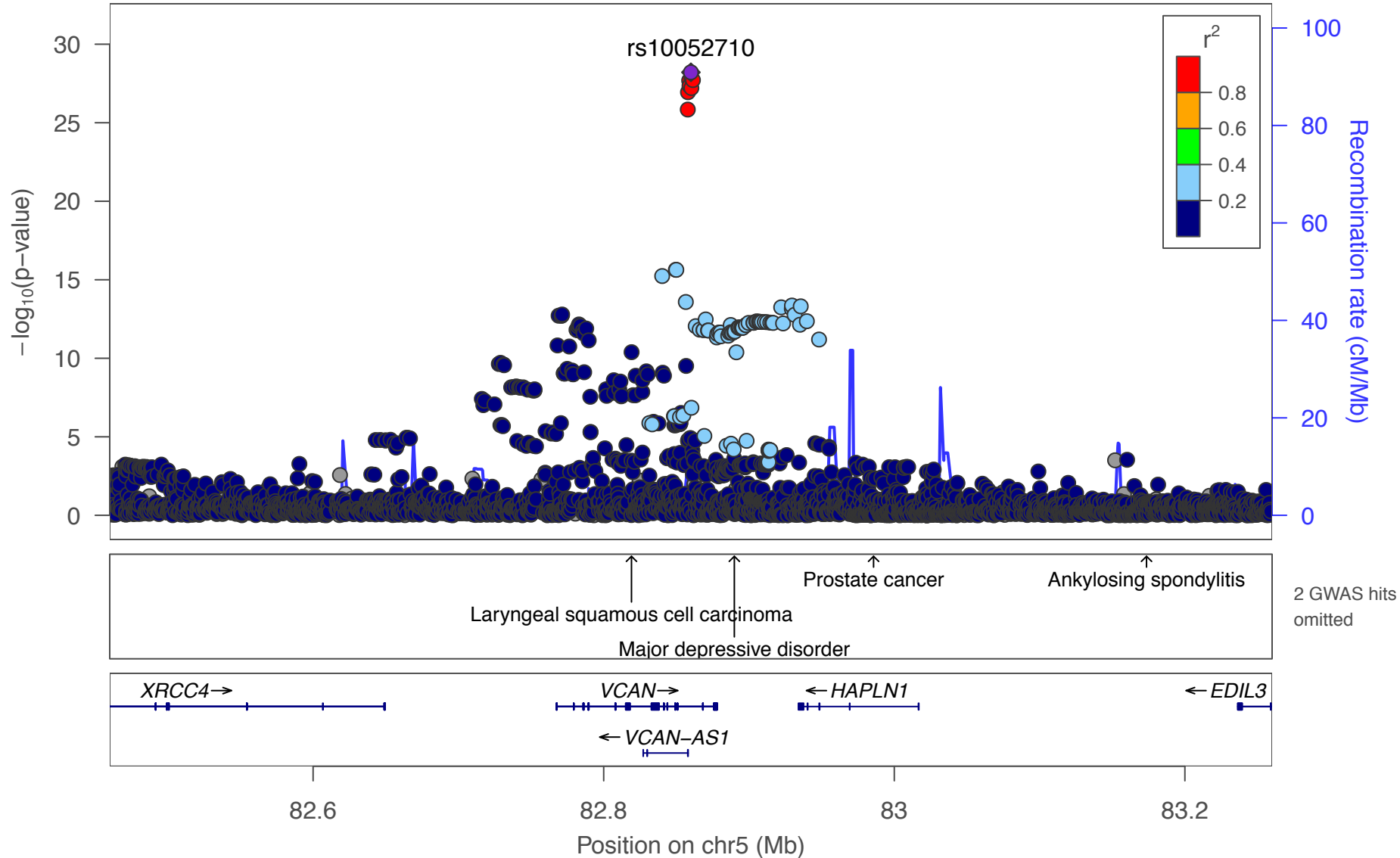
max P.value: 9.99E–1 [chr5:82750346]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_fma



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 6.15E–29 [chr5:82860025]

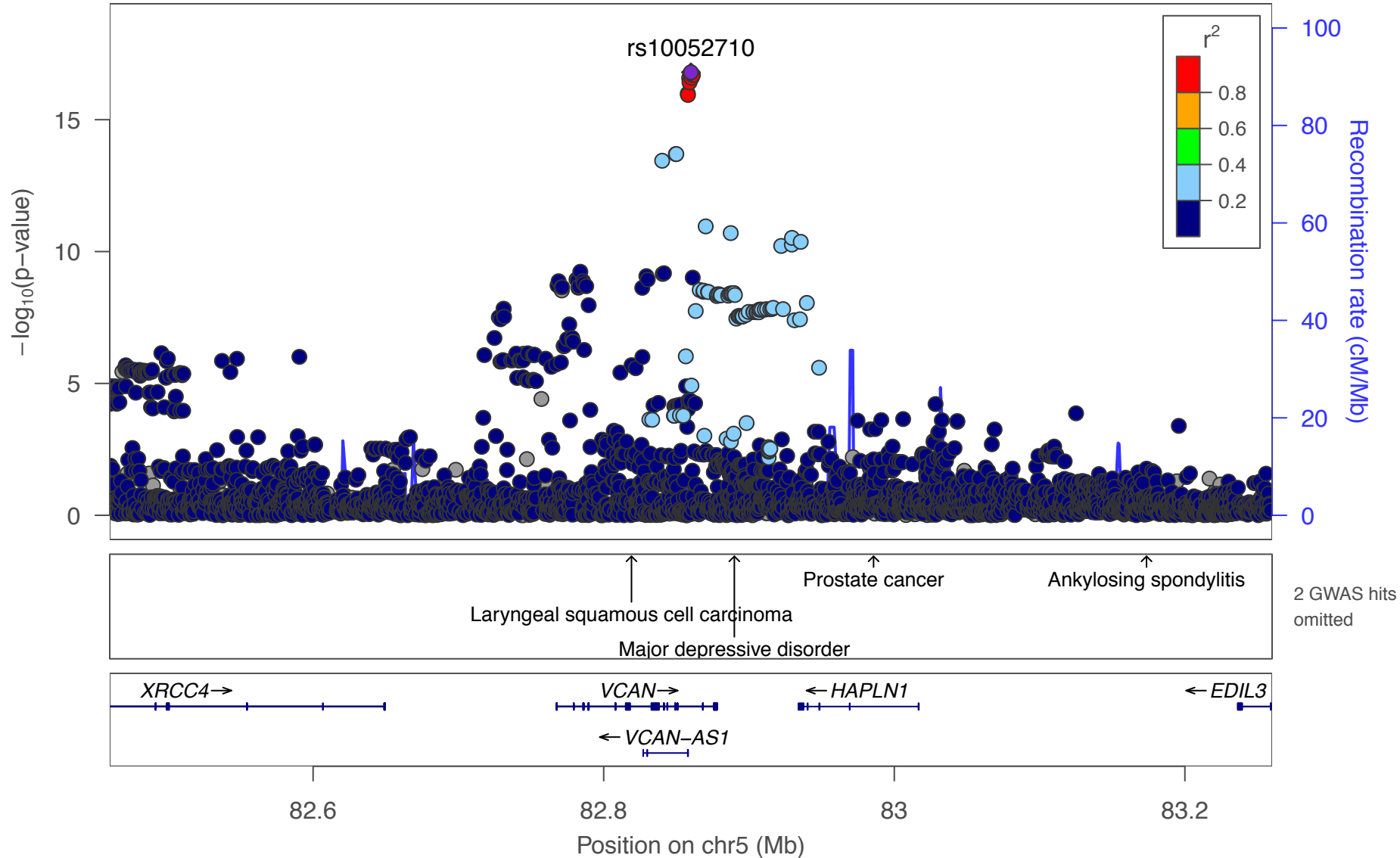
max P.value: 9.99E–1 [chr5:82973987]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_mcp



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 1.6E–17 [chr5:82860025]

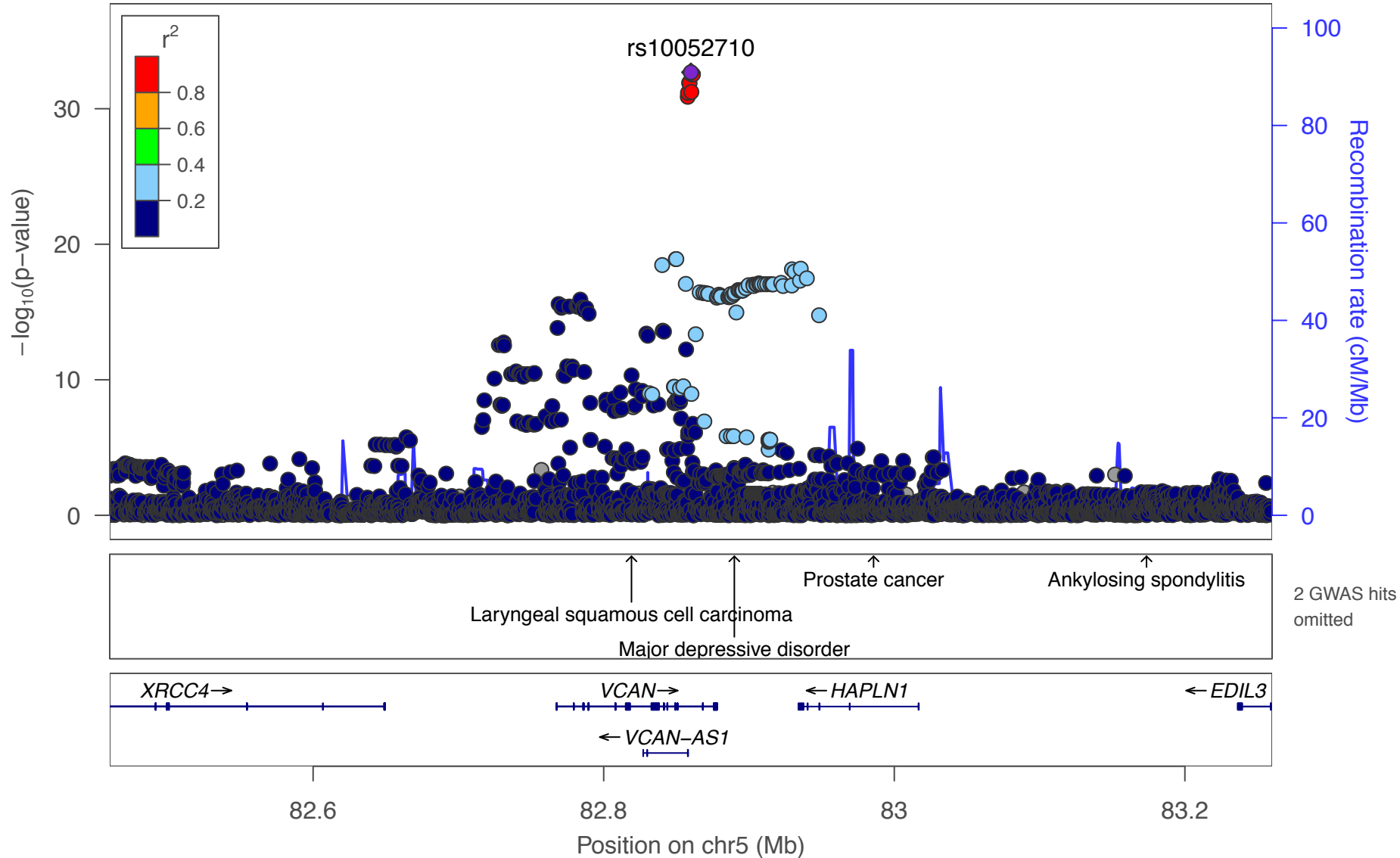
max P.value: 10E–1 [chr5:82574349]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_ptr_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 2.06E–33 [chr5:82860025]

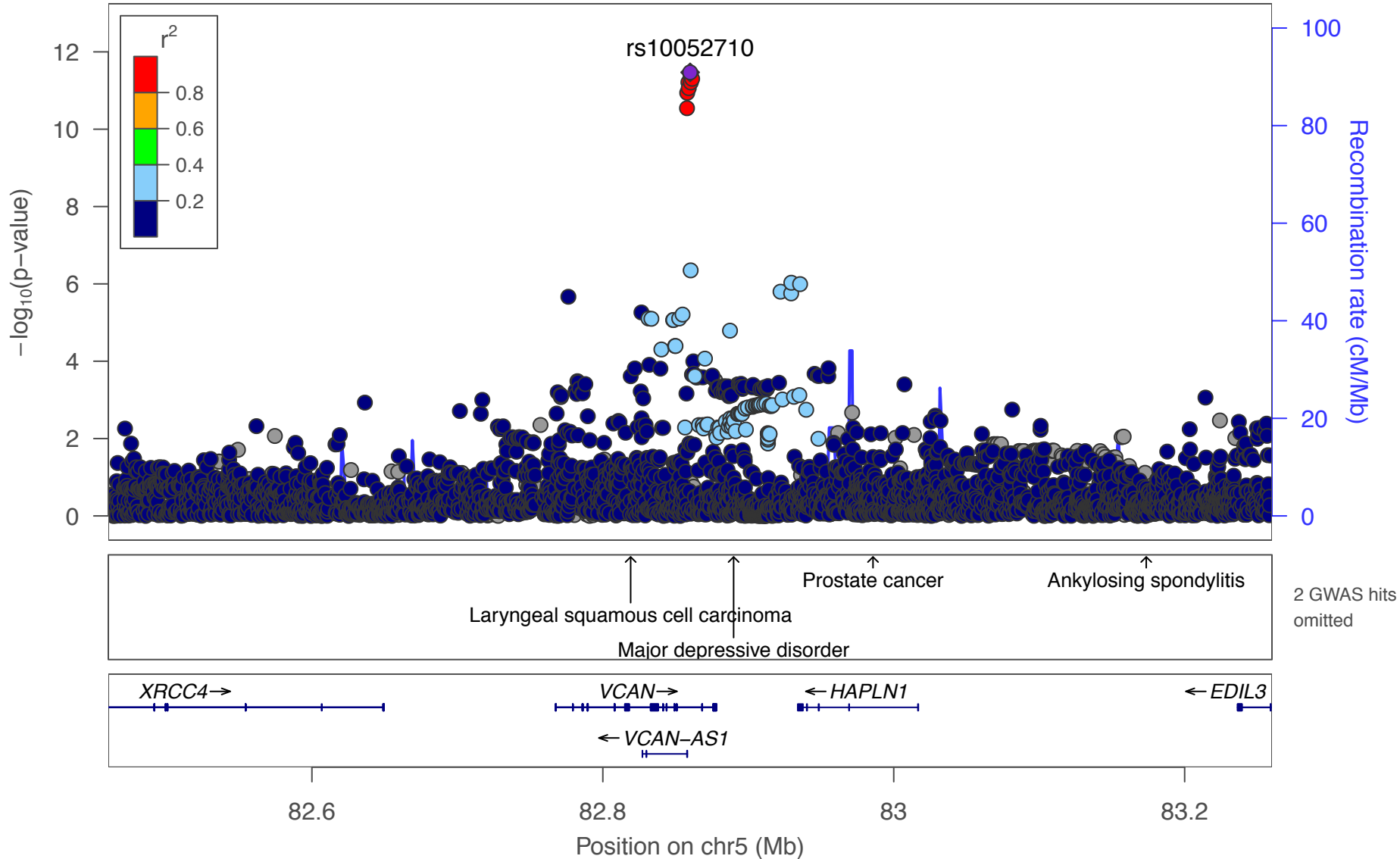
max P.value: 10E–1 [chr5:83098999]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ISOVF_ifo_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460025–83260025 [82460025–83260025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860025

number of SNPs plotted: 3392

min P.value: 3.4E–12 [chr5:82860025]

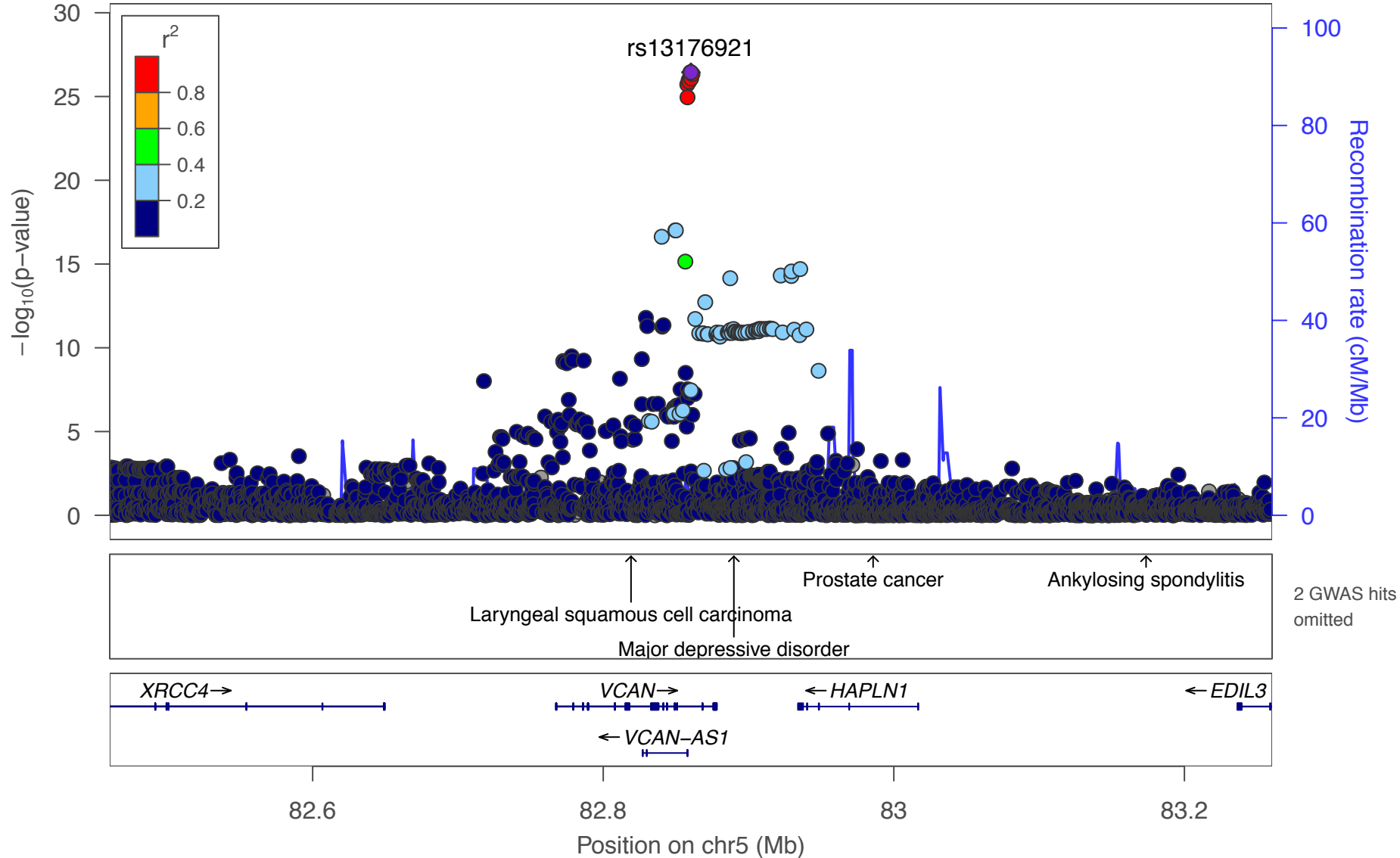
max P.value: 10E–1 [chr5:82463578]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Inferior_cerebellar_peduncle_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460348–83260348 [82460348–83260348]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860348

number of SNPs plotted: 3392

min P.value: 3.59E–27 [chr5:82860025]

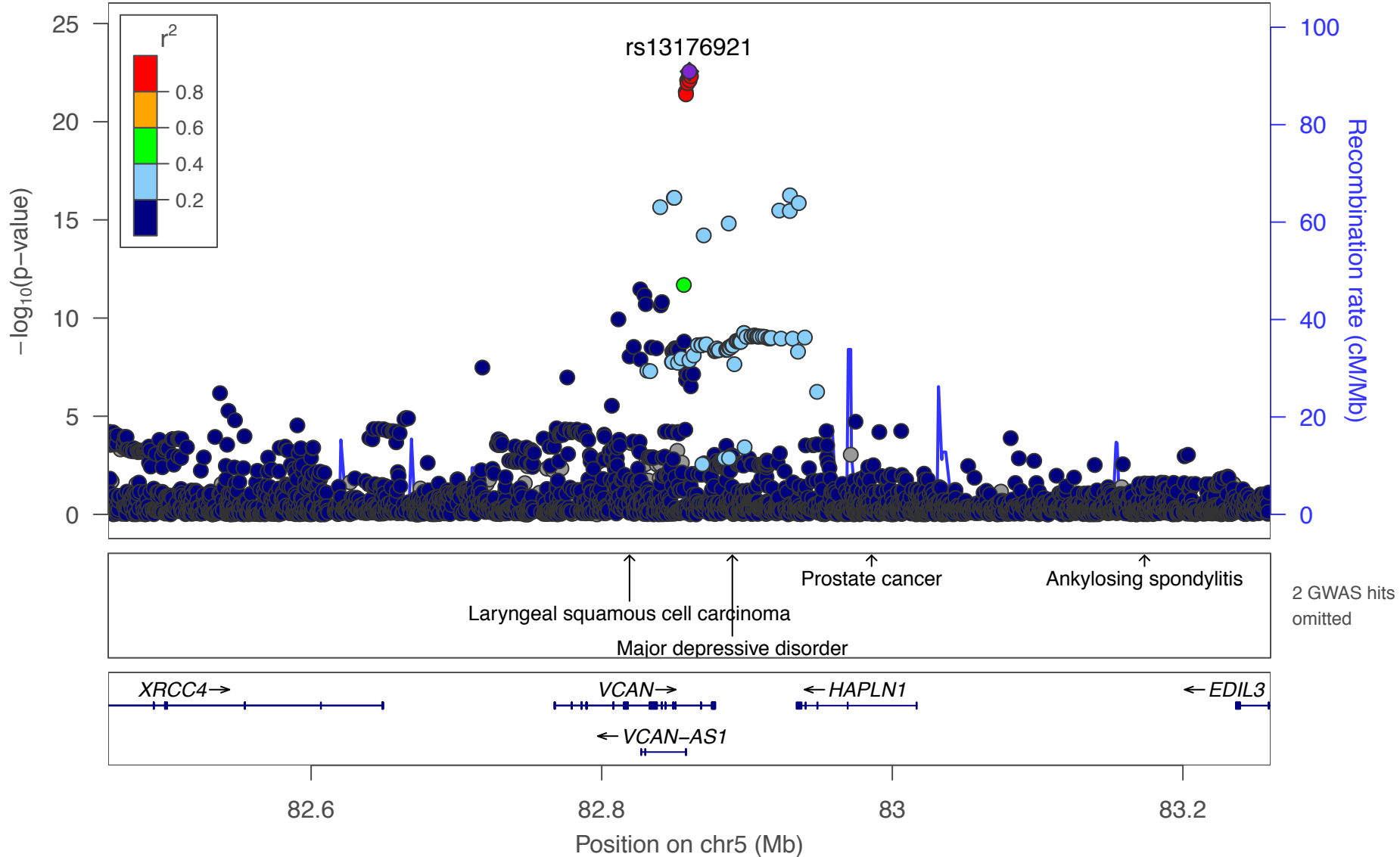
max P.value: 9.99E–1 [chr5:83023489]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_ml_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460348–83260348 [82460348–83260348]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860348

number of SNPs plotted: 3392

min P.value: 2.77E–23 [chr5:82860348]

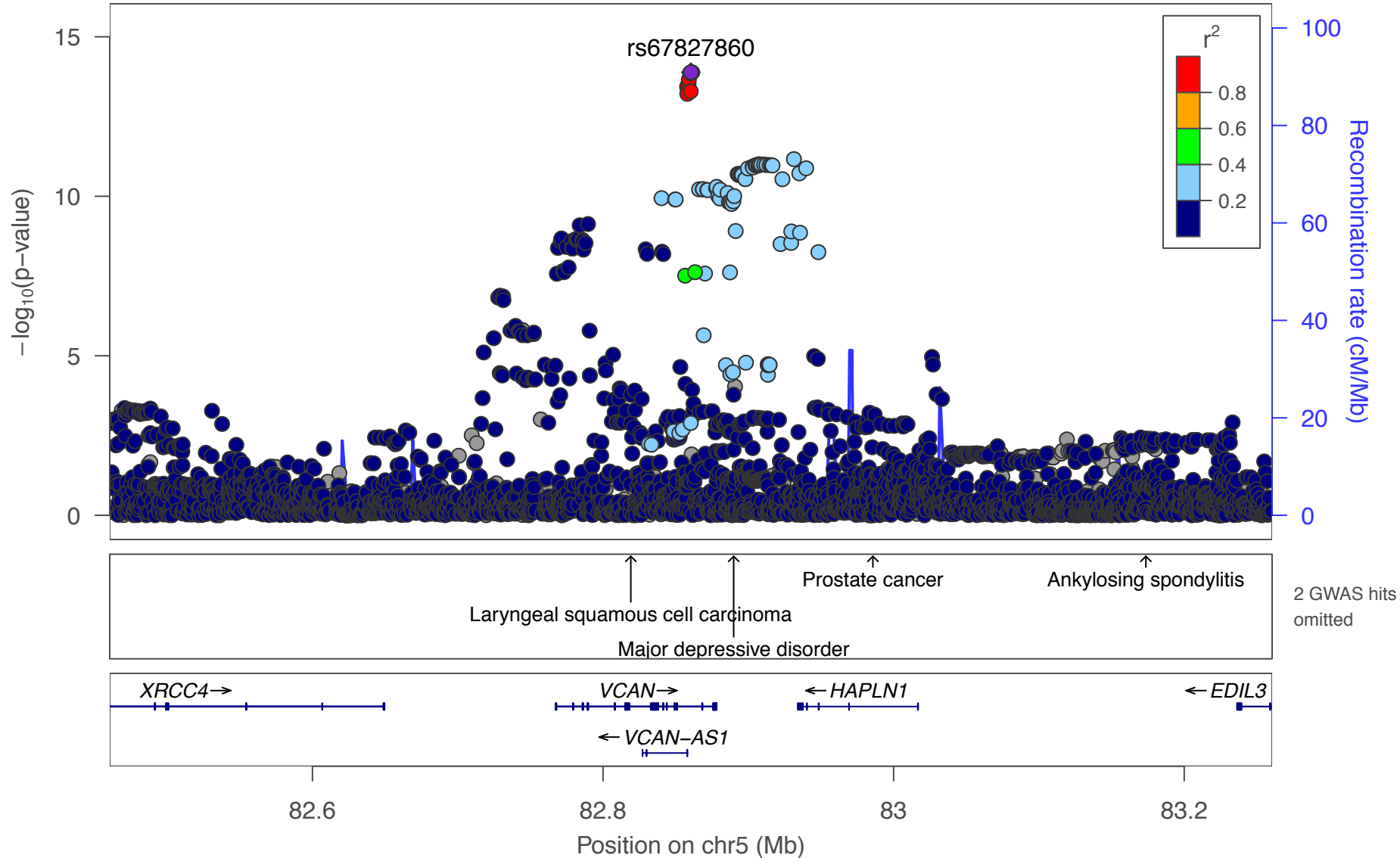
max P.value: 9.99E–1 [chr5:83193306]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Posterior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.3E–14 [chr5:82860485]

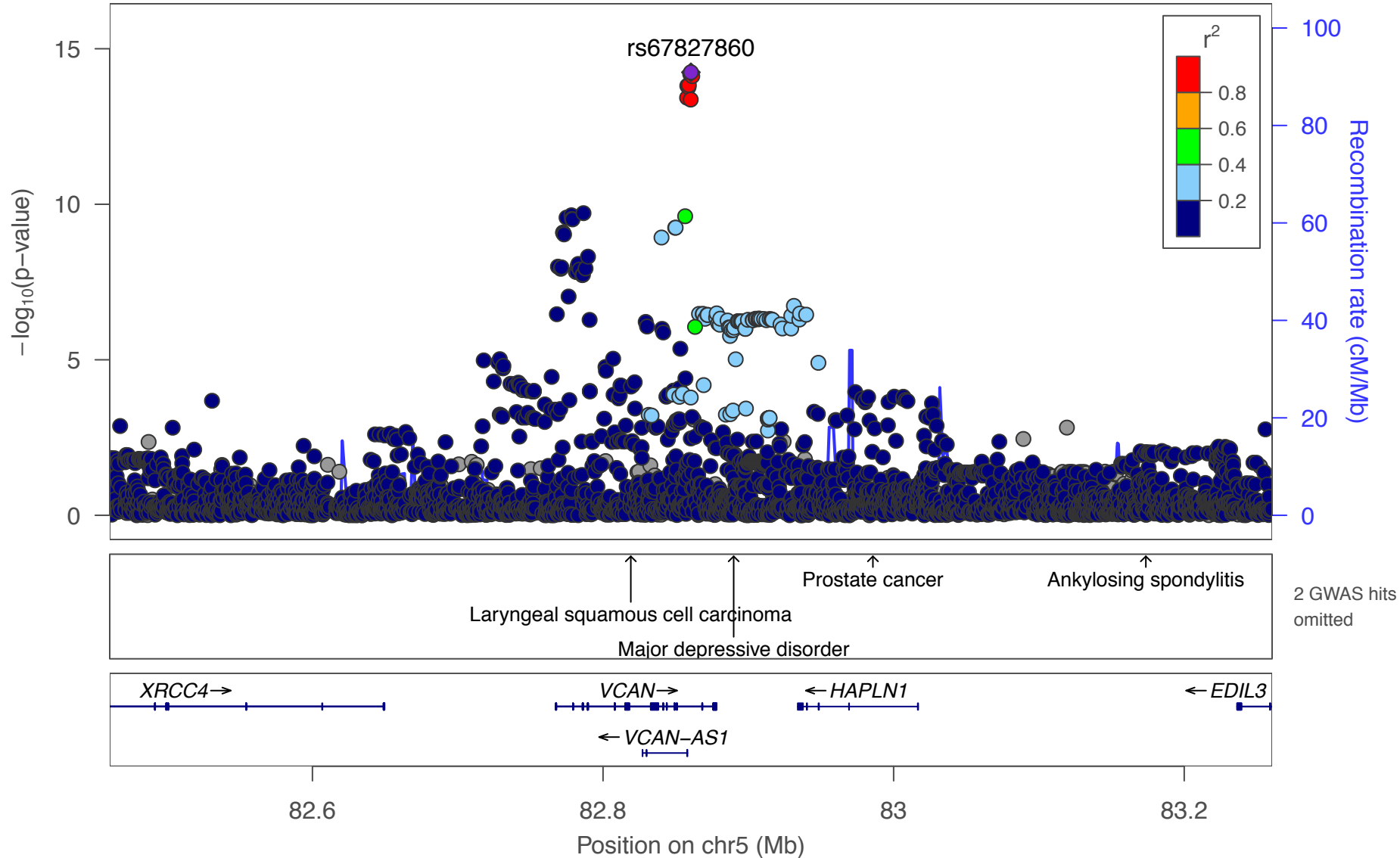
max P.value: 9.99E–1 [chr5:83098673]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Posterior_thalamic_radiation_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 5.71E–15 [chr5:82860485]

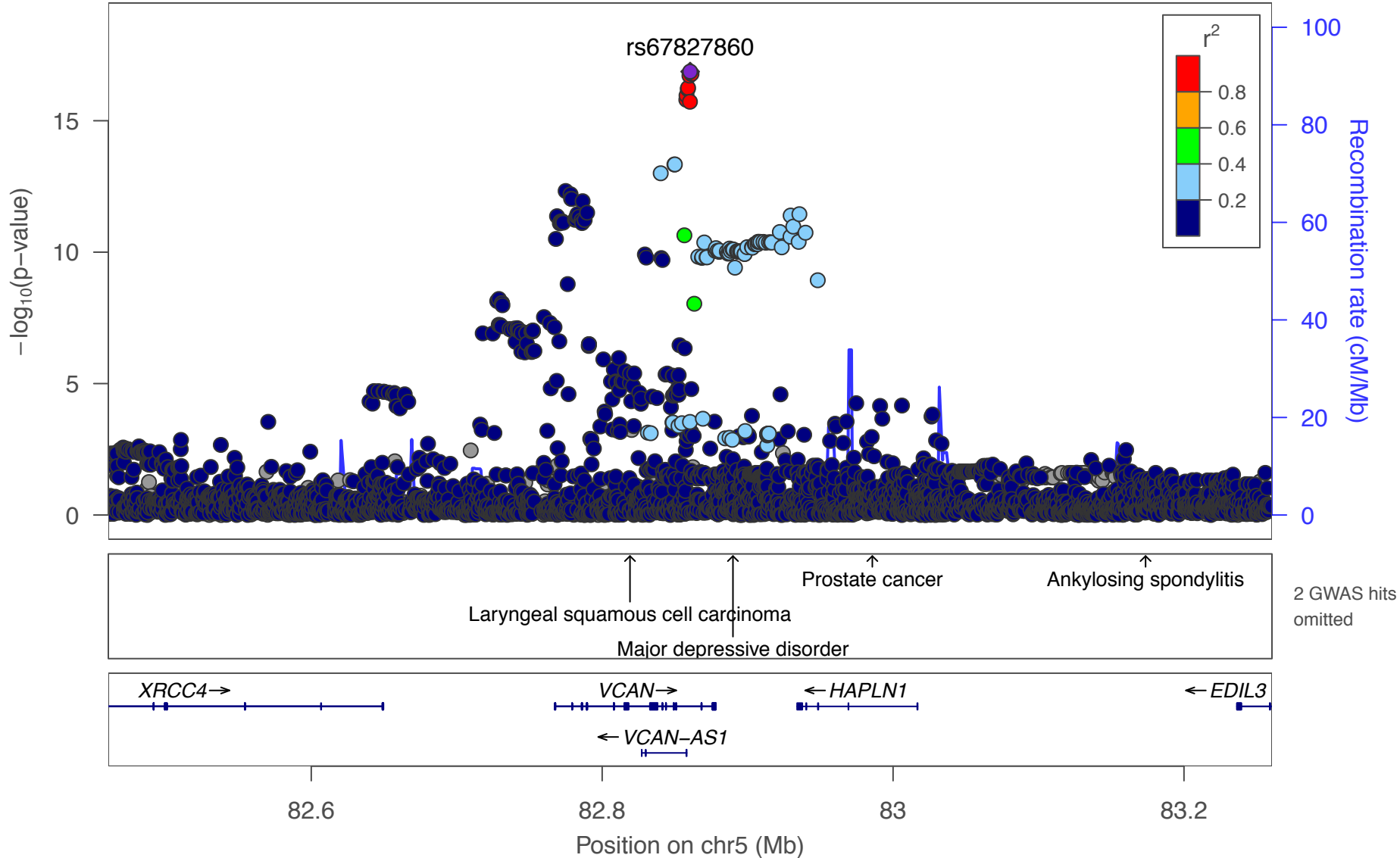
max P.value: 10E–1 [chr5:82936060]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Sagittal_stratum_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.35E–17 [chr5:82860485]

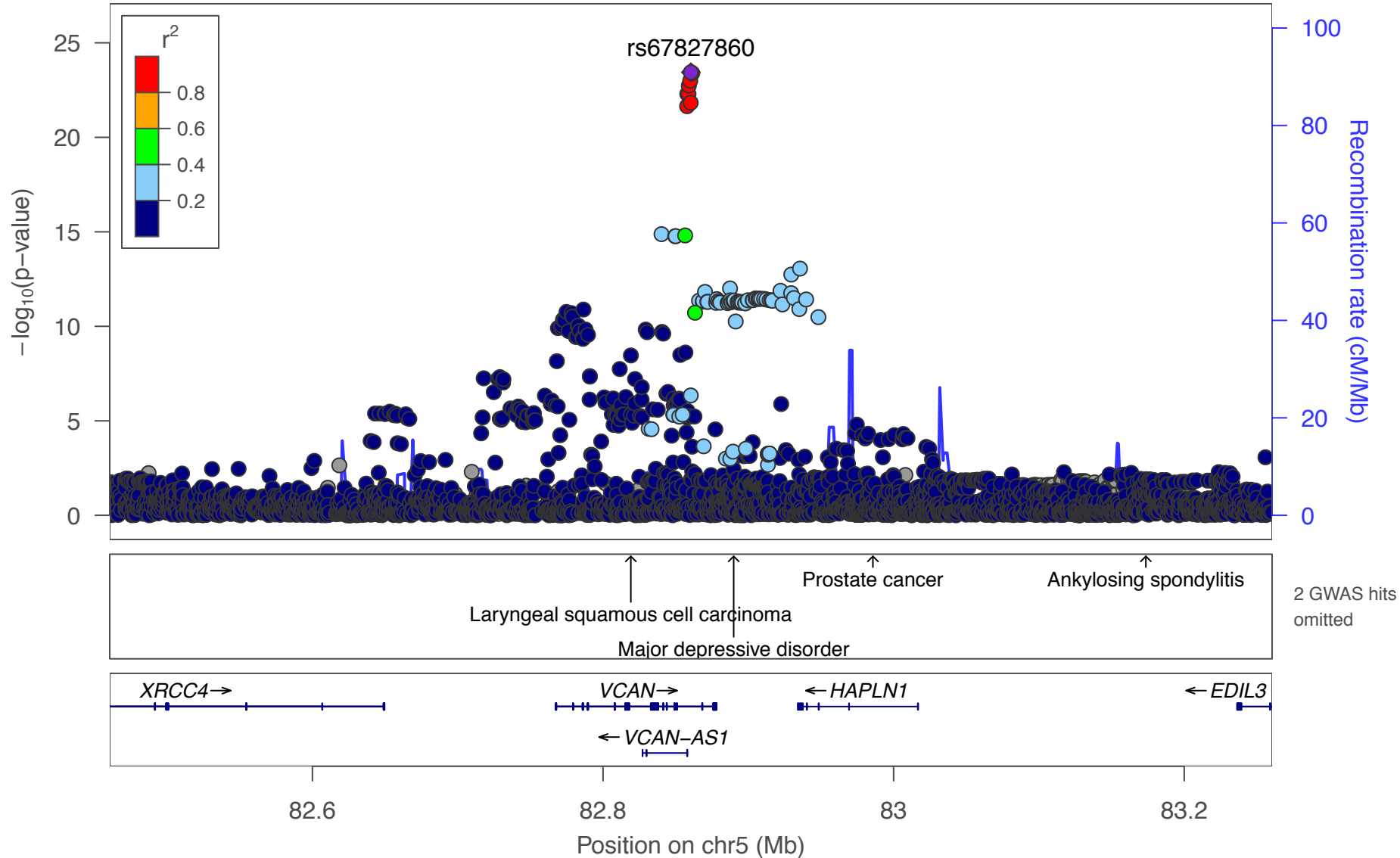
max P.value: 10E–1 [chr5:83115806]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Sagittal_stratum_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.62E–24 [chr5:82860485]

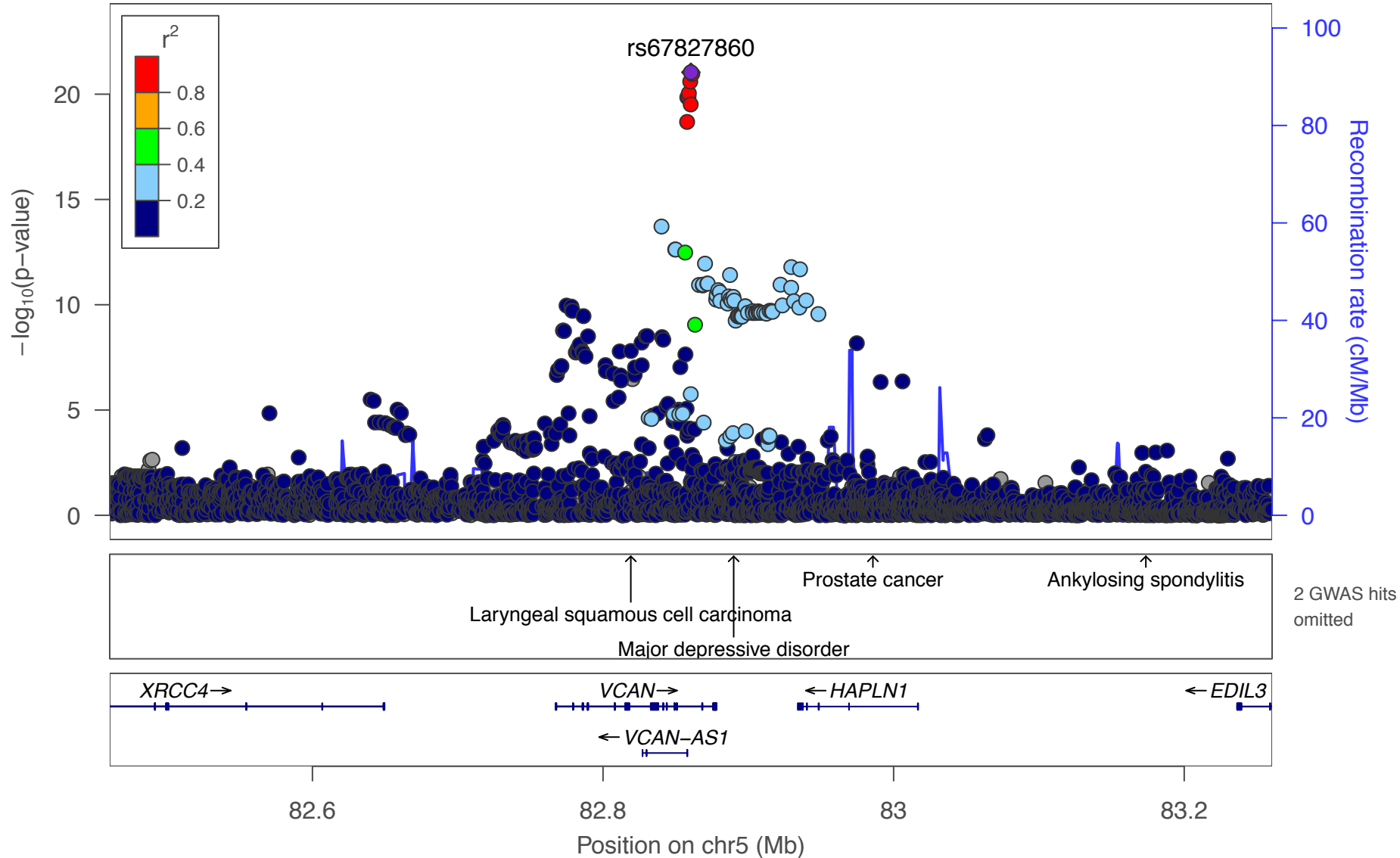
max P.value: 9.99E–1 [chr5:82659709]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Cingulum_hippocampus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 9.14E–22 [chr5:82860485]

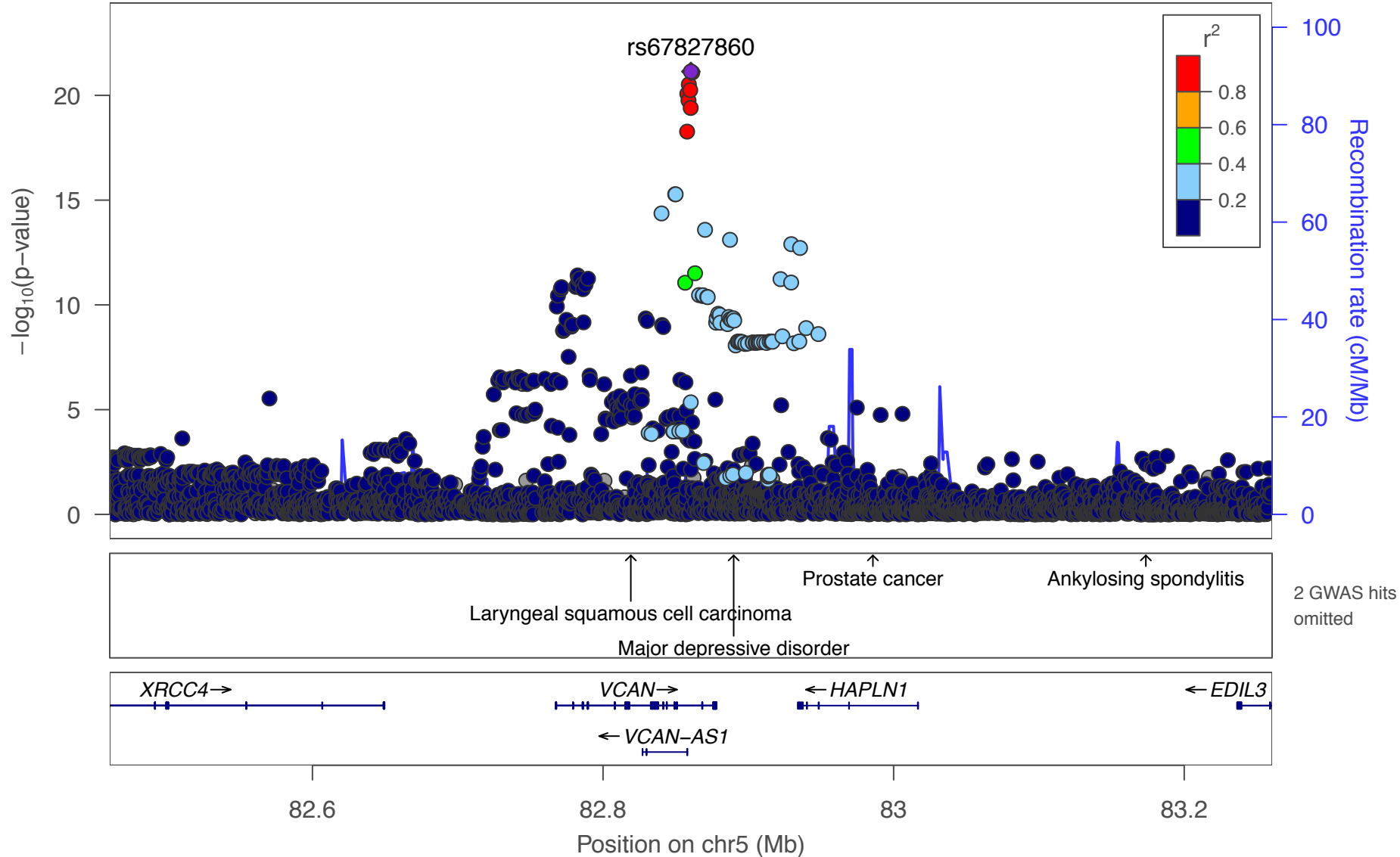
max P.value: 10E–1 [chr5:82966054]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Cingulum_hippocampus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 7.26E–22 [chr5:82860485]

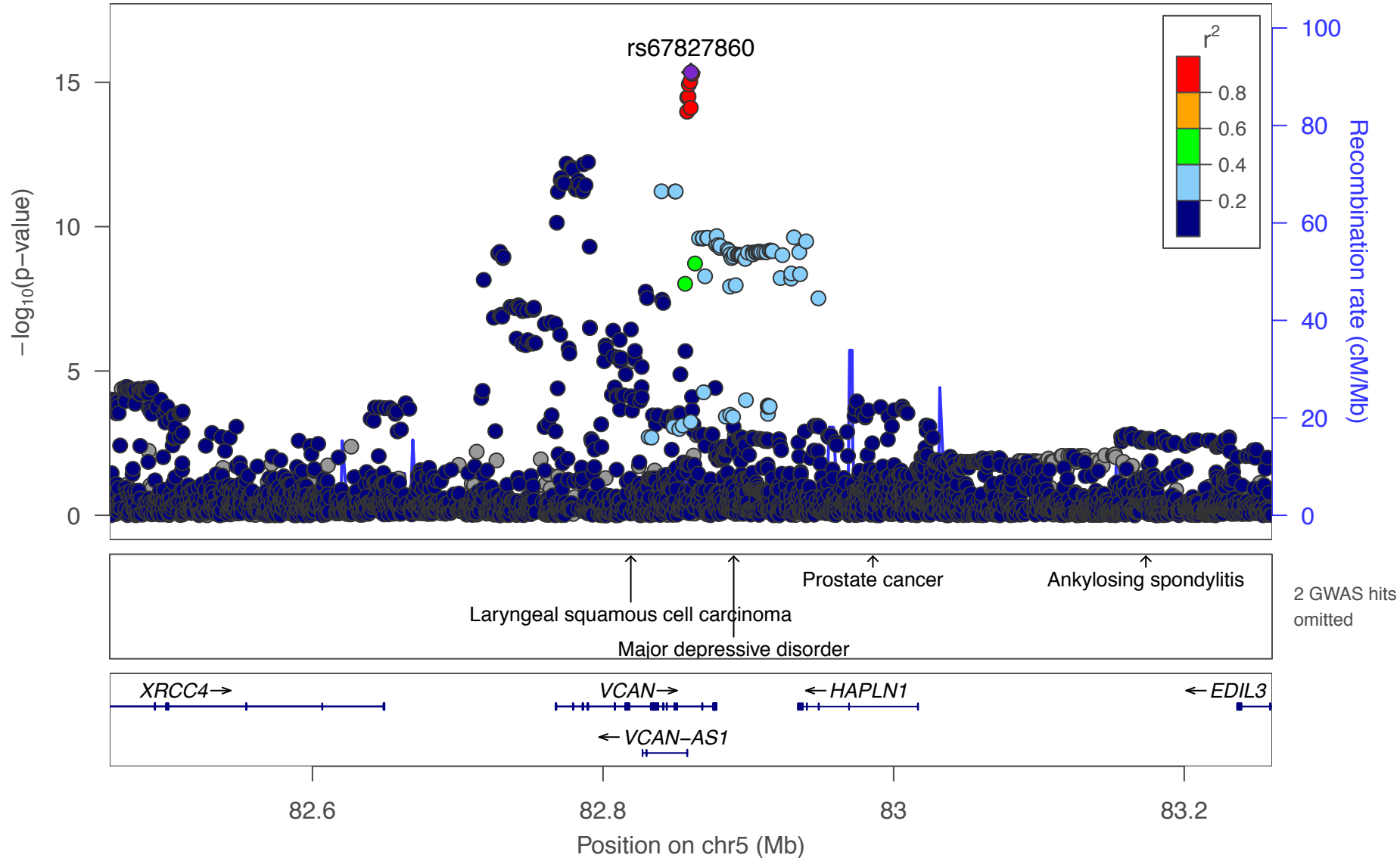
max P.value: 10E–1 [chr5:83178988]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Superior_longitudinal_fasciculus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 4.5E–16 [chr5:82860485]

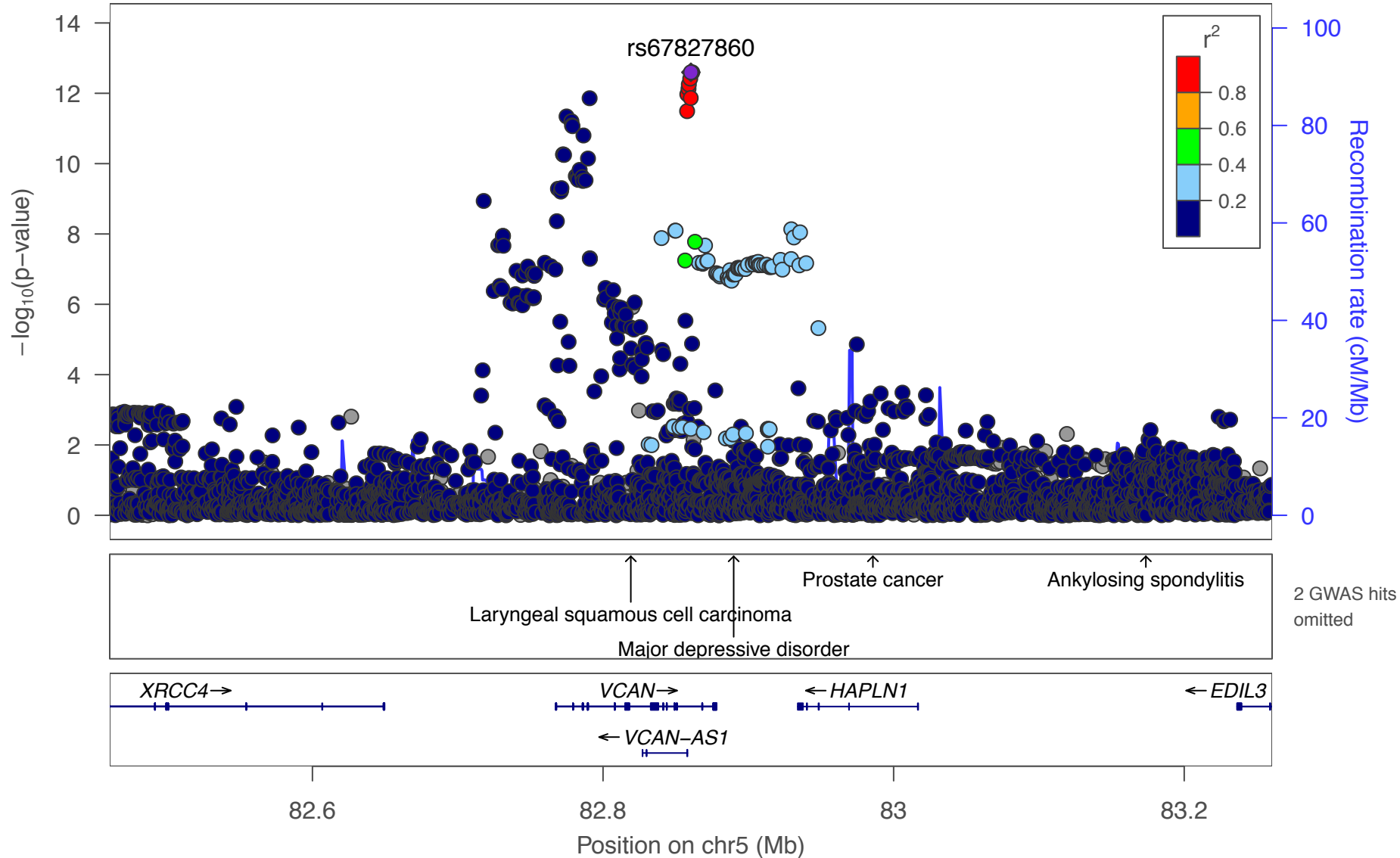
max P.value: 10E–1 [chr5:83165955]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Superior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.53E–13 [chr5:82860485]

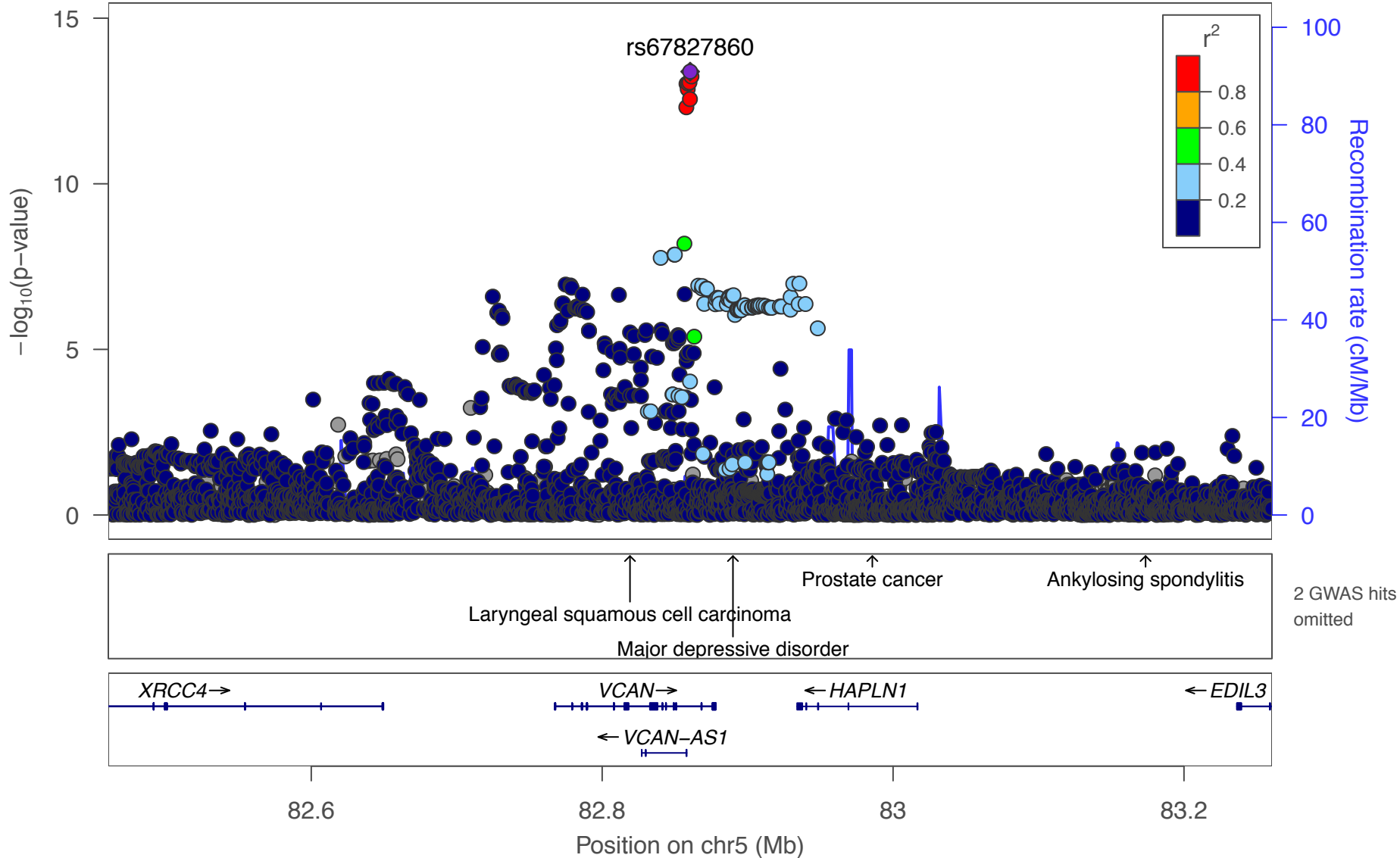
max P.value: 10E–1 [chr5:83115847]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Sagittal_stratum_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 4.1E–14 [chr5:82860485]

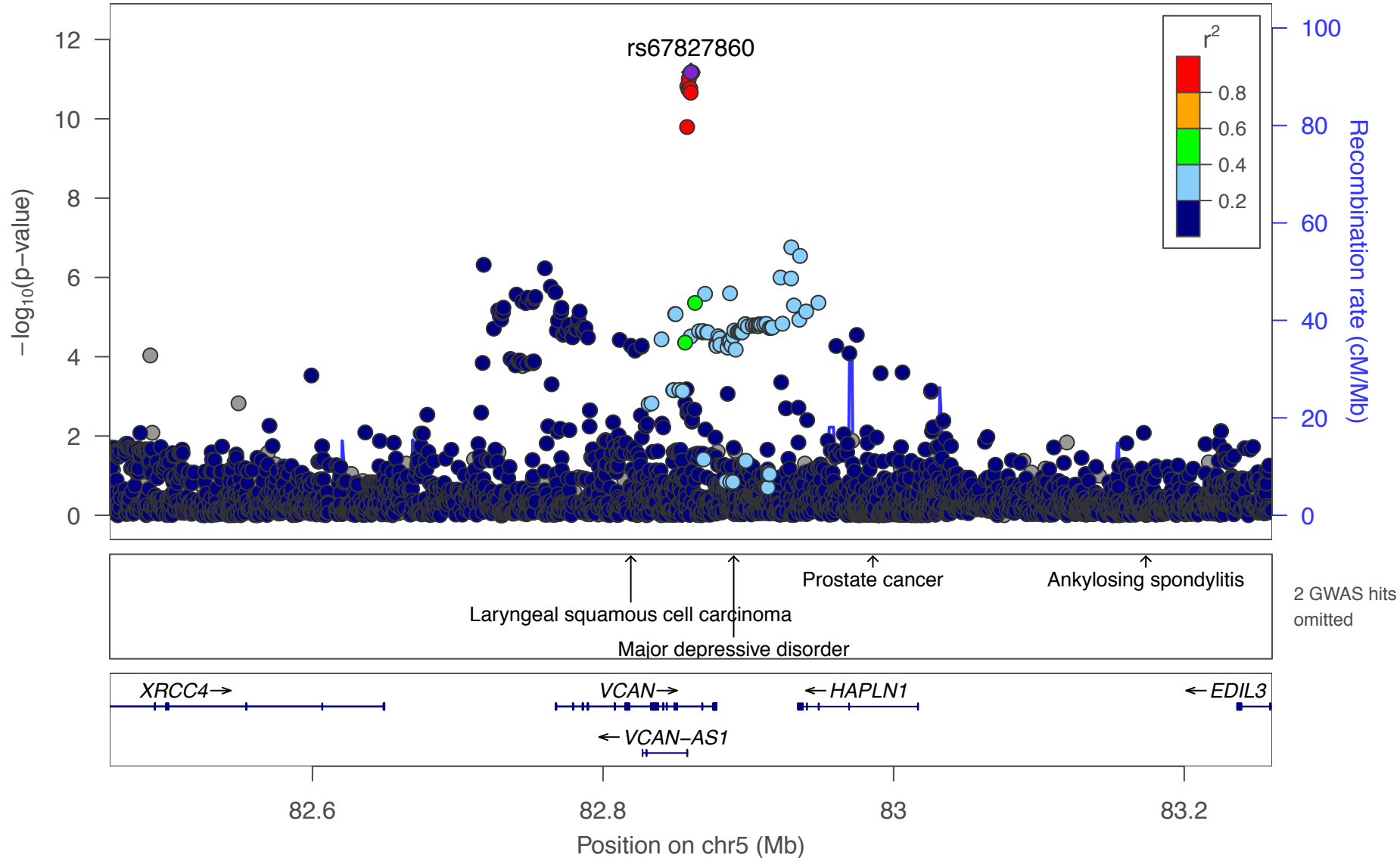
max P.value: 10E–1 [chr5:82973210]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Cingulum_cingulate_gyrus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 6.71E–12 [chr5:82860485]

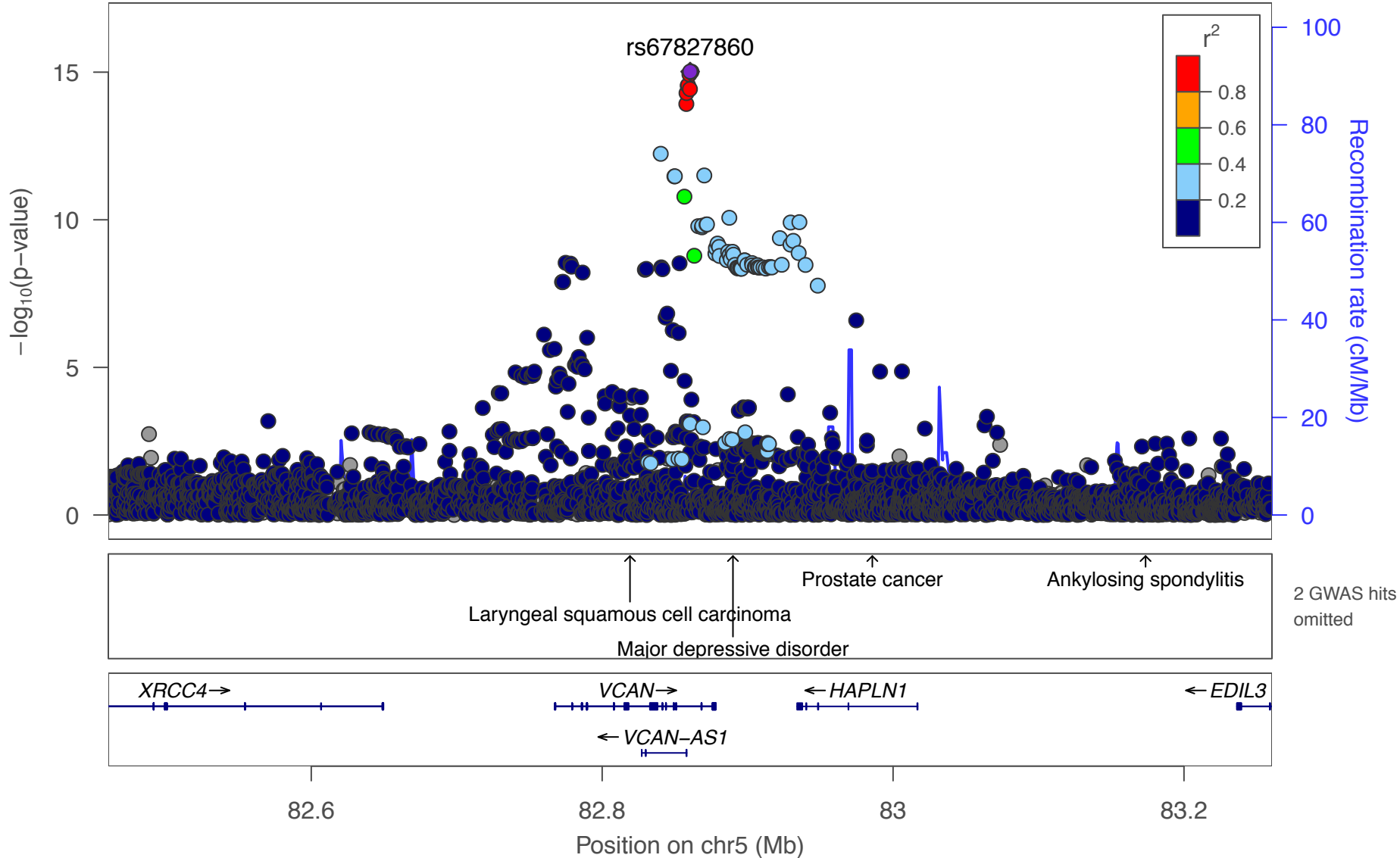
max P.value: 9.98E–1 [chr5:82730502]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L2_Cingulum_hippocampus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 9.57E–16 [chr5:82860485]

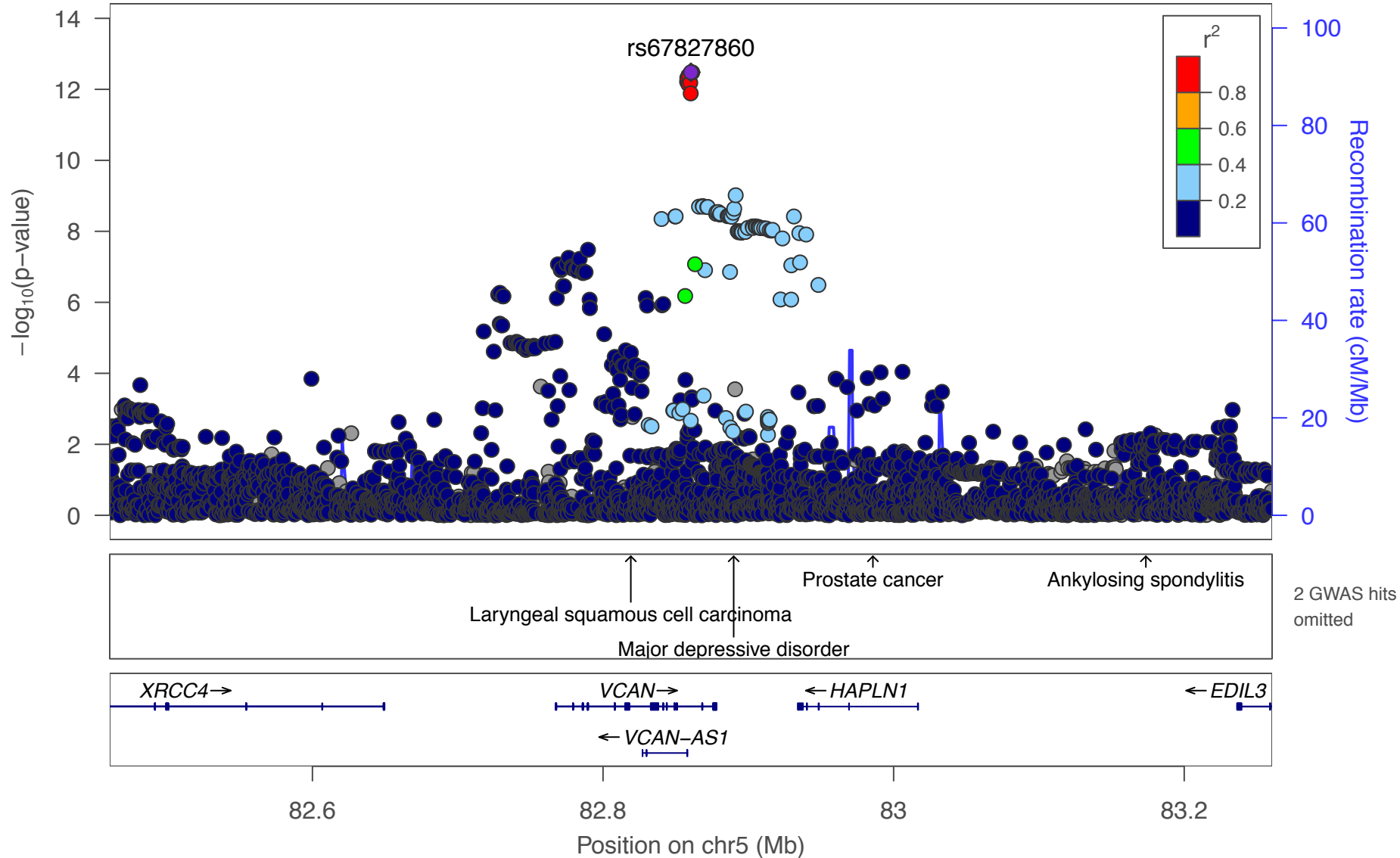
max P.value: 9.99E–1 [chr5:82830595]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Superior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.31E–13 [chr5:82860485]

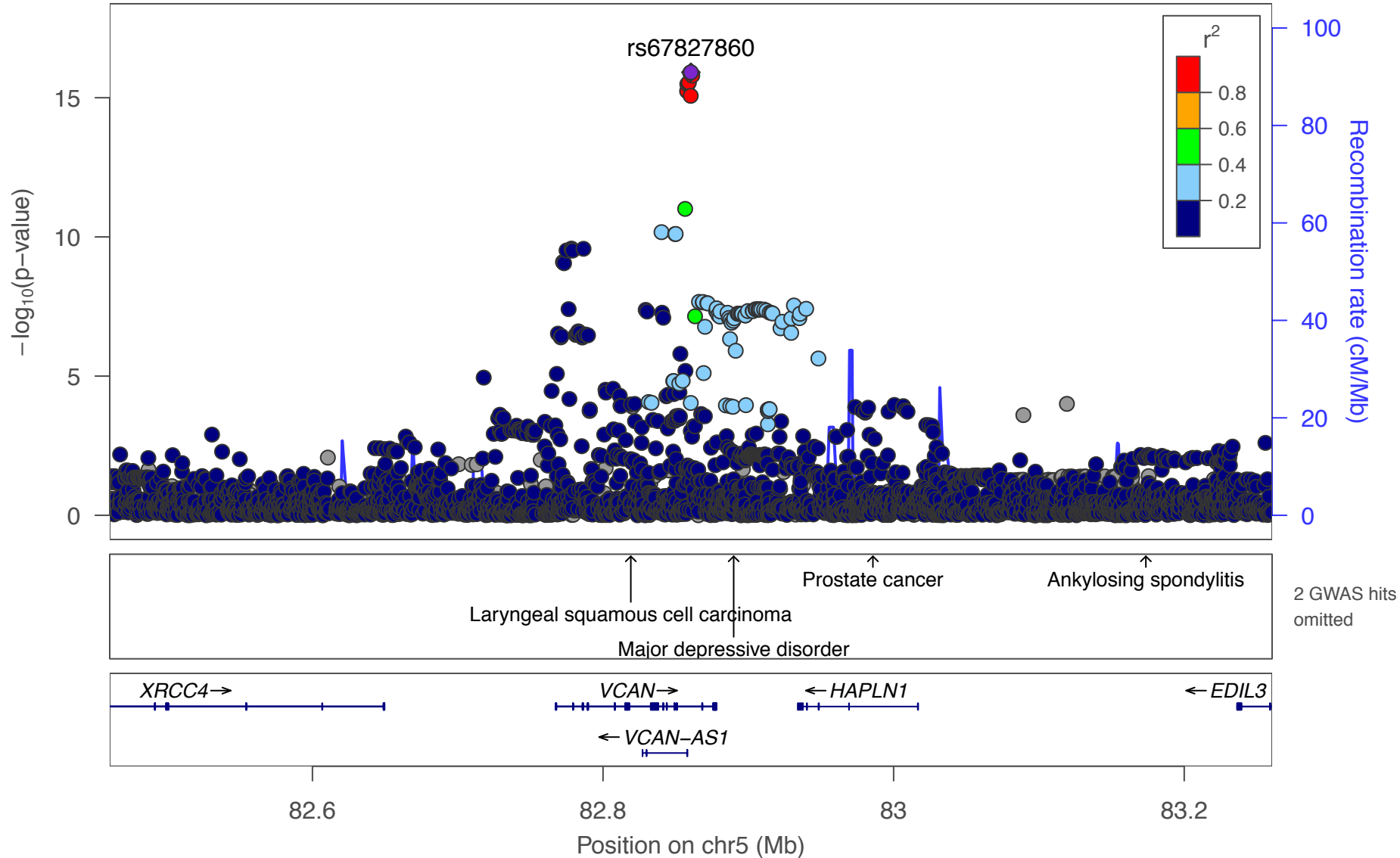
max P.value: 10E–1 [chr5:82867968]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Posterior_thalamic_radiation_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.22E–16 [chr5:82860485]

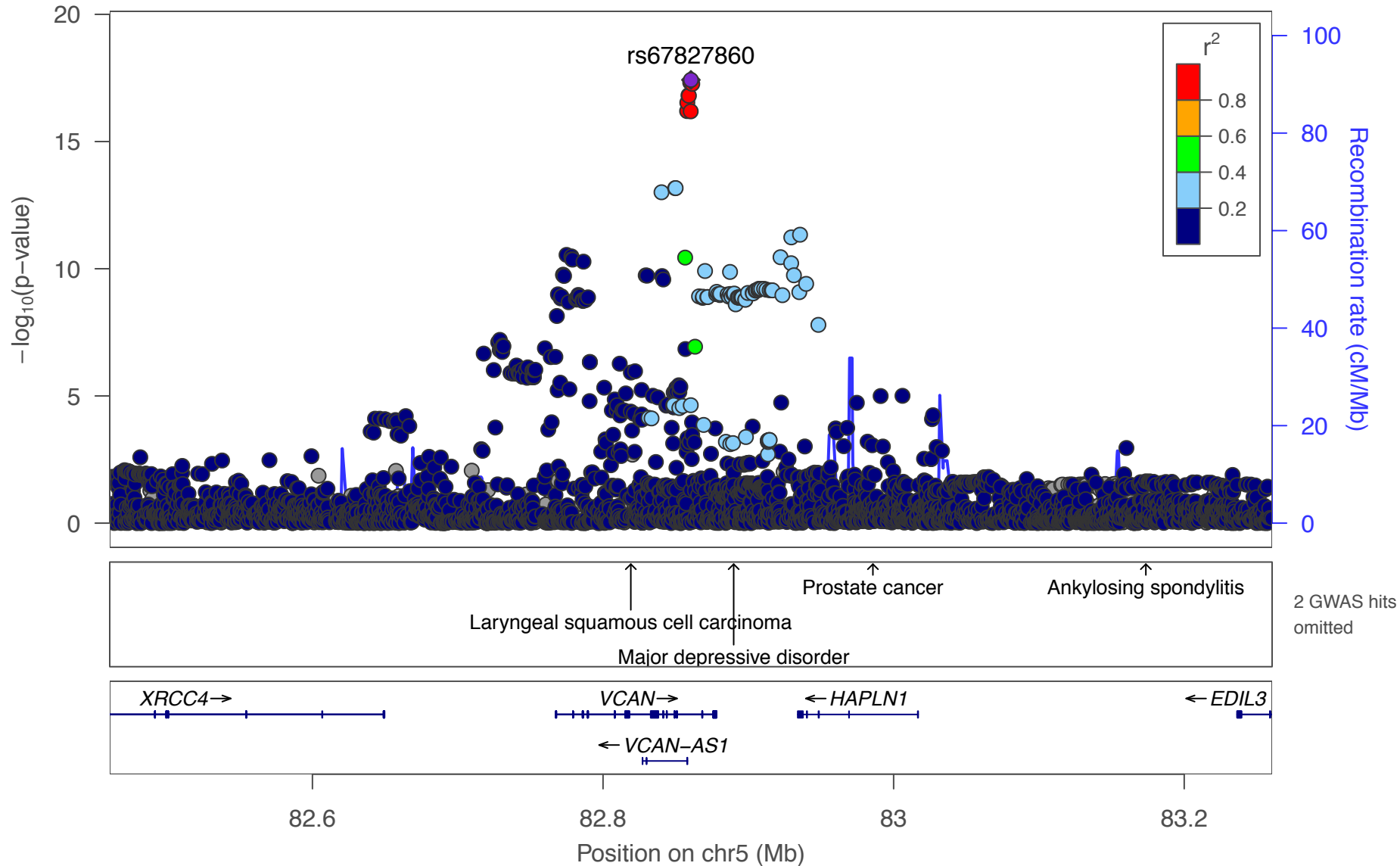
max P.value: 10E–1 [chr5:83097880]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Sagittal_stratum_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.78E–18 [chr5:82860485]

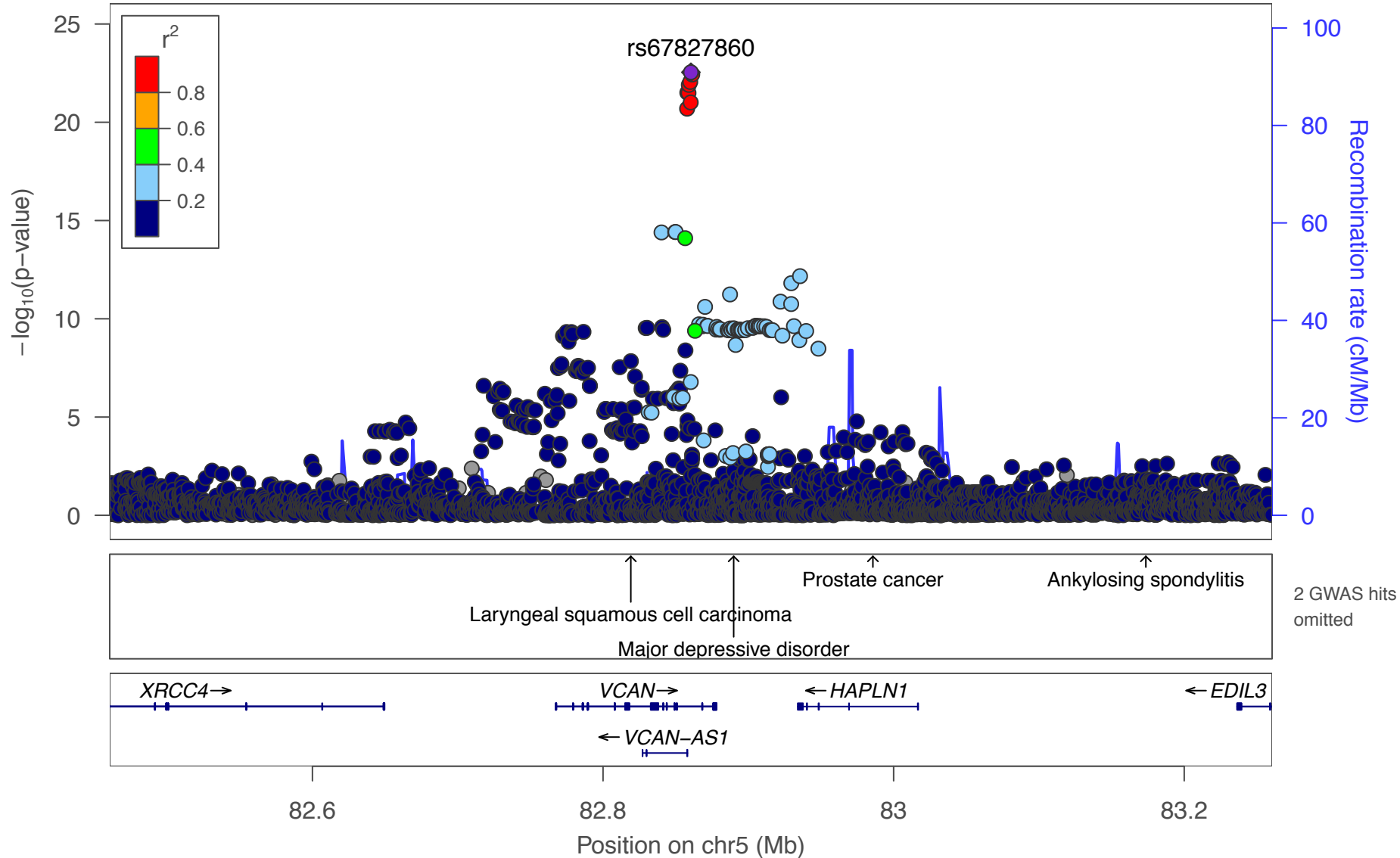
max P.value: 9.99E–1 [chr5:82495239]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_L3_Sagittal_stratum_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.86E–23 [chr5:82860485]

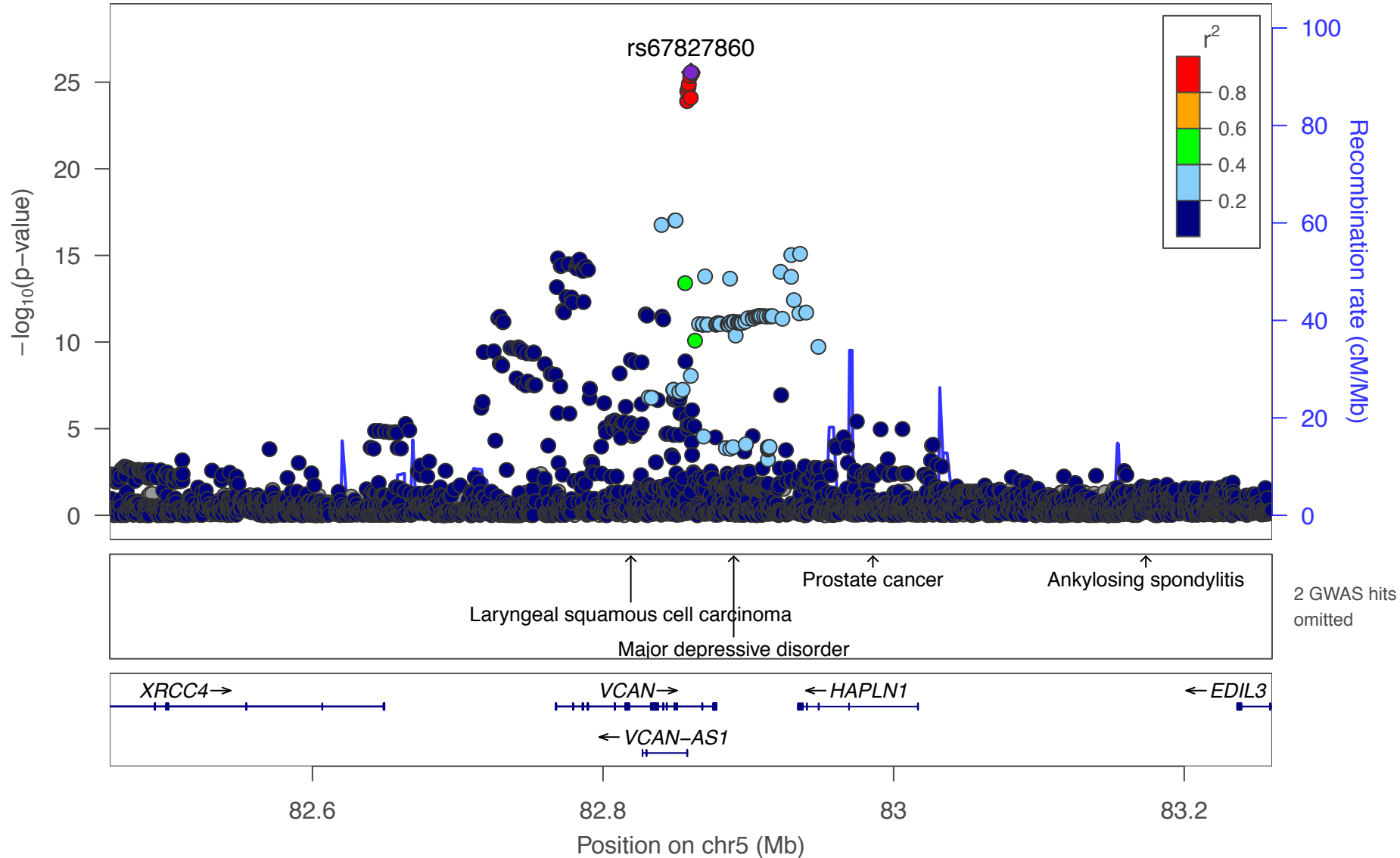
max P.value: 10E–1 [chr5:82466270]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Sagittal_stratum_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.69E–26 [chr5:82860485]

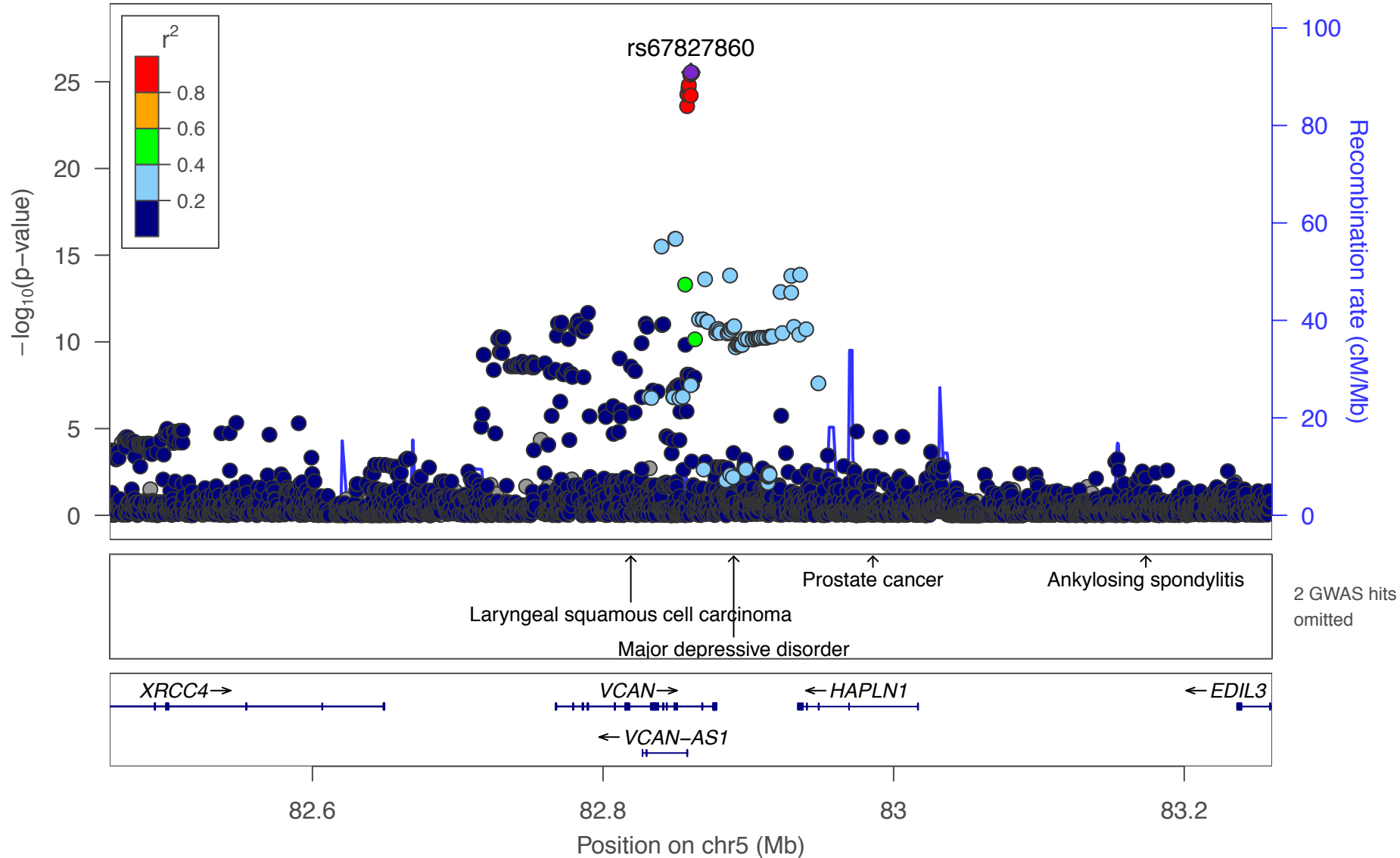
max P.value: 9.99E–1 [chr5:82487589]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Fornix_cres+Stria_terminalis_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.84E–26 [chr5:82860485]

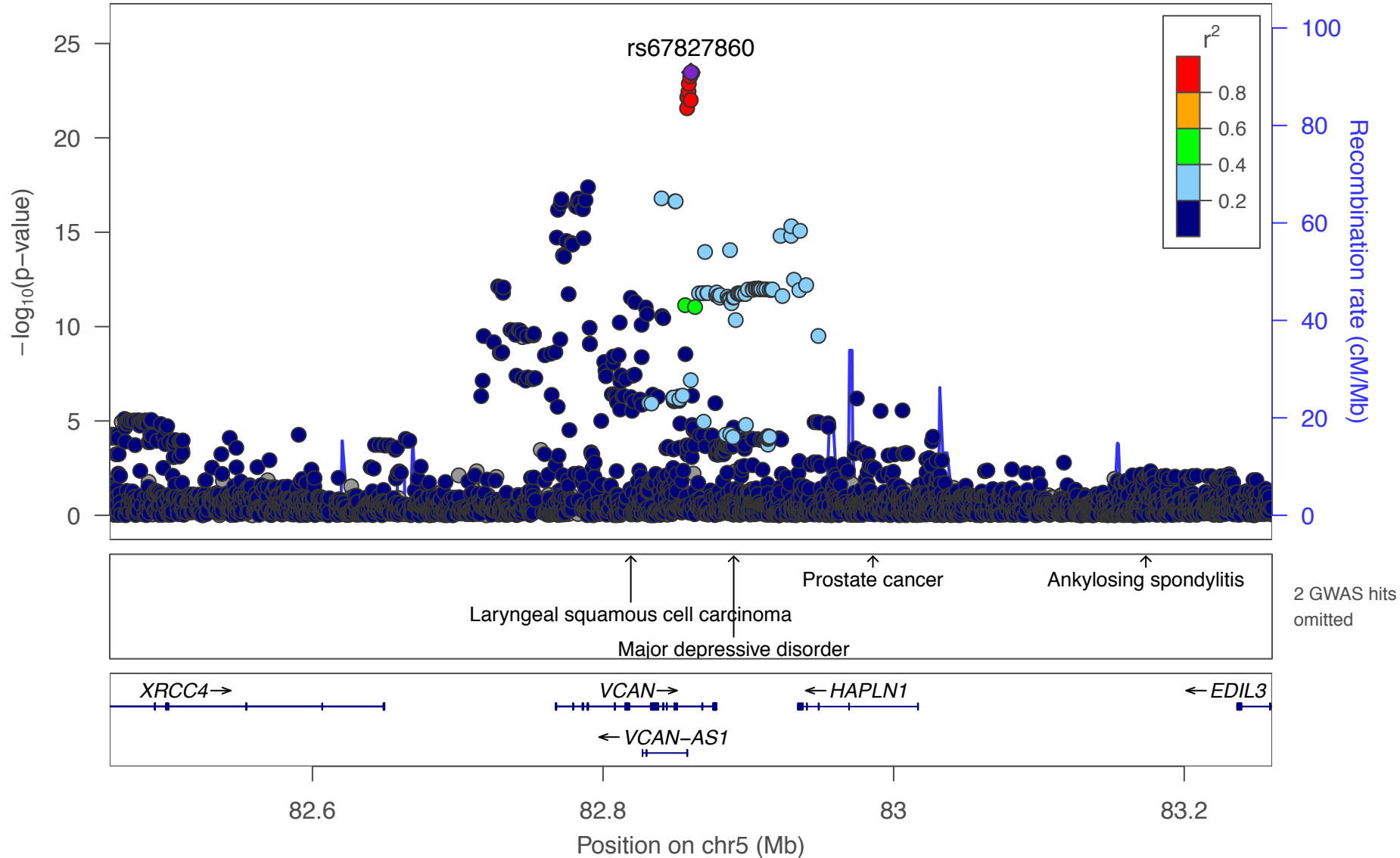
max P.value: 10E–1 [chr5:83056492]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Superior_longitudinal_fasciculus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.36E–24 [chr5:82860485]

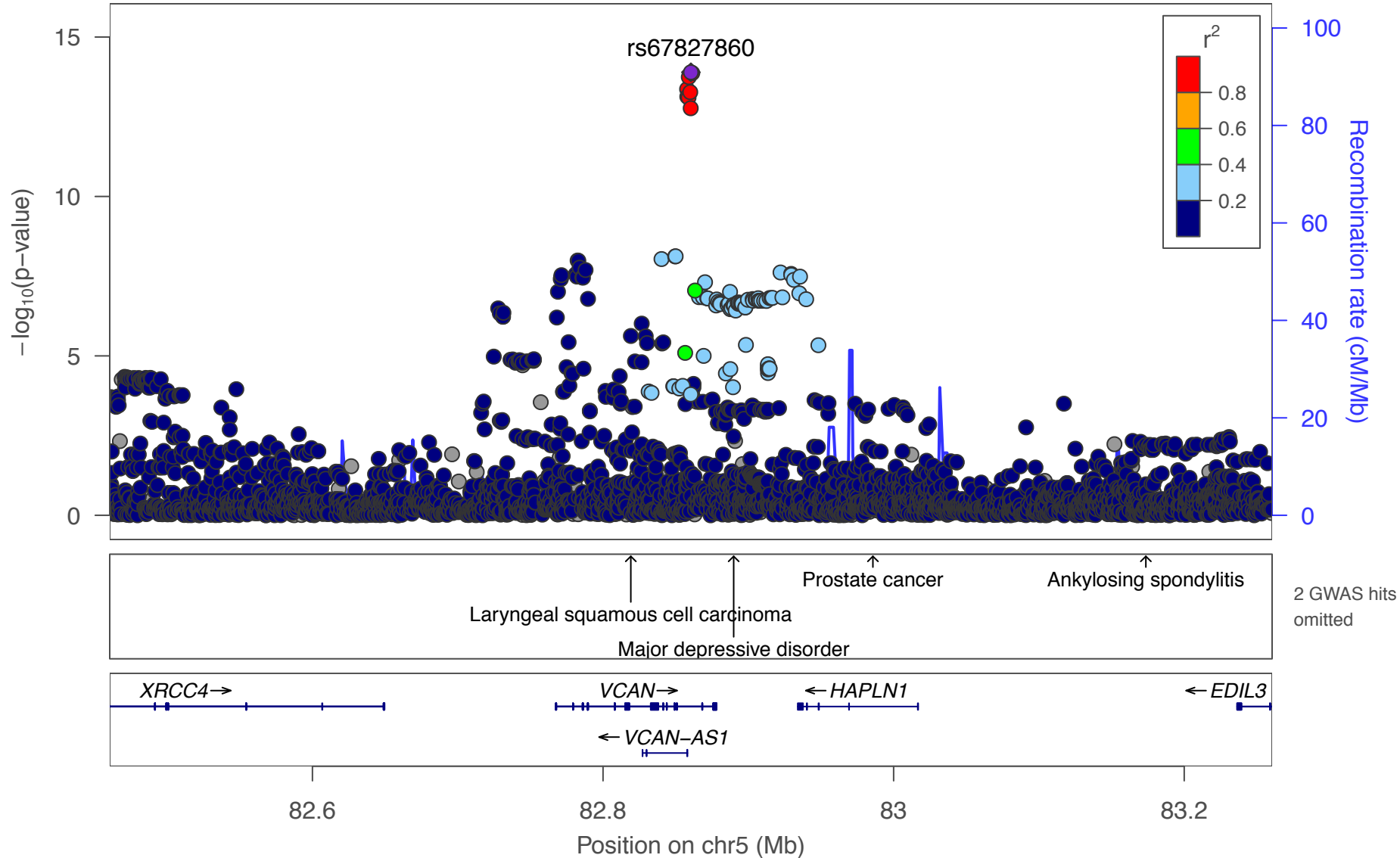
max P.value: 10E–1 [chr5:82921389]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_ICVF_Superior_fronto-occipital_fasciculus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.28E–14 [chr5:82860485]

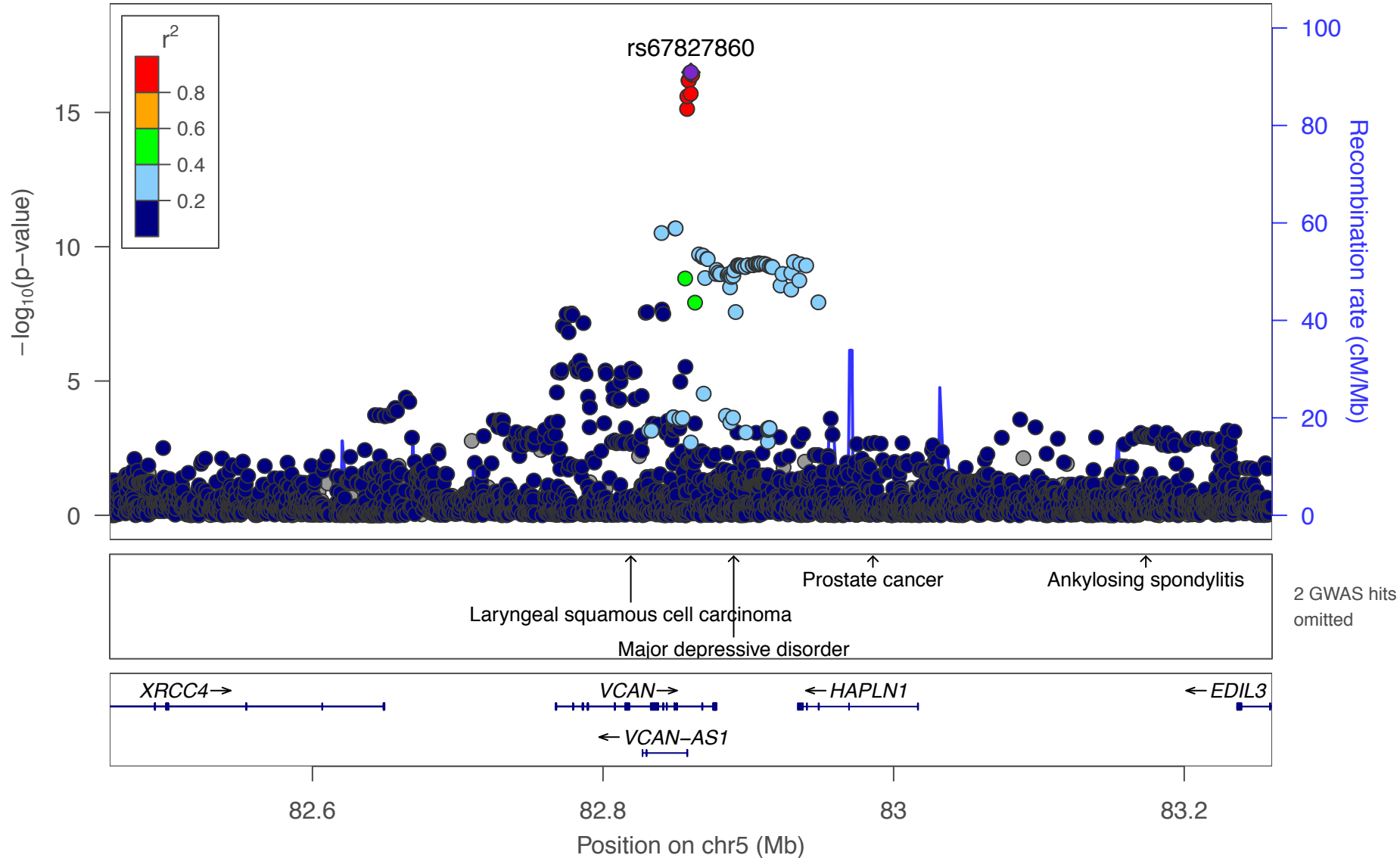
max P.value: 10E–1 [chr5:83117229]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_FA_ptr_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.21E–17 [chr5:82860485]

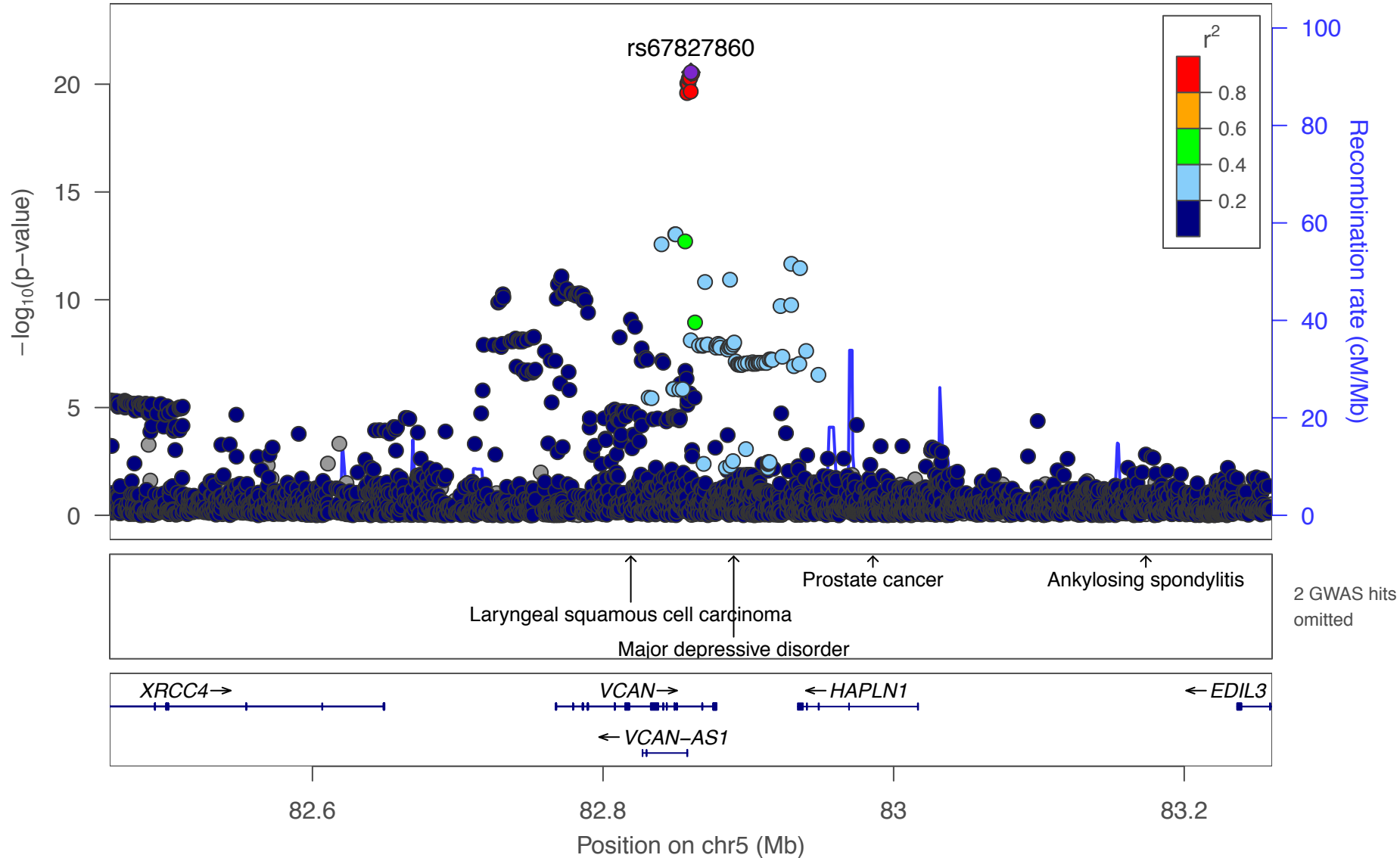
max P.value: 10E–1 [chr5:82867318]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_MD_cgc_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.81E–21 [chr5:82860485]

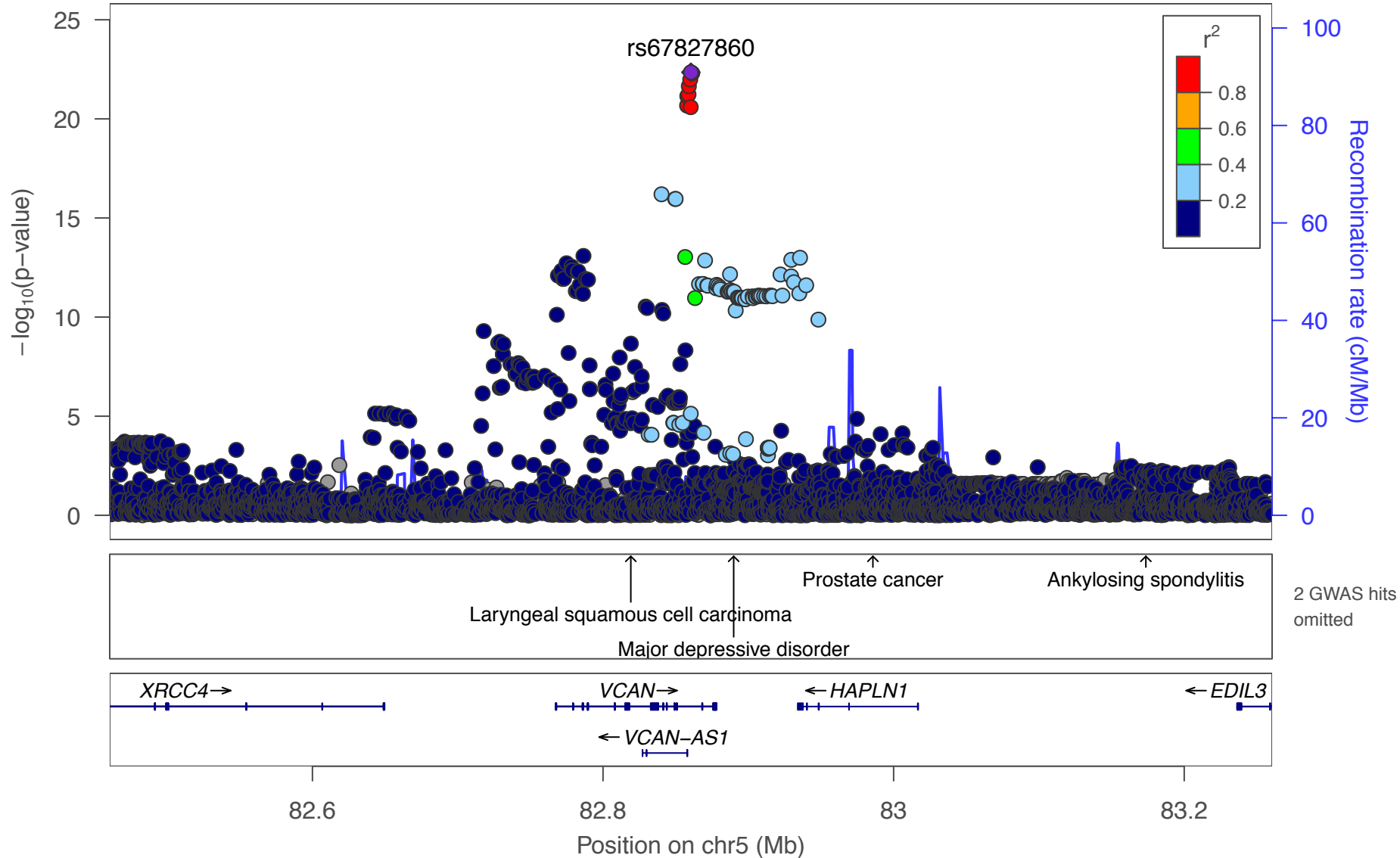
max P.value: 10E–1 [chr5:82750729]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_MD_ifo_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 4.47E–23 [chr5:82860485]

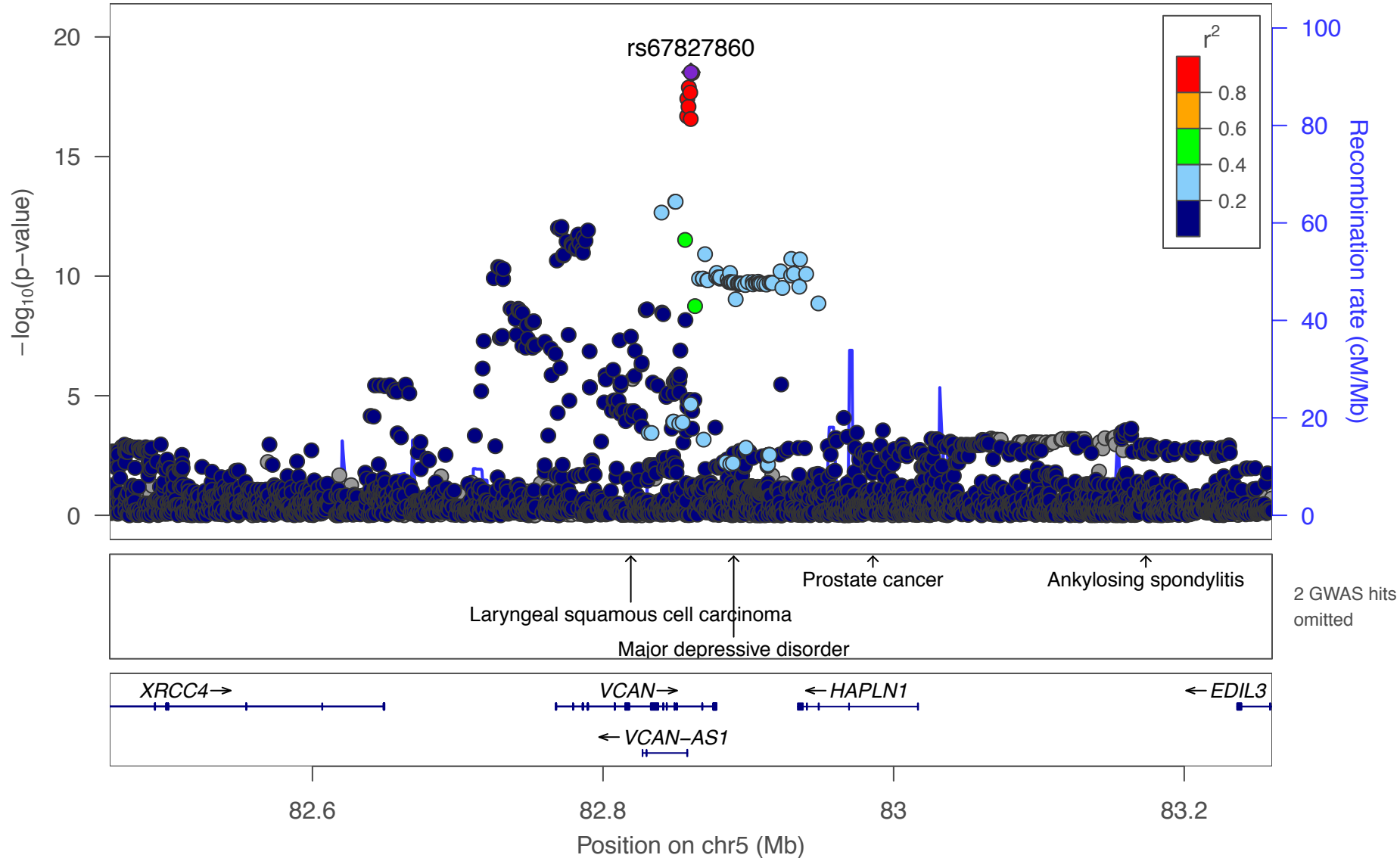
max P.value: 10E–1 [chr5:82609713]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_MD_ifo_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.01E–19 [chr5:82860485]

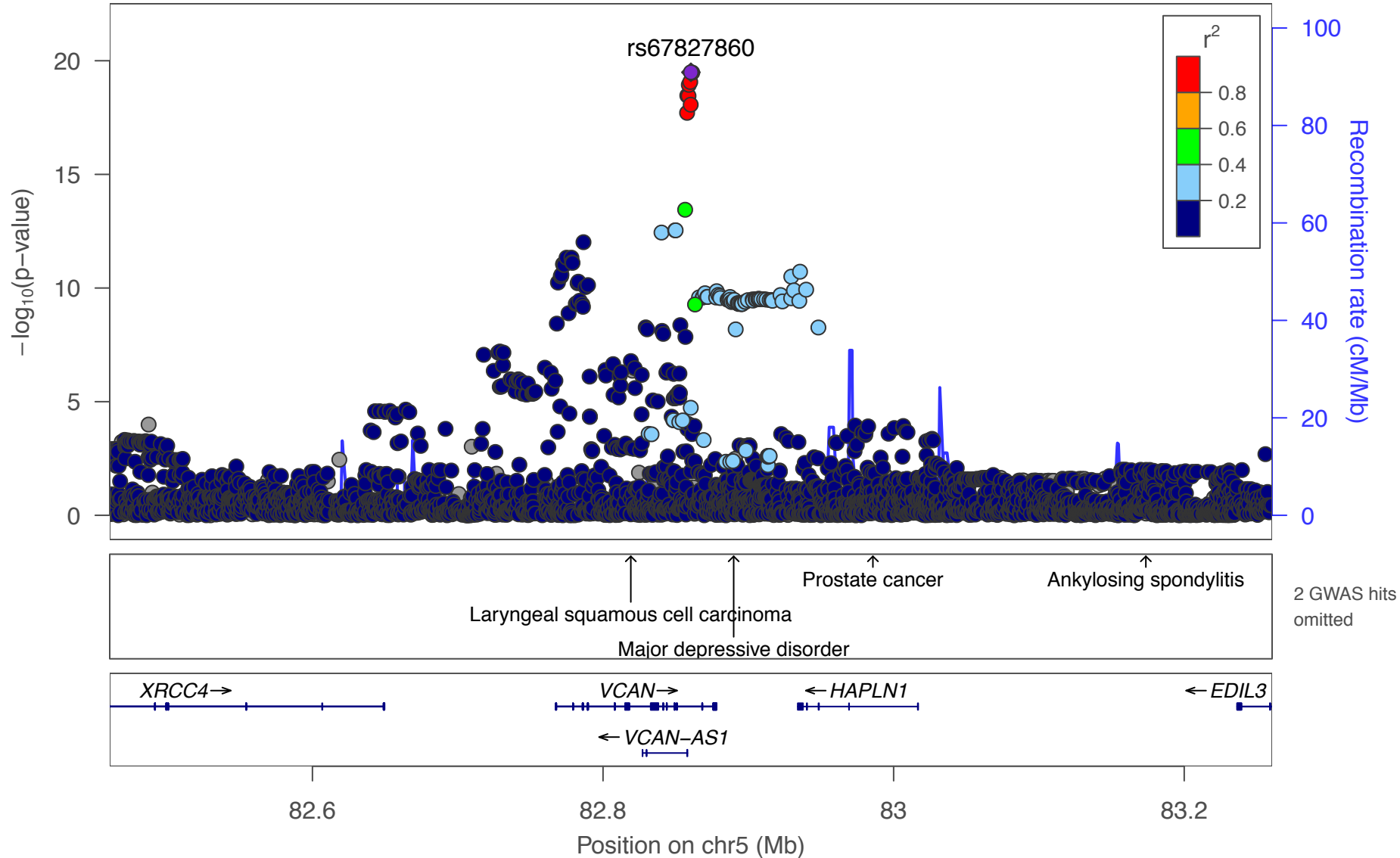
max P.value: 10E–1 [chr5:82923125]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_MD_ilf_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.23E–20 [chr5:82860485]

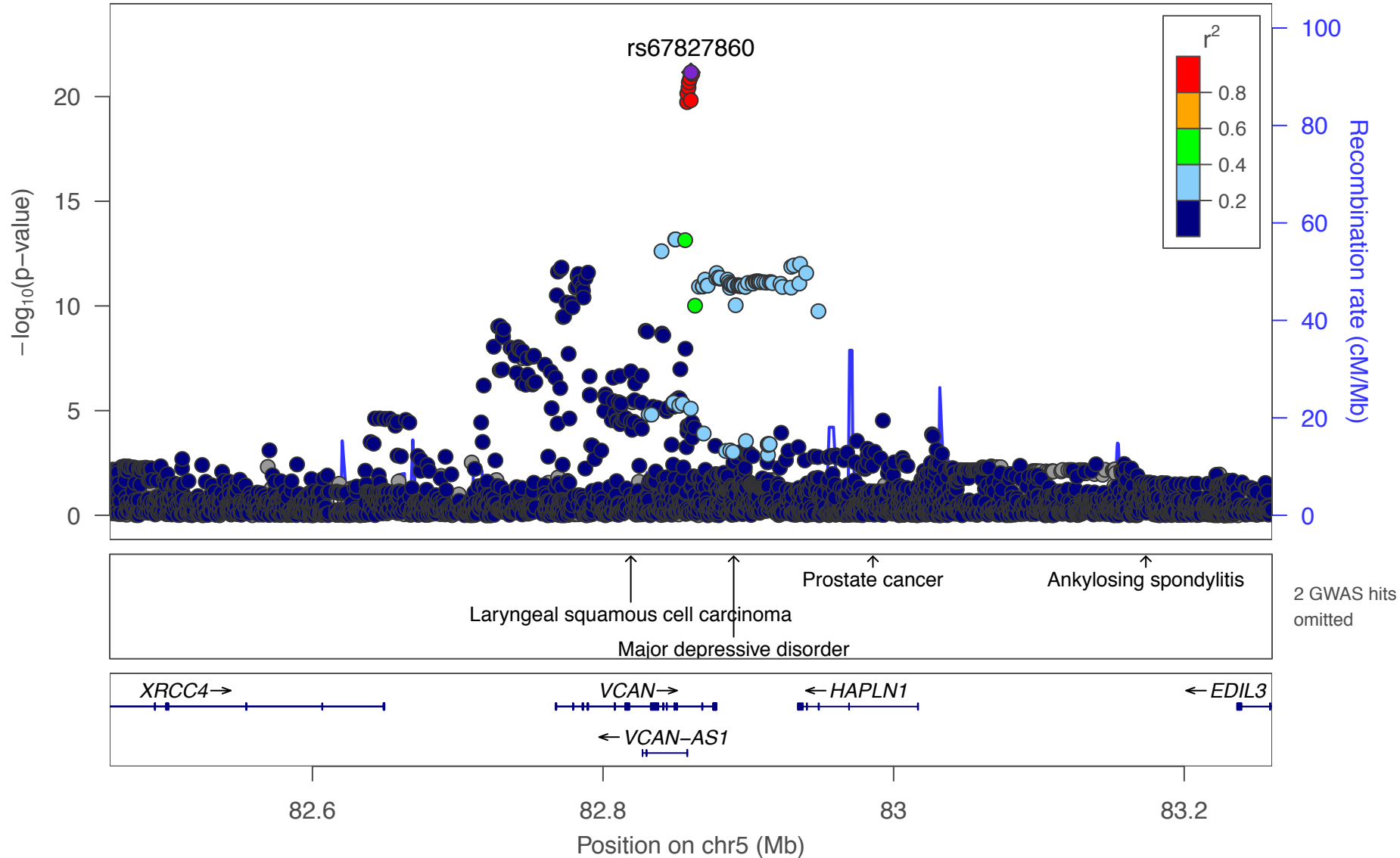
max P.value: 10E–1 [chr5:83083067]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_MD_ilf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 6.93E–22 [chr5:82860485]

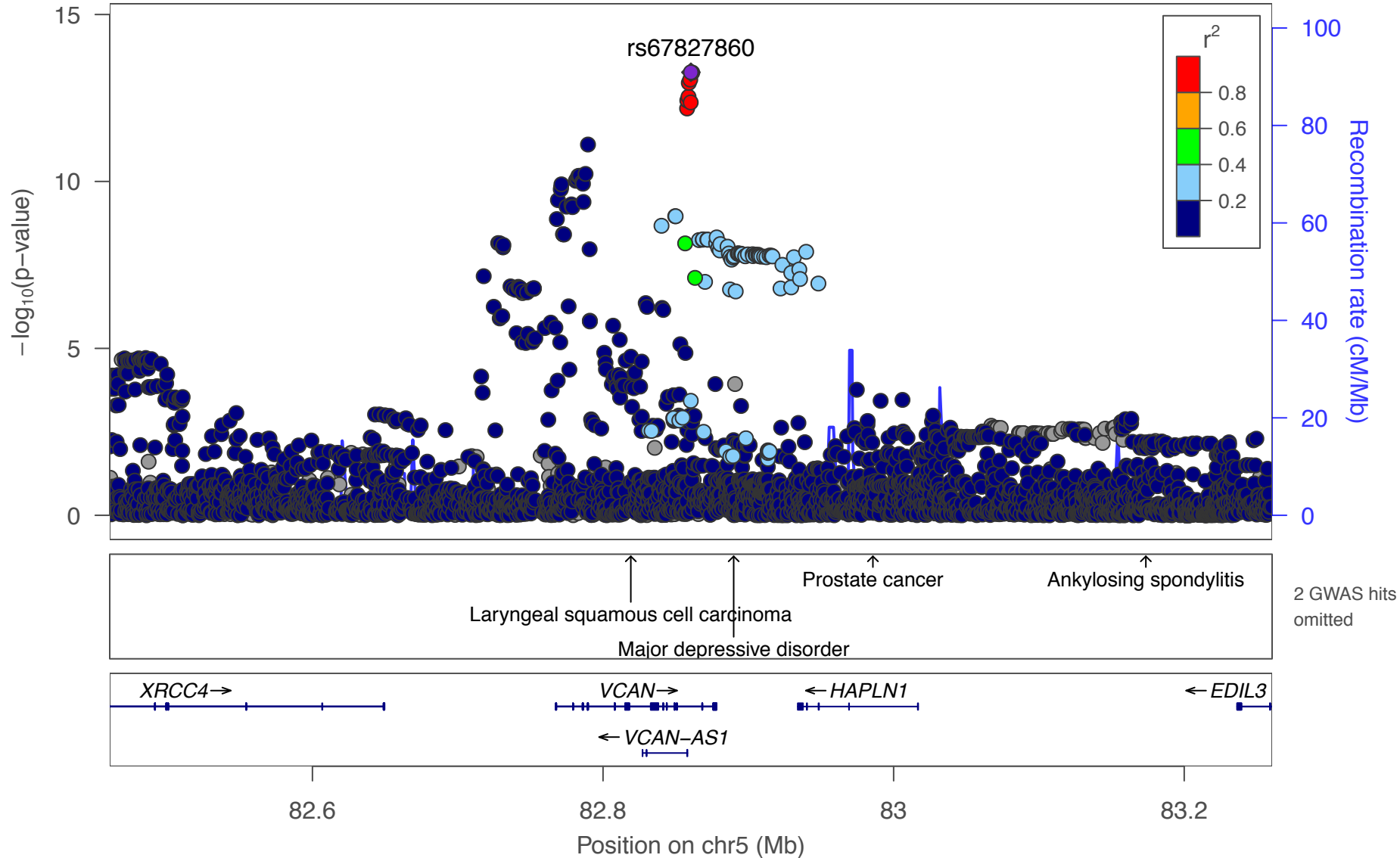
max P.value: 9.99E–1 [chr5:82524547]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_MD_slf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 5.38E–14 [chr5:82860485]

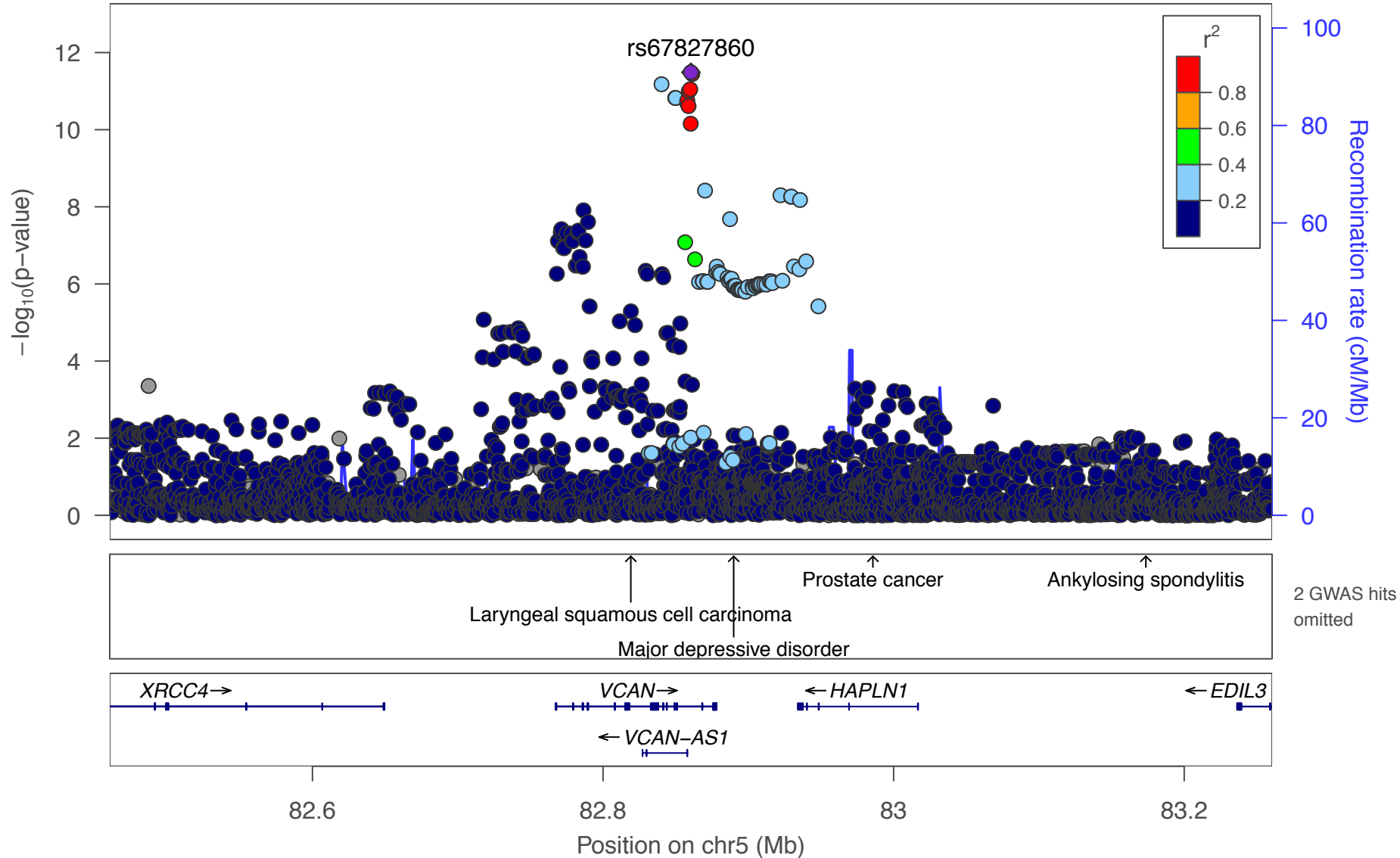
max P.value: 10E–1 [chr5:83201241]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L1_ifo_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 3.25E–12 [chr5:82860485]

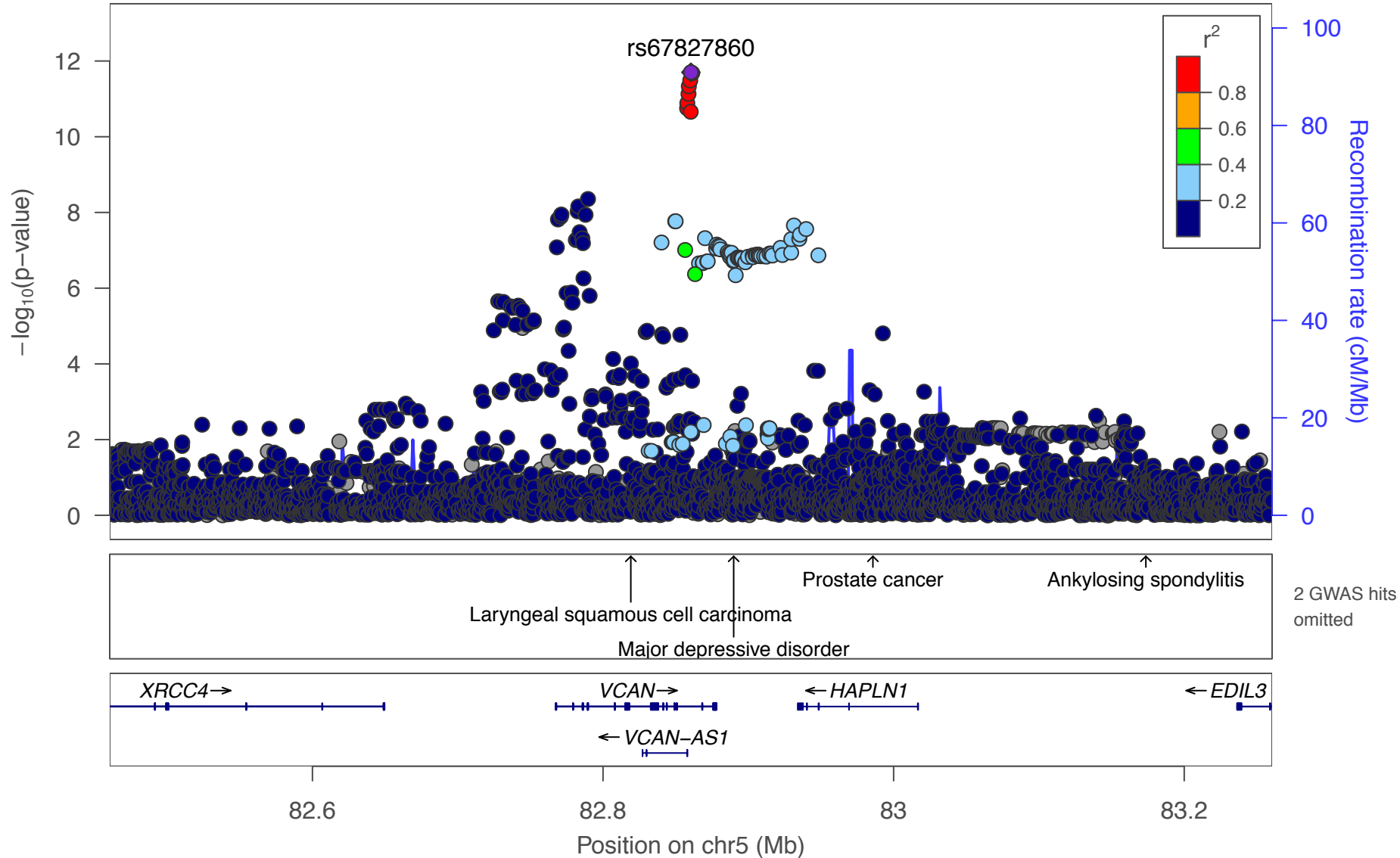
max P.value: 10E–1 [chr5:83192371]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProtrackX_L1_ilf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.99E–12 [chr5:82860485]

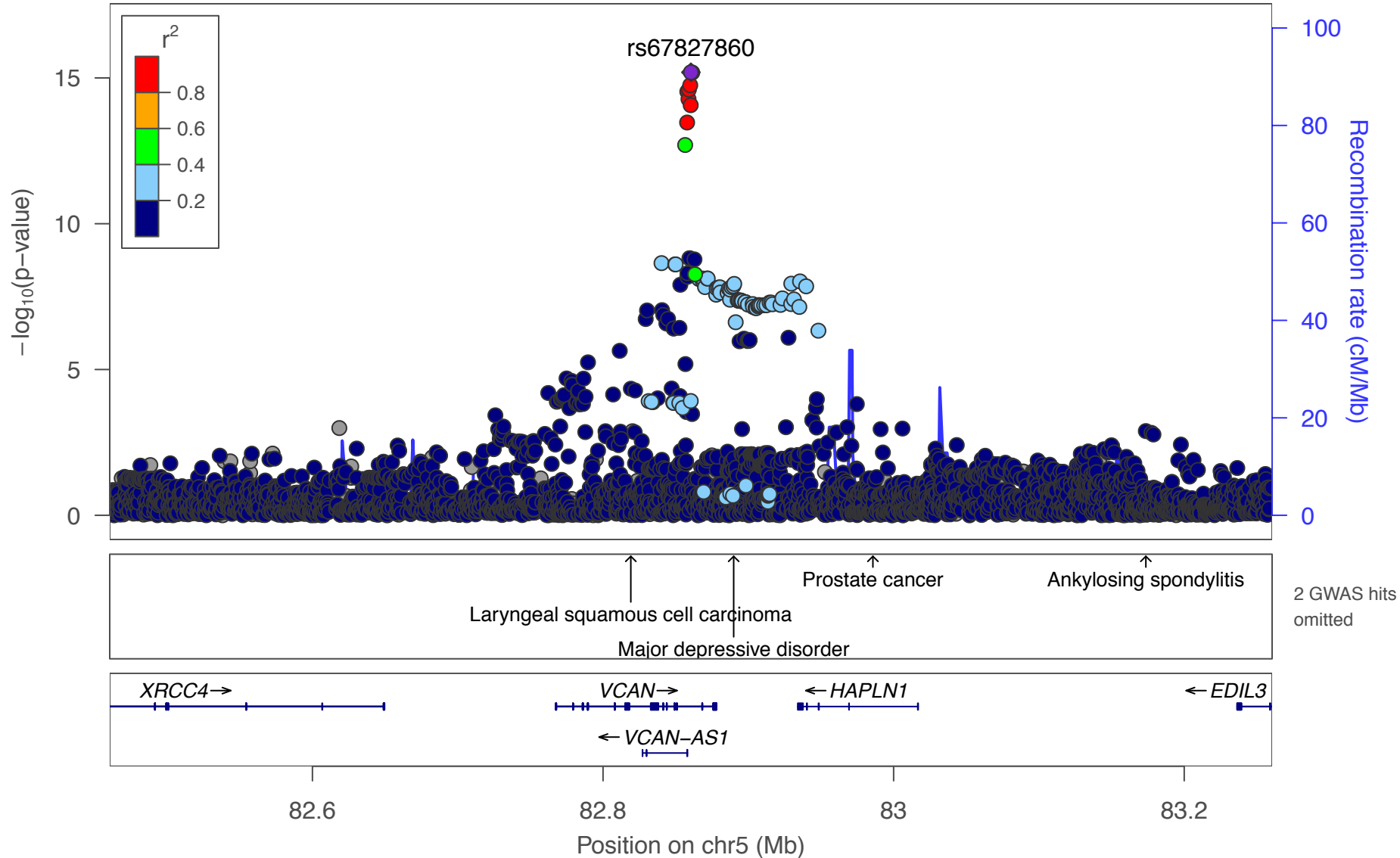
max P.value: 10E–1 [chr5:83204134]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L1_unc_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 6.41E–16 [chr5:82860485]

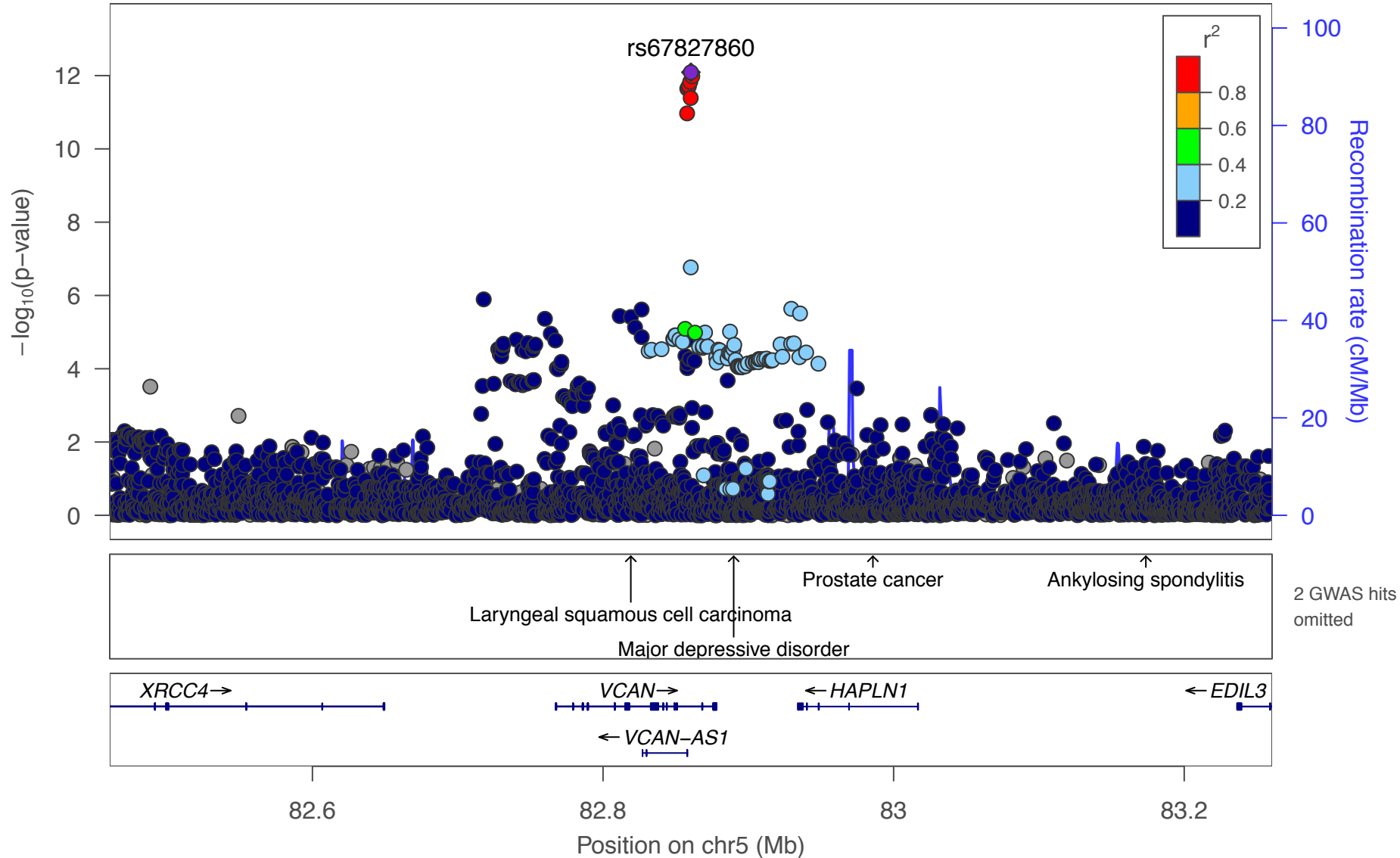
max P.value: 10E–1 [chr5:83052198]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L2_cgc_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 8.13E–13 [chr5:82860485]

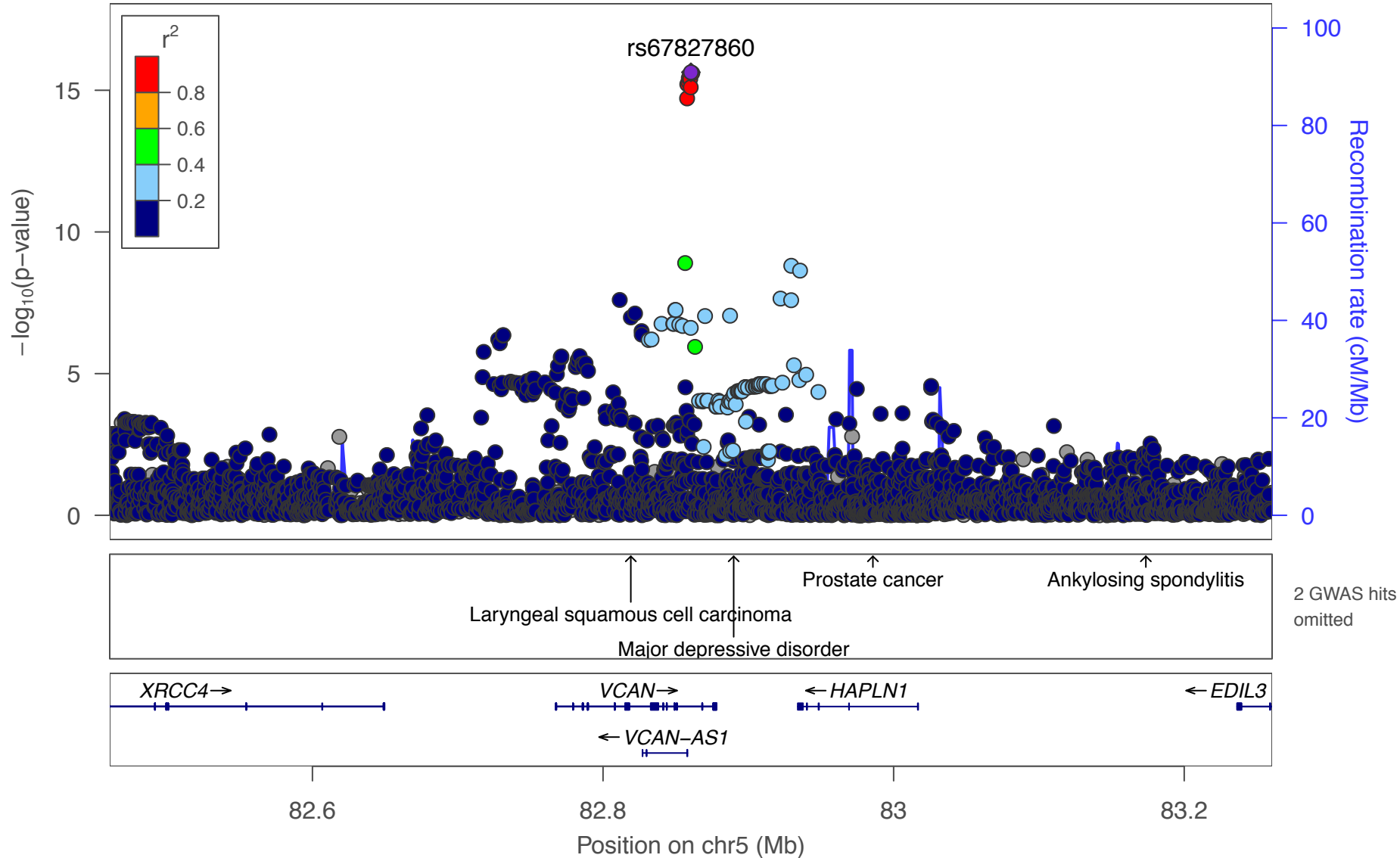
max P.value: 10E–1 [chr5:82616725]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L2_cgc_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.32E–16 [chr5:82860485]

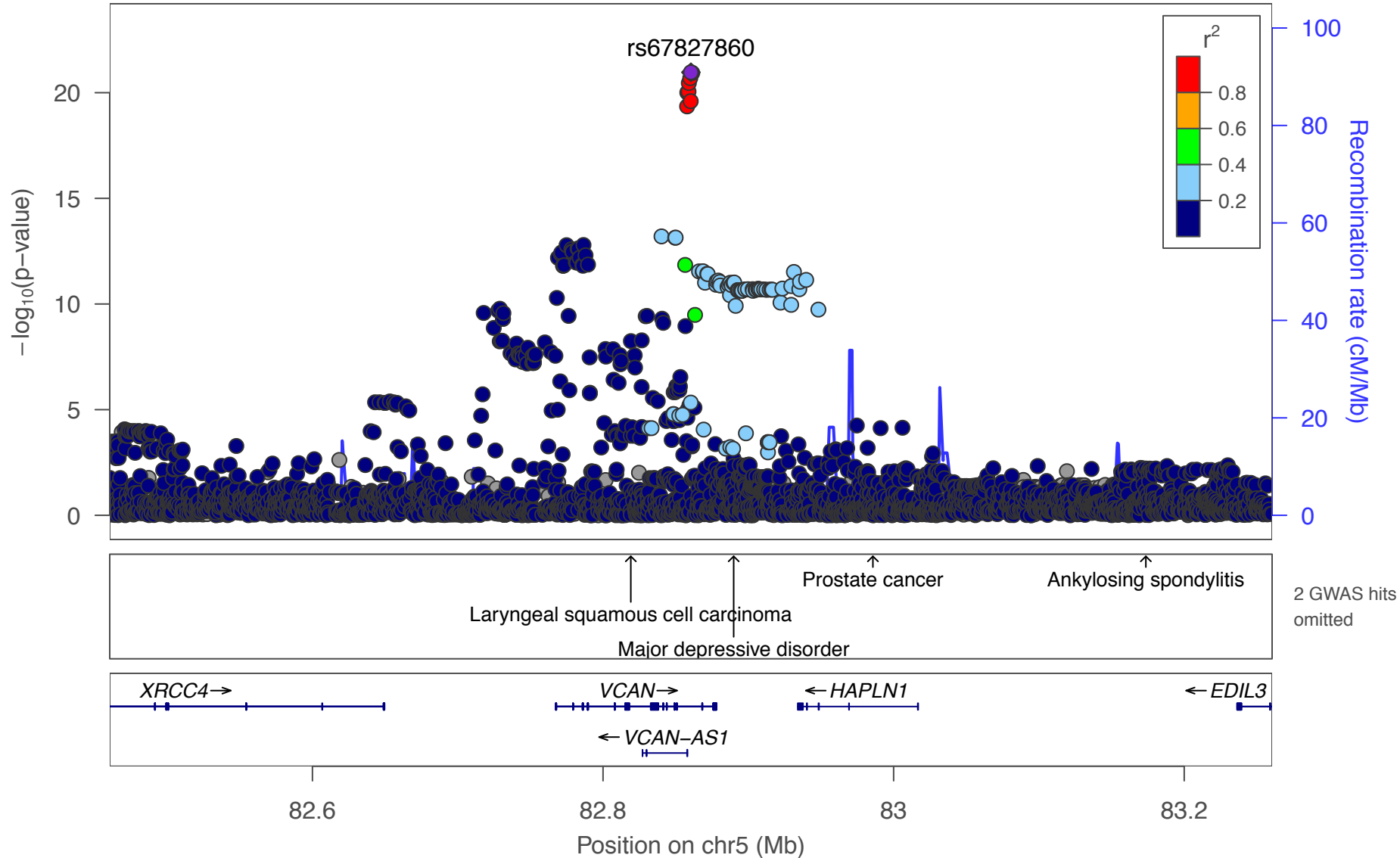
max P.value: 10E–1 [chr5:82975351]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L2_ifo_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.08E–21 [chr5:82860485]

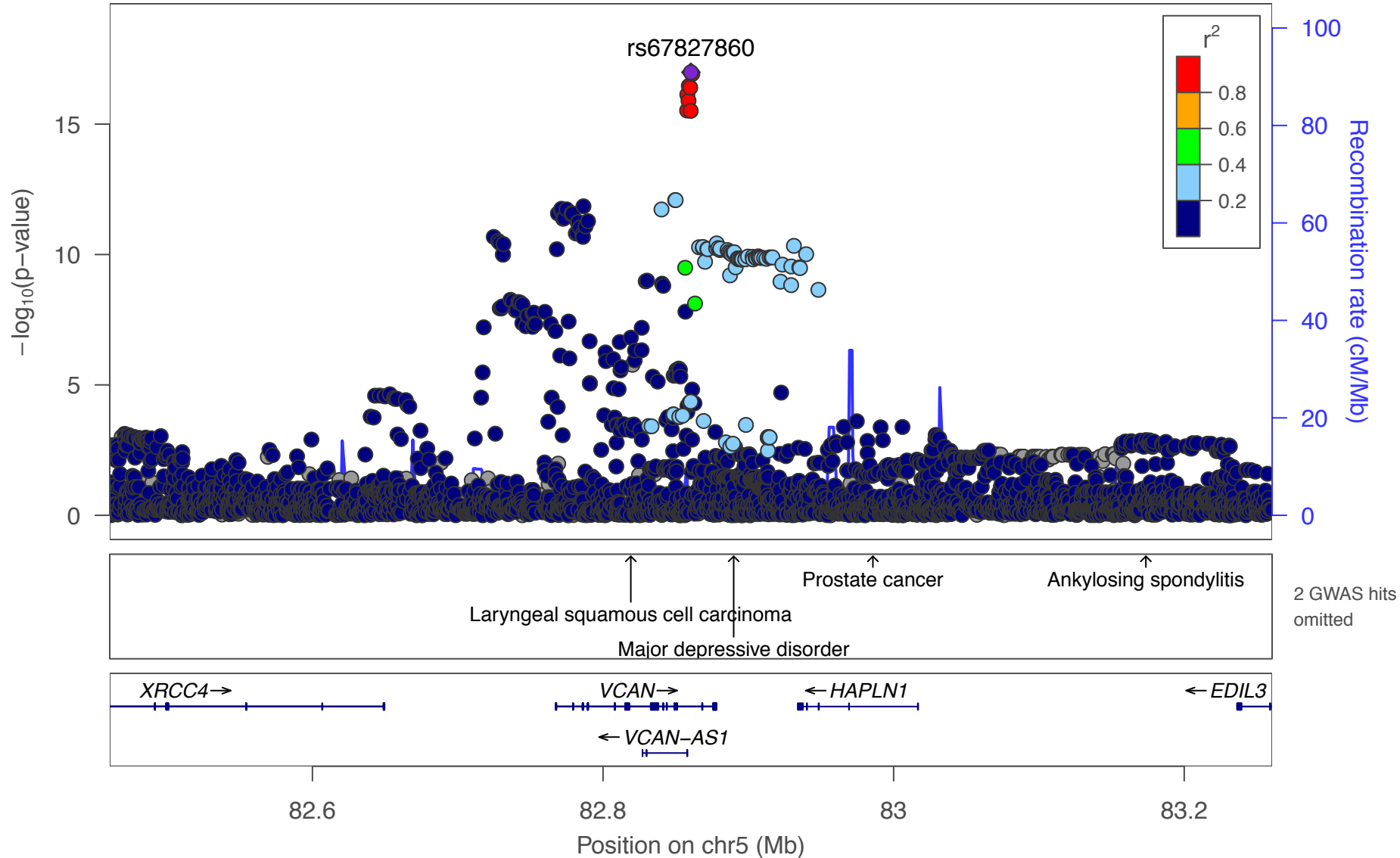
max P.value: 9.99E–1 [chr5:82901436]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L2_ifo_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.03E–17 [chr5:82860485]

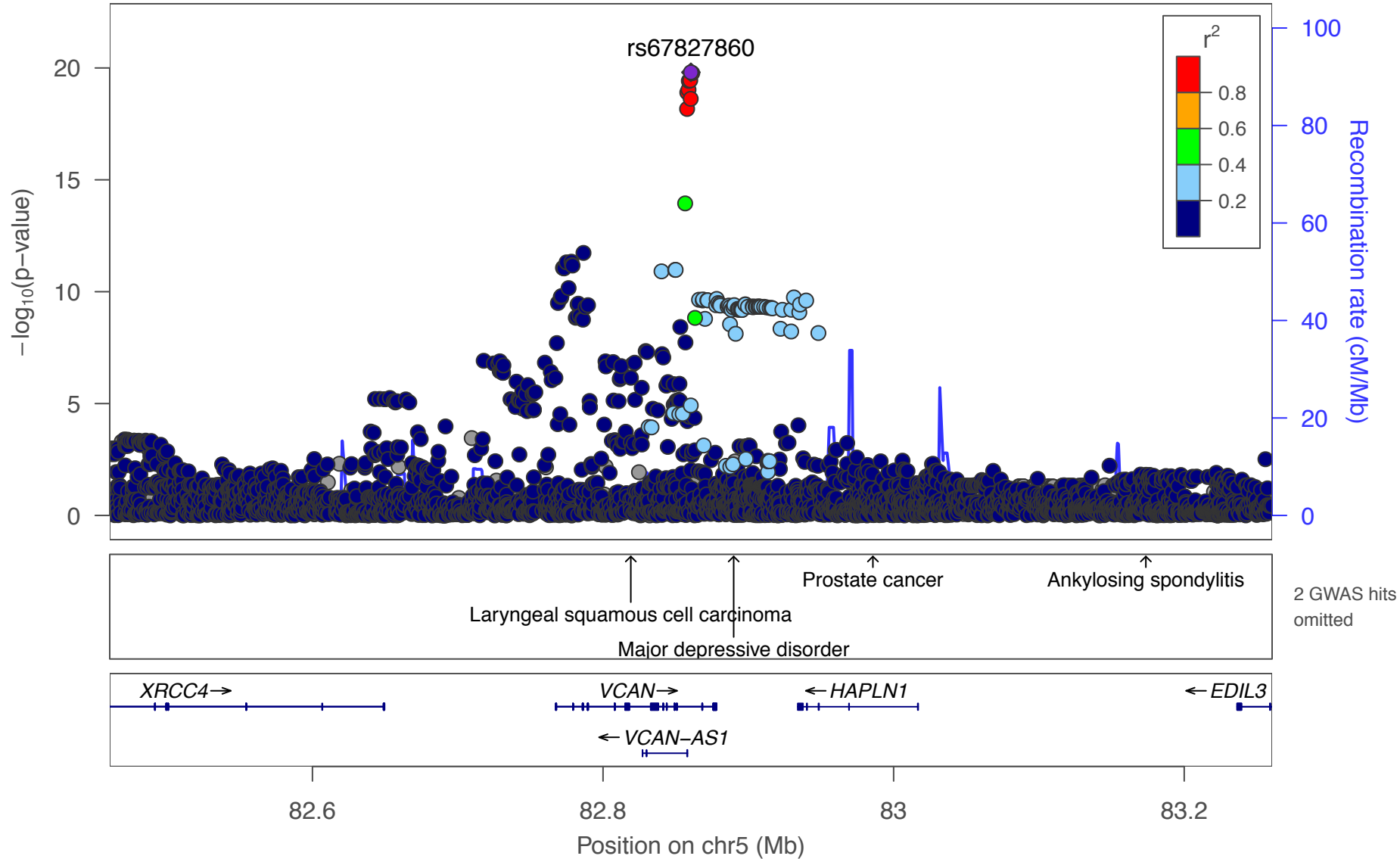
max P.value: 9.99E–1 [chr5:82776020]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L2_ilf_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.57E–20 [chr5:82860485]

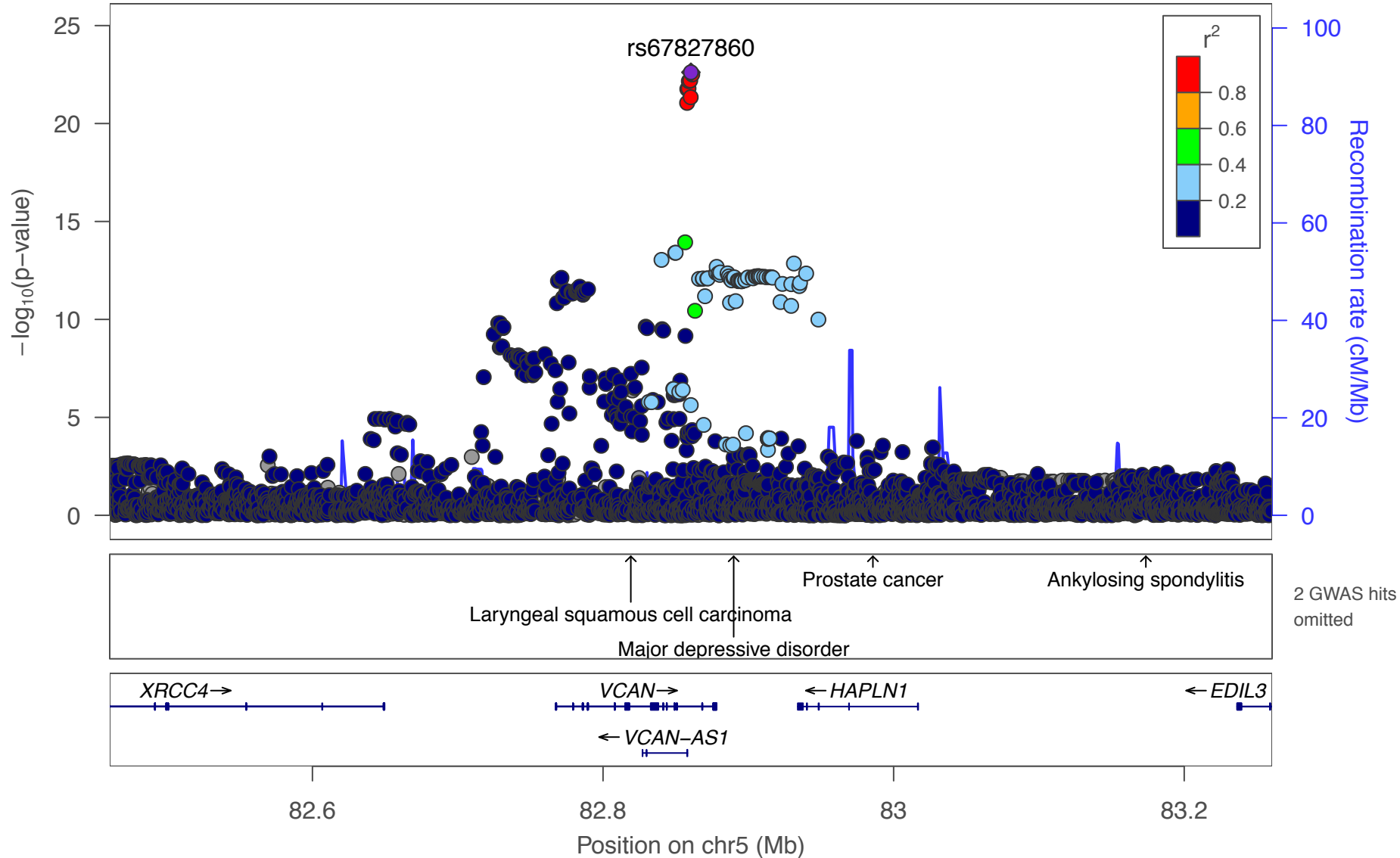
max P.value: 9.99E–1 [chr5:82649969]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProtrackX_L2_ilf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.43E–23 [chr5:82860485]

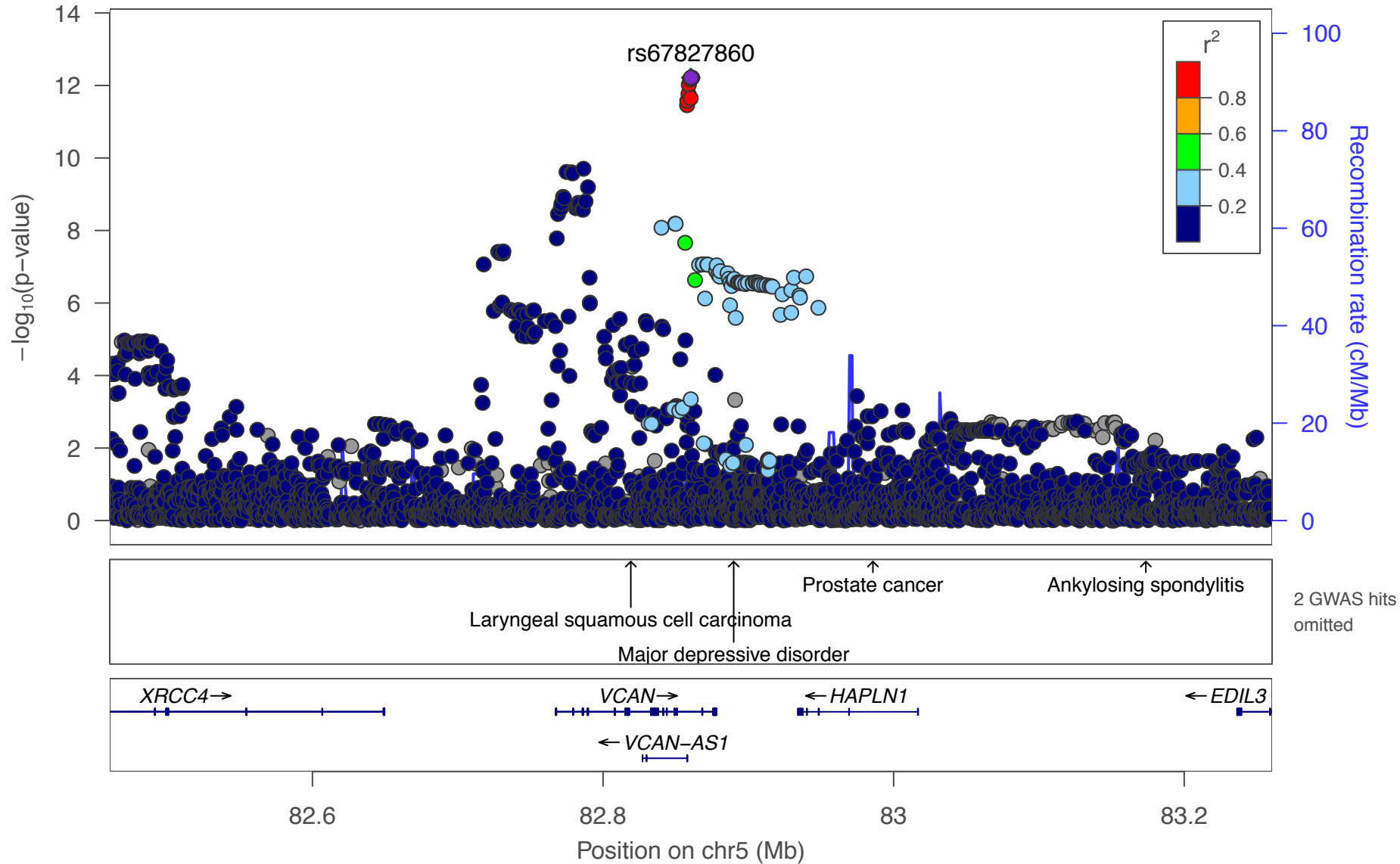
max P.value: 10E–1 [chr5:82769528]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L2_slf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 6.07E–13 [chr5:82860485]

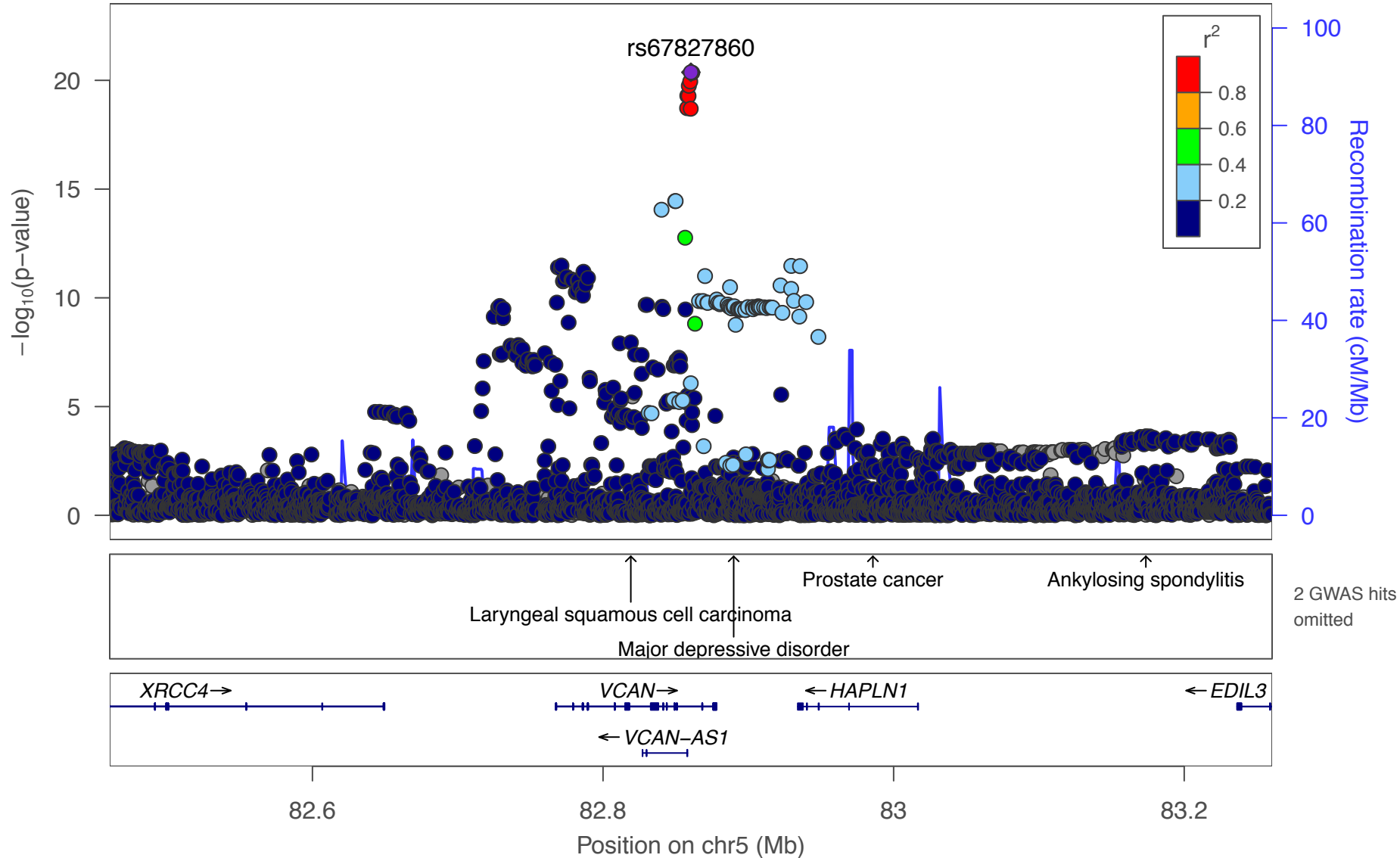
max P.value: 10E–1 [chr5:82768225]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L3_ifo_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 4.27E–21 [chr5:82860485]

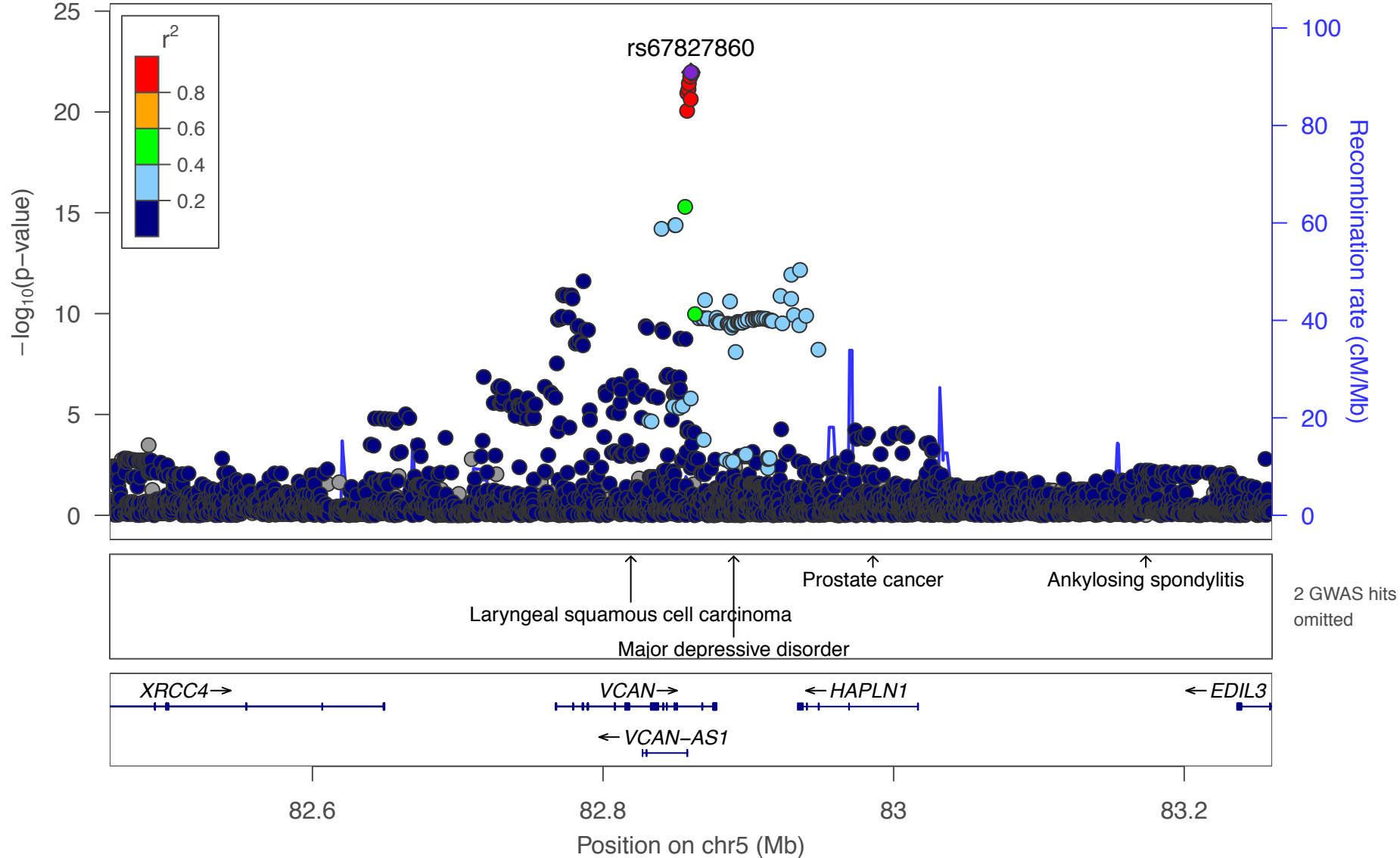
max P.value: 10E–1 [chr5:82897384]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProtrackX_L3_ilf_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.08E–22 [chr5:82860485]

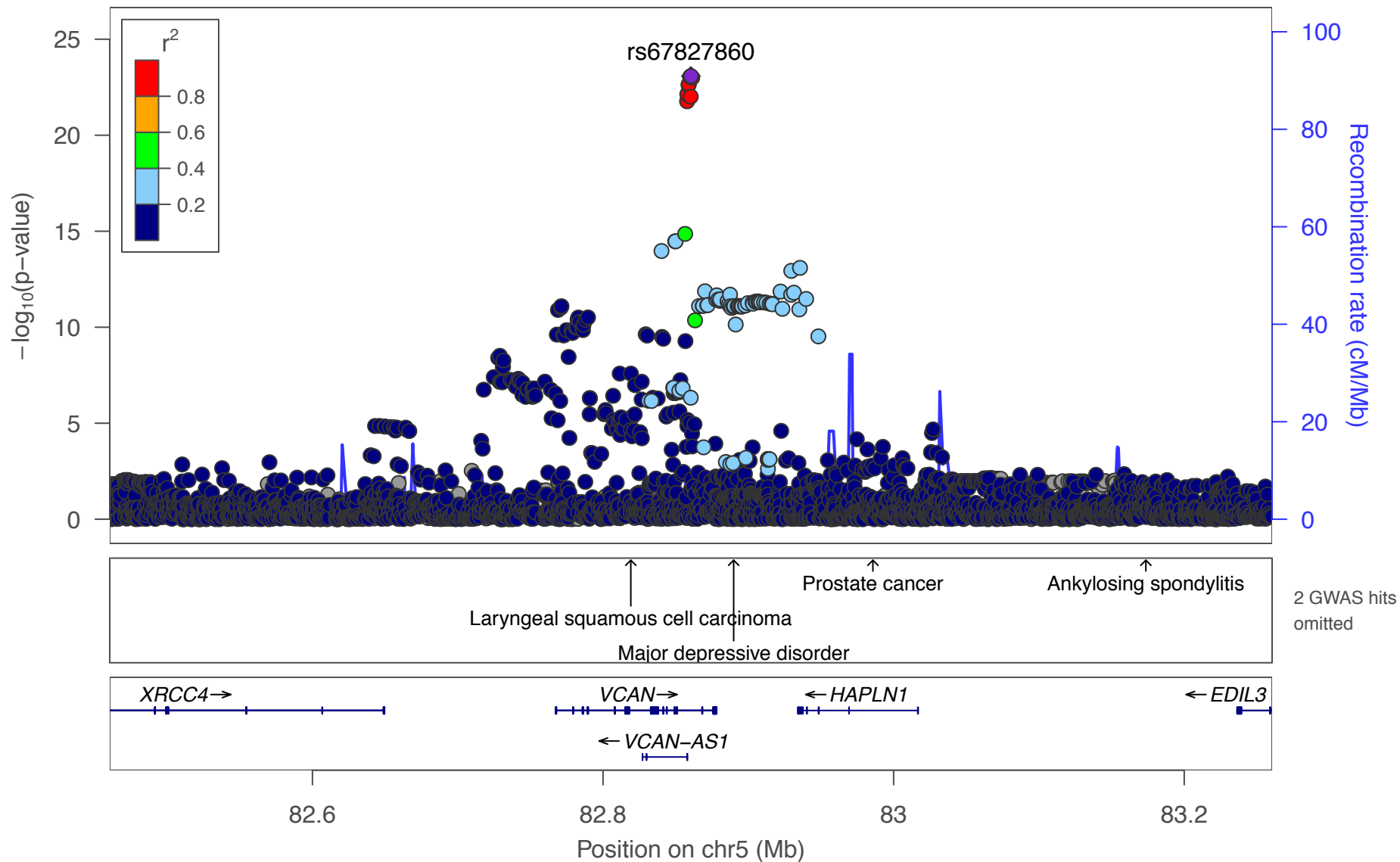
max P.value: 10E–1 [chr5:83165955]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProtrackX_L3_ilf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 8.34E–24 [chr5:82860485]

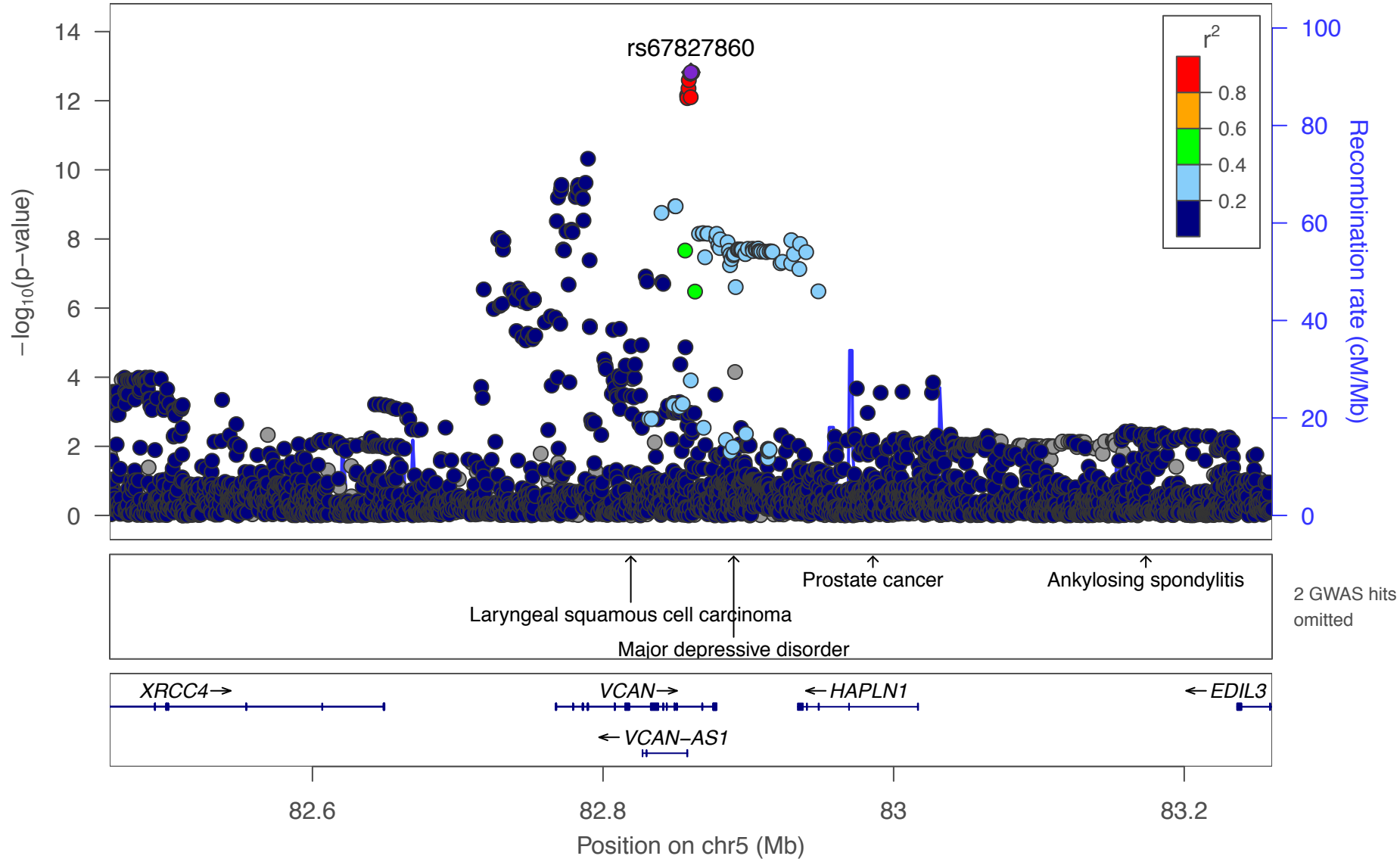
max P.value: 10E–1 [chr5:82978826]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_L3_slf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.51E–13 [chr5:82860485]

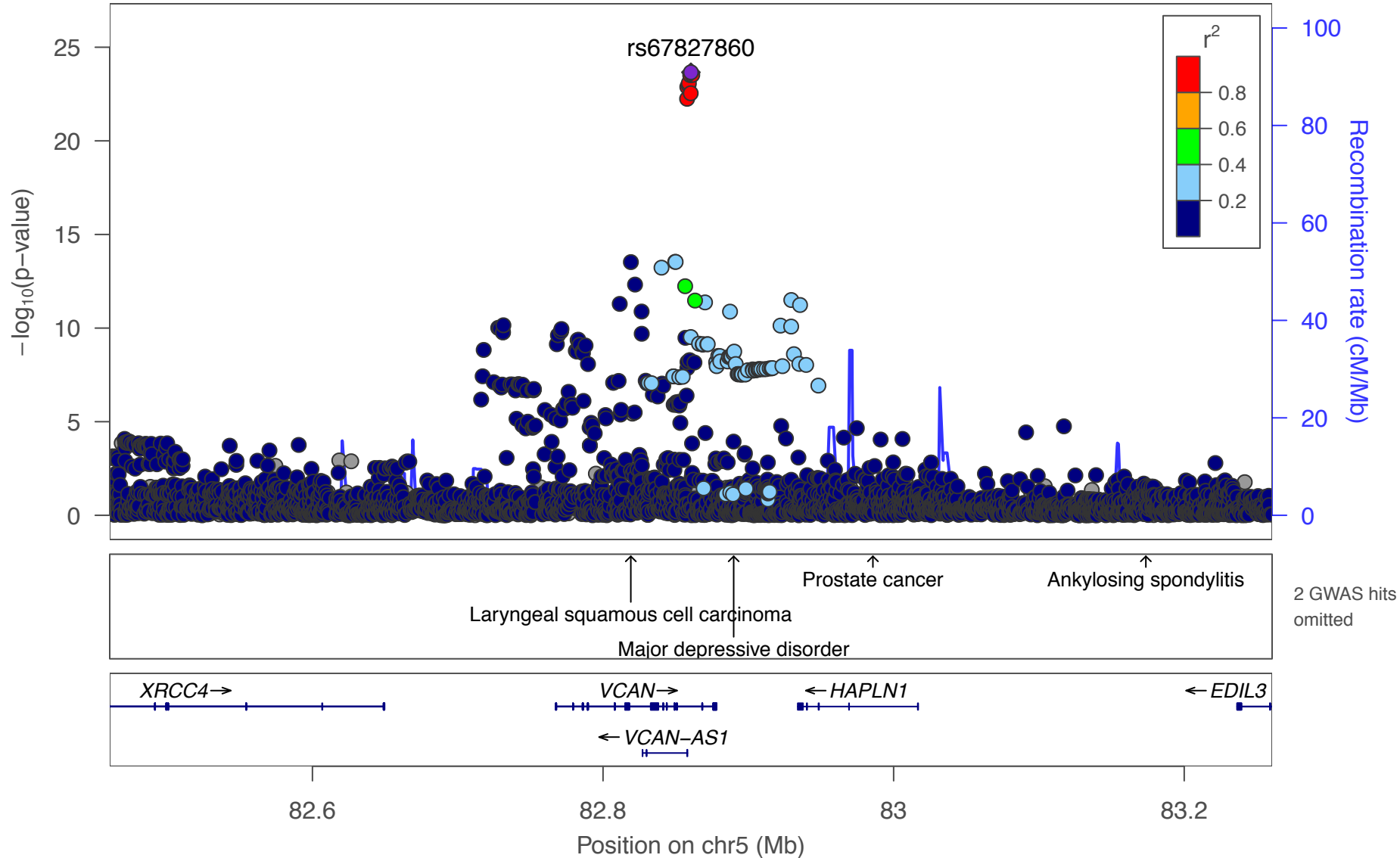
max P.value: 10E–1 [chr5:82510720]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_cgc_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.18E–24 [chr5:82860485]

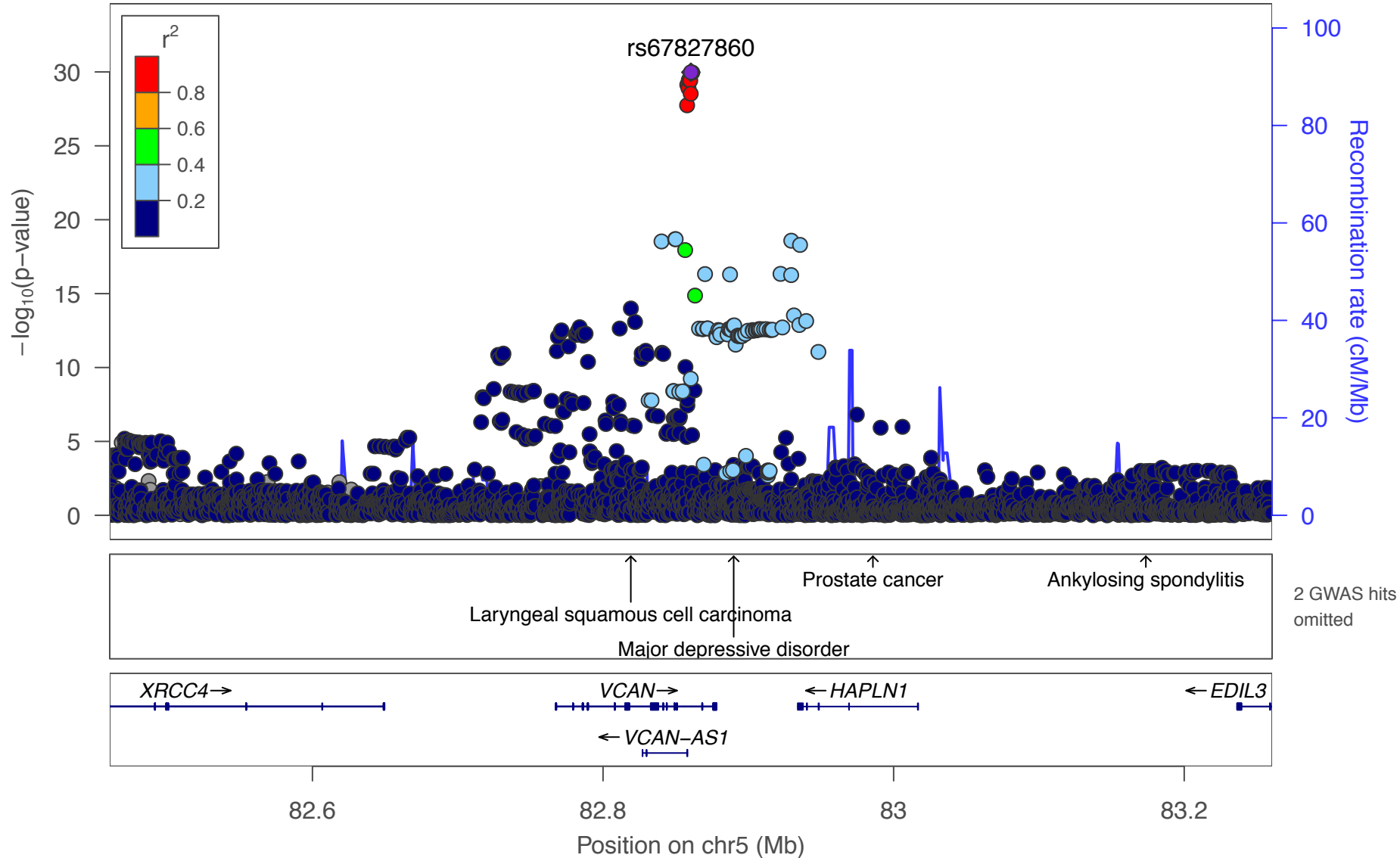
max P.value: 10E–1 [chr5:83139843]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_cgc_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.06E–30 [chr5:82860485]

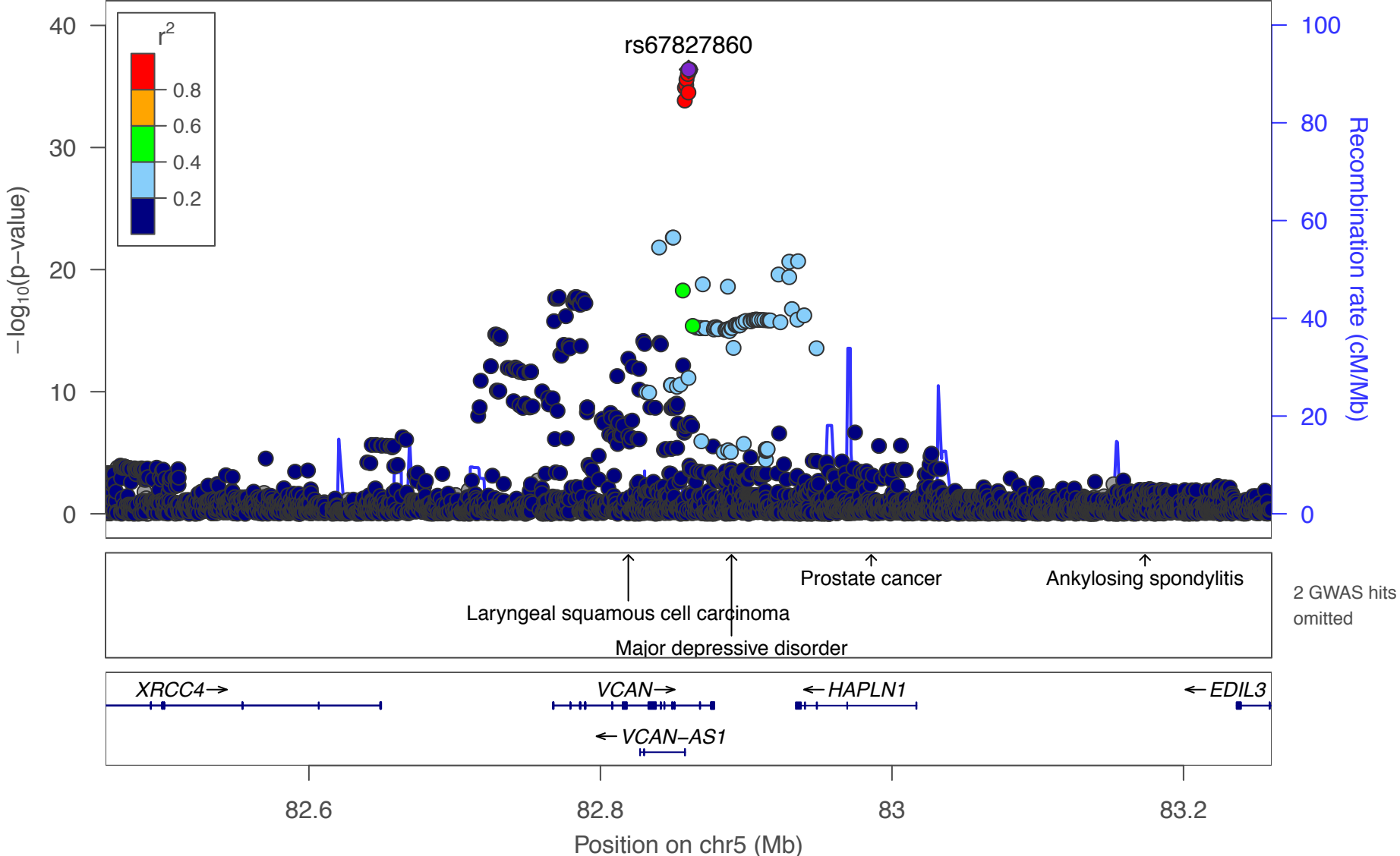
max P.value: 9.99E–1 [chr5:82581810]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_ilf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 4.06E–37 [chr5:82860485]

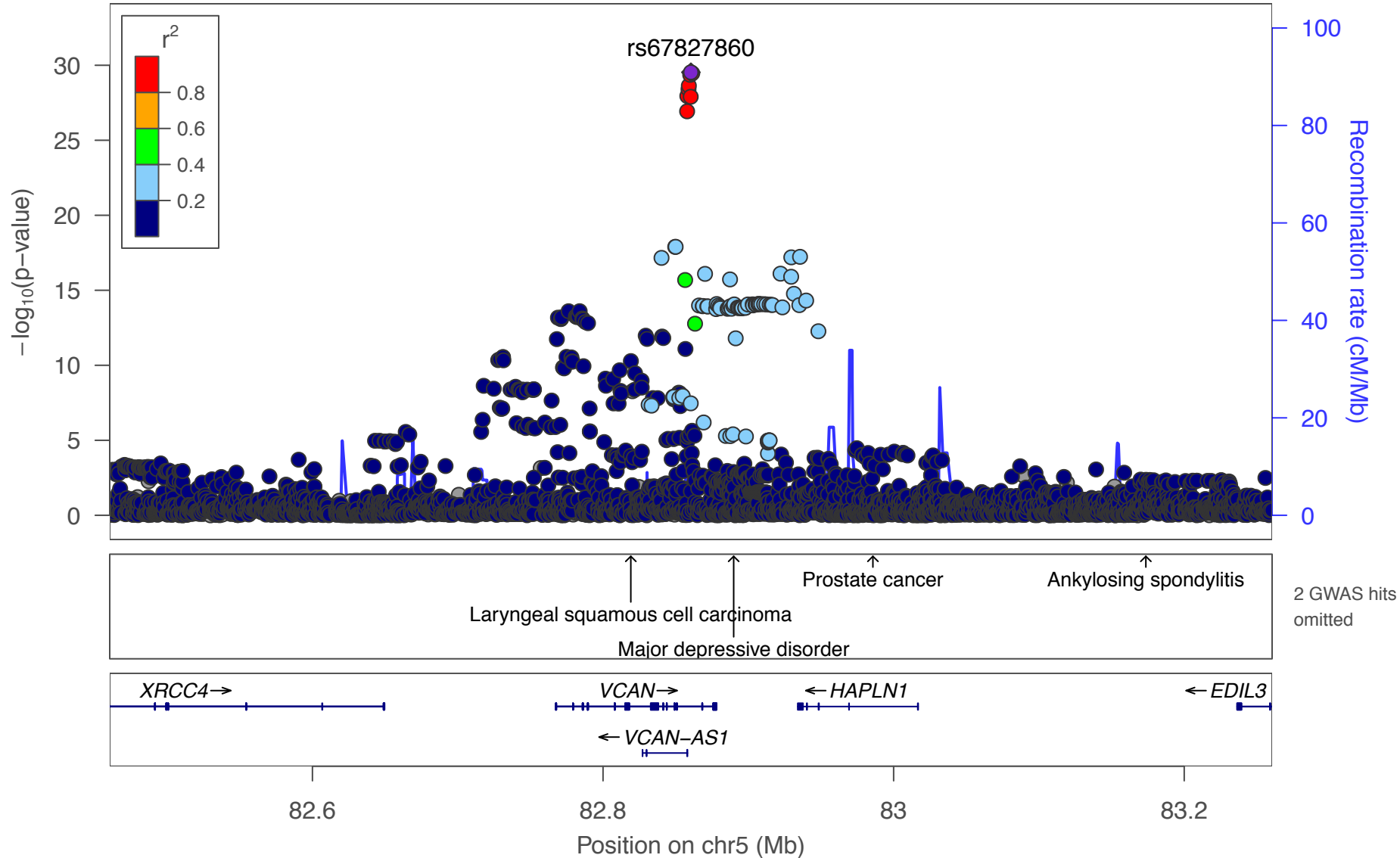
max P.value: 9.99E–1 [chr5:82522233]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_ptr_I



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 2.94E–30 [chr5:82860485]

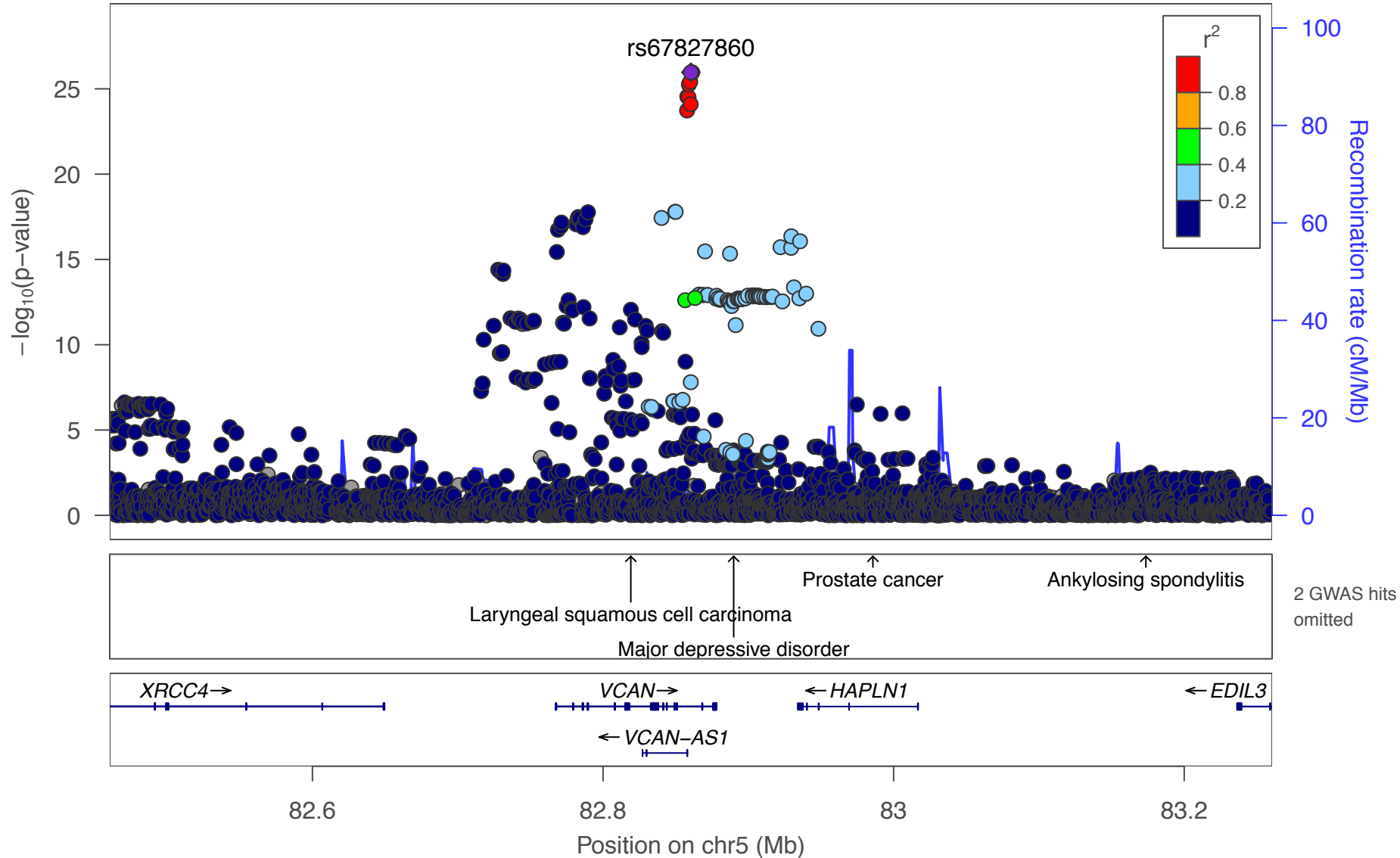
max P.value: 10E–1 [chr5:82633011]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

ProbtrackX_ICVF_slf_r



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82460485–83260485 [82460485–83260485]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82860485

number of SNPs plotted: 3393

min P.value: 1.07E–26 [chr5:82860485]

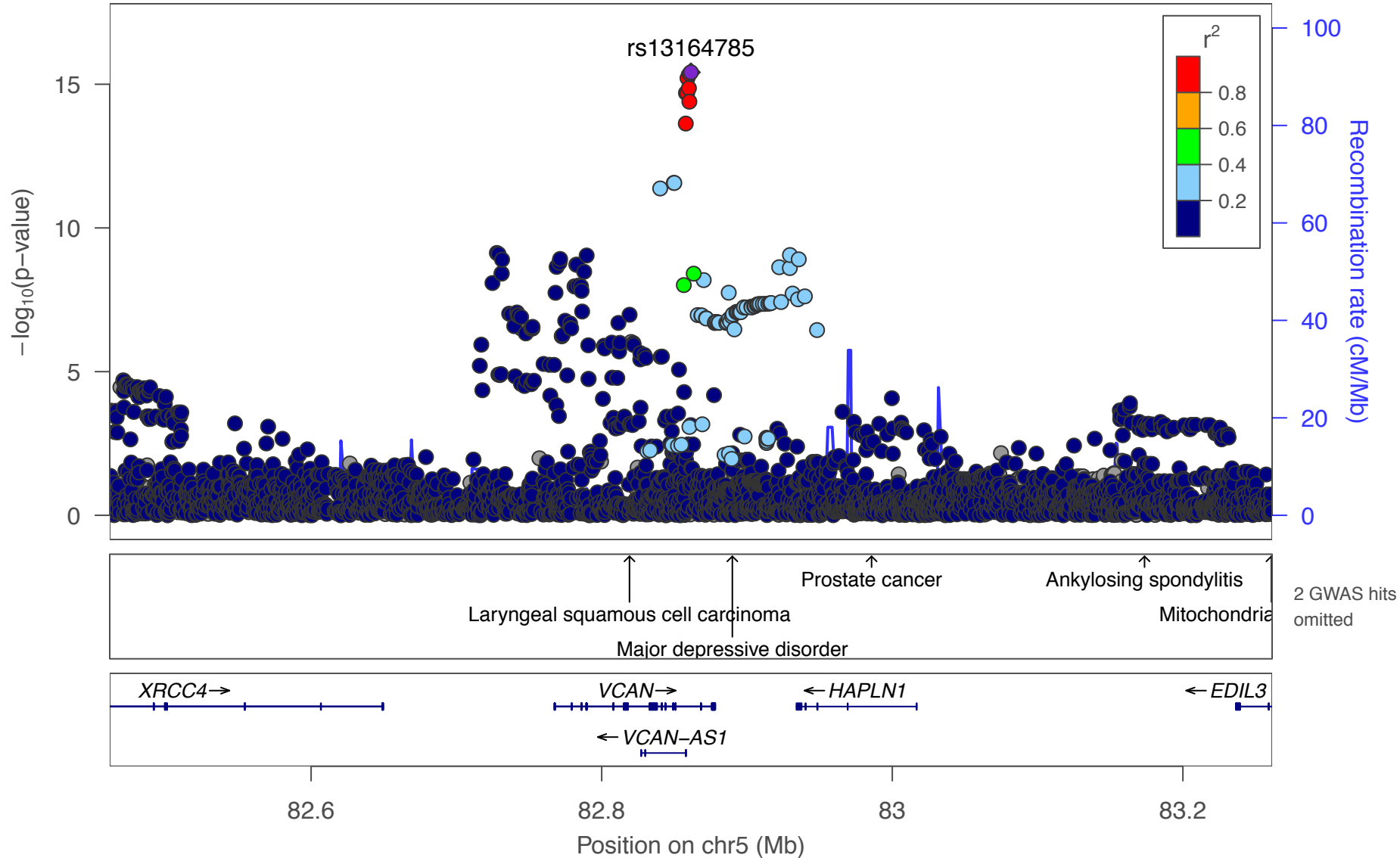
max P.value: 10E–1 [chr5:82735475]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569

TBSS_MD_Genu_of_corpus_callosum



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.84E–16 [chr5:82861400]

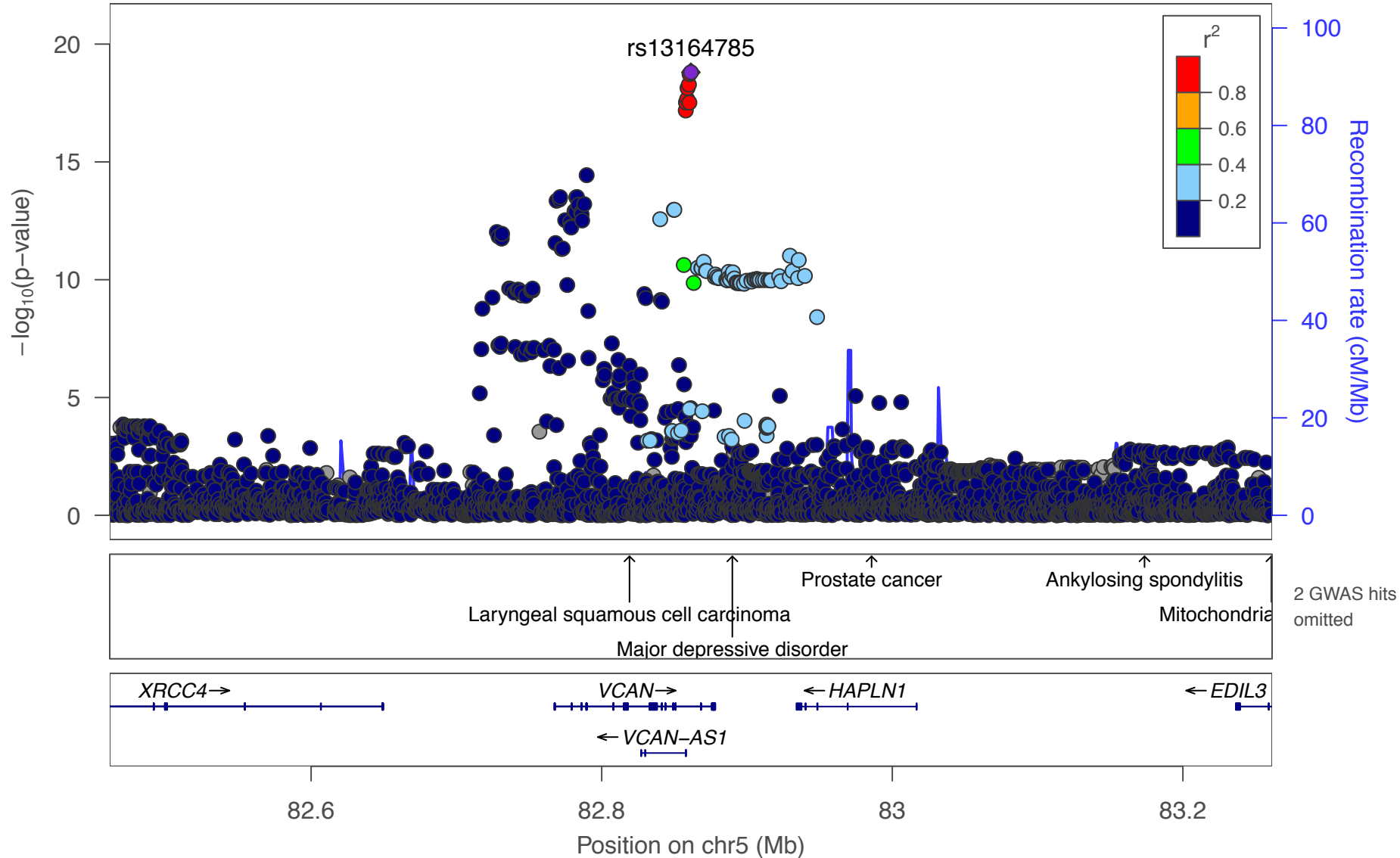
max P.value: 10E–1 [chr5:82791634]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_Anterior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.57E–19 [chr5:82861400]

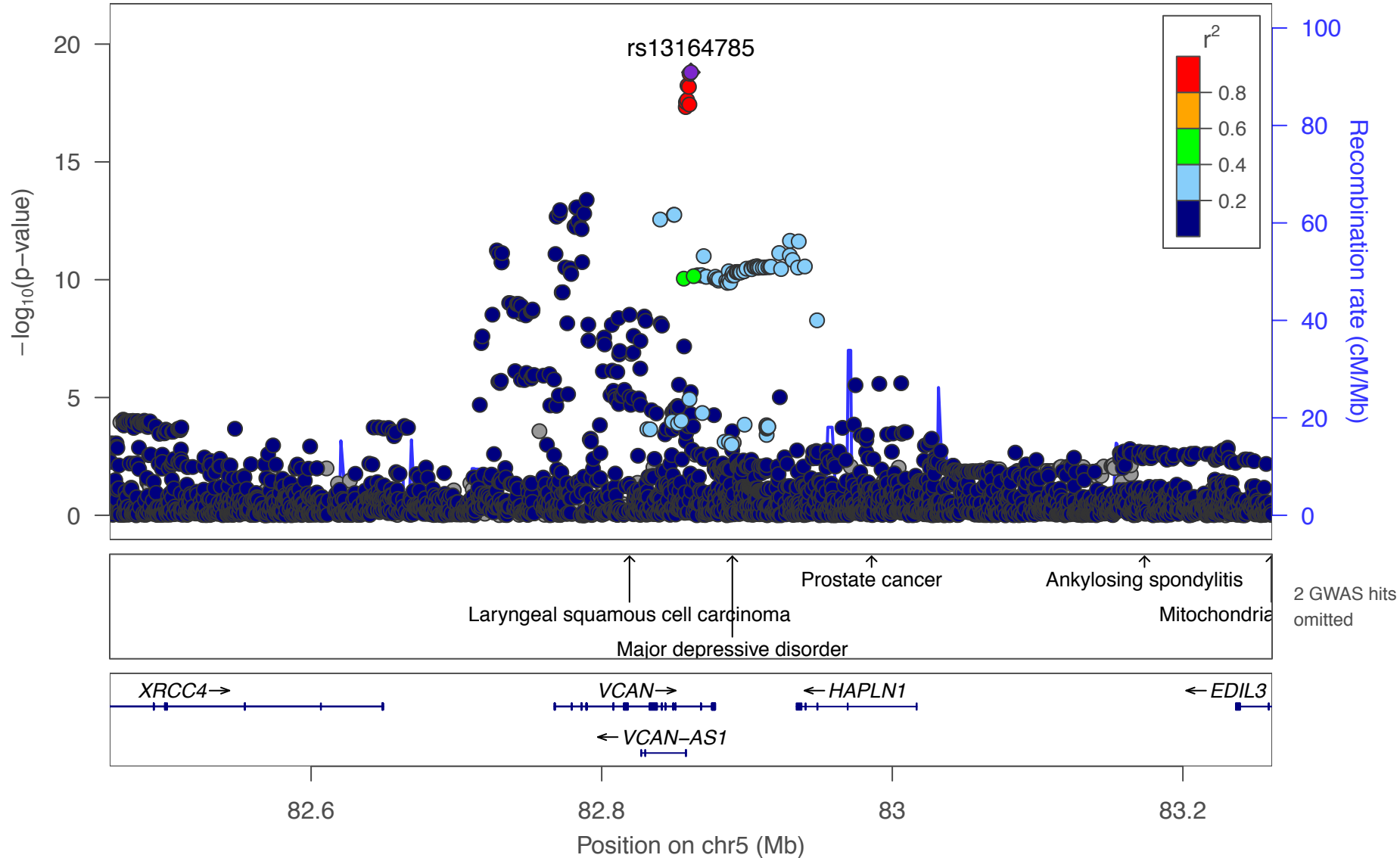
max P.value: 9.99E–1 [chr5:82707560]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_Anterior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.57E–19 [chr5:82861400]

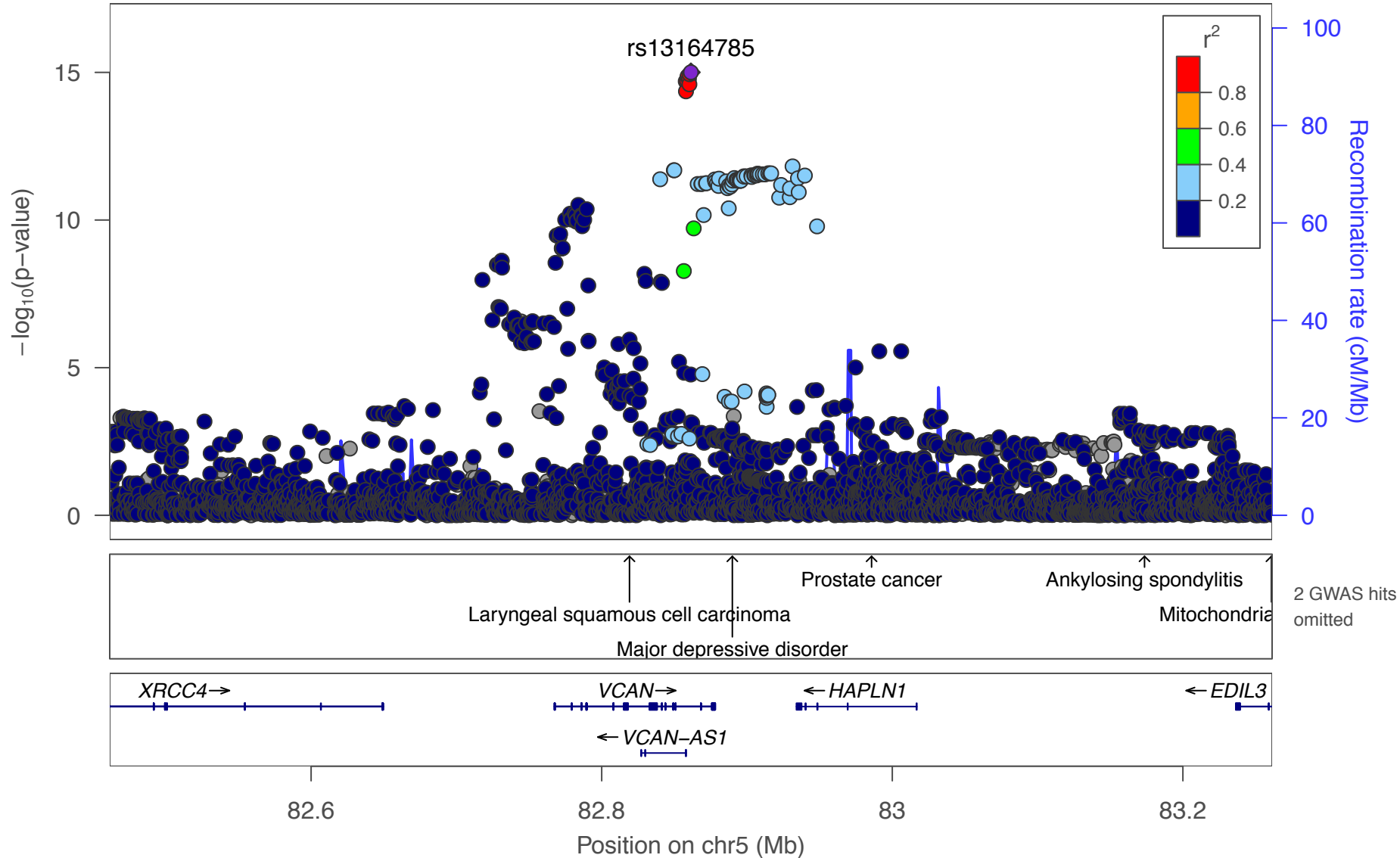
max P.value: 9.99E–1 [chr5:83077850]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_Superior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 9.93E–16 [chr5:82861400]

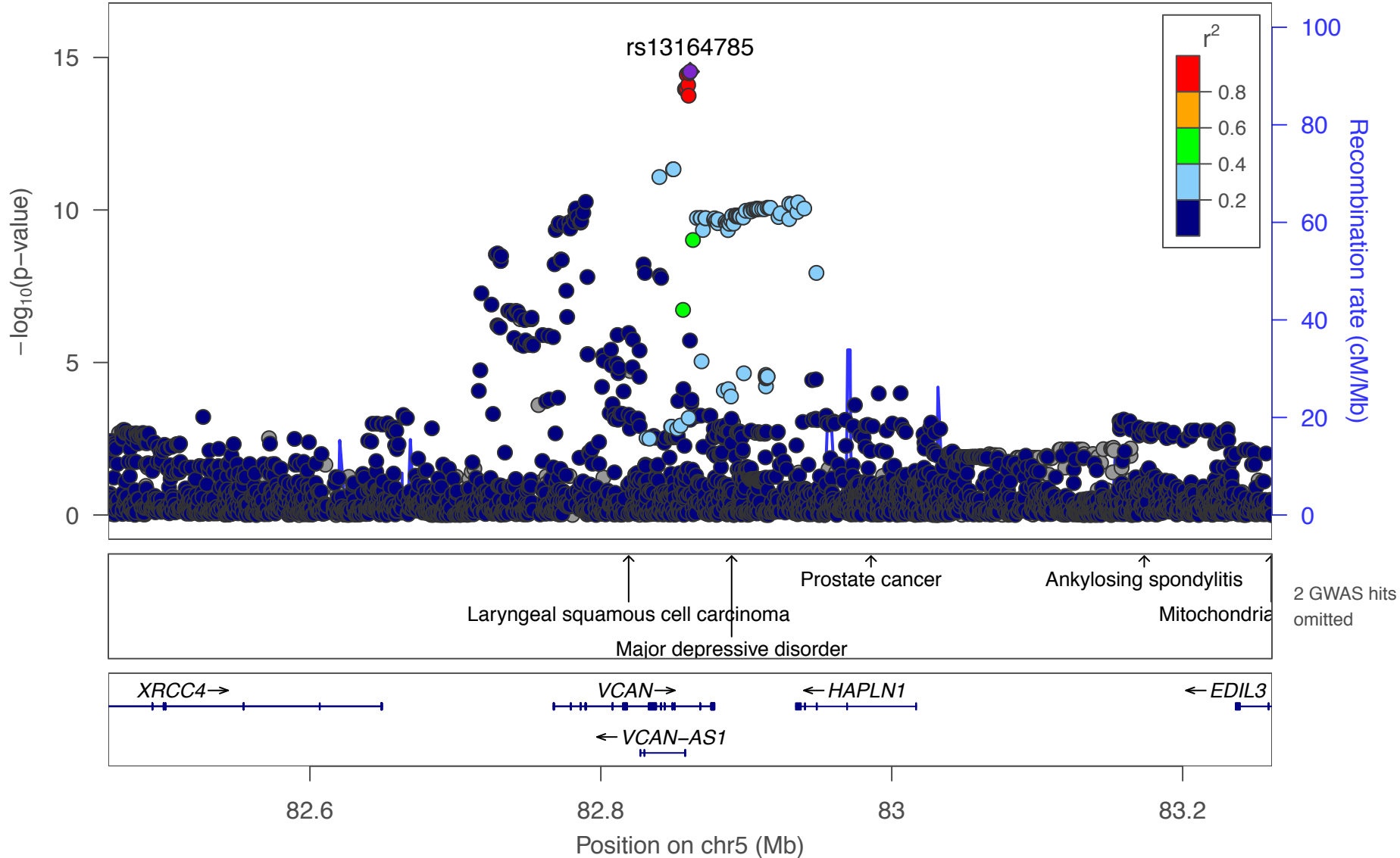
max P.value: 9.99E–1 [chr5:82693995]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_Superior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.91E–15 [chr5:82861400]

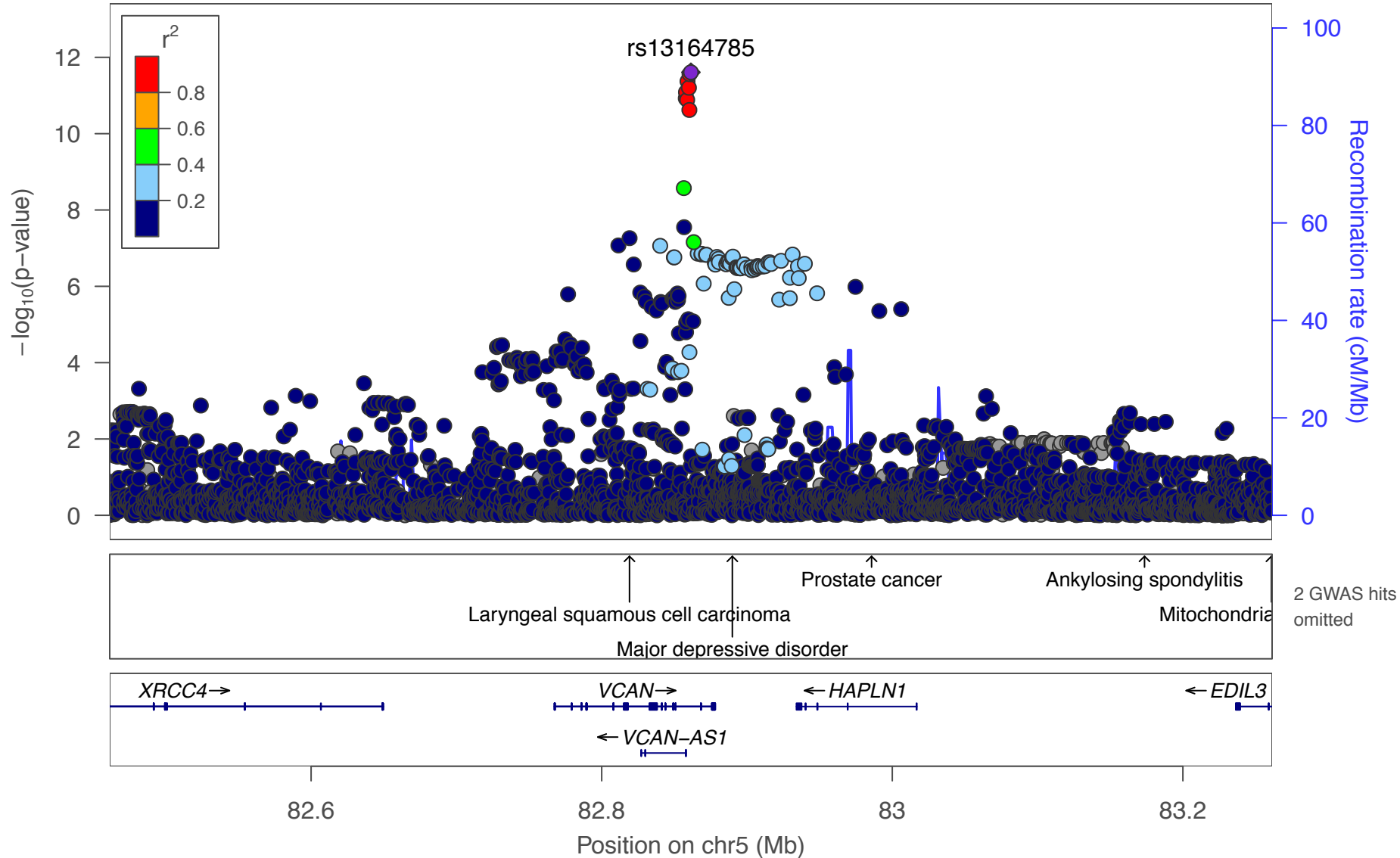
max P.value: 10E–1 [chr5:83211071]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_External_capsule_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.47E–12 [chr5:82861400]

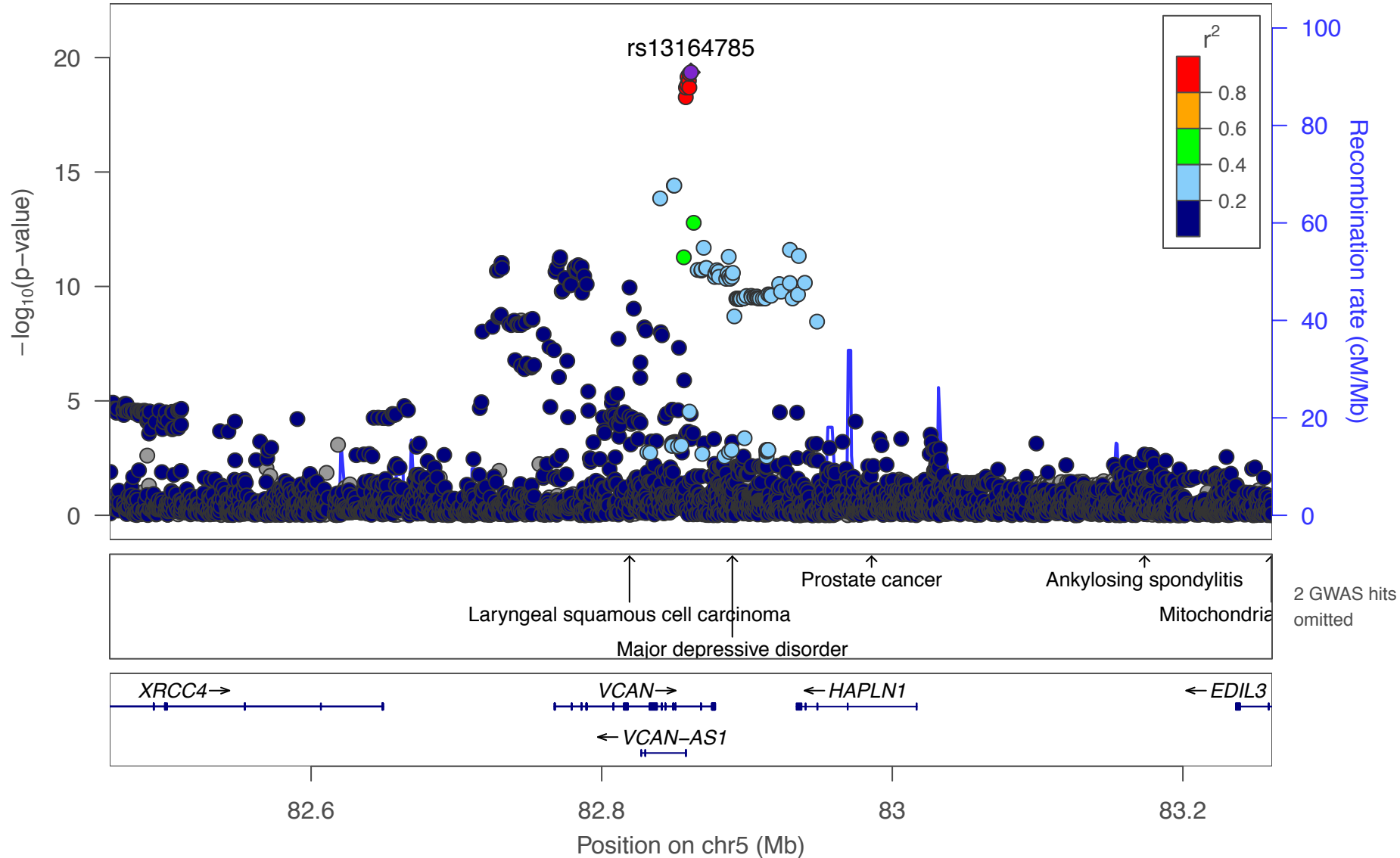
max P.value: 9.99E–1 [chr5:83227196]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_Cingulum_cingulate_gyrus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.4E–20 [chr5:82861400]

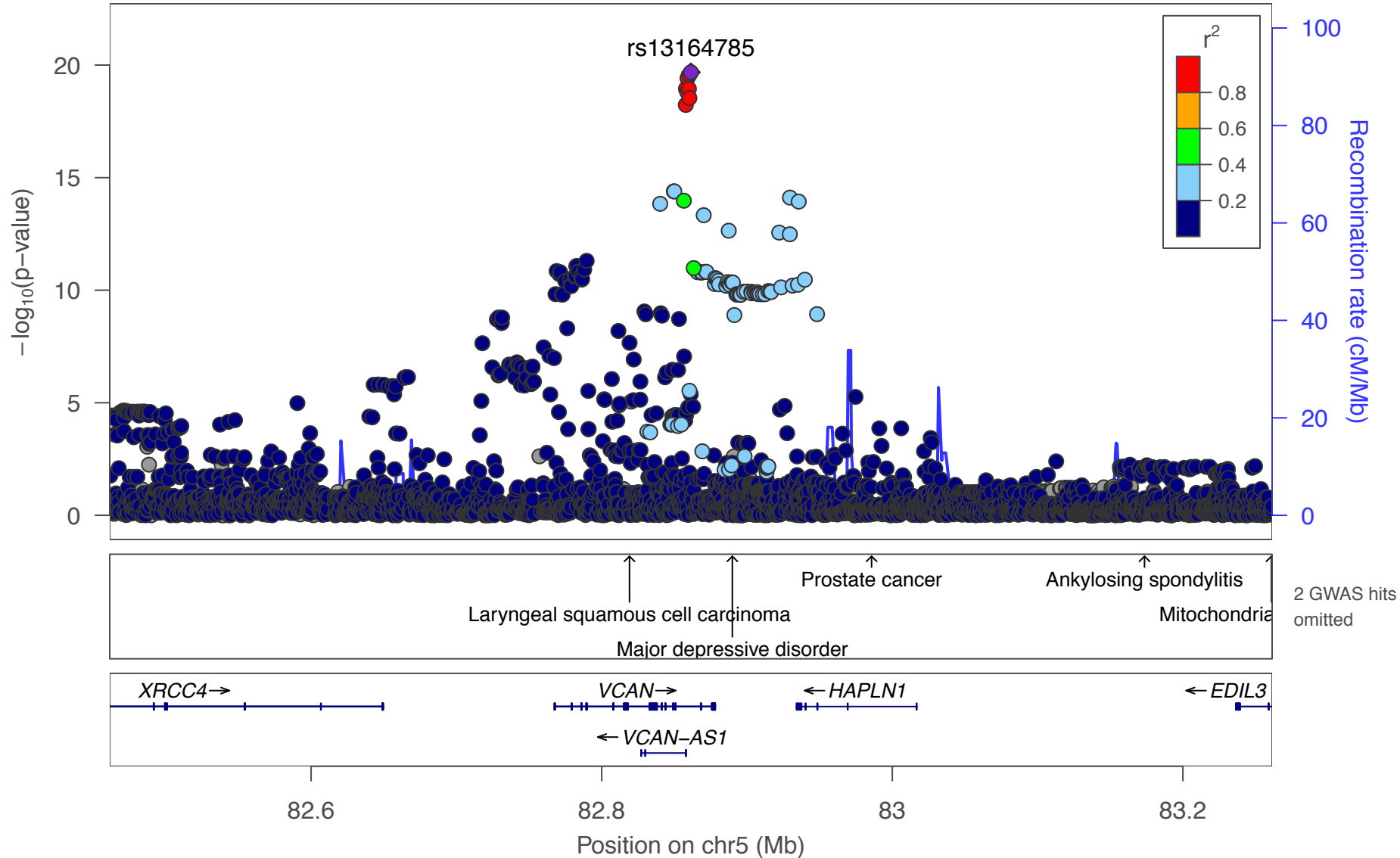
max P.value: 10E–1 [chr5:83125888]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_Cingulum_cingulate_gyrus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.09E–20 [chr5:82861400]

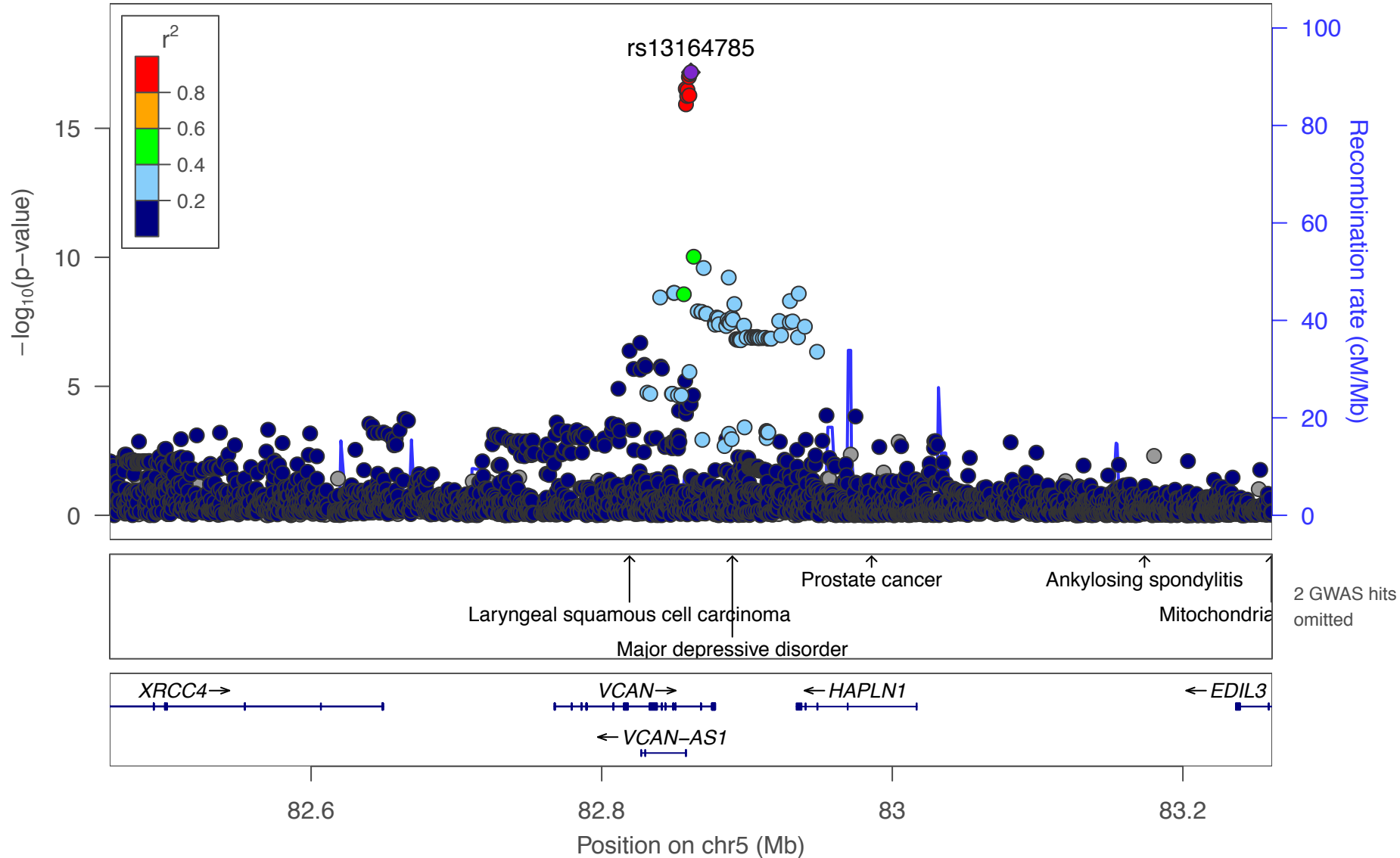
max P.value: 10E–1 [chr5:82557155]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_MD_Uncinate_fasciculus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 6.75E–18 [chr5:82861400]

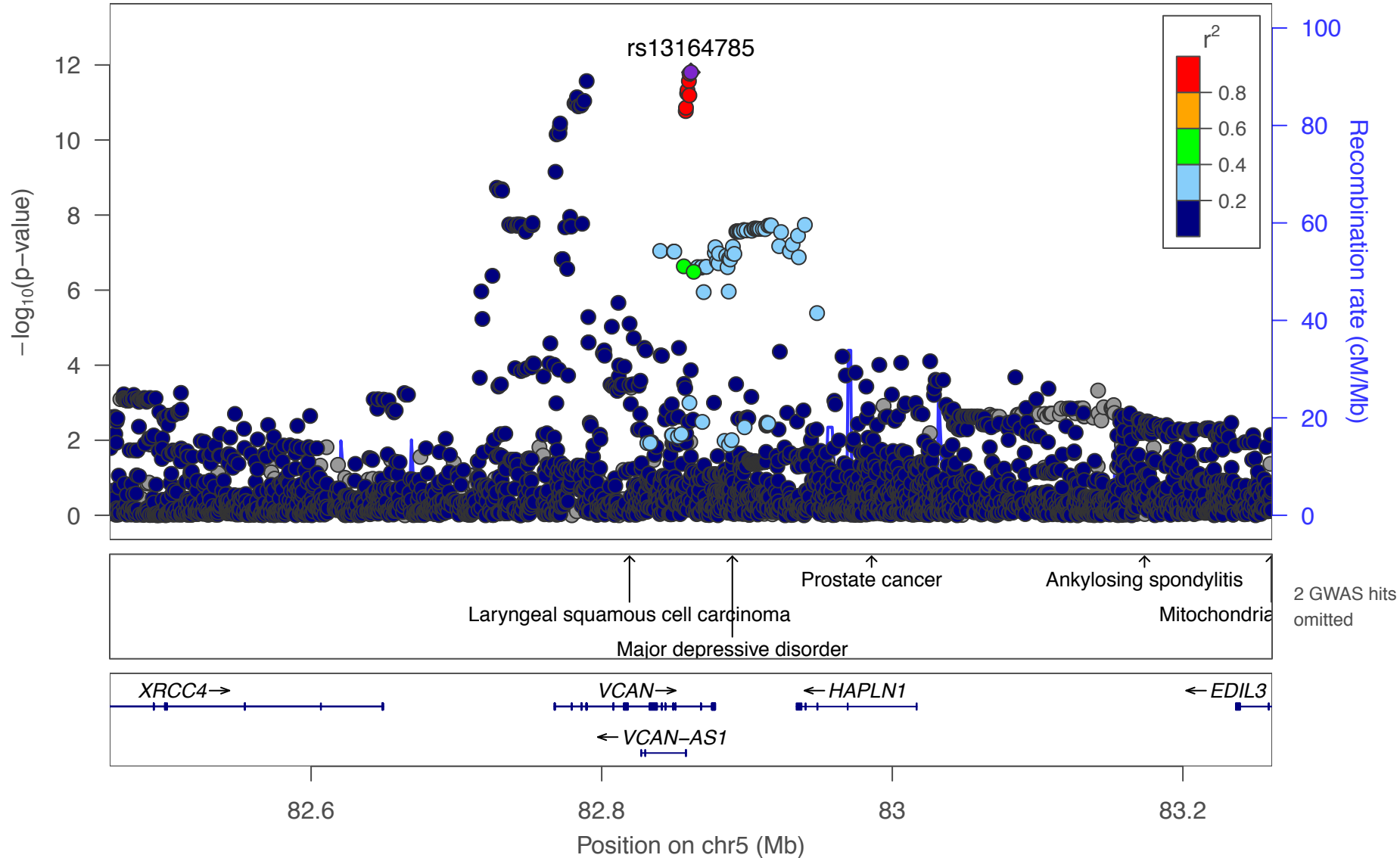
max P.value: 10E–1 [chr5:83191718]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L1_Anterior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.57E–12 [chr5:82861400]

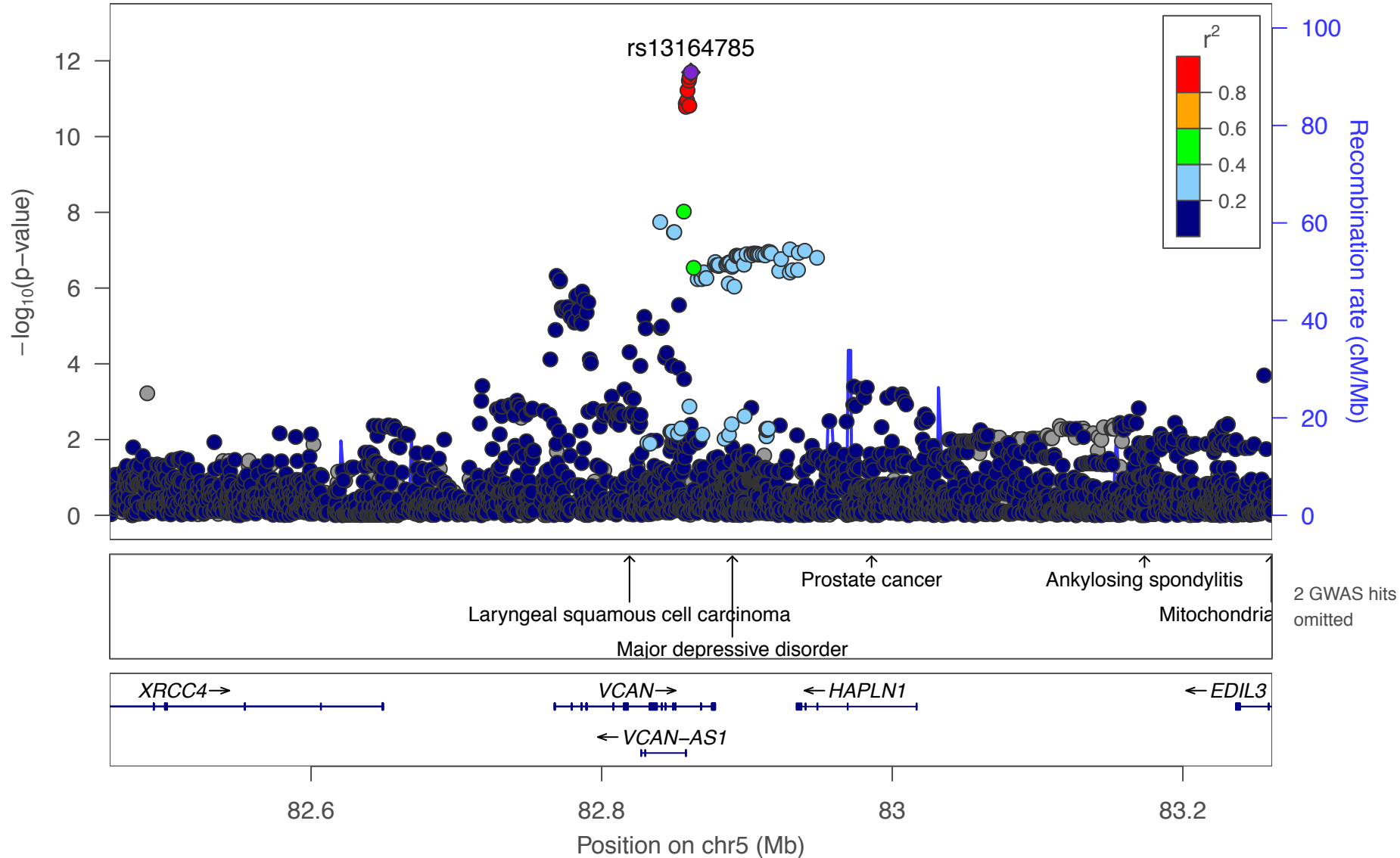
max P.value: 9.99E–1 [chr5:82939273]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L1_Sagittal_stratum_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.01E–12 [chr5:82861400]

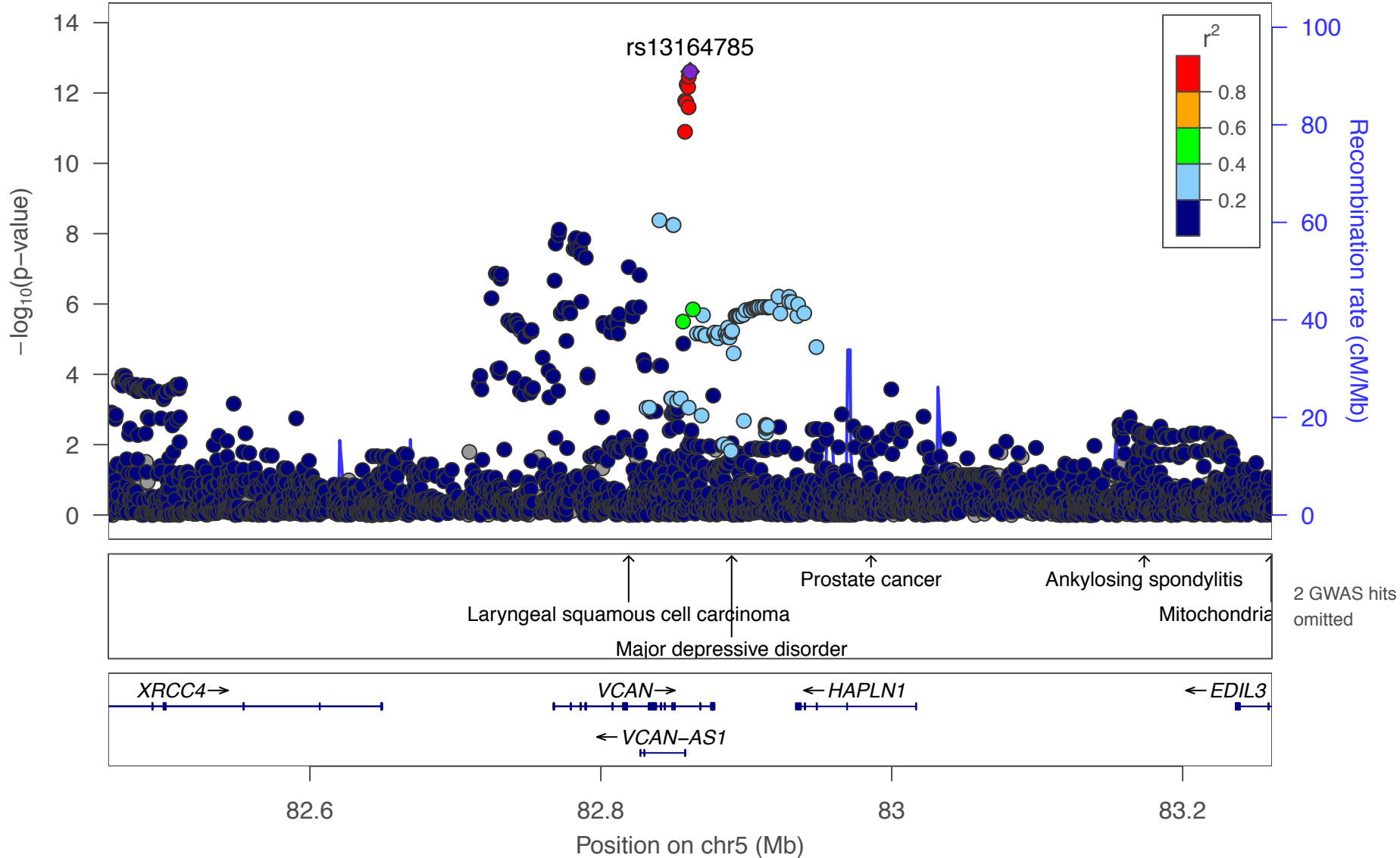
max P.value: 10E–1 [chr5:82659352]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L2_Genu_of_corpus_callosum



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.47E–13 [chr5:82861400]

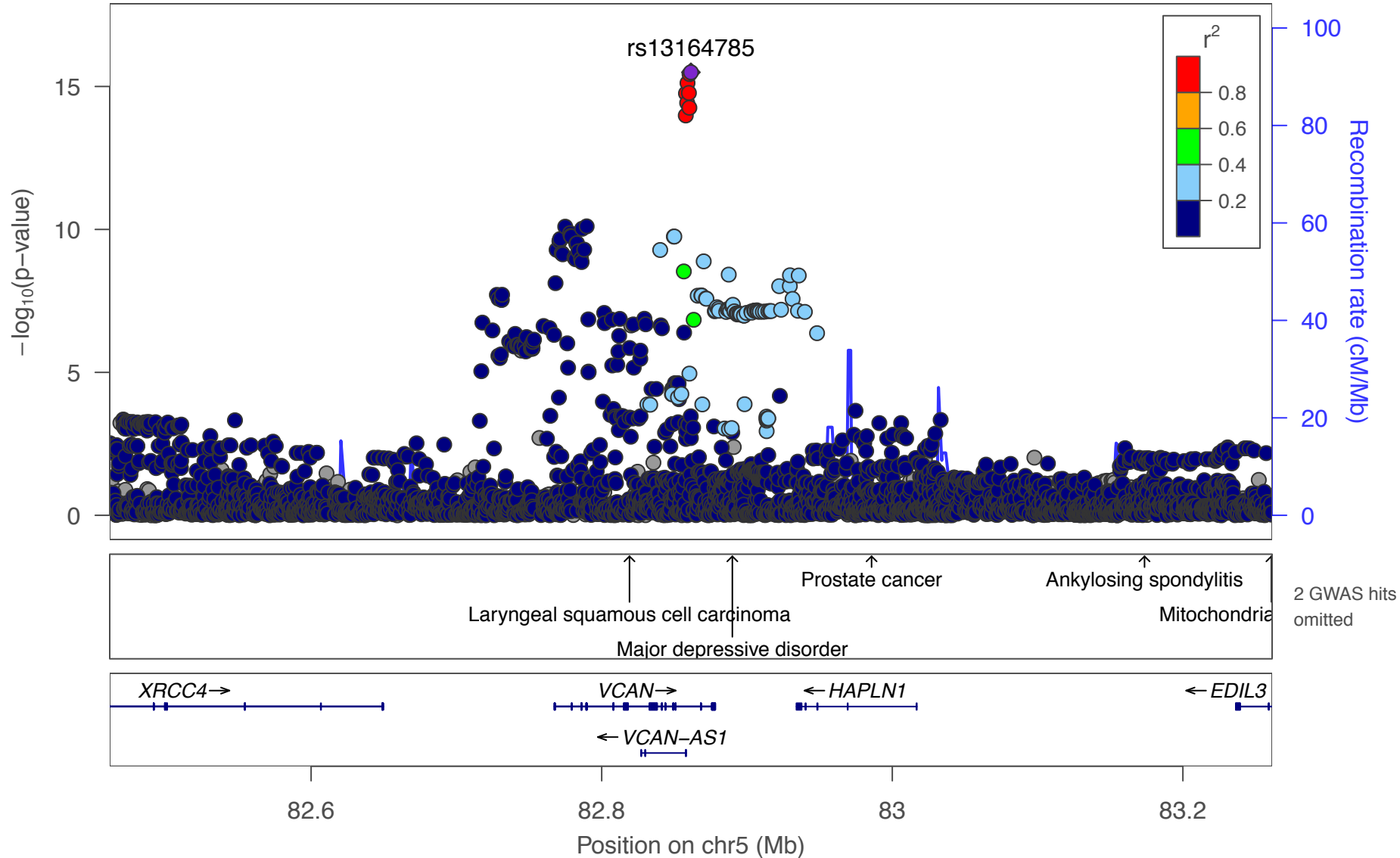
max P.value: 10E–1 [chr5:82642540]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L2_Anterior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.19E–16 [chr5:82861400]

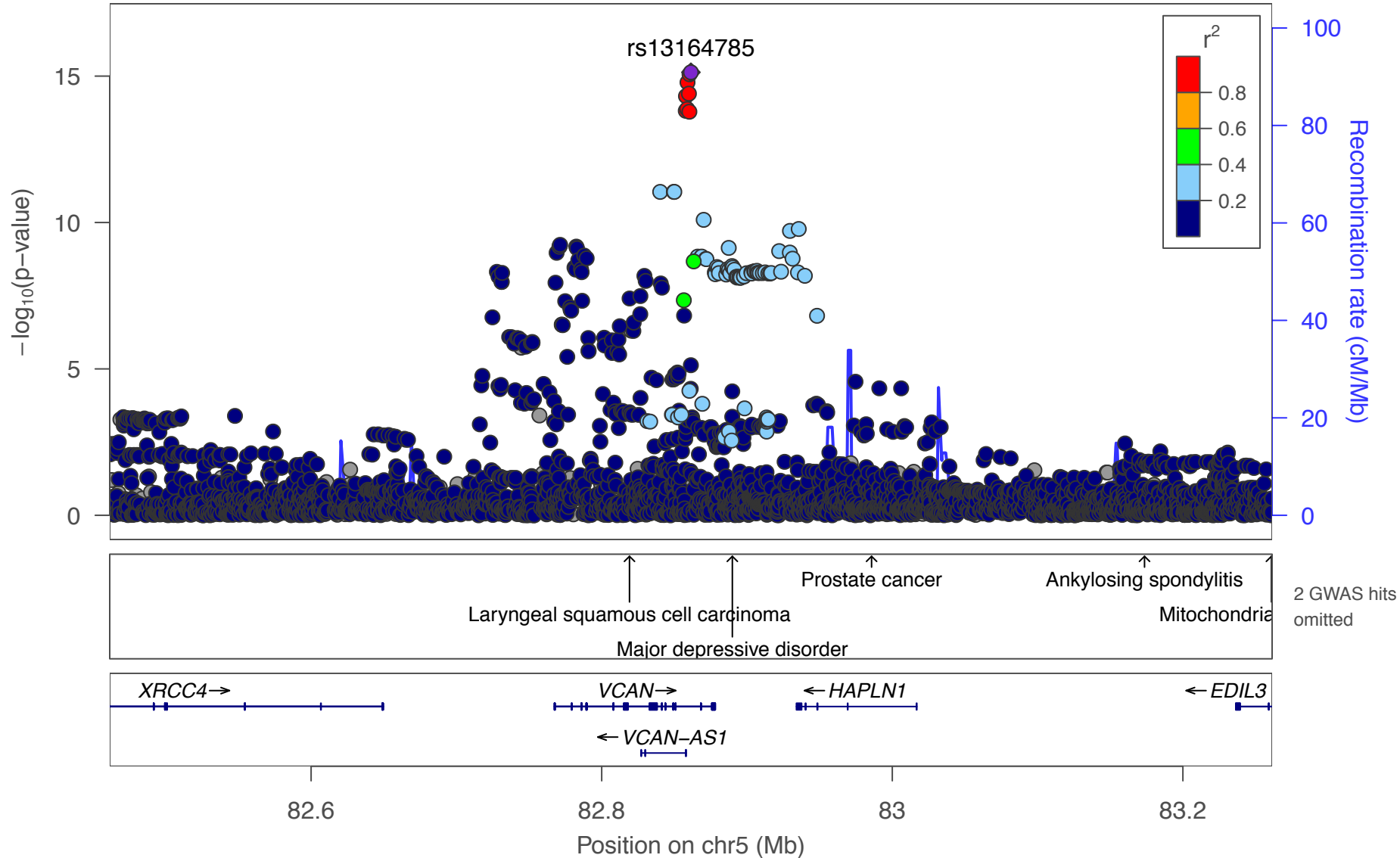
max P.value: 10E–1 [chr5:82492578]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L2_Anterior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 7.41E–16 [chr5:82861400]

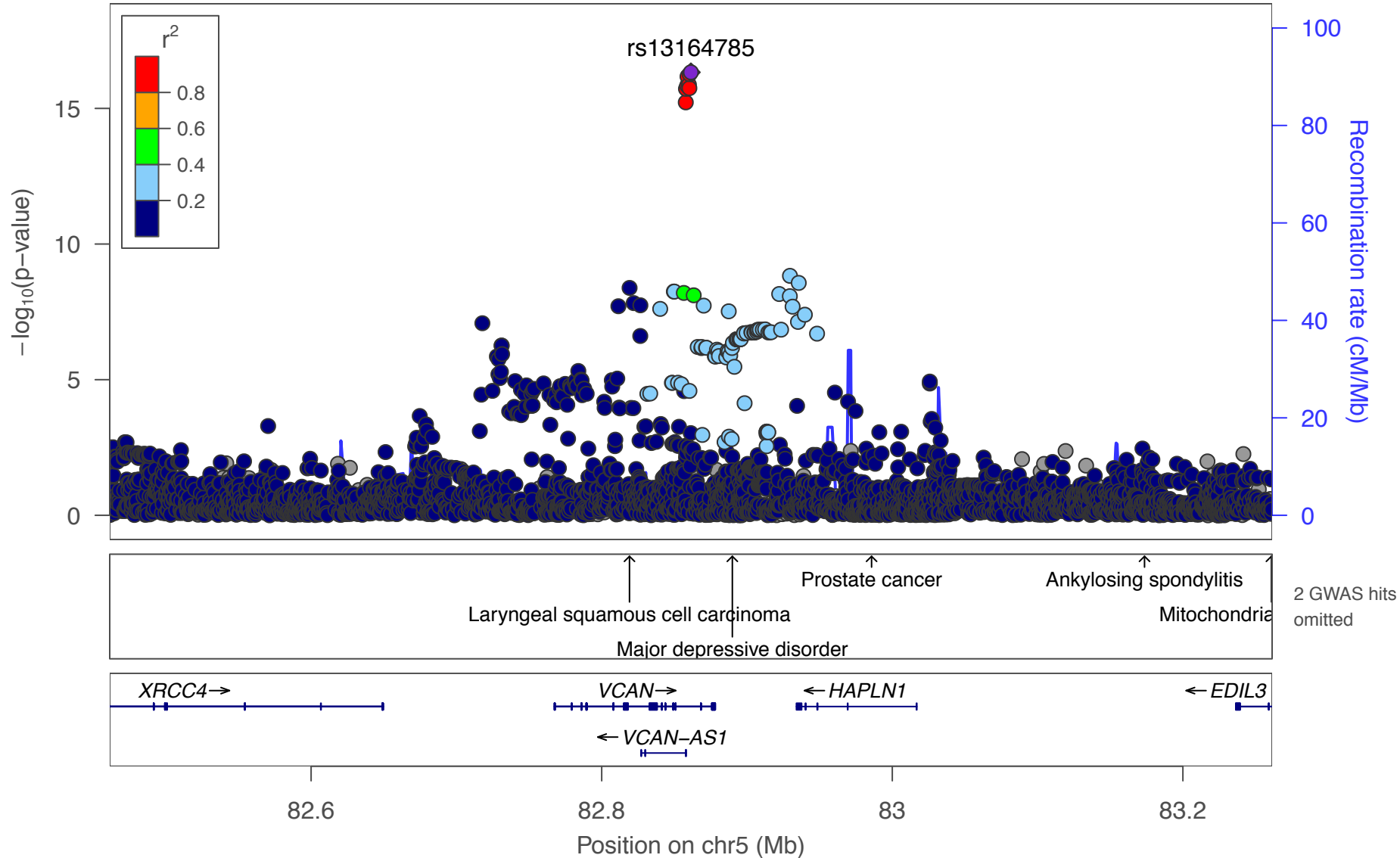
max P.value: 10E–1 [chr5:82847384]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L2_Cingulum_cingulate_gyrus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.67E–17 [chr5:82861400]

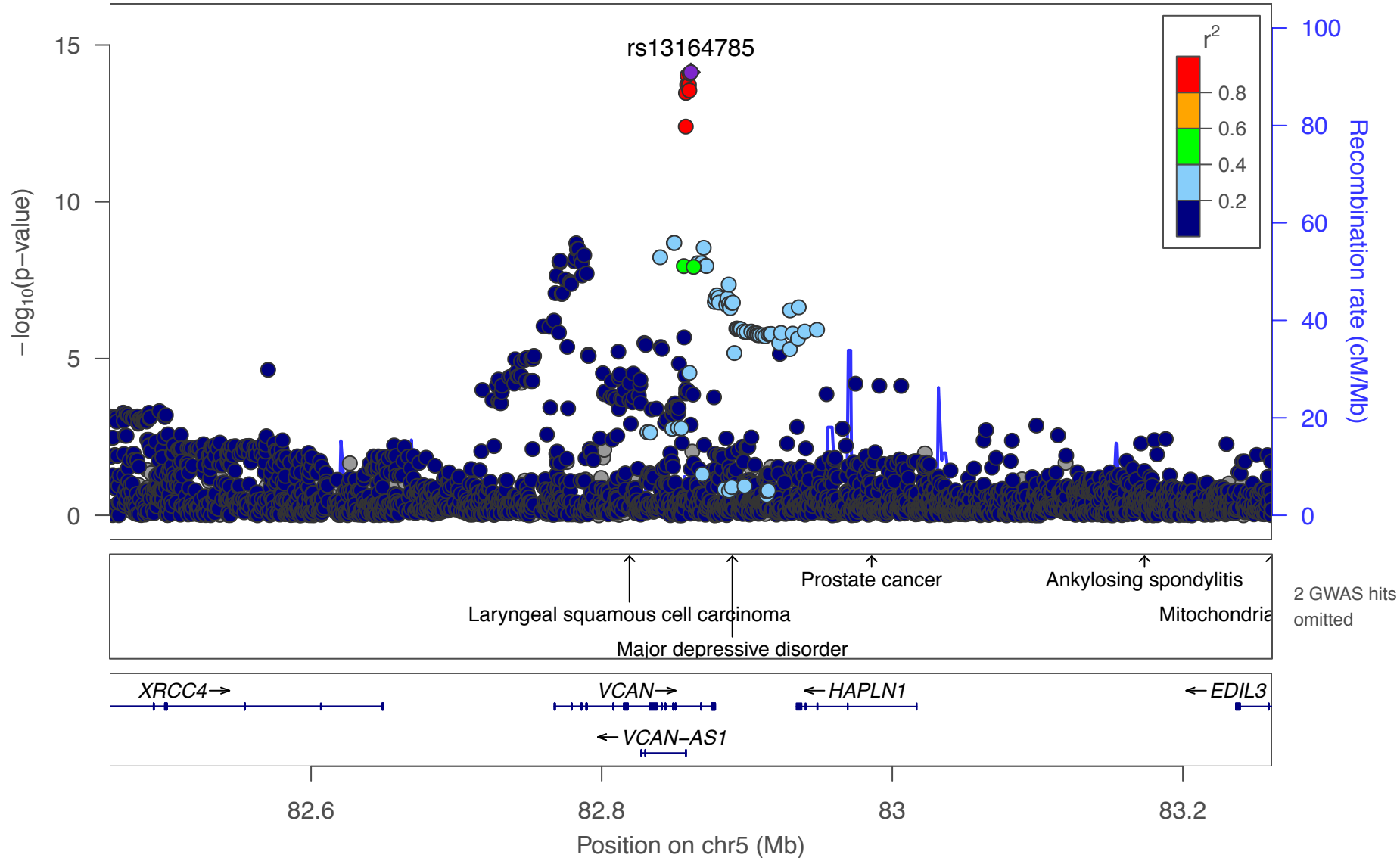
max P.value: 9.99E–1 [chr5:83217296]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L2_Cingulum_hippocampus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 7.41E–15 [chr5:82861400]

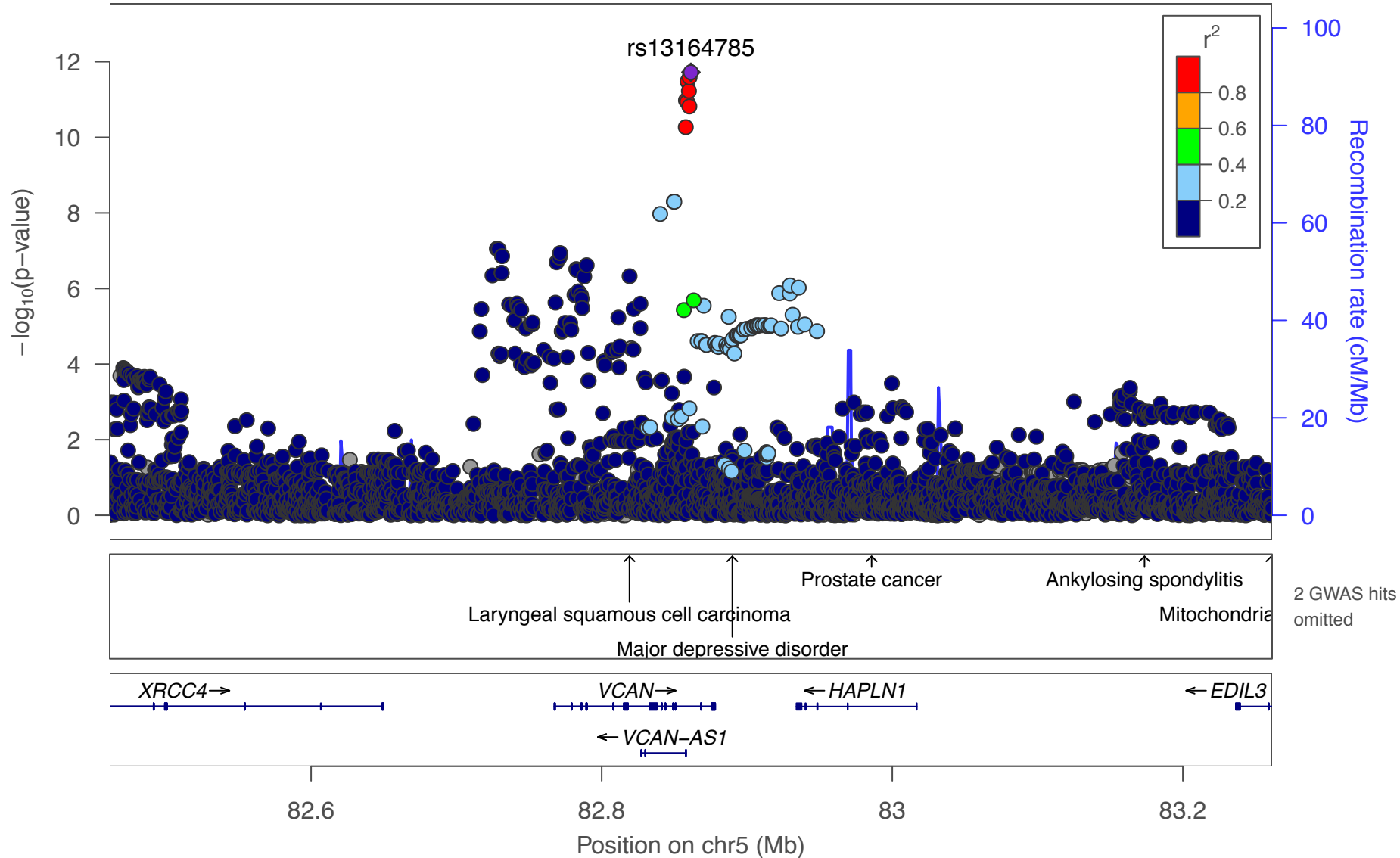
max P.value: 10E–1 [chr5:83099074]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Genu_of_corpus_callosum



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.91E–12 [chr5:82861400]

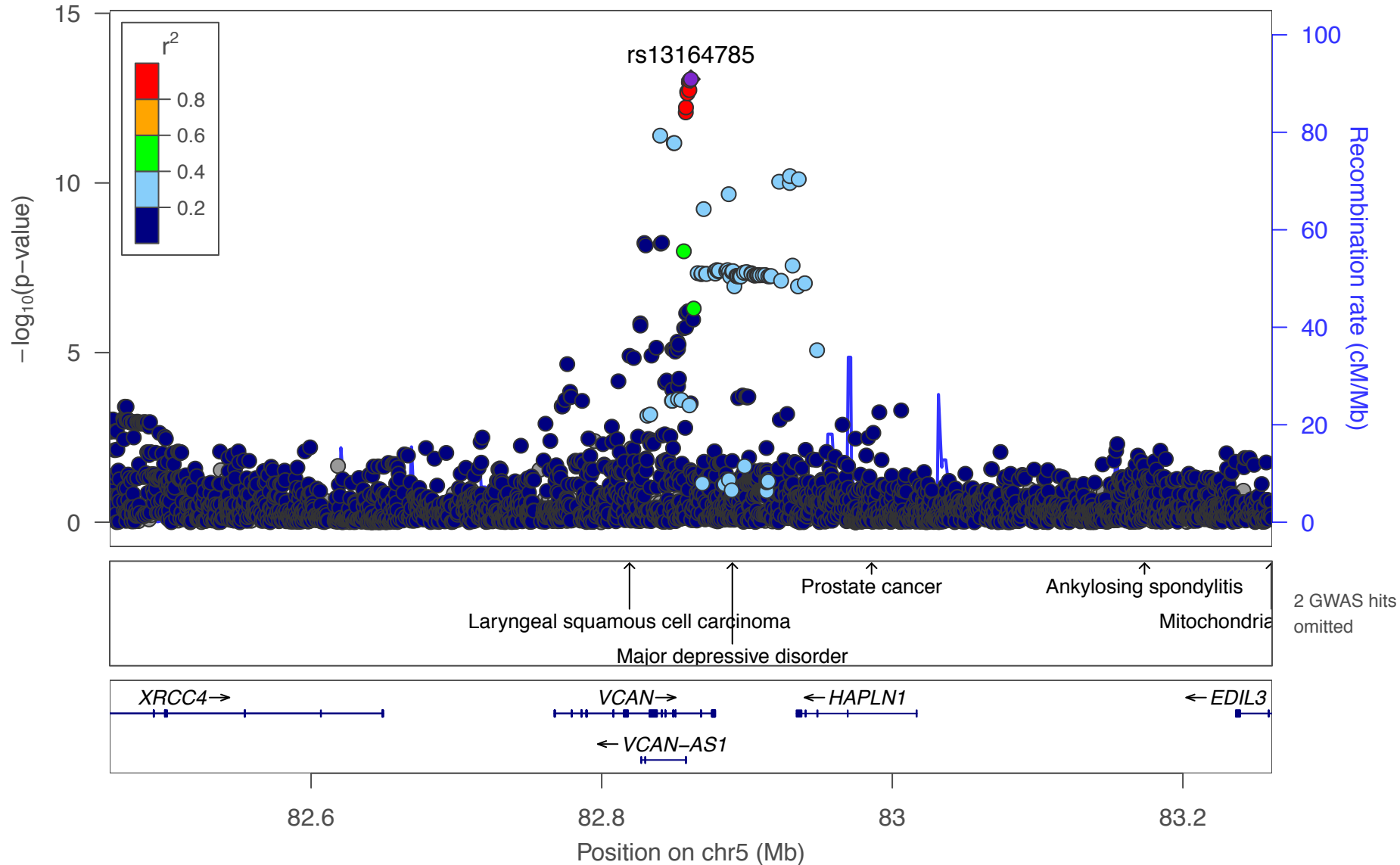
max P.value: 9.99E–1 [chr5:82588995]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Inferior_cerebellar_peduncle_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 8.71E–14 [chr5:82861400]

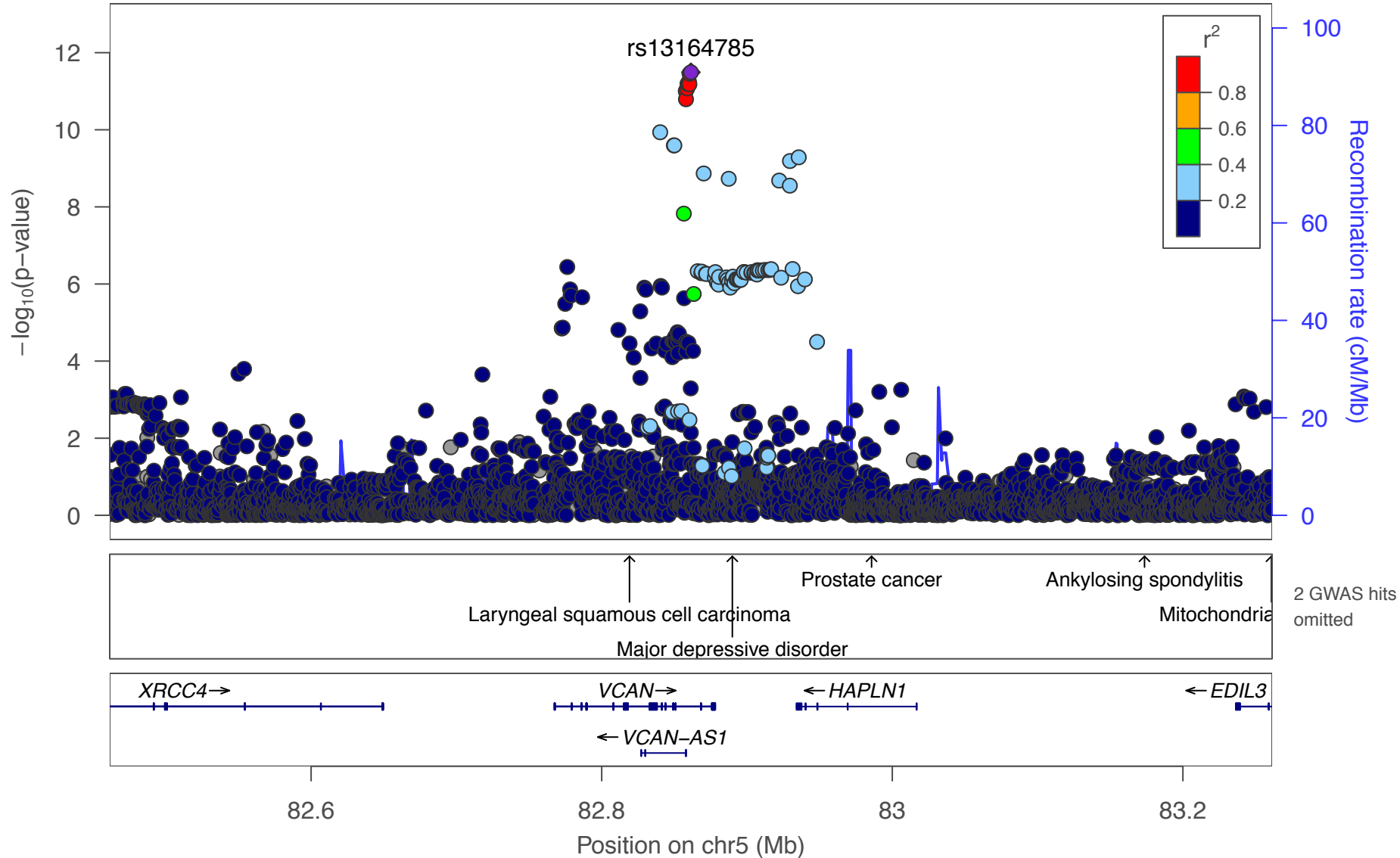
max P.value: 10E–1 [chr5:82516916]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Inferior_cerebellar_peduncle_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.23E–12 [chr5:82861400]

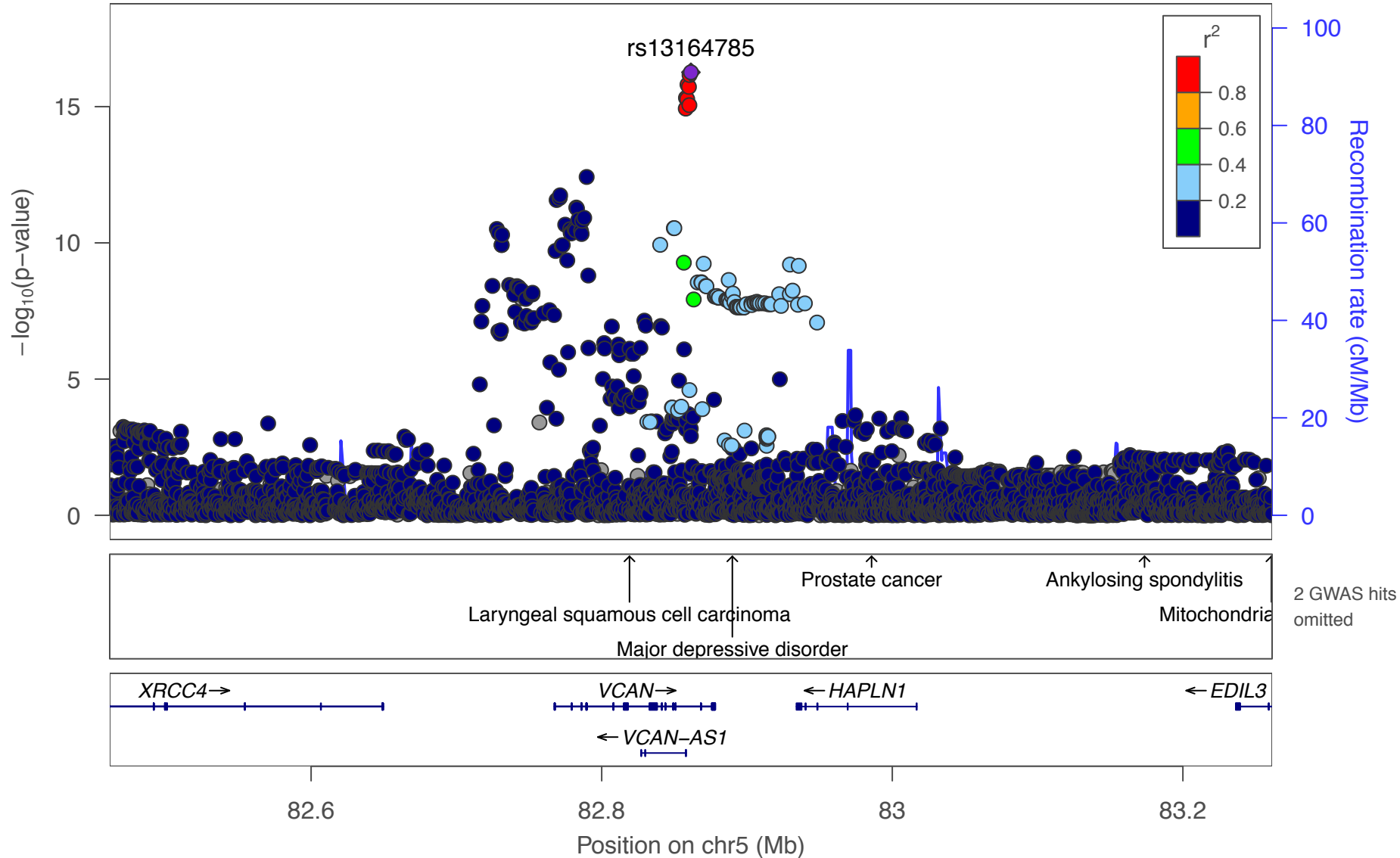
max P.value: 10E–1 [chr5:83215237]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Anterior_corona_radiata_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 5.5E–17 [chr5:82861400]

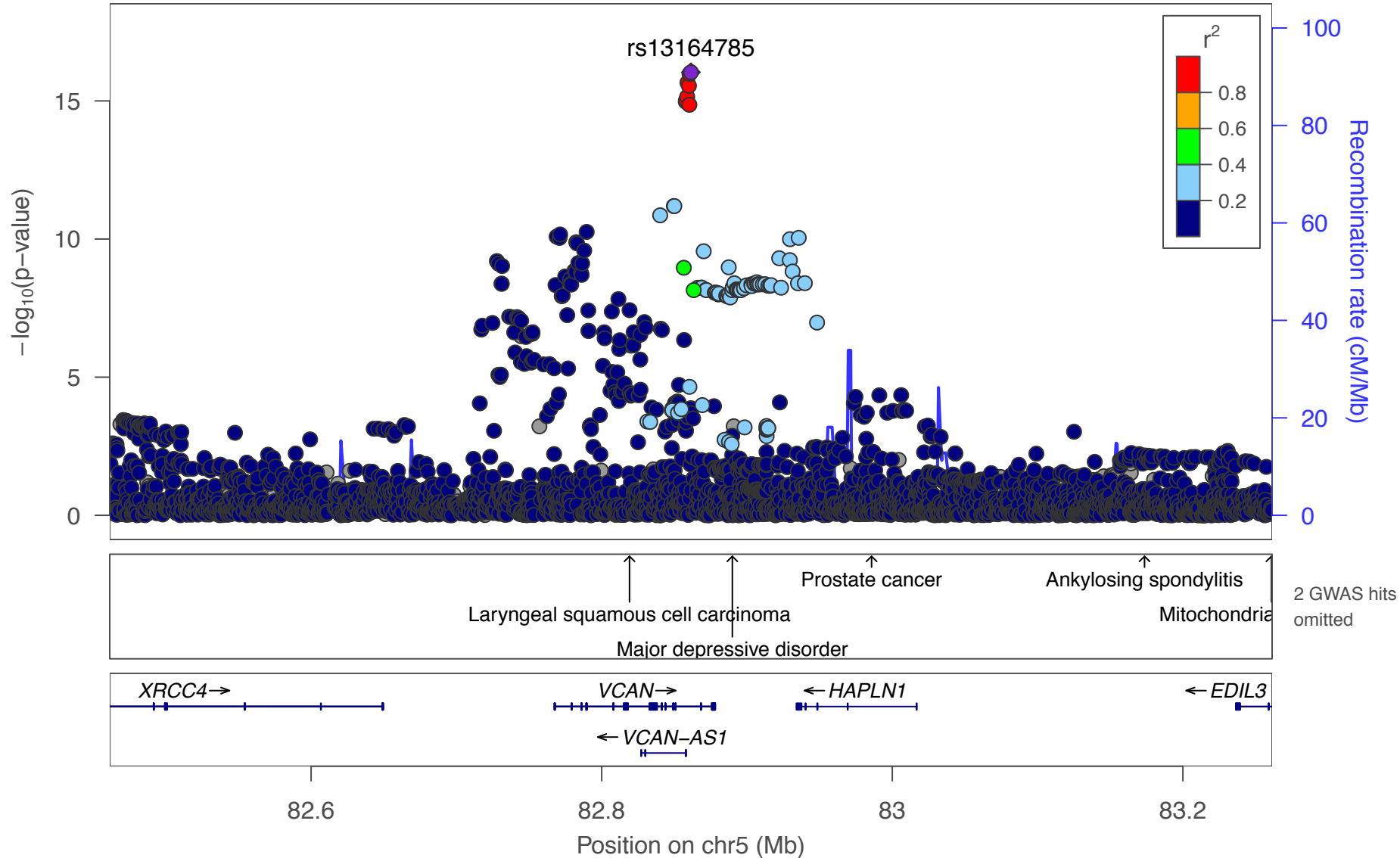
max P.value: 10E–1 [chr5:82723169]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Anterior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 9.23E–17 [chr5:82861400]

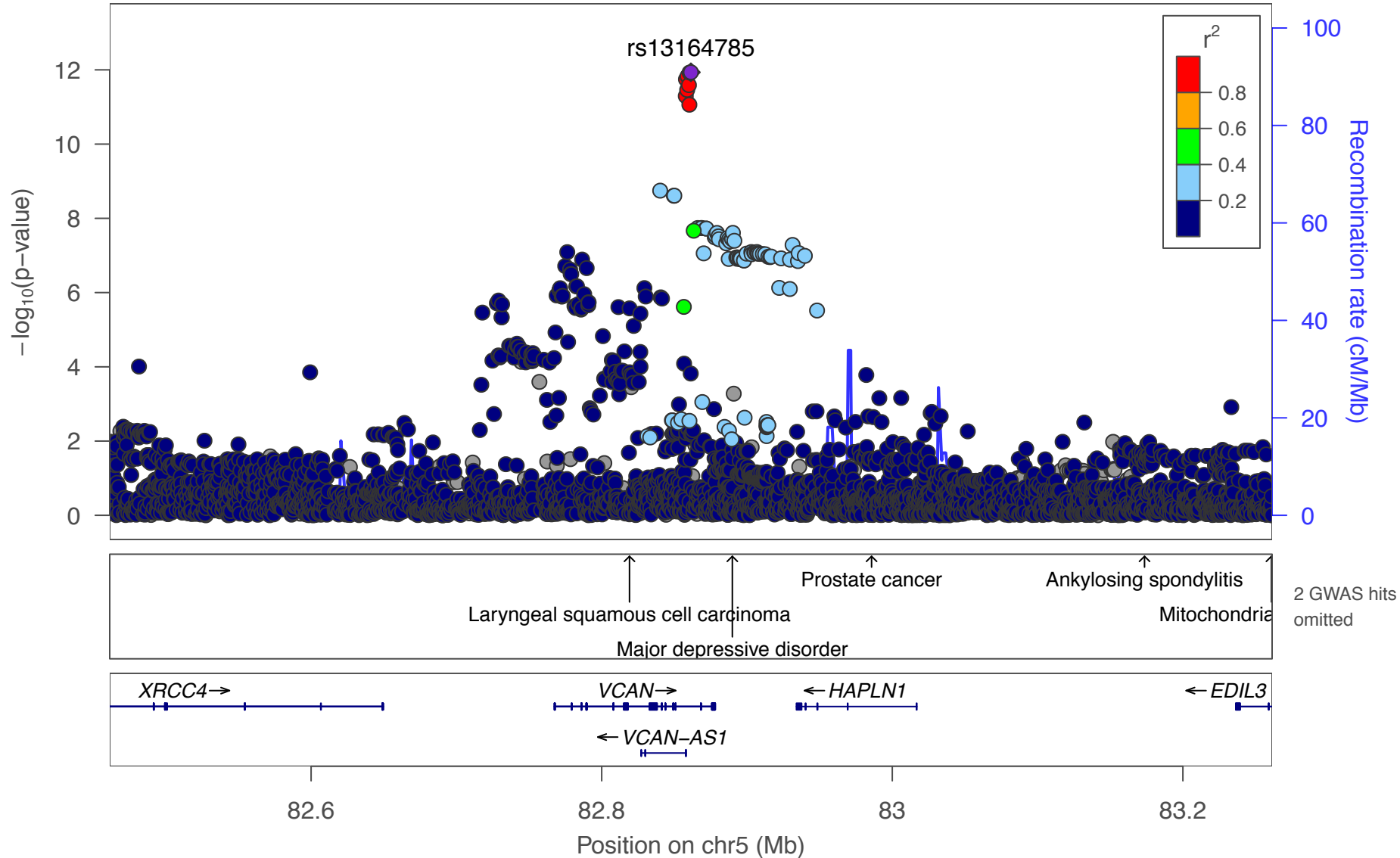
max P.value: 10E–1 [chr5:83097554]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Superior_corona_radiata_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.16E–12 [chr5:82861400]

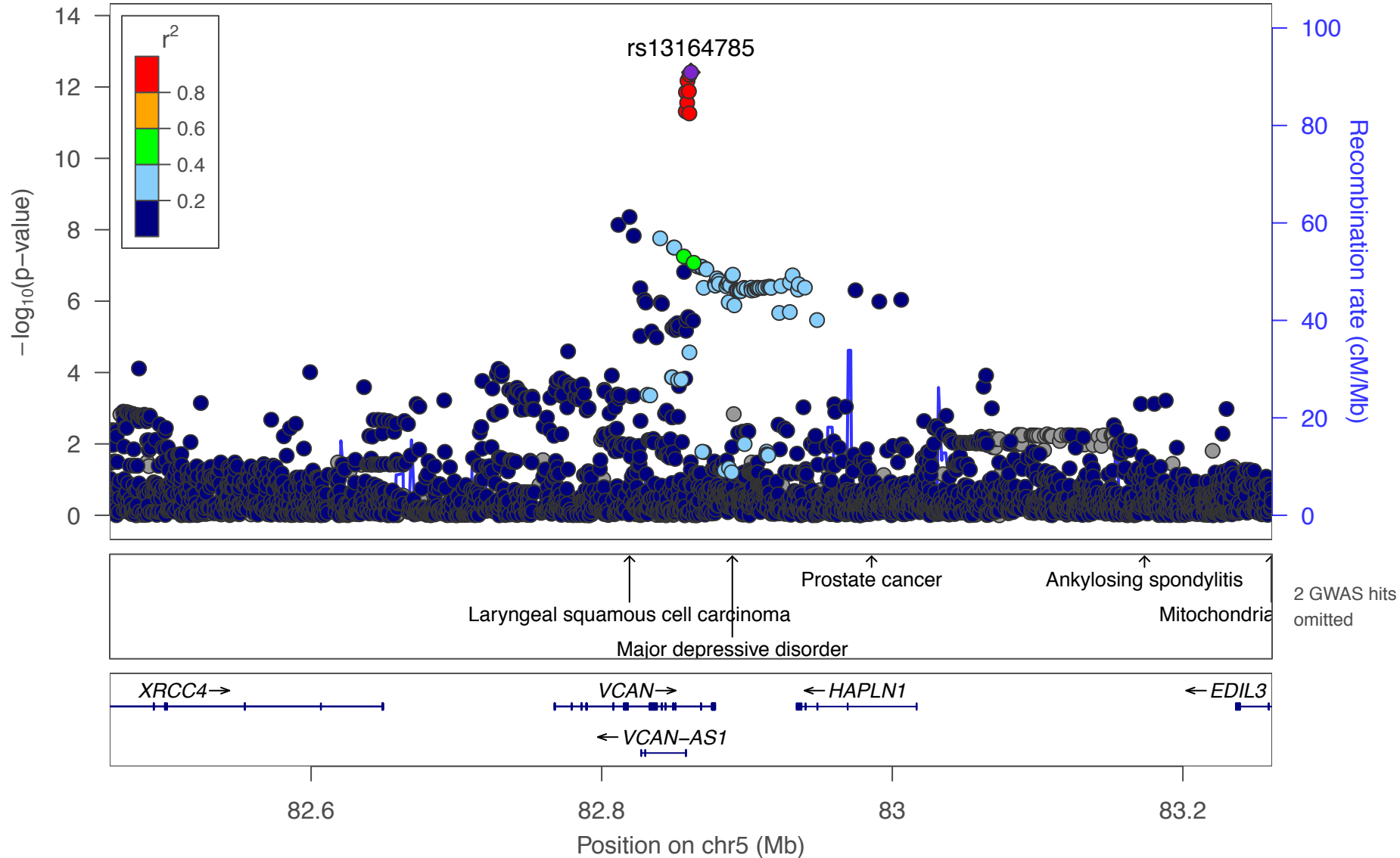
max P.value: 10E–1 [chr5:82966675]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_External_capsule_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.88E–13 [chr5:82861400]

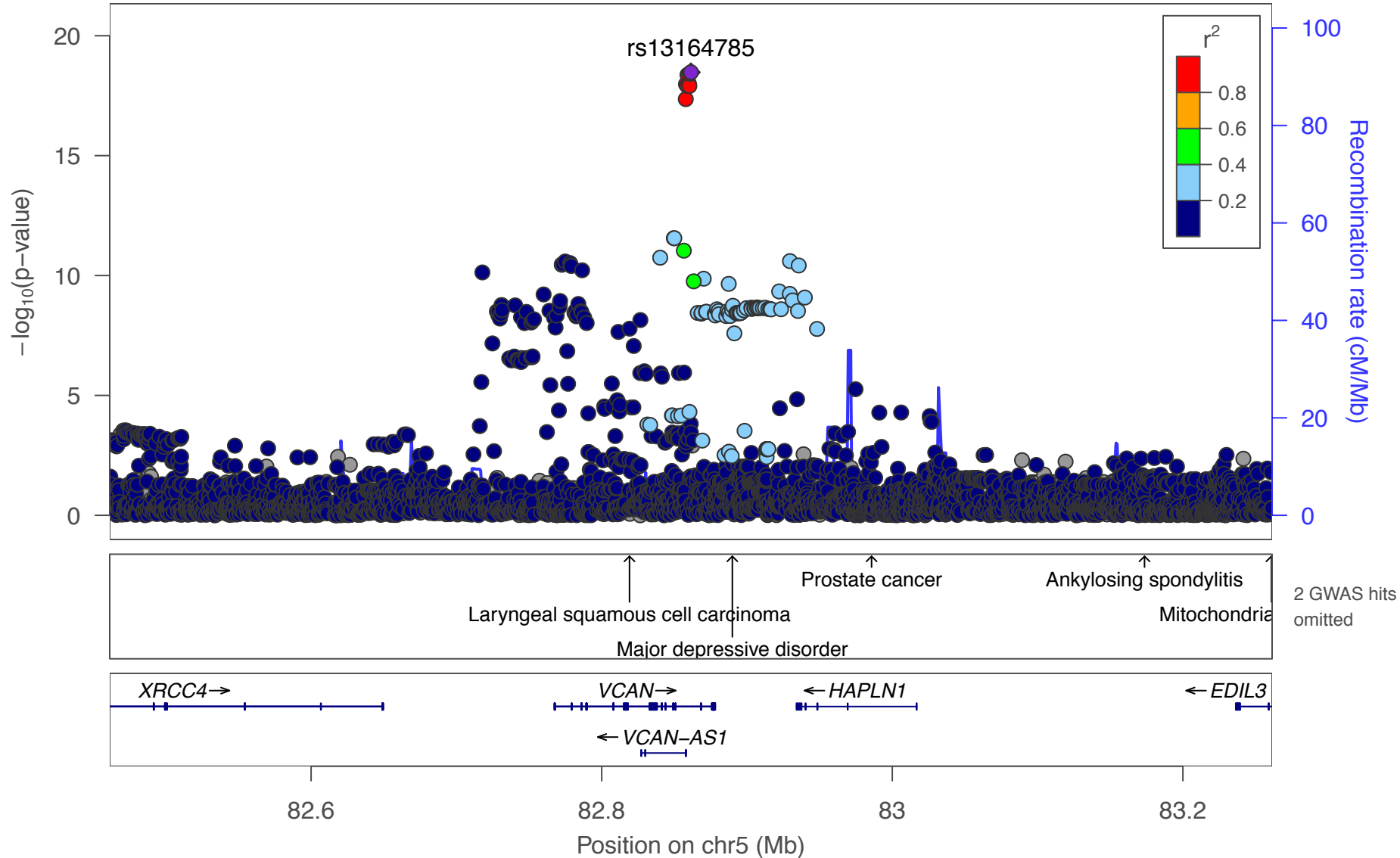
max P.value: 9.99E–1 [chr5:82864957]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Cingulum_cingulate_gyrus_R



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.35E–19 [chr5:82861400]

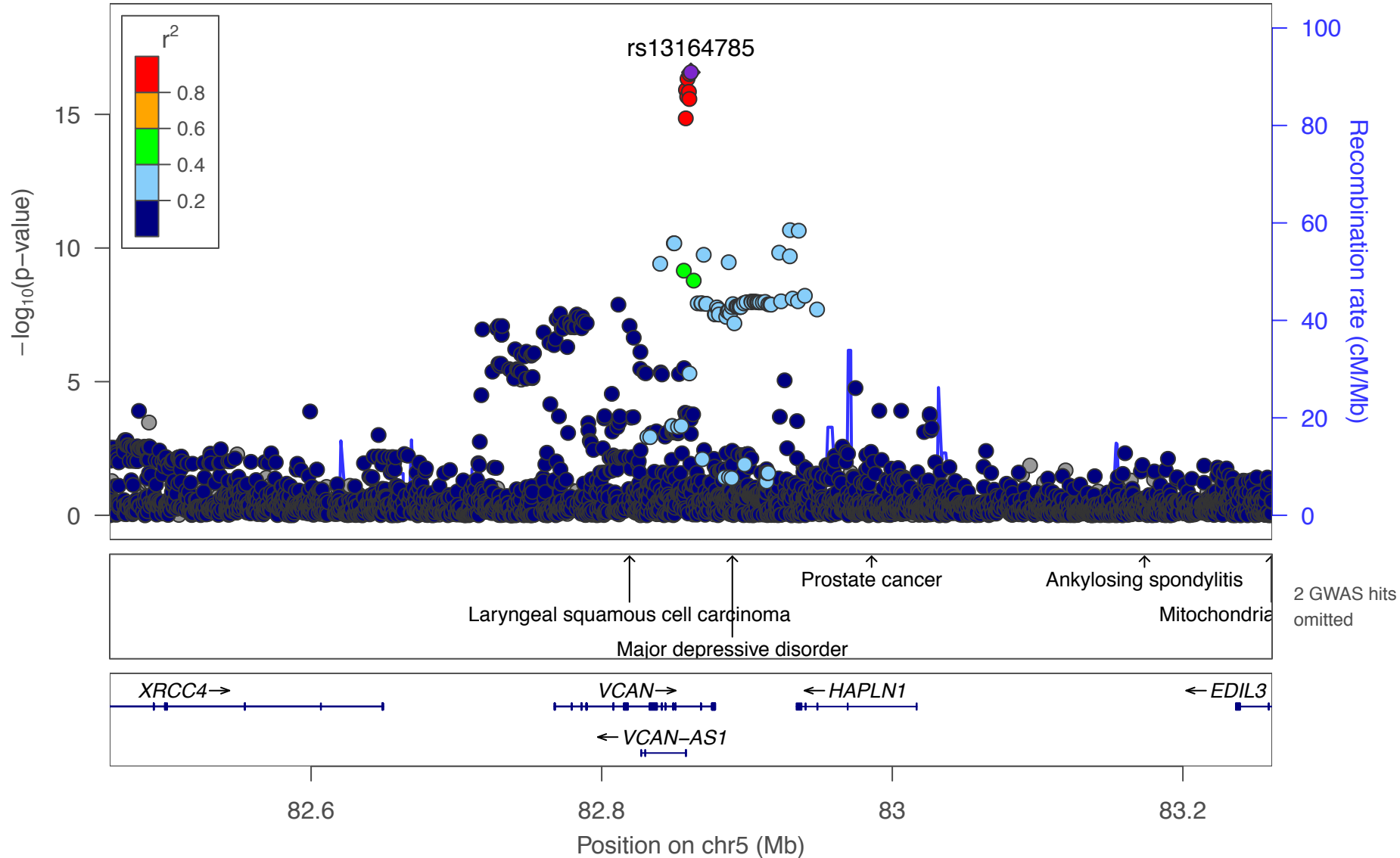
max P.value: 9.99E–1 [chr5:83229426]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Cingulum_cingulate_gyrus_L



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.67E–17 [chr5:82861400]

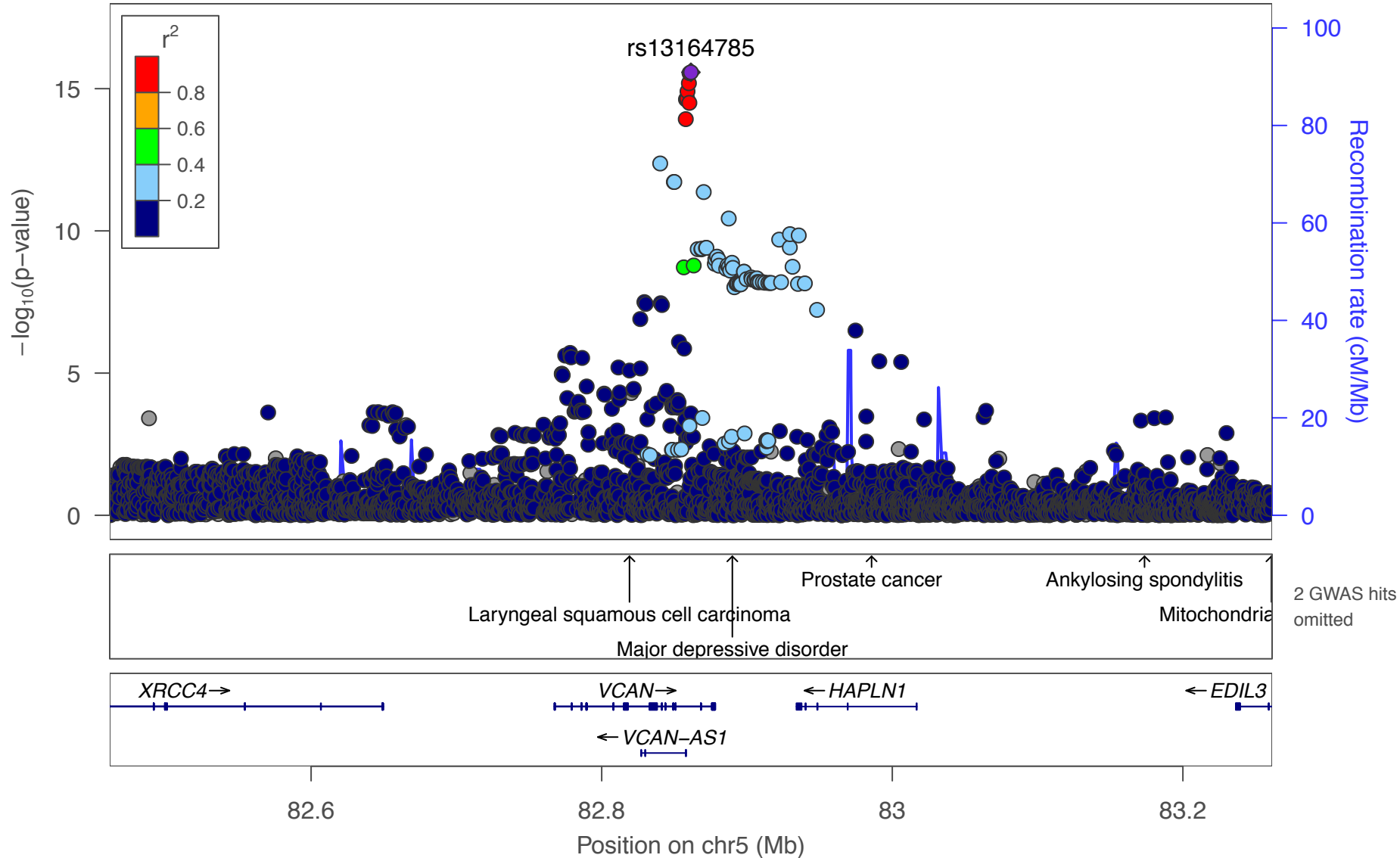
max P.value: 10E–1 [chr5:82485682]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Cingulum_hippocampus_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.66E–16 [chr5:82861400]

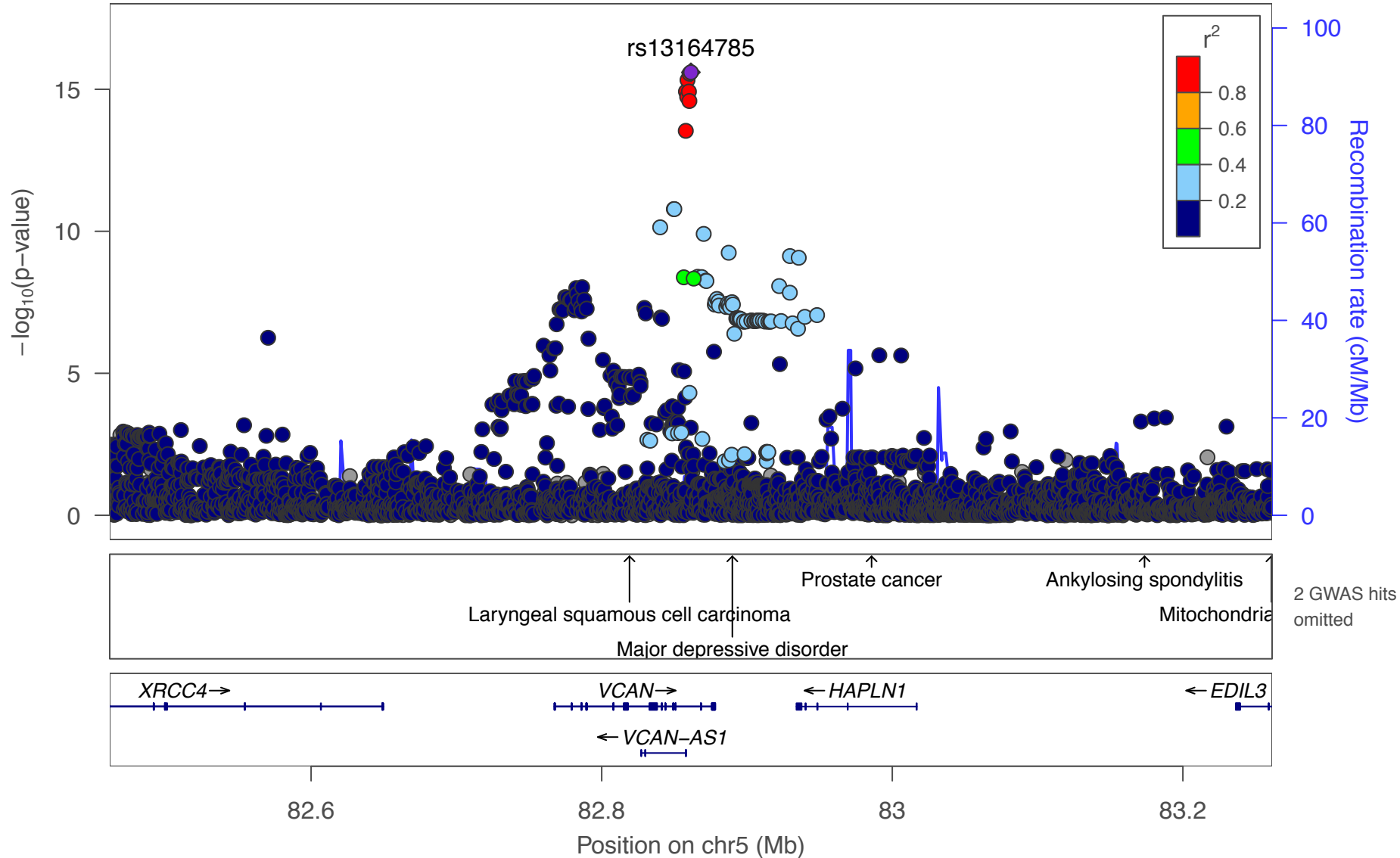
max P.value: 9.99E–1 [chr5:82597893]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Cingulum_hippocampus_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.52E–16 [chr5:82861400]

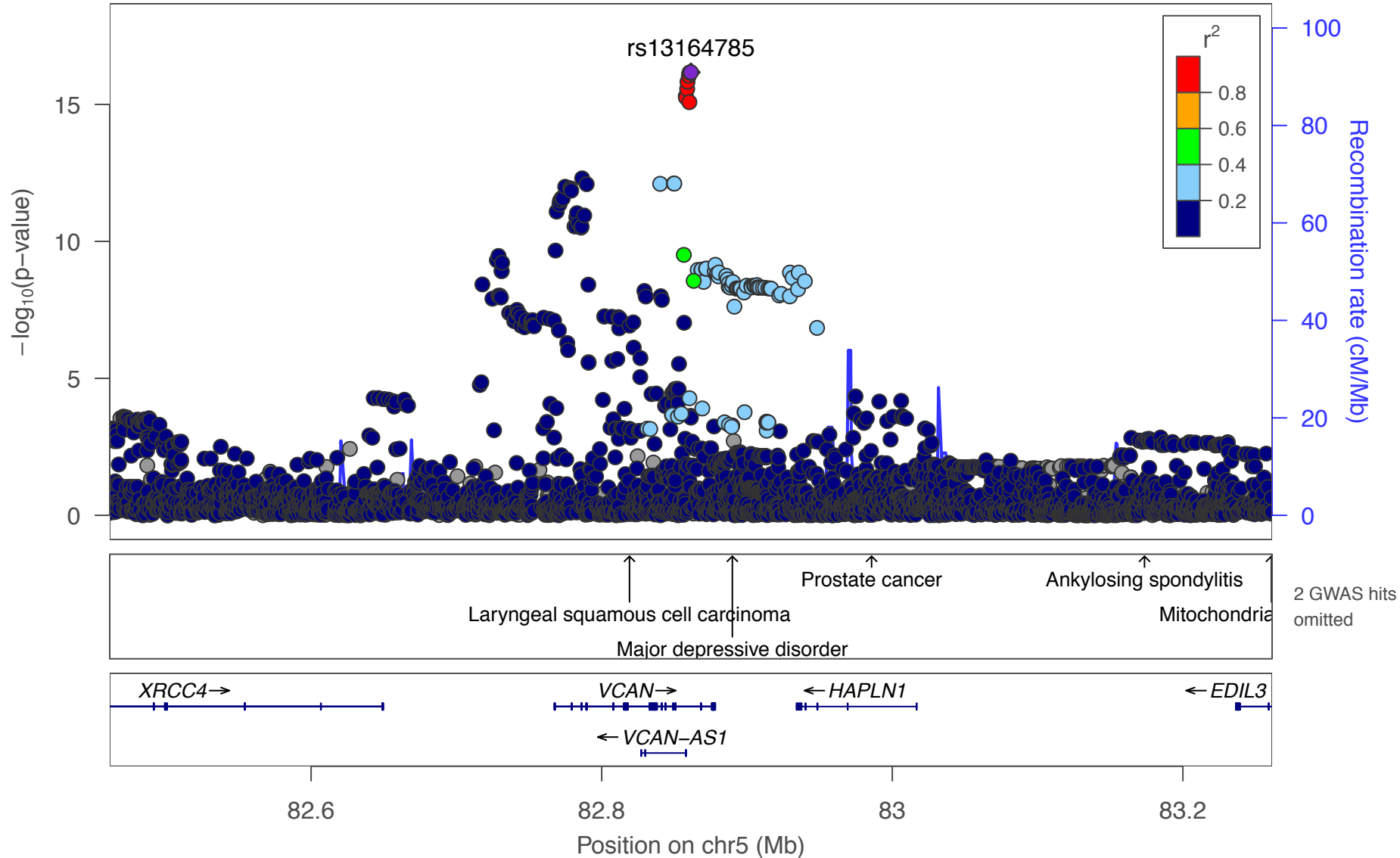
max P.value: 10E–1 [chr5:82779454]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_L3_Superior_longitudinal_fasciculus_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 6.71E–17 [chr5:82861400]

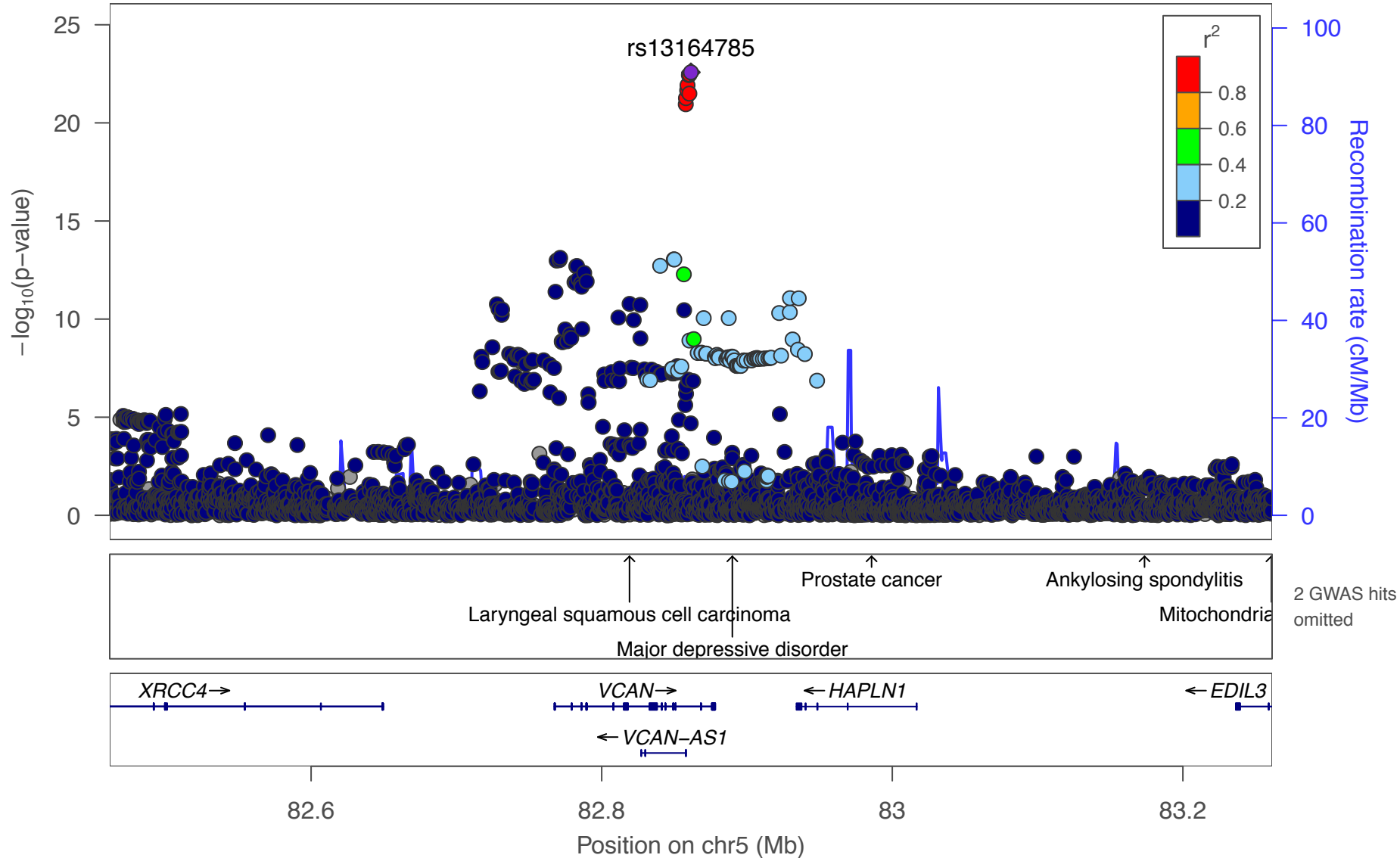
max P.value: 10E–1 [chr5:82959109]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Genu_of_corpus_callosum



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.64E–23 [chr5:82861400]

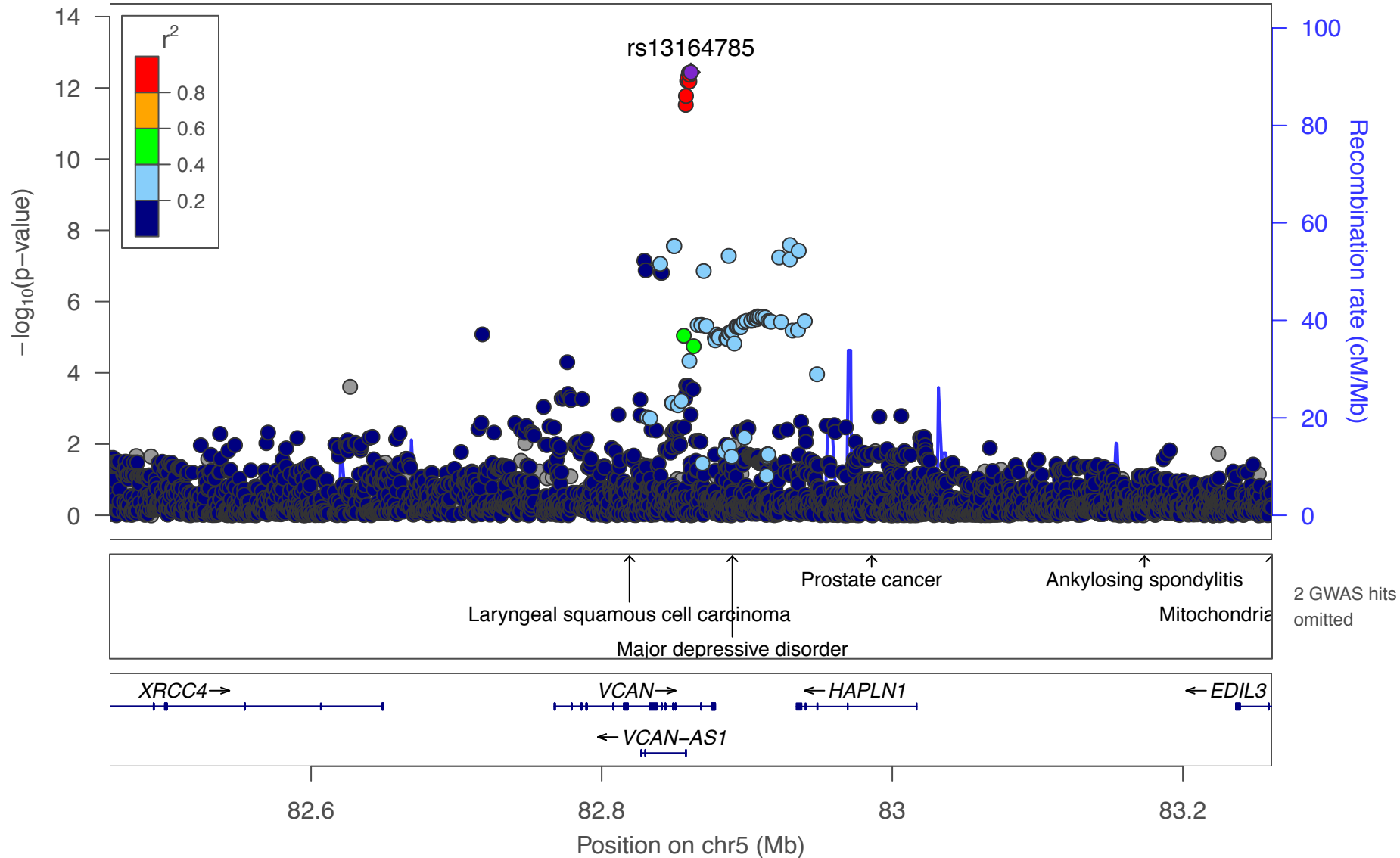
max P.value: 9.99E–1 [chr5:83009083]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Superior_cerebellar_peduncle_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.66E–13 [chr5:82861400]

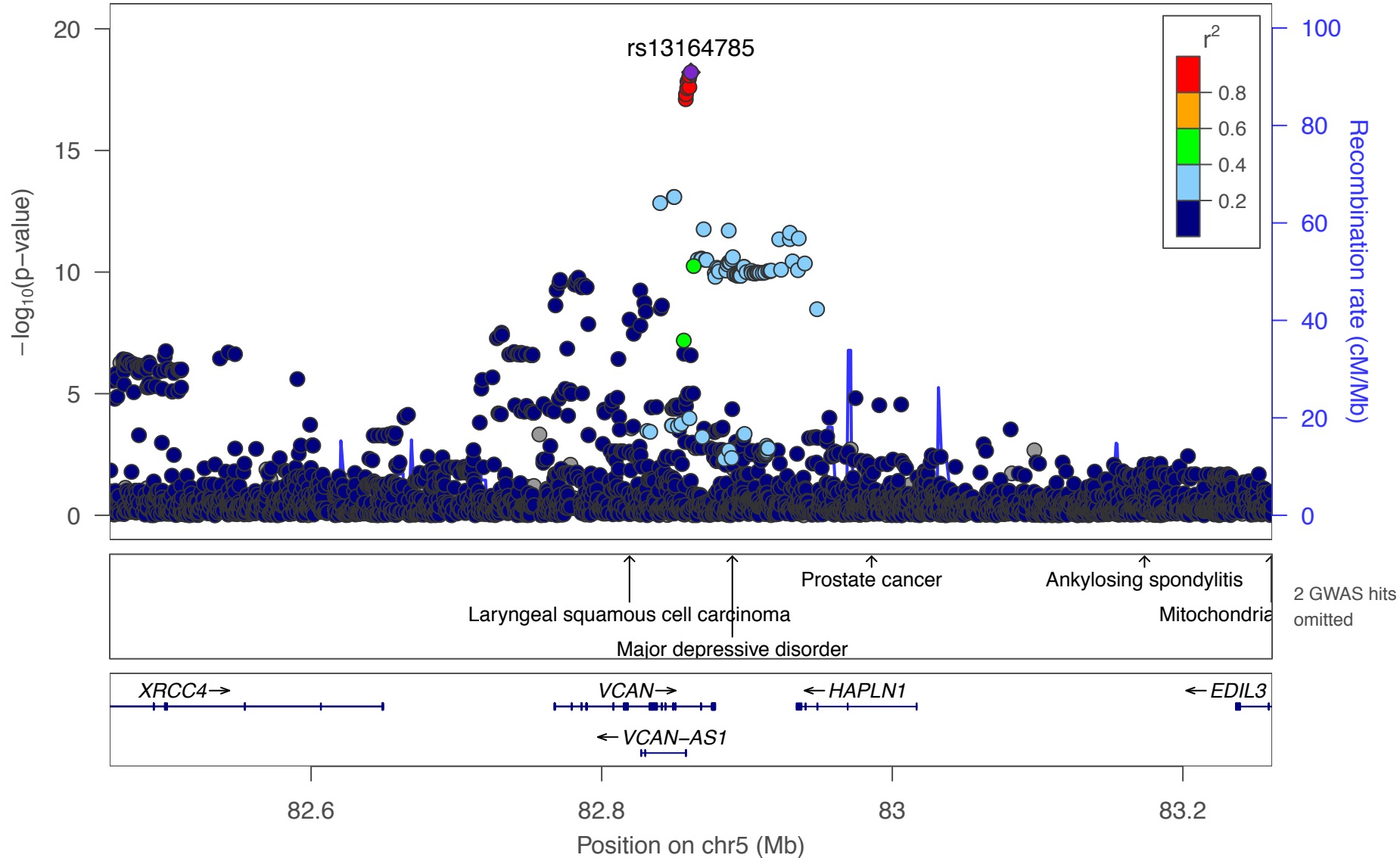
max P.value: 9.99E–1 [chr5:82489975]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Anterior_limb_of_internal_capsule_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 6.12E–19 [chr5:82861400]

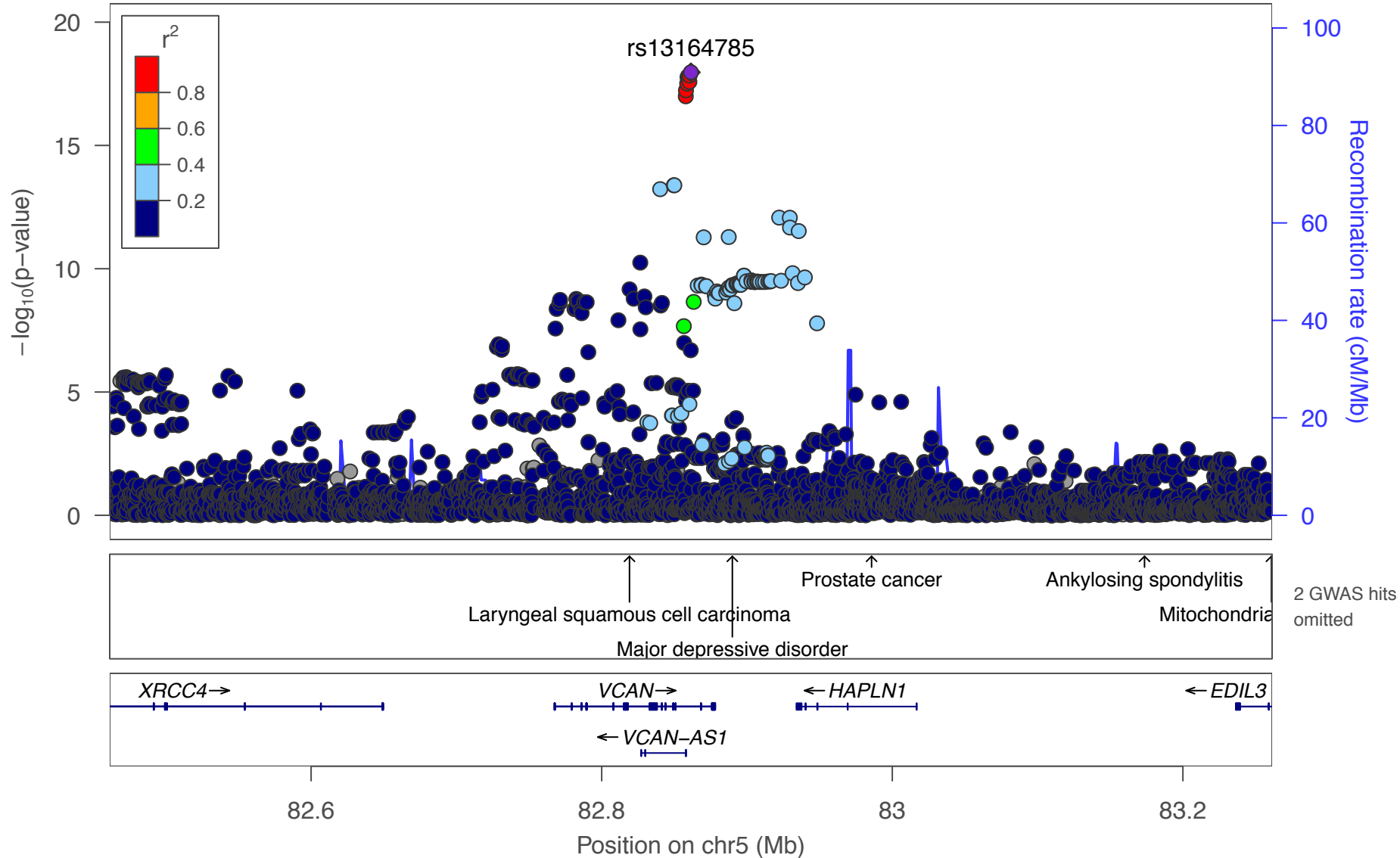
max P.value: 10E–1 [chr5:83037028]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Anterior_limb_of_internal_capsule_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.08E–18 [chr5:82861400]

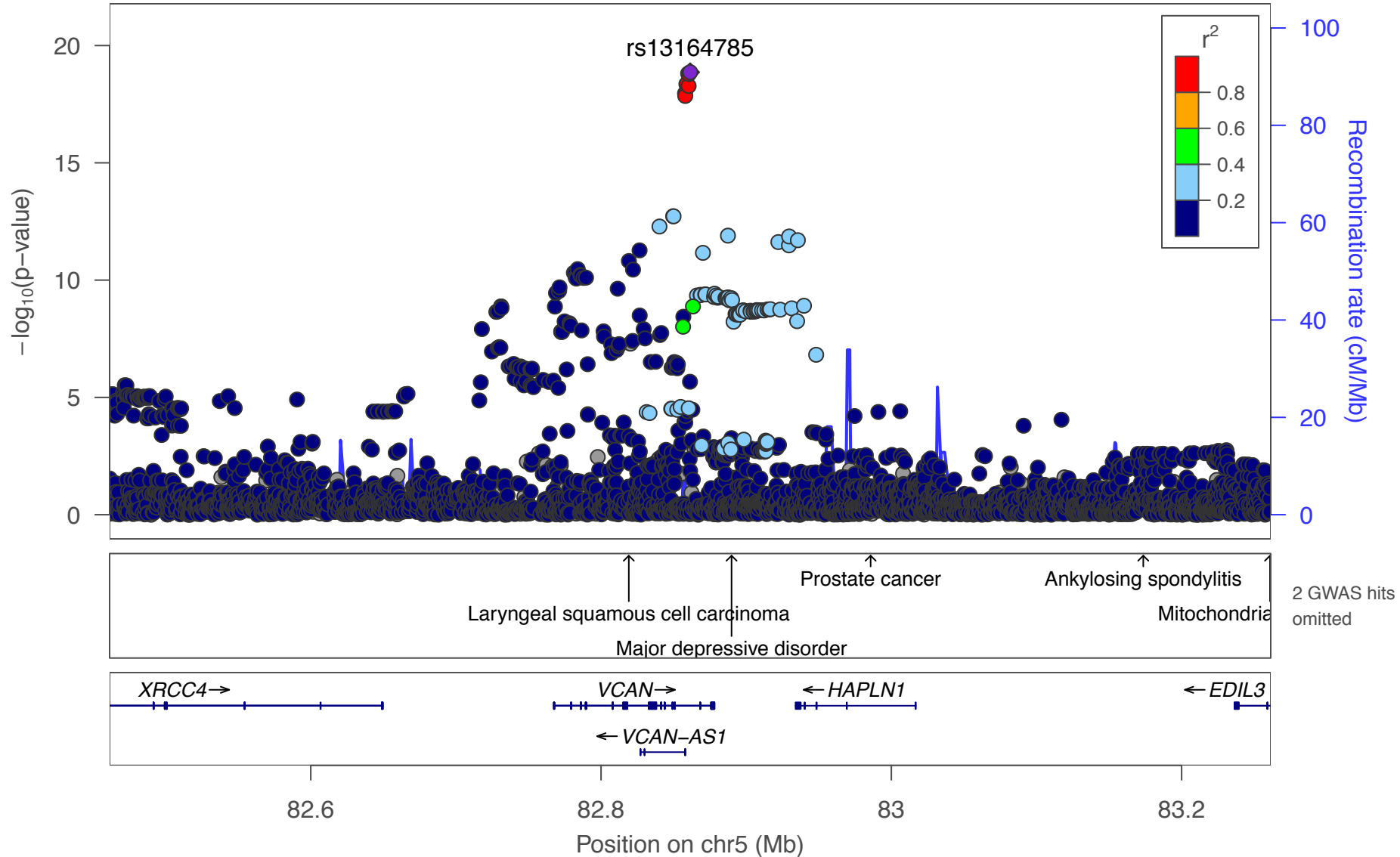
max P.value: 9.99E–1 [chr5:83129334]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Posterior_limb_of_internal_capsule_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.37E–19 [chr5:82861400]

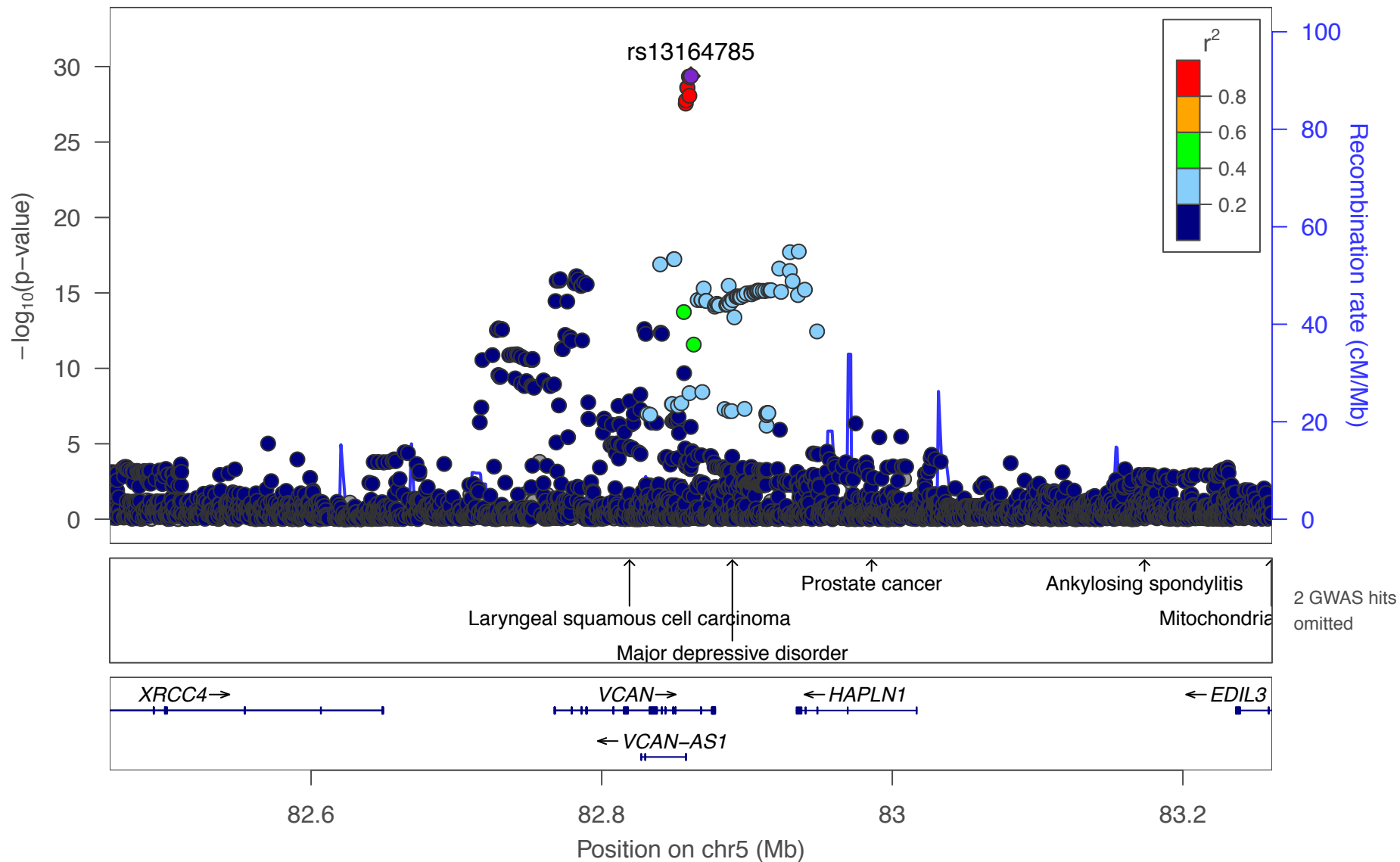
max P.value: 10E–1 [chr5:83098673]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Retrolenticular_part_of_internal_capsule_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.26E–30 [chr5:82861400]

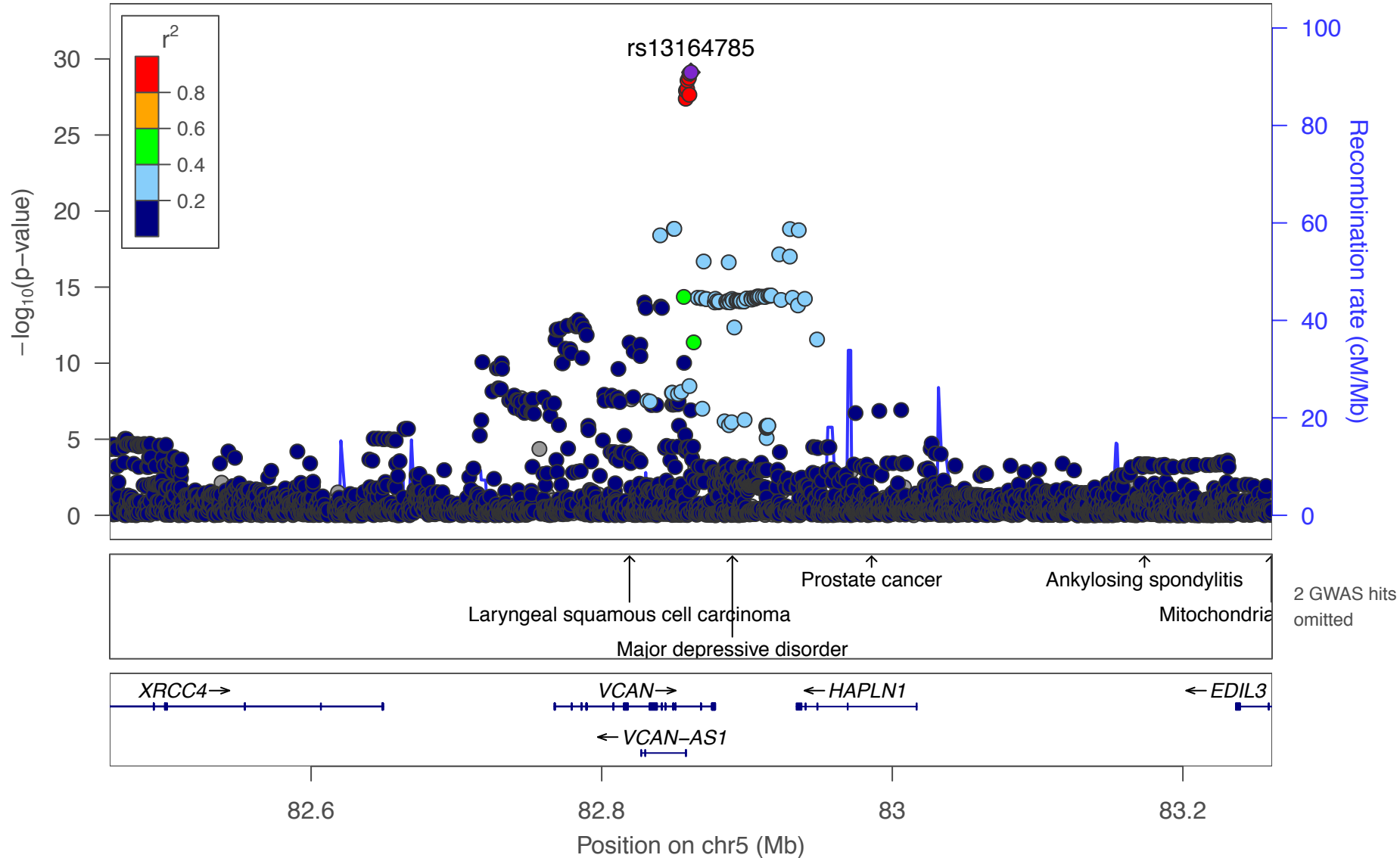
max P.value: 10E–1 [chr5:83082369]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Retrolenticular_part_of_internal_capsule_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 7.57E–30 [chr5:82861400]

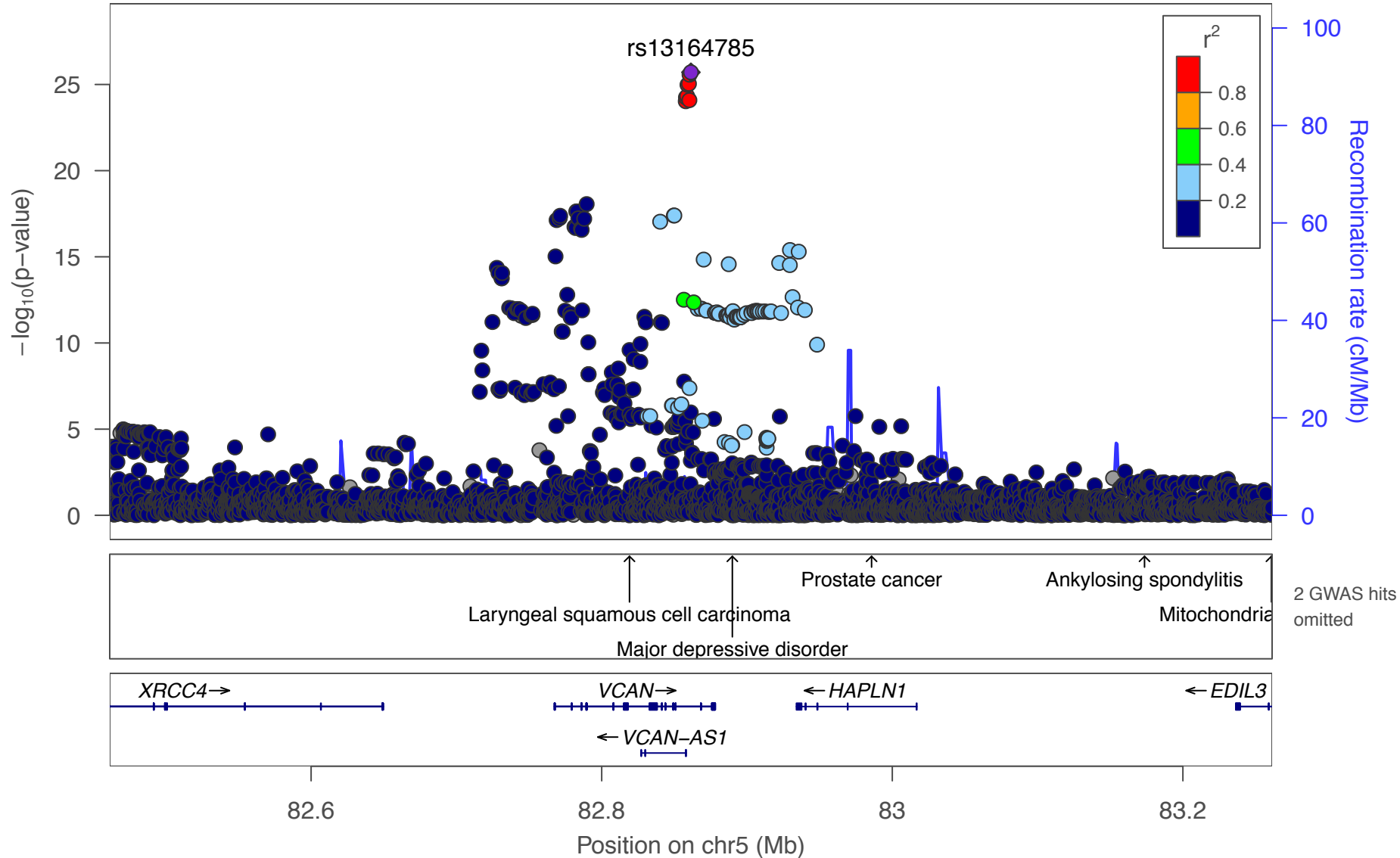
max P.value: 10E–1 [chr5:83127527]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Anterior_corona_radiata_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.96E–26 [chr5:82861400]

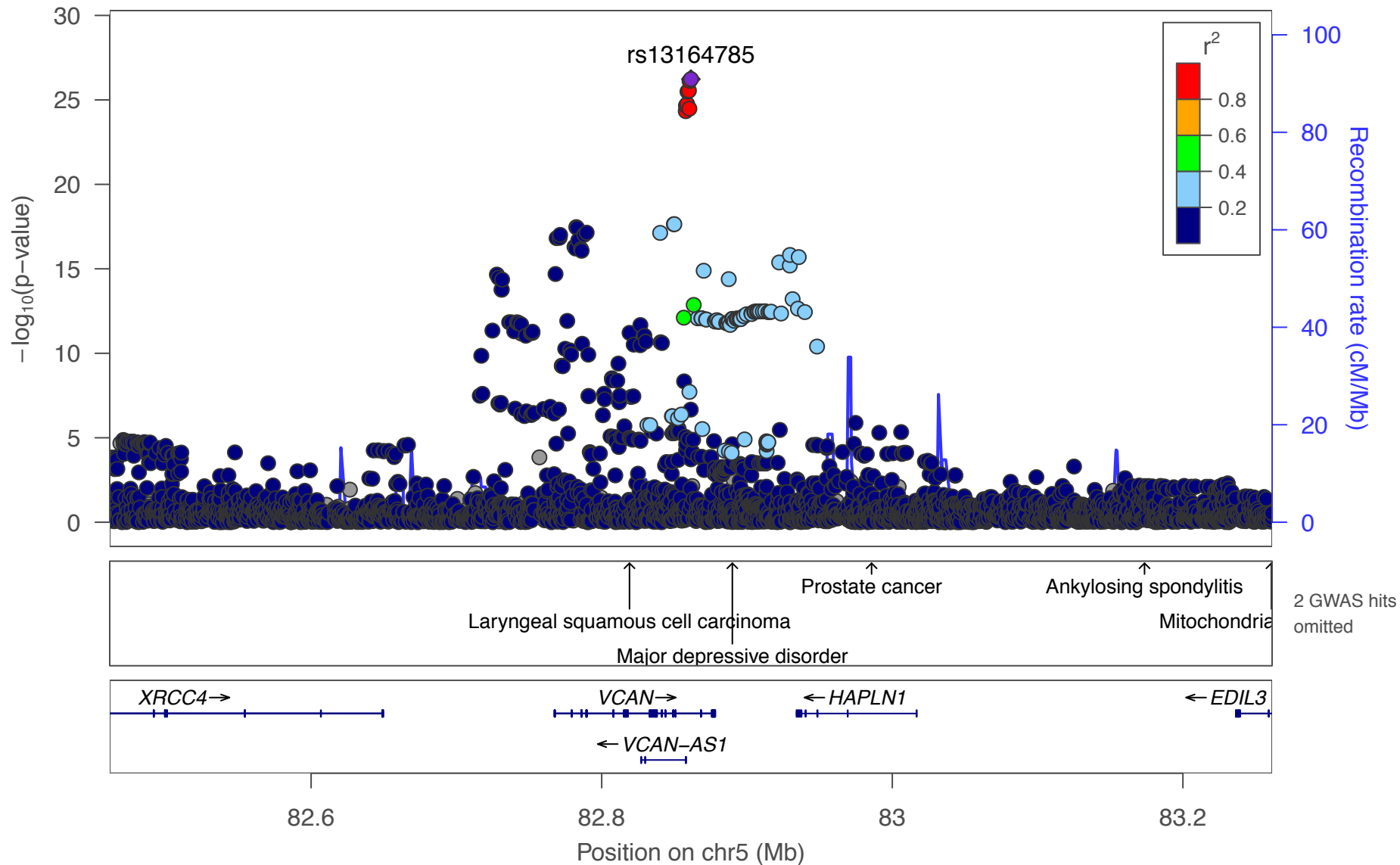
max P.value: 10E–1 [chr5:82586088]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Anterior_corona_radiata_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 5.9E–27 [chr5:82861400]

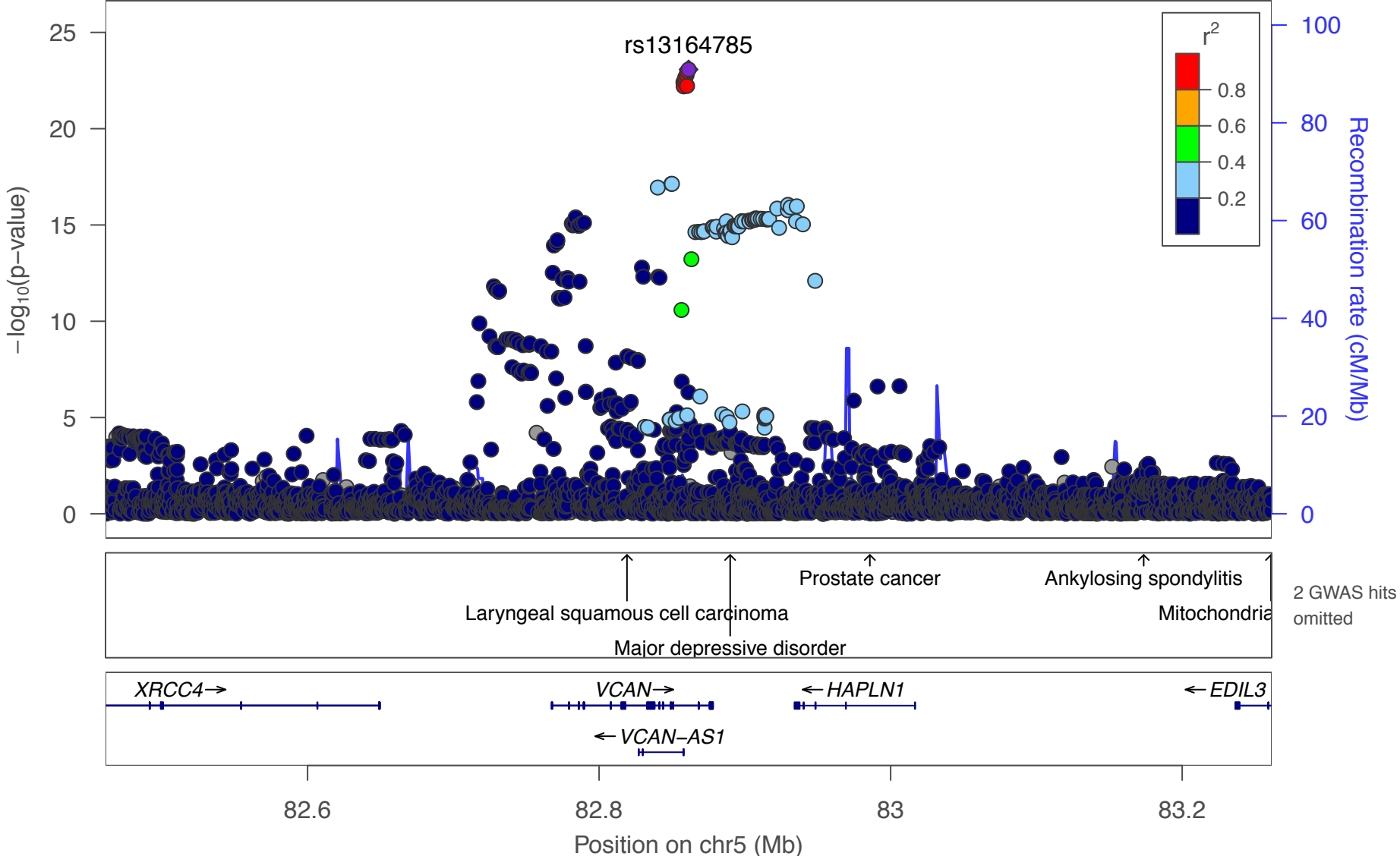
max P.value: 9.99E–1 [chr5:82929723]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Superior_corona_radiata_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 8.41E–24 [chr5:82861400]

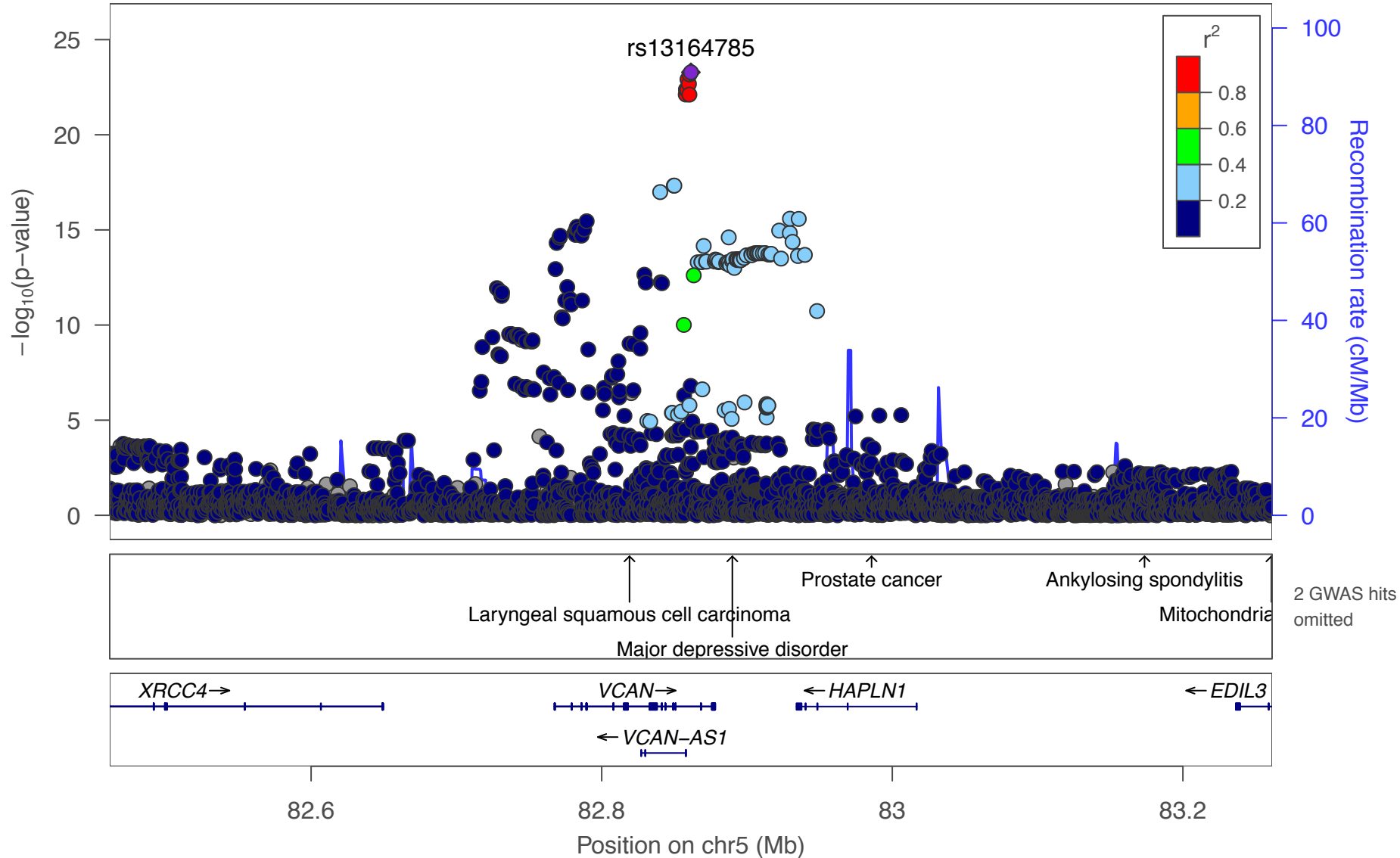
max P.value: 9.97E–1 [chr5:82659709]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Superior_corona_radiata_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 5.2E–24 [chr5:82861400]

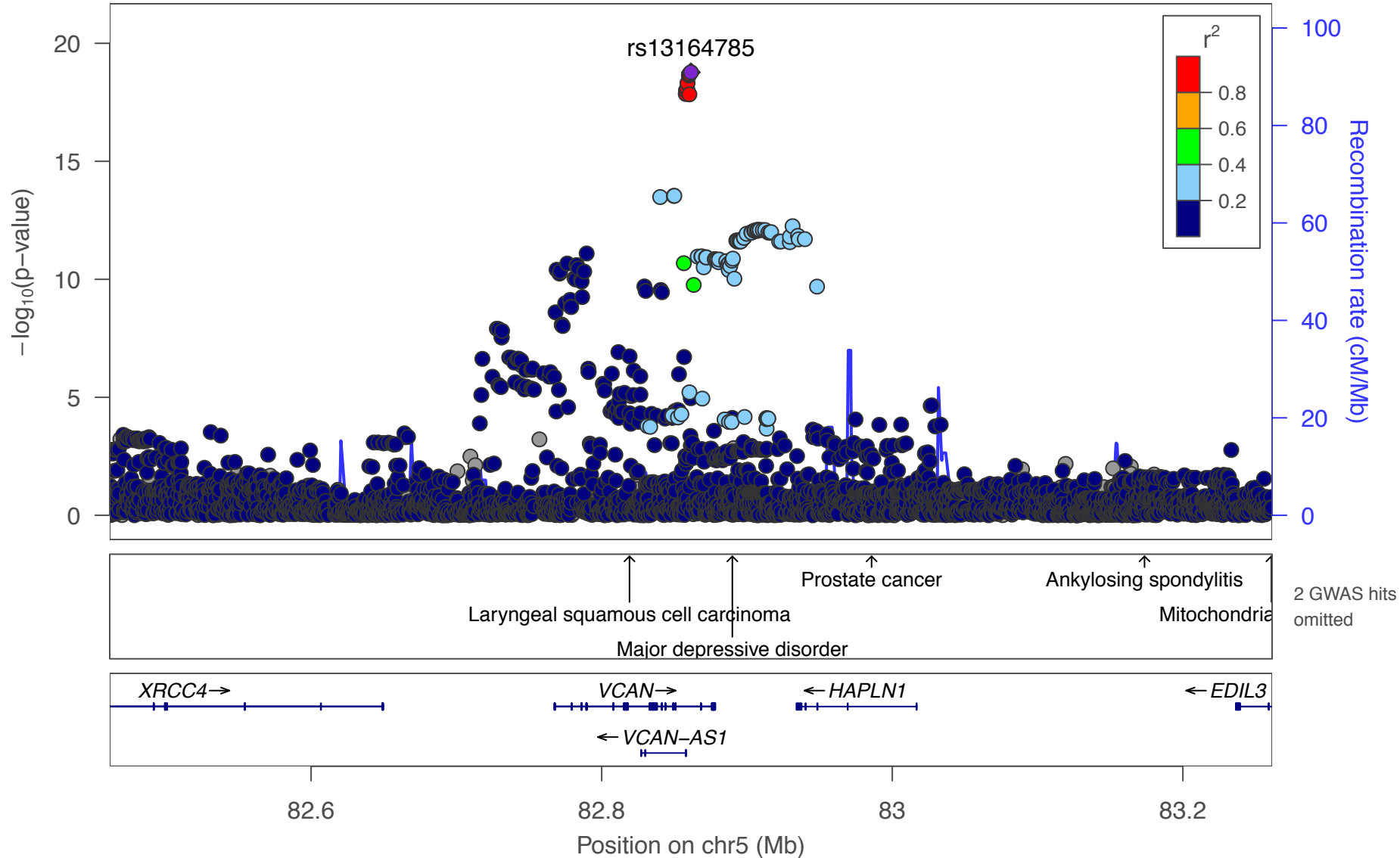
max P.value: 10E–1 [chr5:82630687]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Posterior_corona_radiata_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.69E–19 [chr5:82861400]

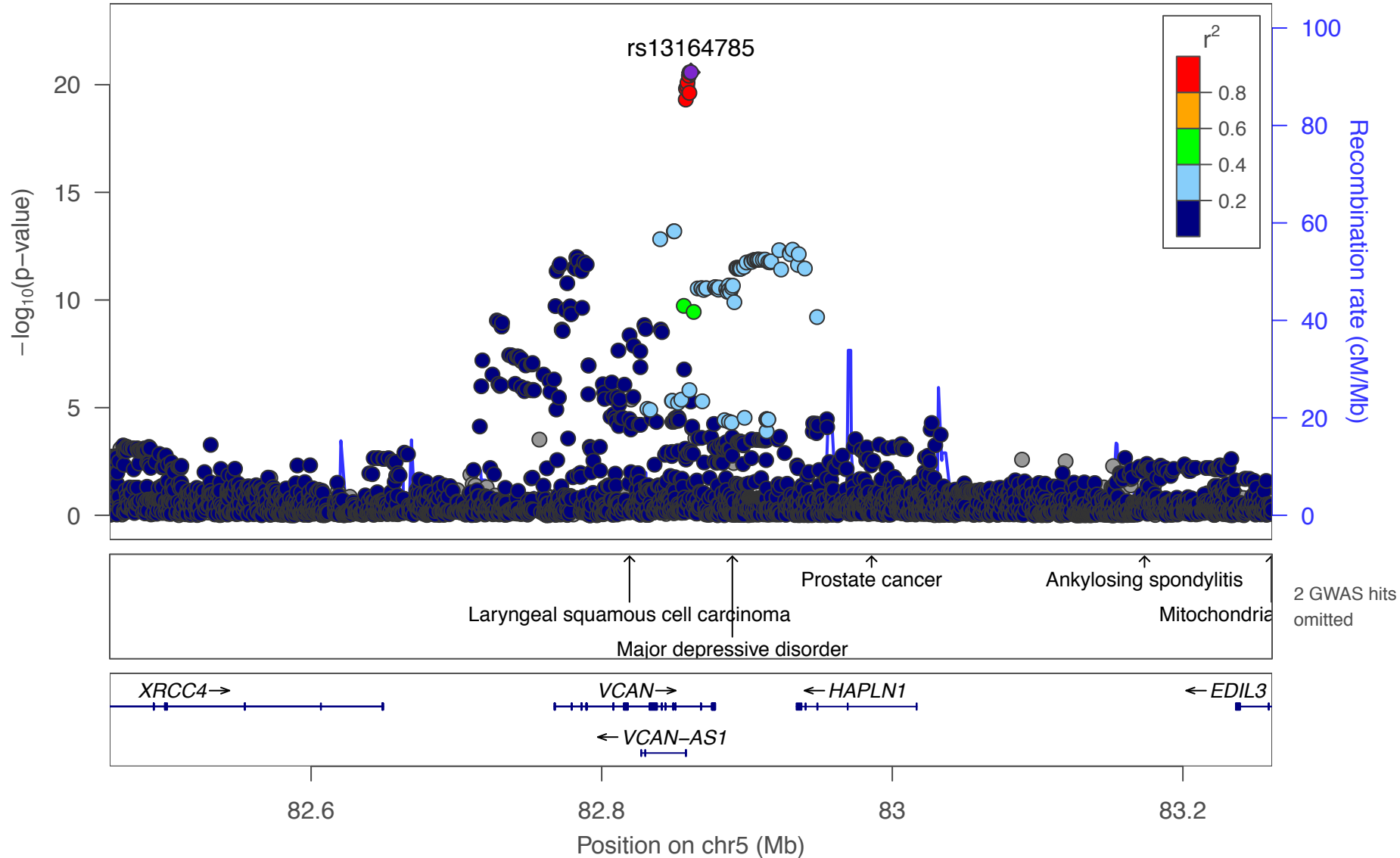
max P.value: 10E–1 [chr5:82907433]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Posterior_corona_radiata_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.65E–21 [chr5:82861400]

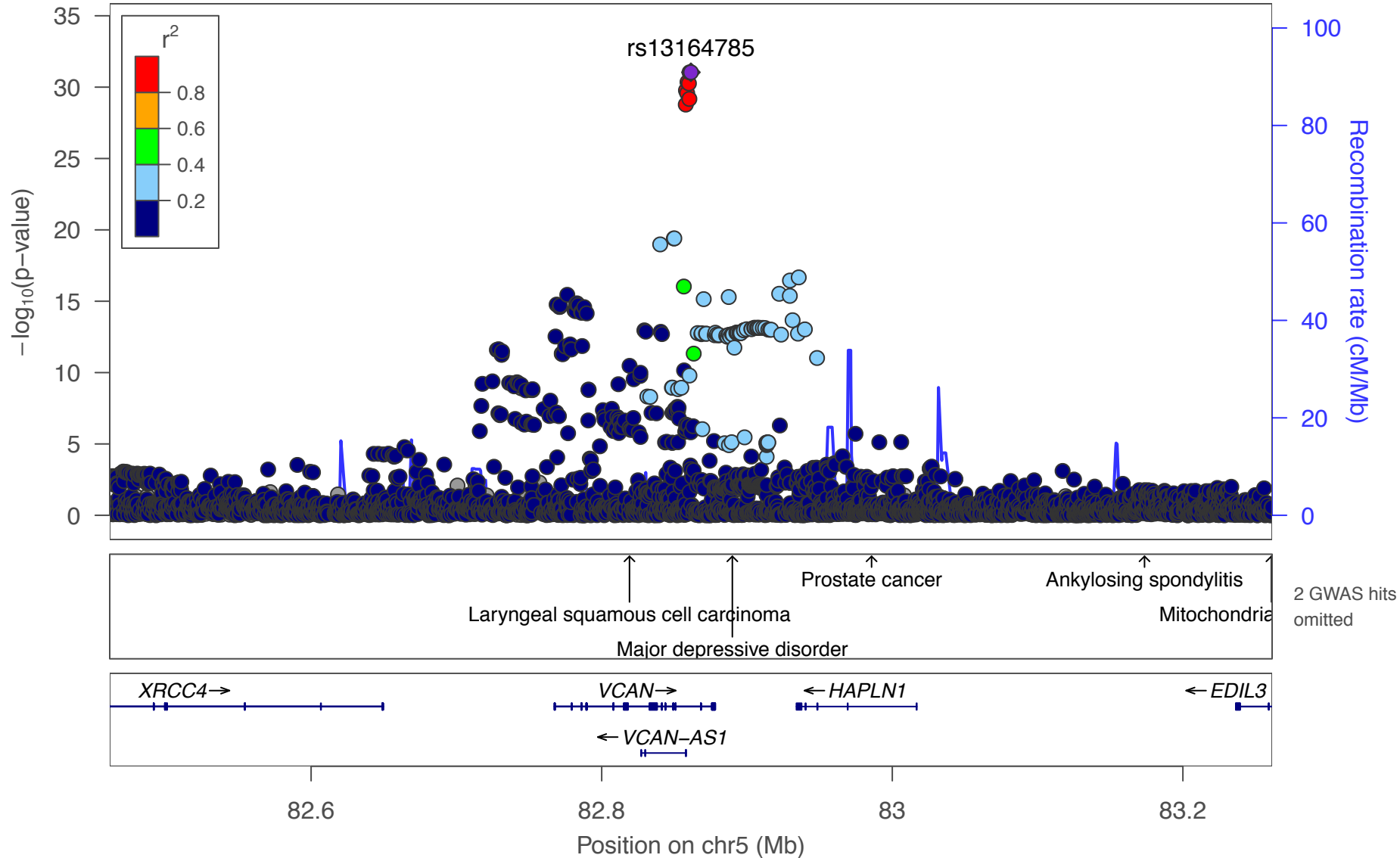
max P.value: 10E–1 [chr5:82587485]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Sagittal_stratum_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 9.12E–32 [chr5:82861400]

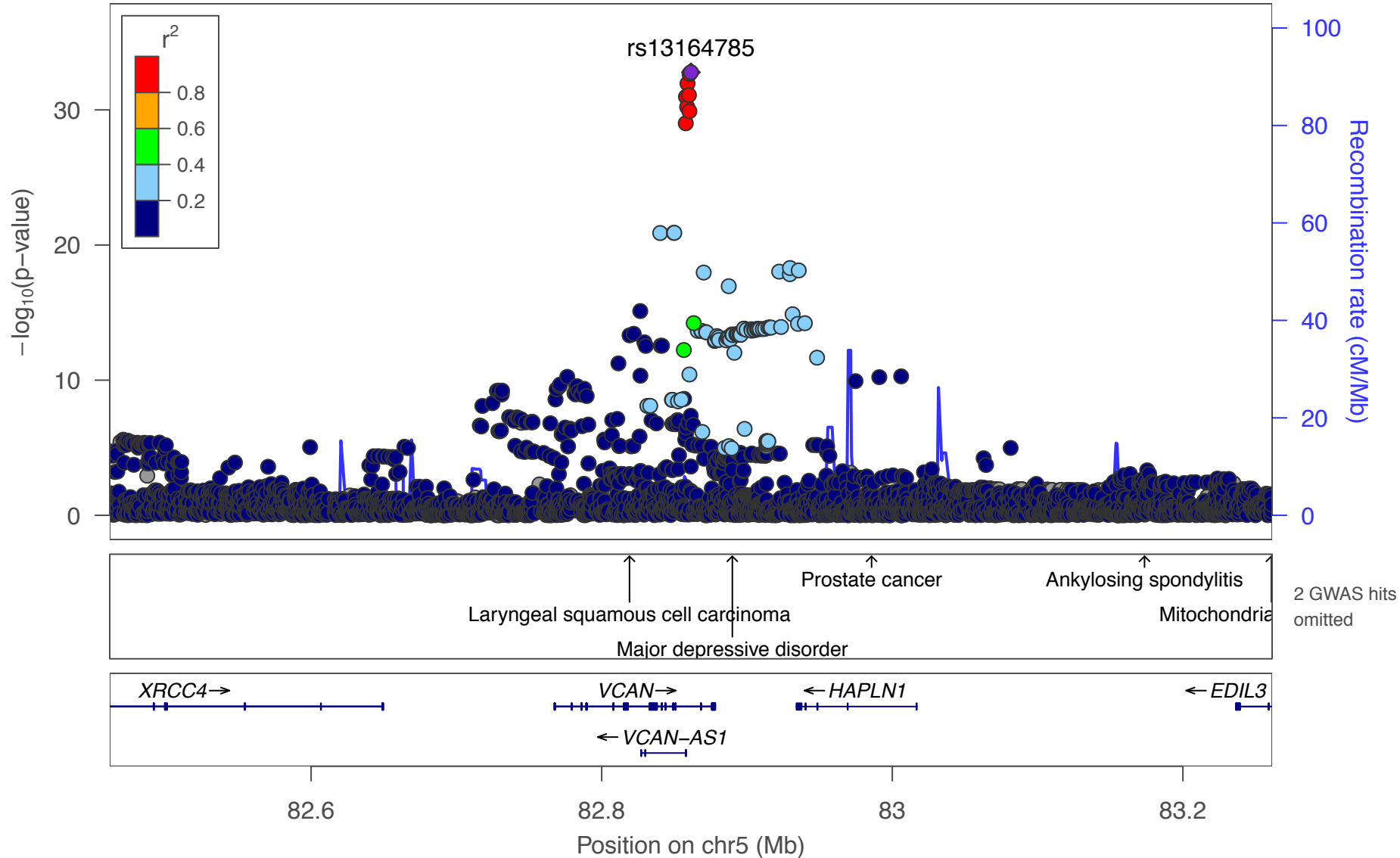
max P.value: 10E–1 [chr5:83203721]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_External_capsule_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.66E–33 [chr5:82861400]

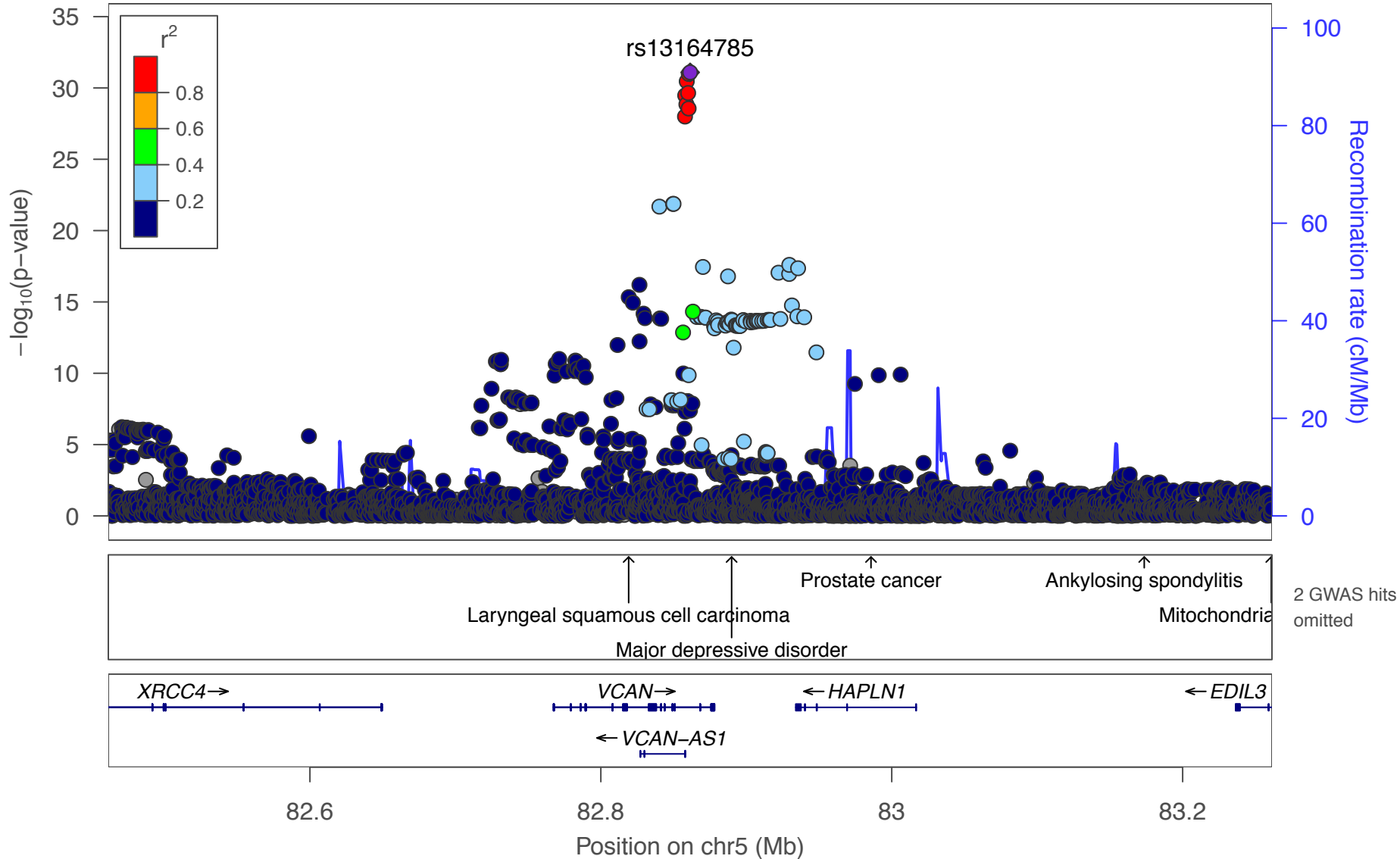
max P.value: 10E–1 [chr5:83006443]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_External_capsule_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: $8.11E-32$ [chr5:82861400]

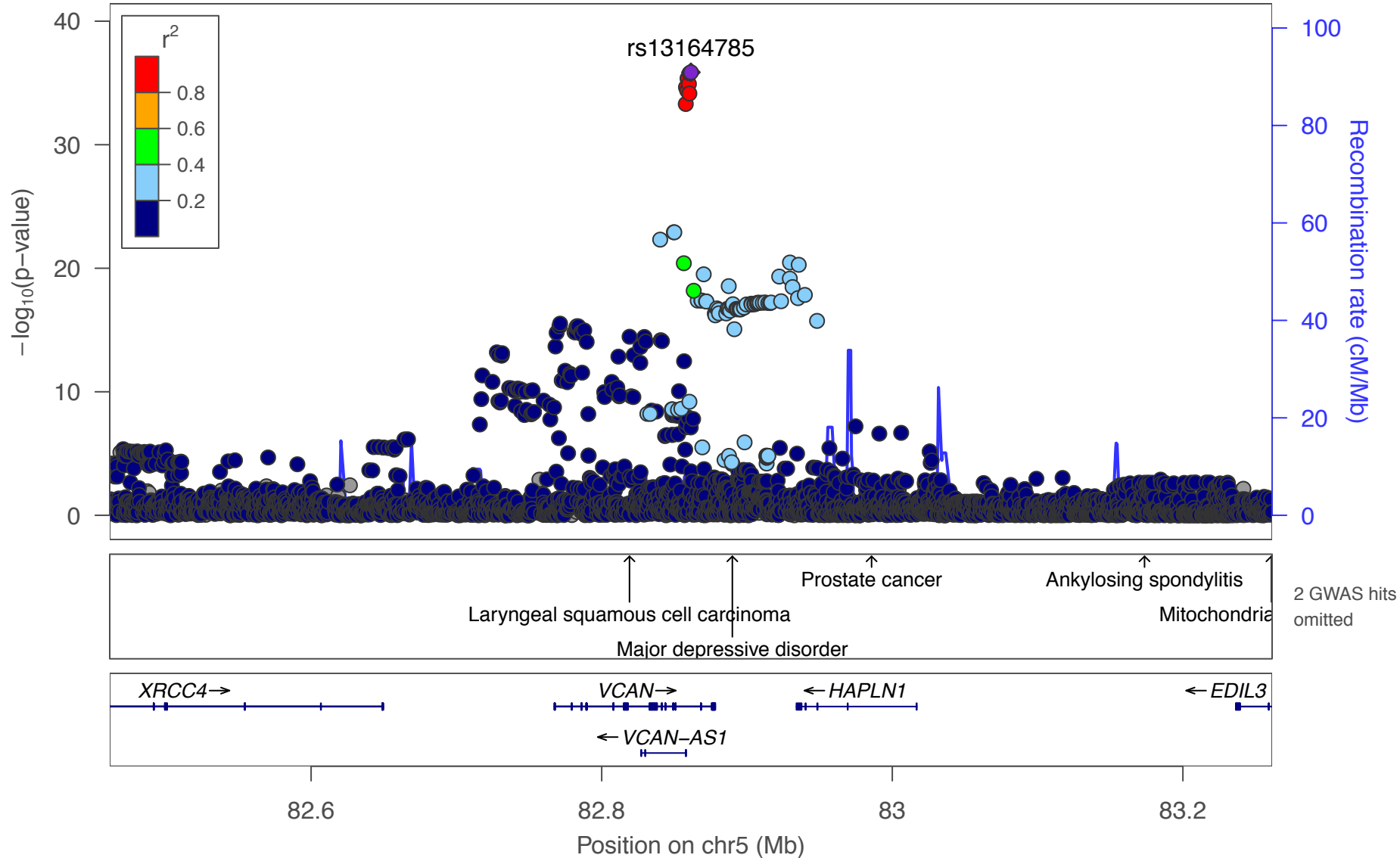
max P.value: $10E-1$ [chr5:83248345]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Cingulum_cingulate_gyrus_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.37E–36 [chr5:82861400]

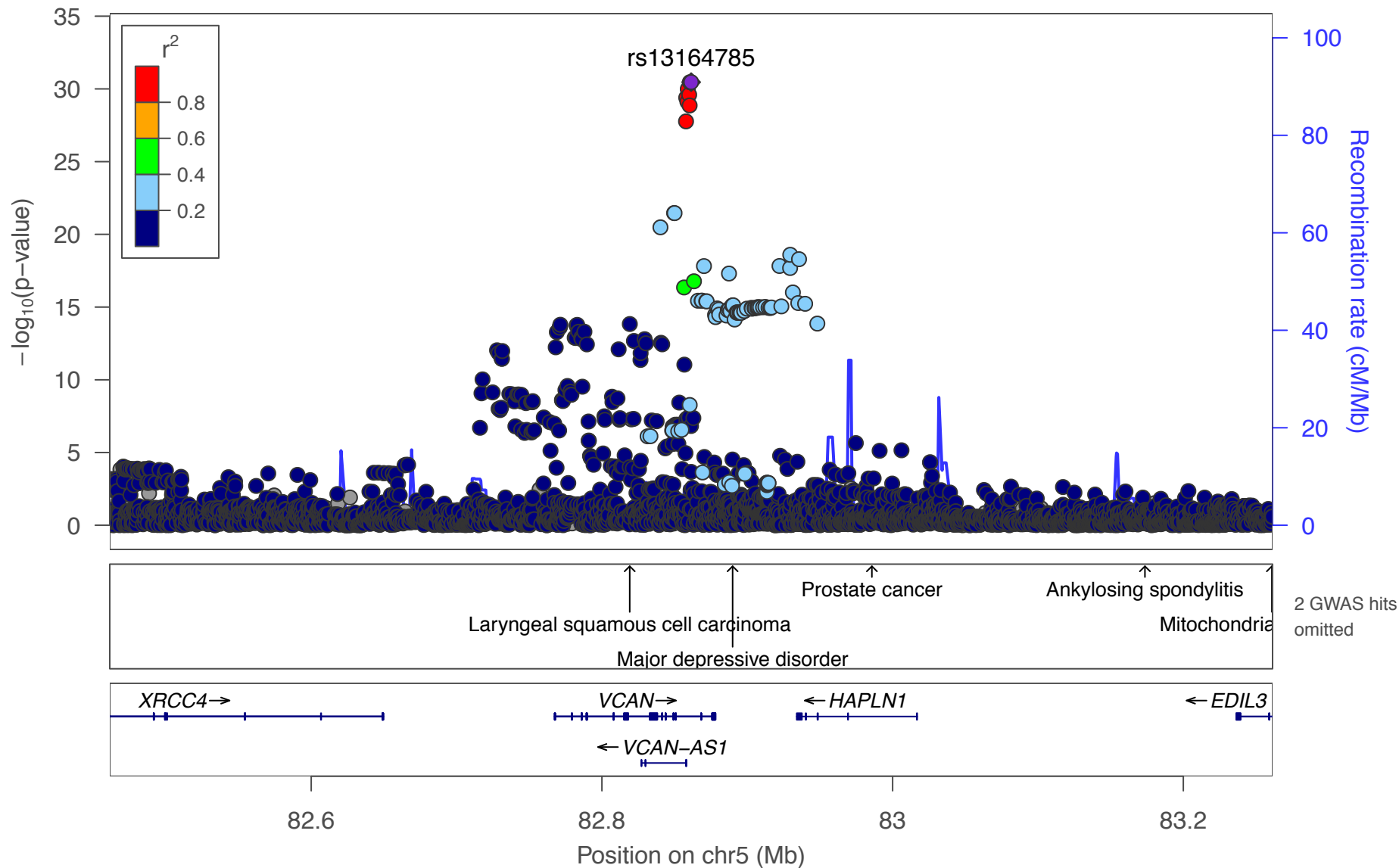
max P.value: 10E–1 [chr5:83215082]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Cingulum_cingulate_gyrus_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.44E–31 [chr5:82861400]

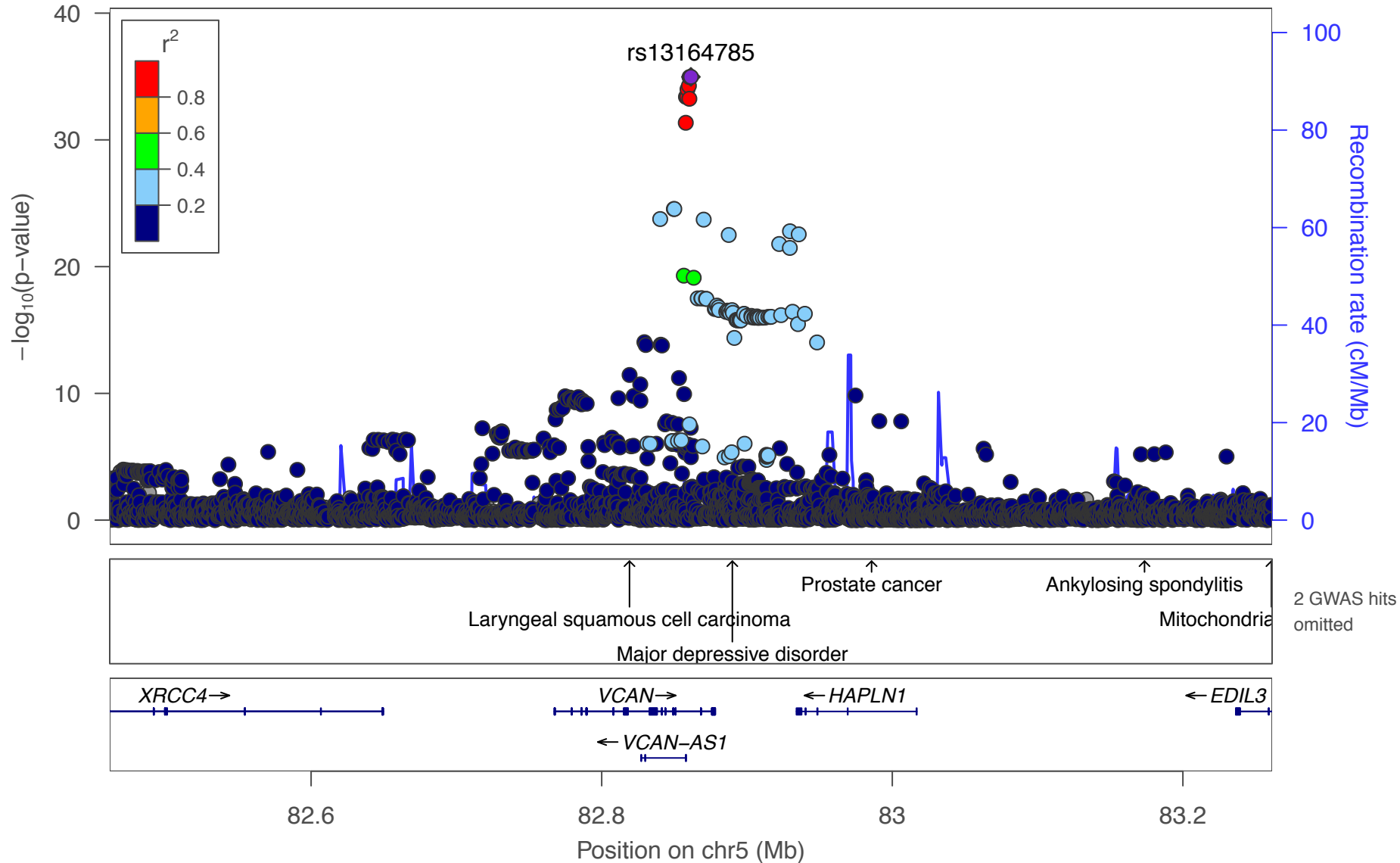
max P.value: 10E–1 [chr5:82919700]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Cingulum_hippocampus_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.07E–35 [chr5:82861400]

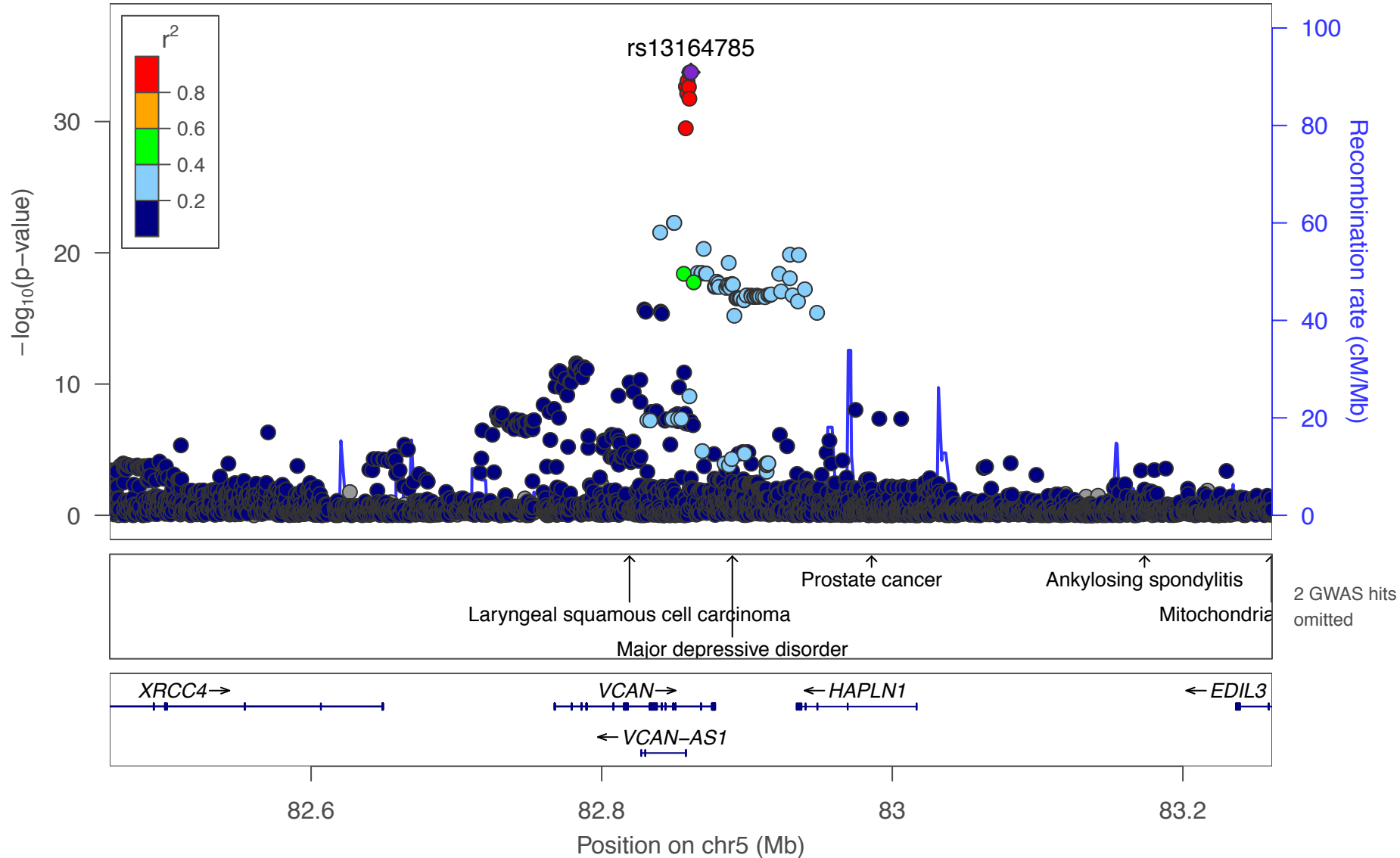
max P.value: 9.99E–1 [chr5:82510029]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Cingulum_hippocampus_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.77E–34 [chr5:82861400]

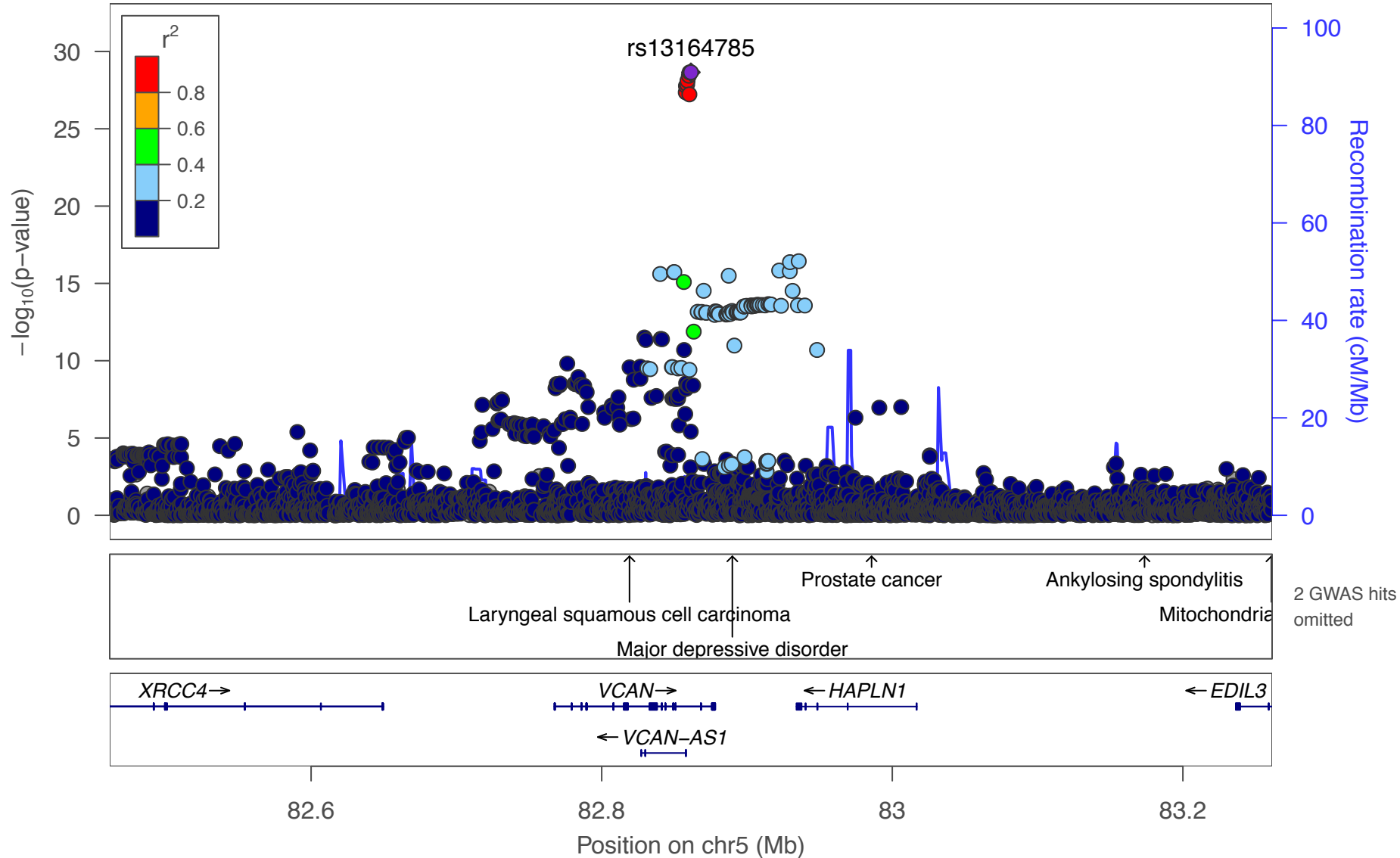
max P.value: 10E–1 [chr5:83017764]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Fornix_cres+Stria_terminalis_L



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.22E–29 [chr5:82861400]

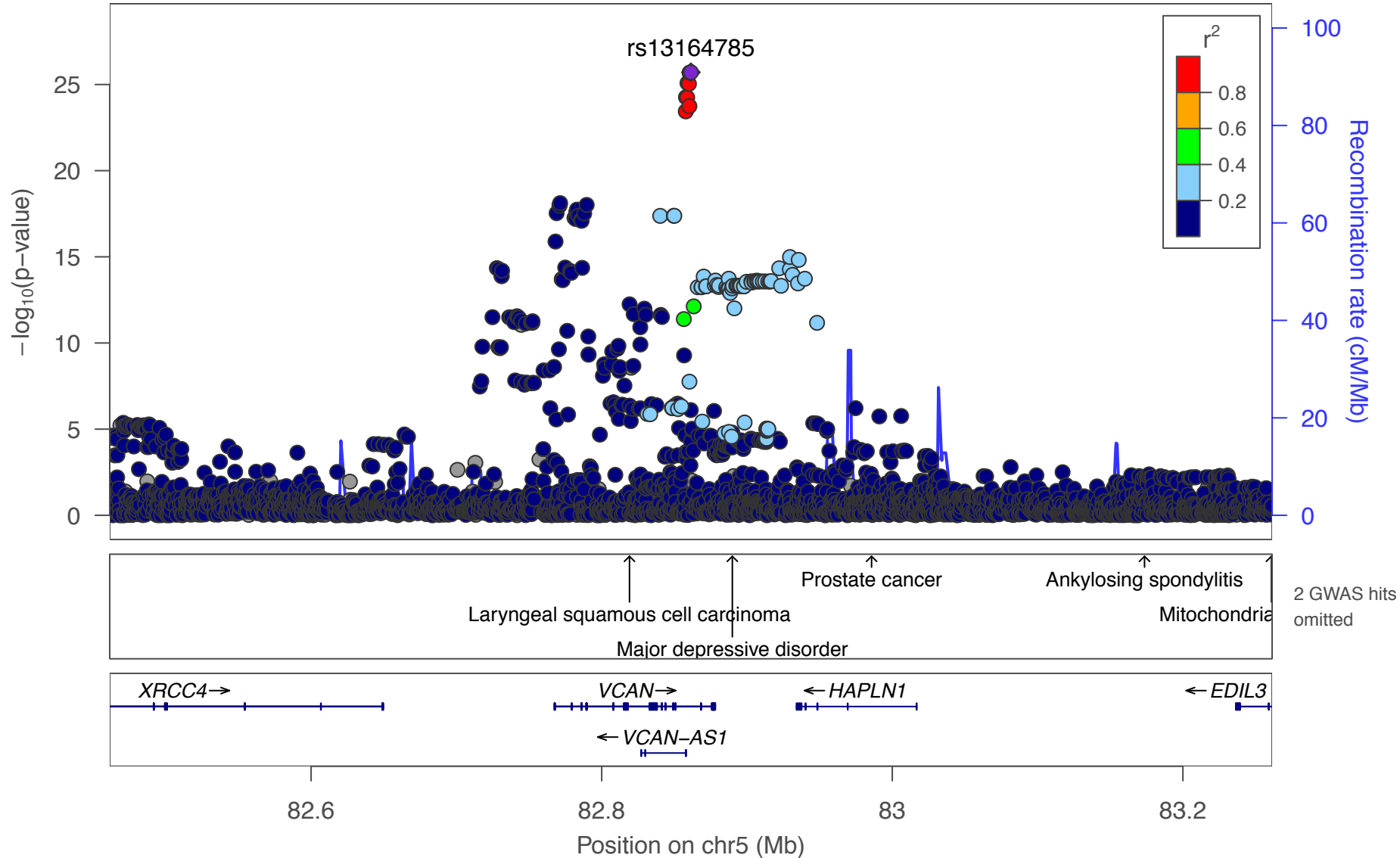
max P.value: 9.99E–1 [chr5:83092851]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Superior_longitudinal_fasciculus_L



date: Thu Aug 17 18:10:34 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.95E–26 [chr5:82861400]

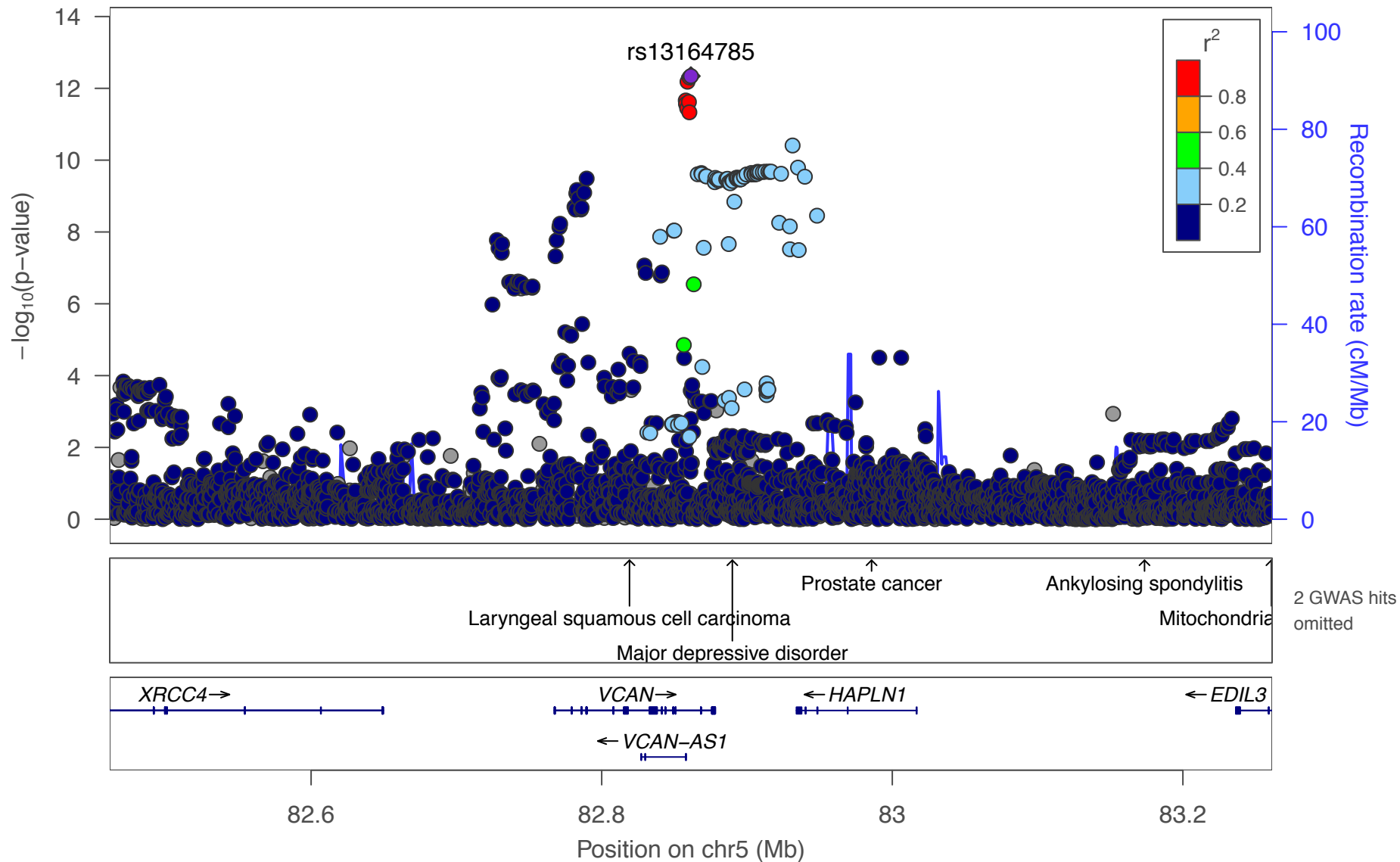
max P.value: 9.99E–1 [chr5:83169008]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Superior_fronto-occipital_fasciculus_R



date: Thu Aug 17 17:55:19 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.56E–13 [chr5:82861400]

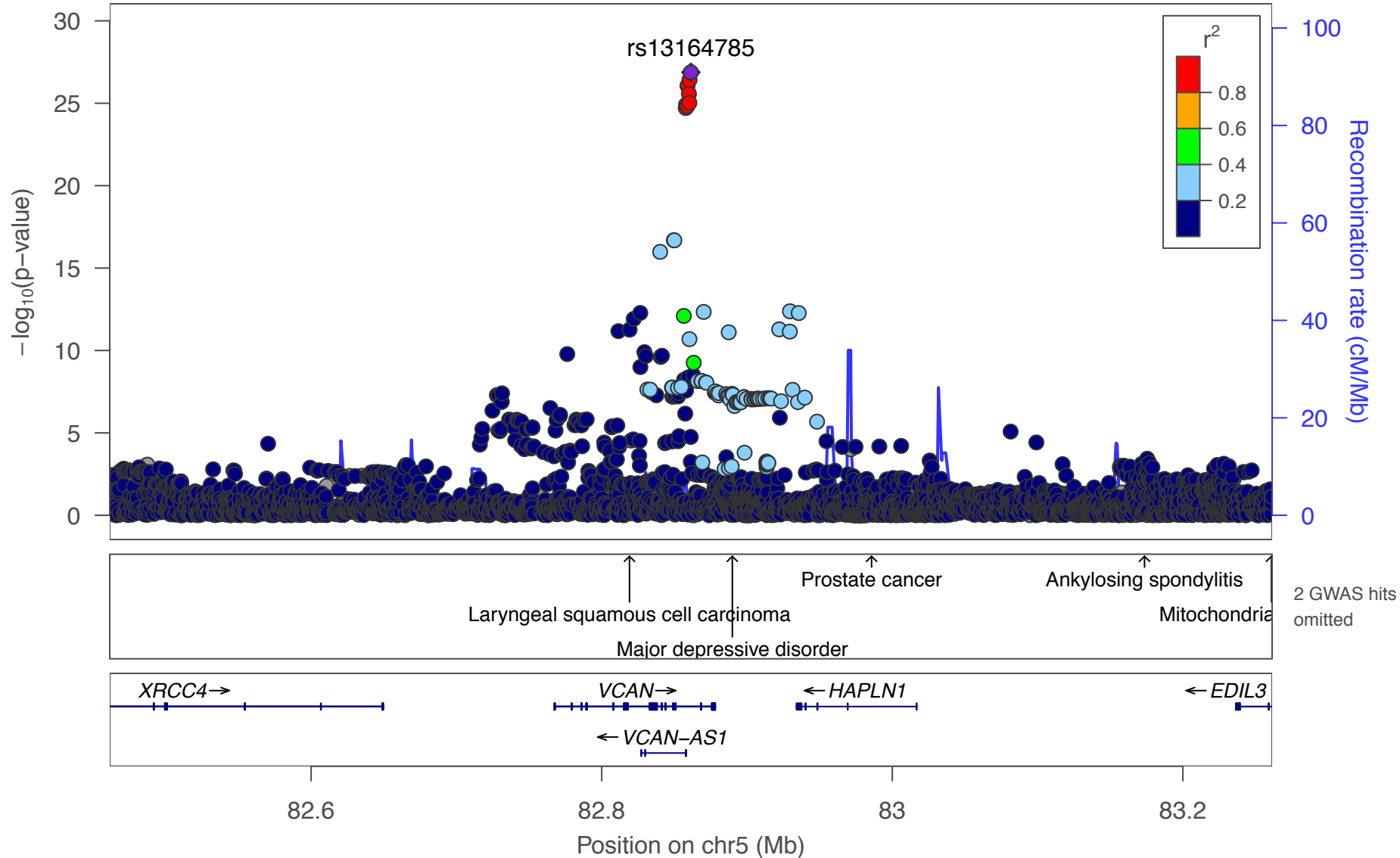
max P.value: 10E–1 [chr5:82712592]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Uncinate_fasciculus_R



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.32E–27 [chr5:82861400]

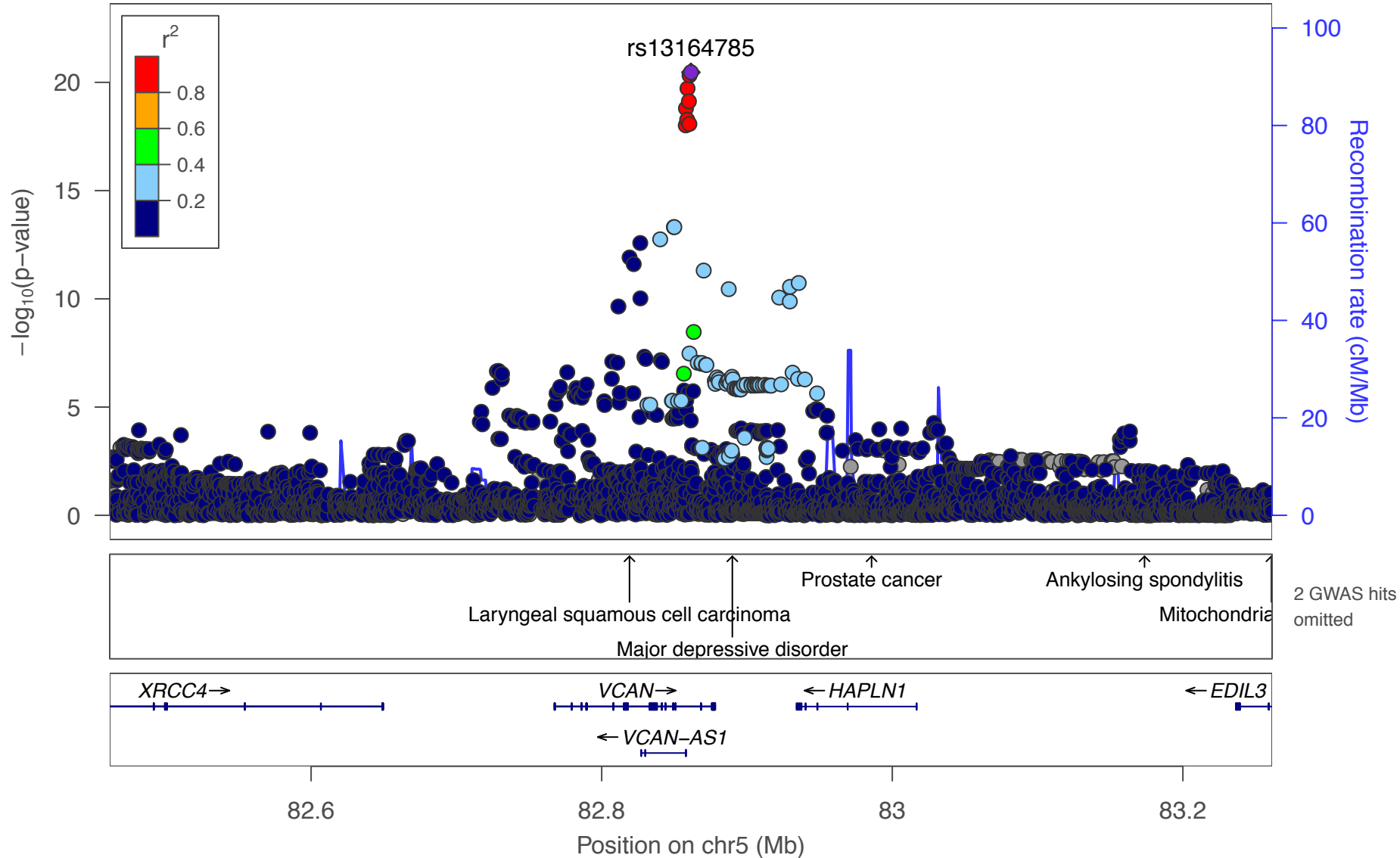
max P.value: 9.99E–1 [chr5:82973210]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

TBSS_ICVF_Uncinate_fasciculus_L



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.43E–21 [chr5:82861400]

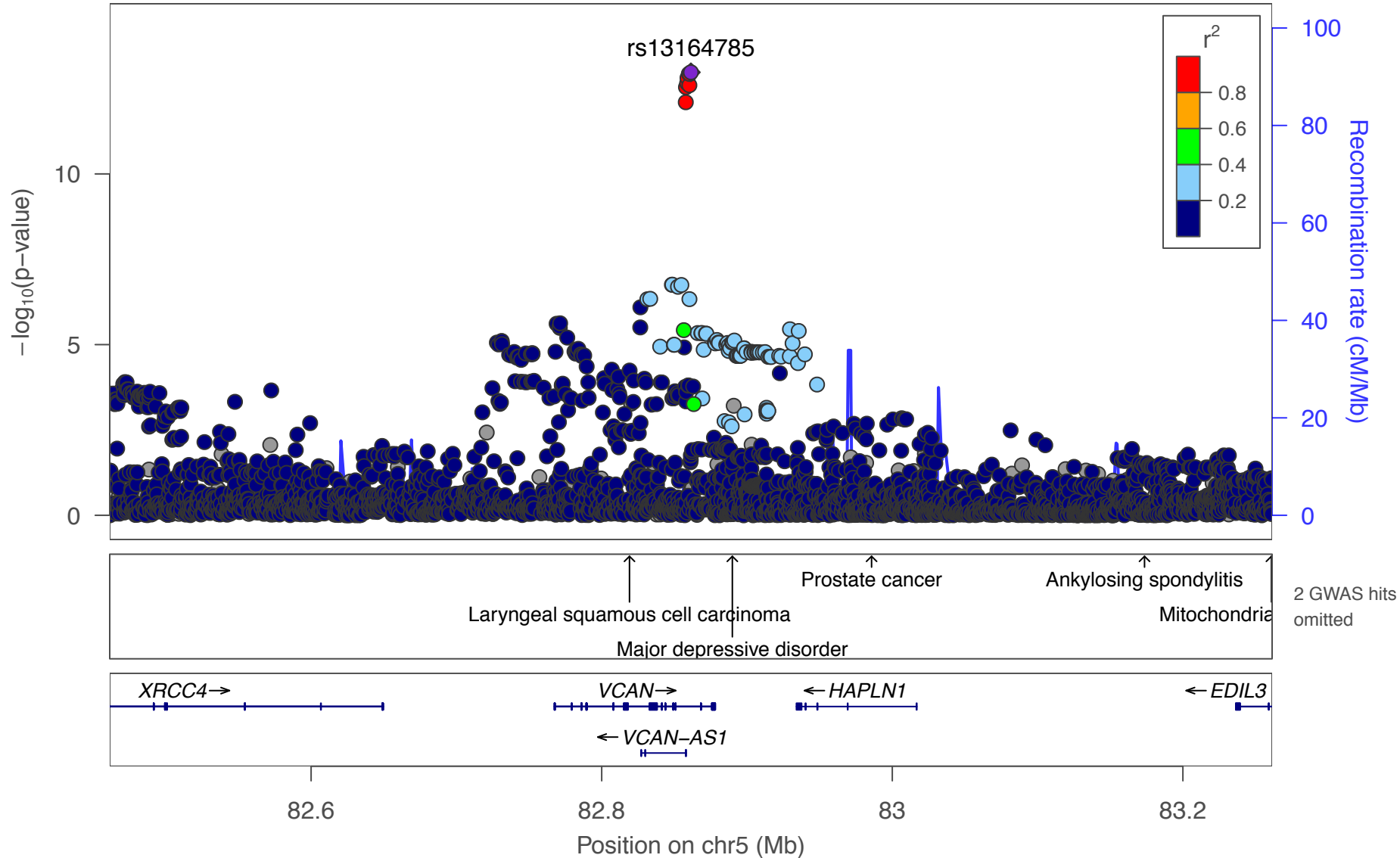
max P.value: 10E–1 [chr5:83117229]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_FA_atr_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.05E–13 [chr5:82861400]

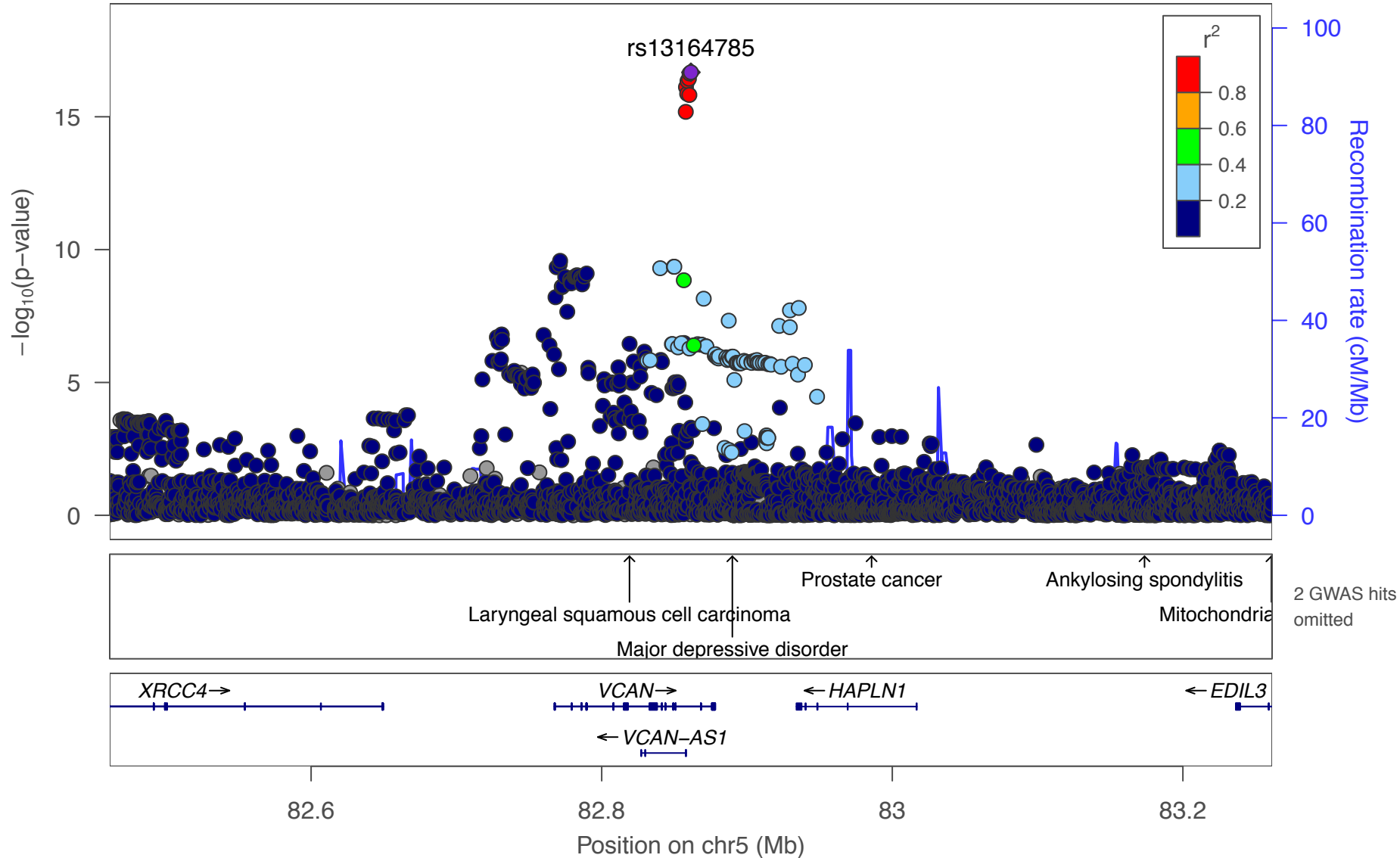
max P.value: 10E–1 [chr5:82994521]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_FA_fmi



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.12E–17 [chr5:82861400]

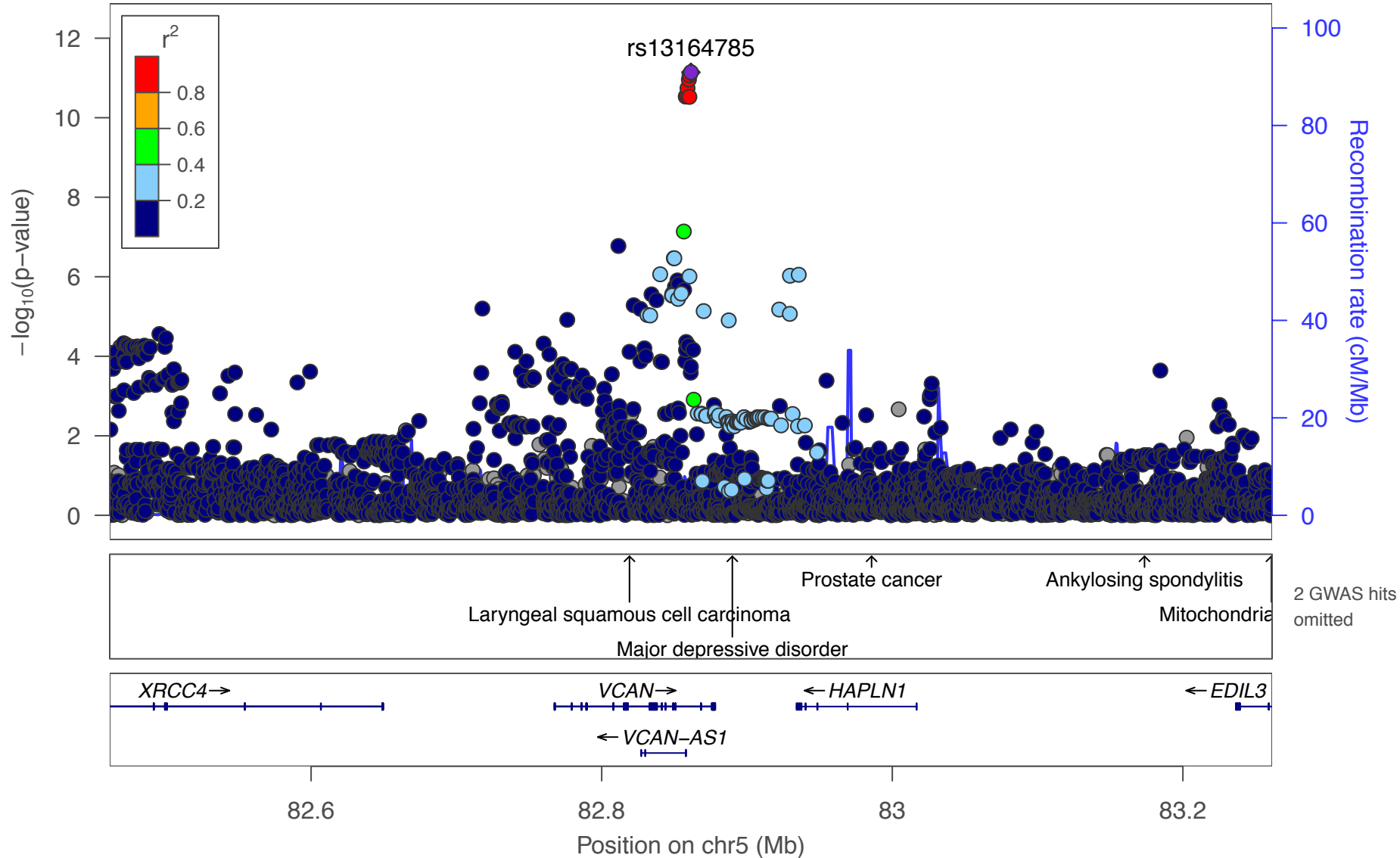
max P.value: 9.99E–1 [chr5:82642418]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProtrackX_FA_unc_r



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 7.21E–12 [chr5:82861400]

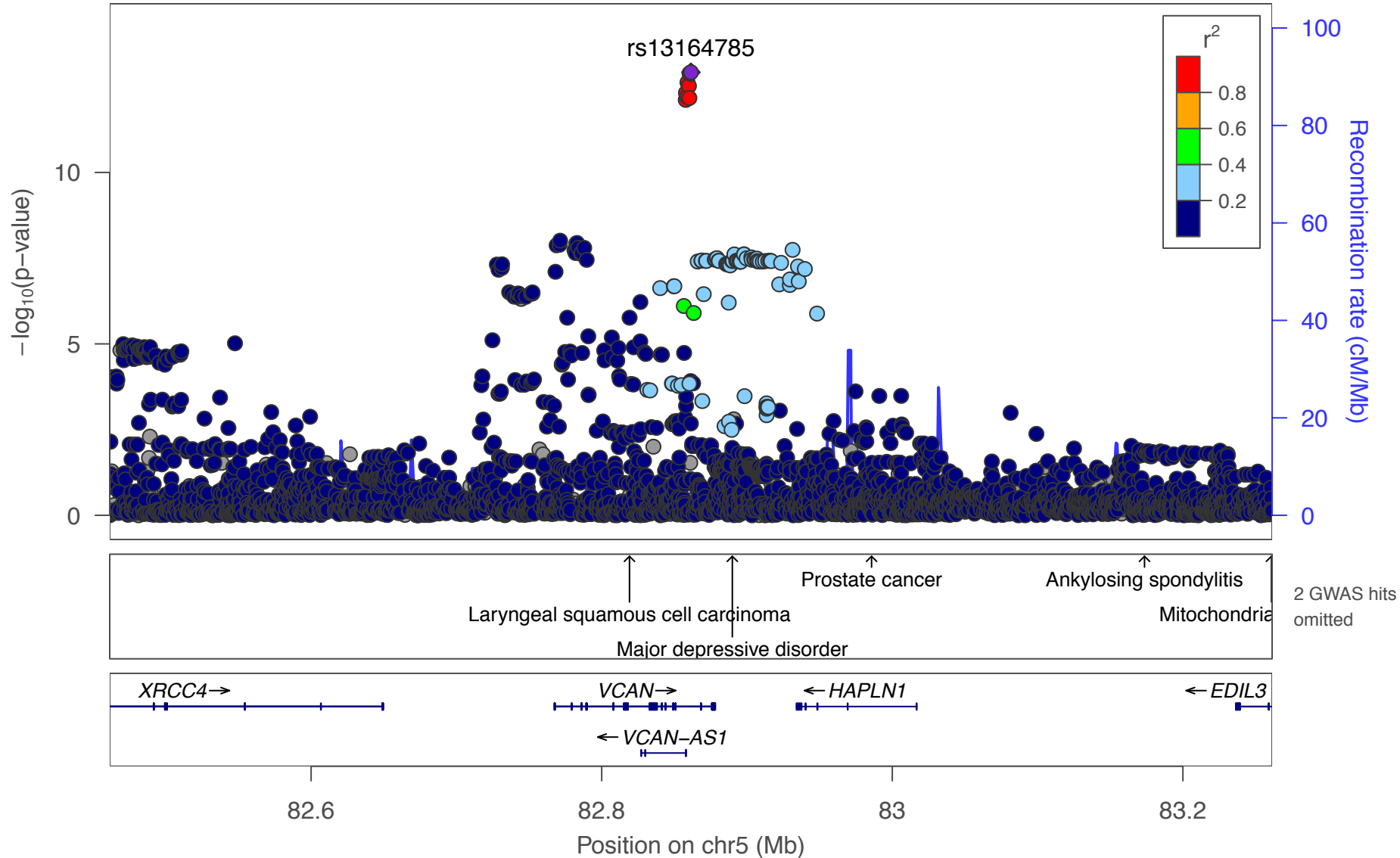
max P.value: 10E–1 [chr5:83260593]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_atr_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.2E–13 [chr5:82861400]

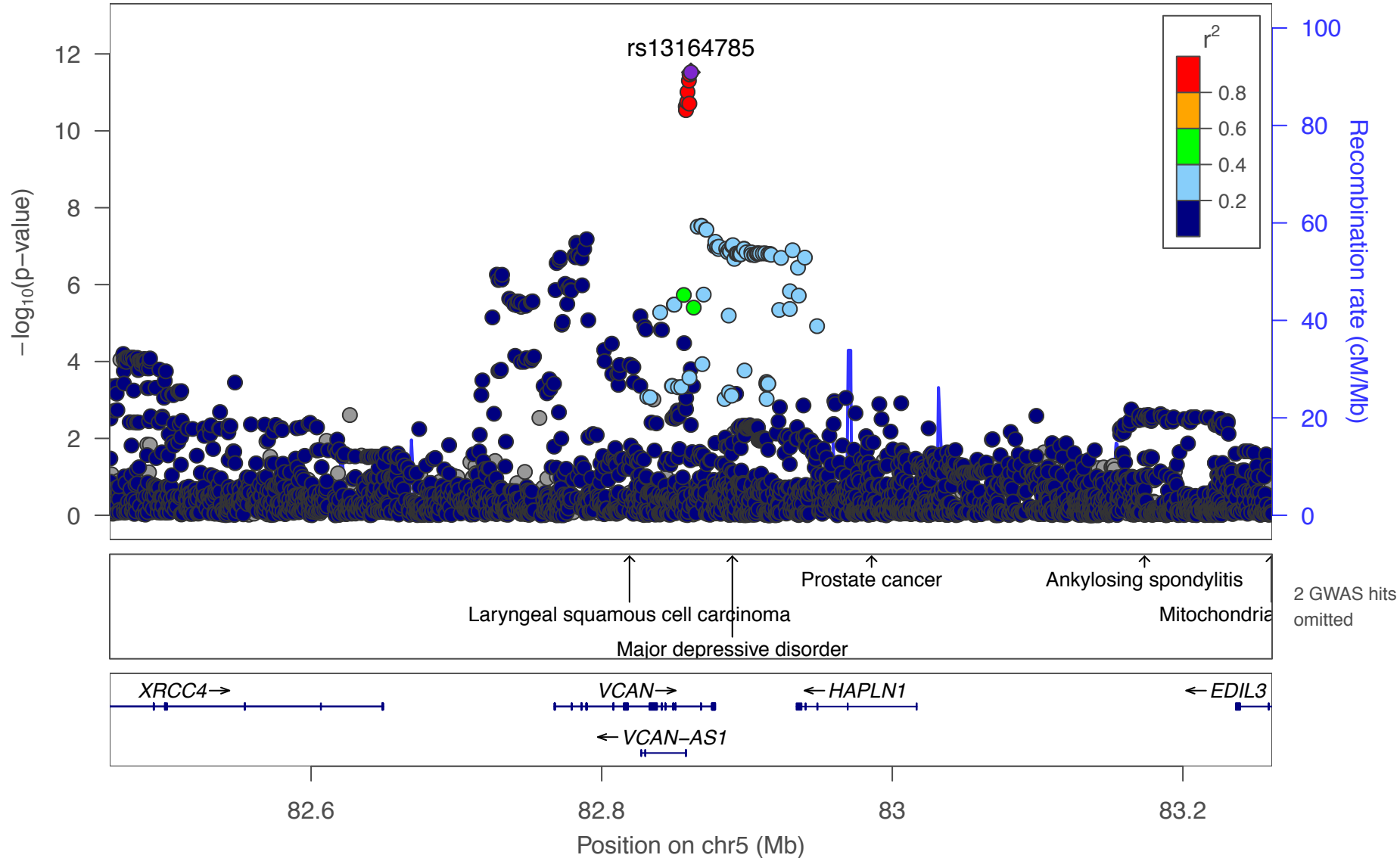
max P.value: 10E–1 [chr5:83165521]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_atr_r



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.01E–12 [chr5:82861400]

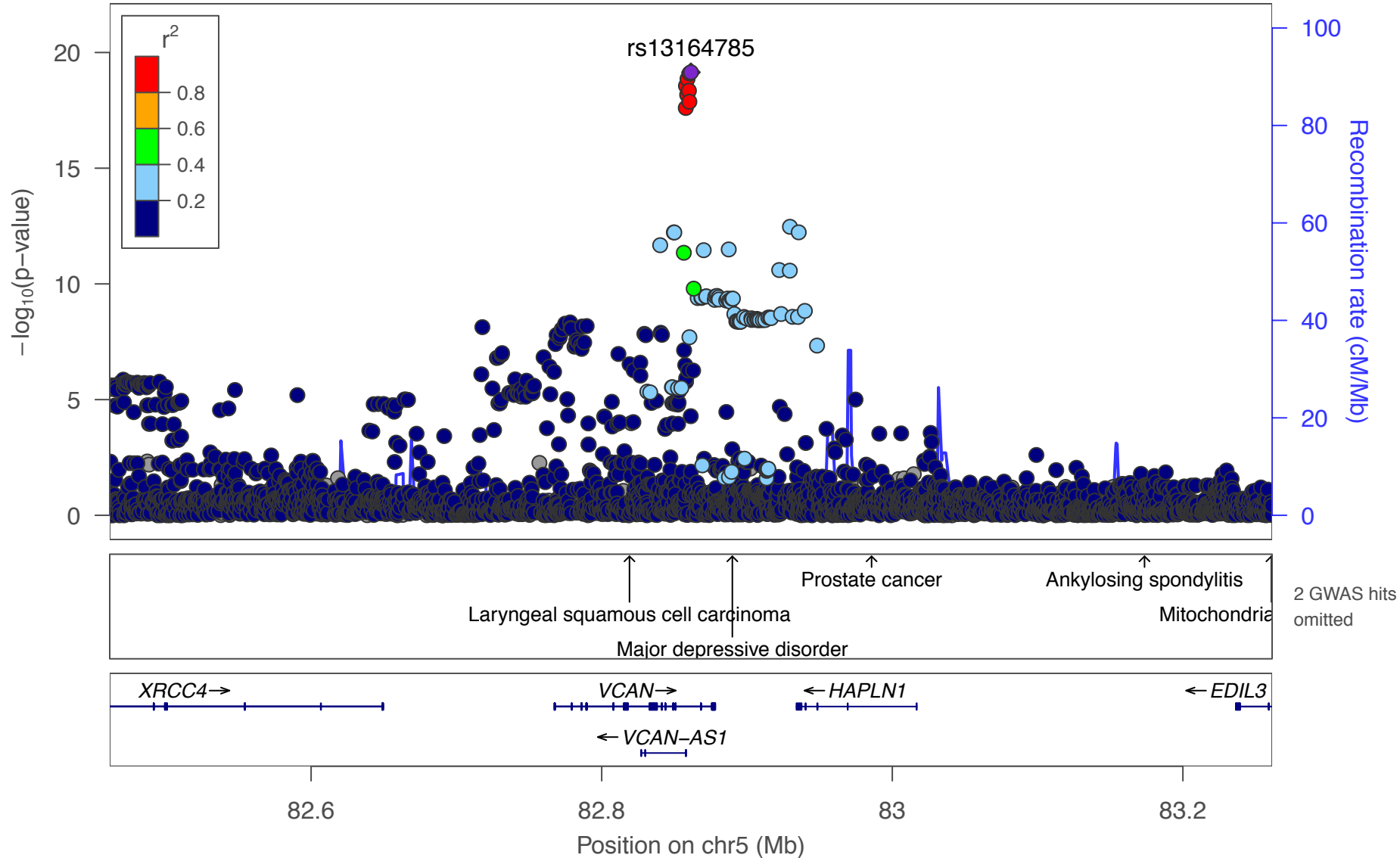
max P.value: 10E–1 [chr5:82773484]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_cgc_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 7.18E–20 [chr5:82861400]

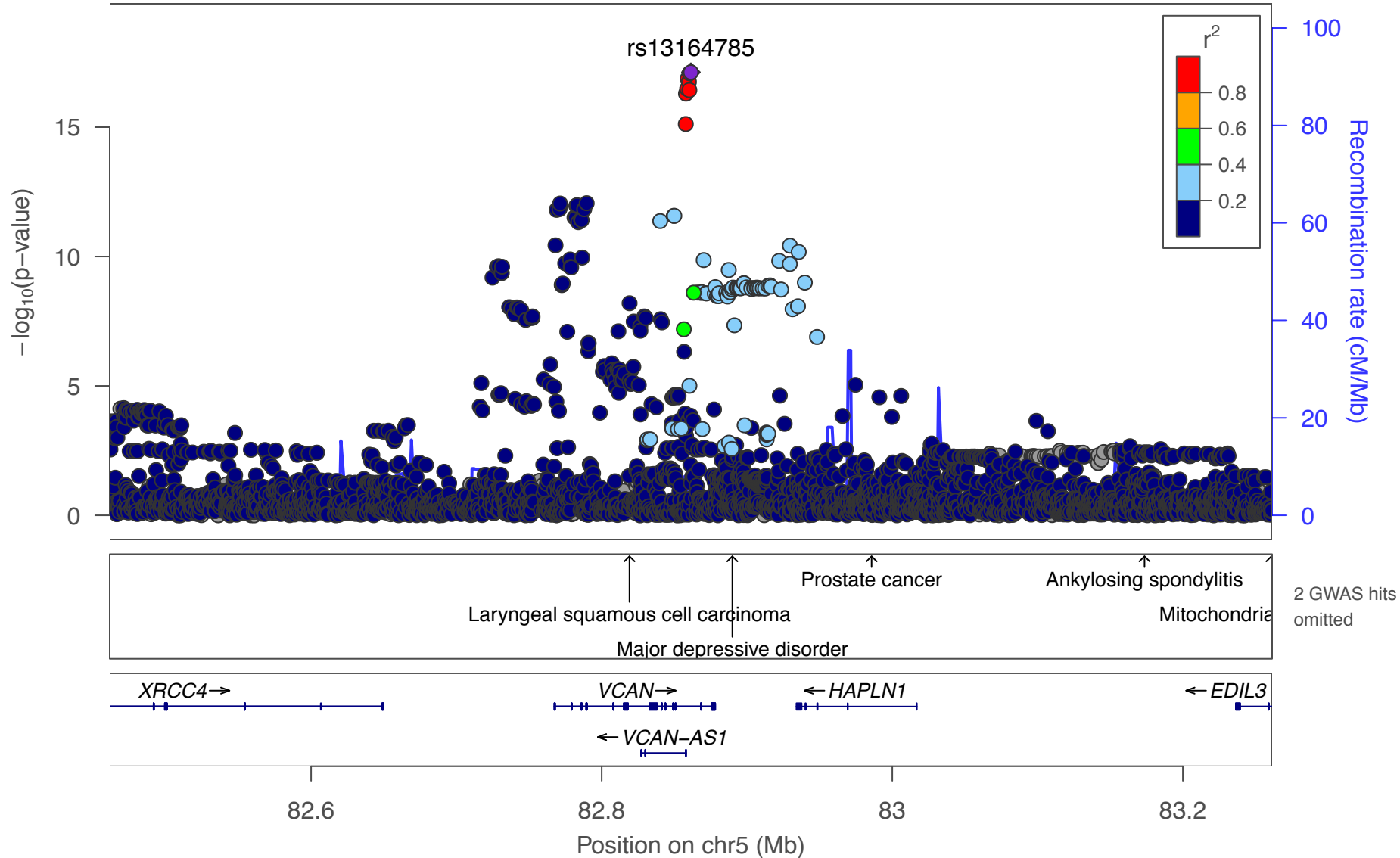
max P.value: 10E–1 [chr5:82958821]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_fmi



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 7.62E–18 [chr5:82861400]

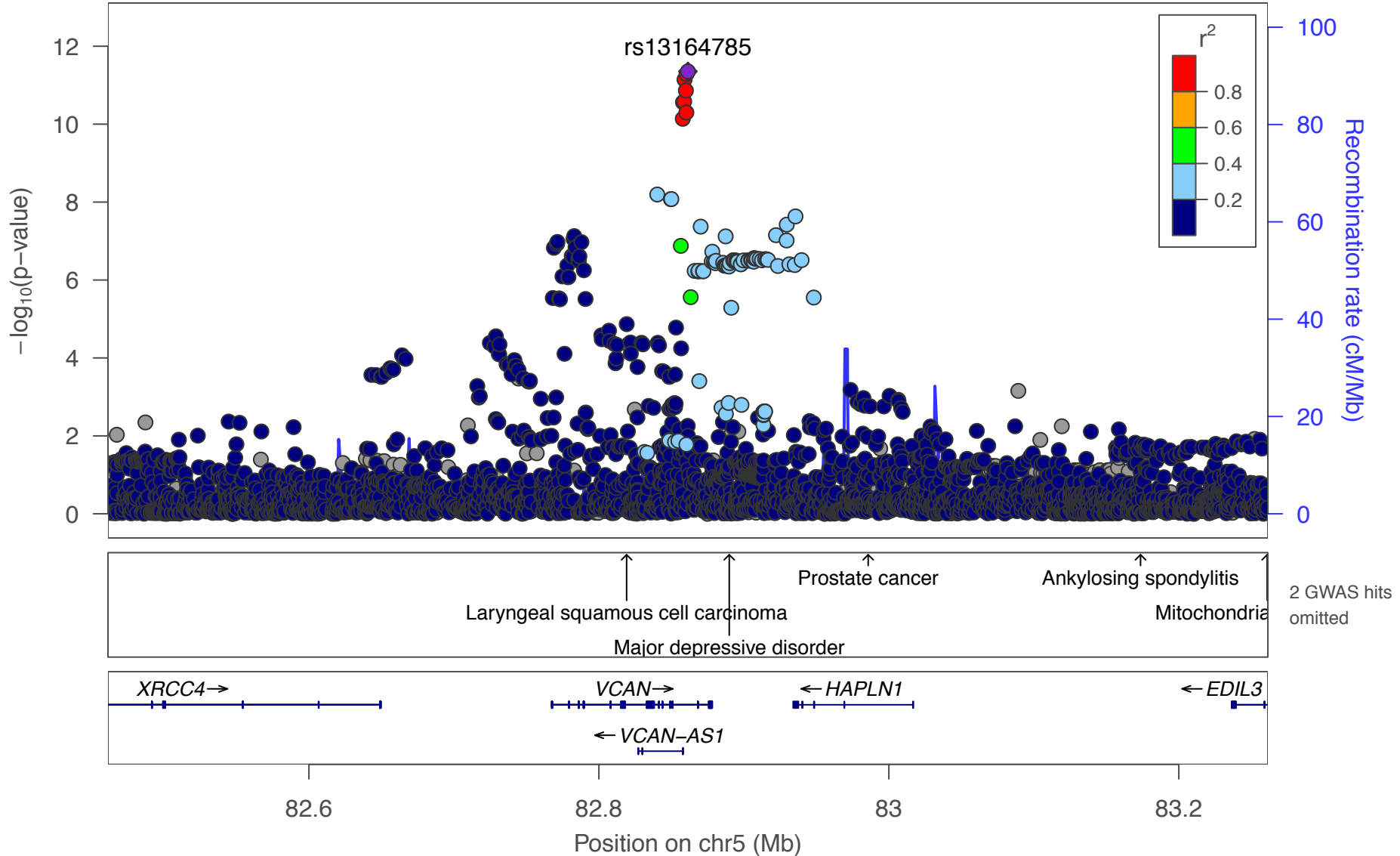
max P.value: 10E–1 [chr5:82826483]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_ptr_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.44E–12 [chr5:82861400]

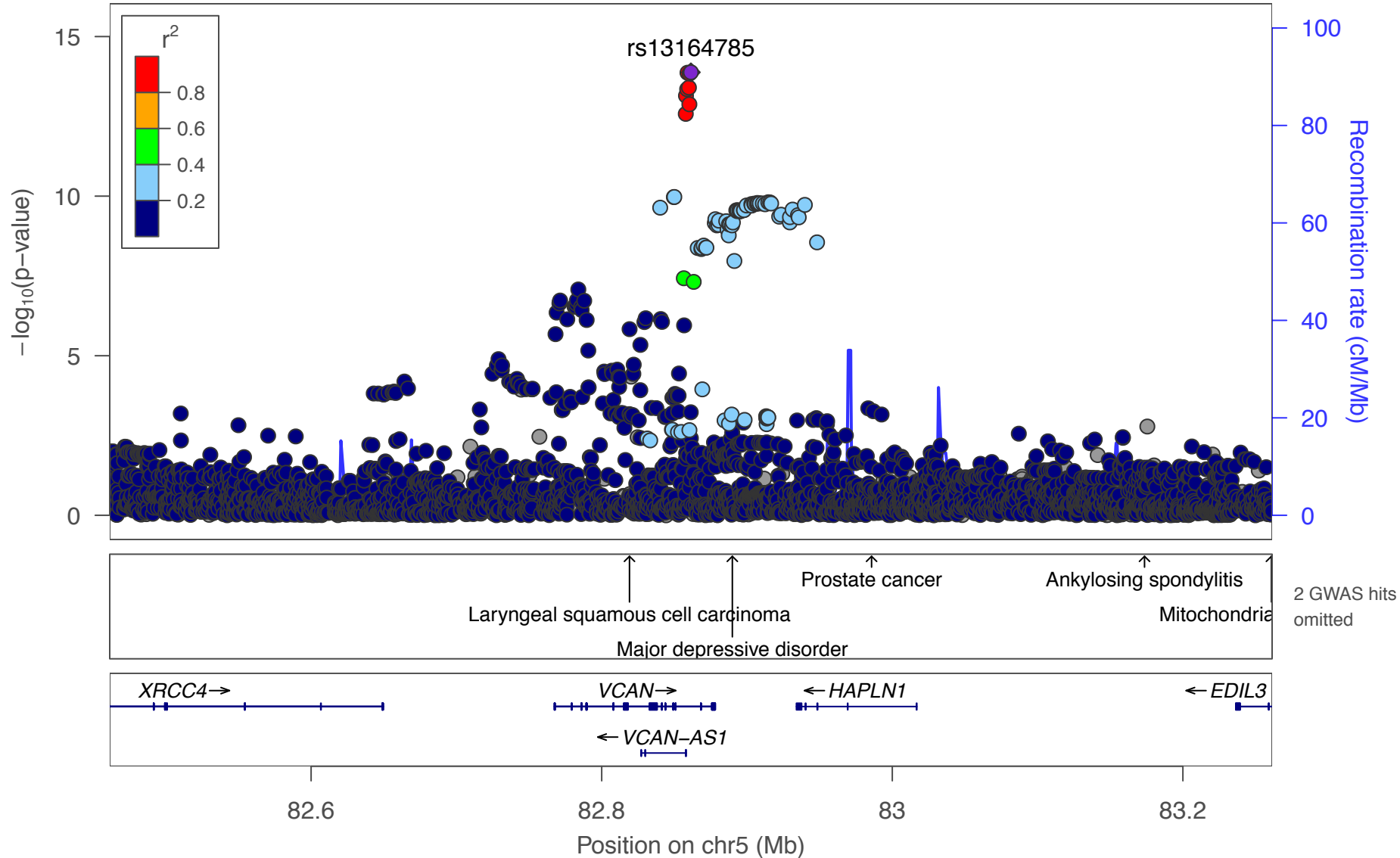
max P.value: 9.99E–1 [chr5:82874942]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_ptr_r



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.32E–14 [chr5:82861400]

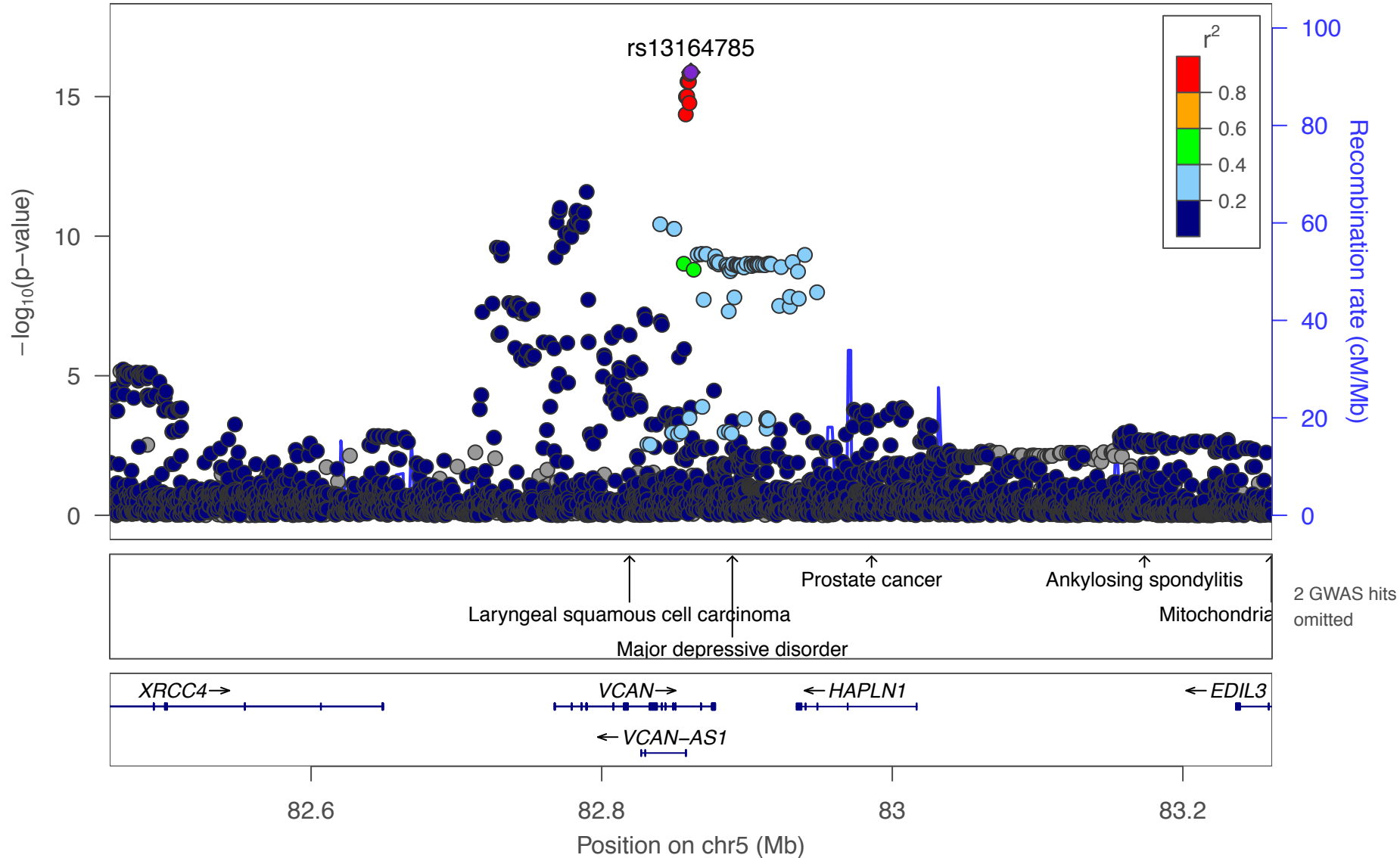
max P.value: 9.99E–1 [chr5:83184551]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_slf_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.35E–16 [chr5:82861400]

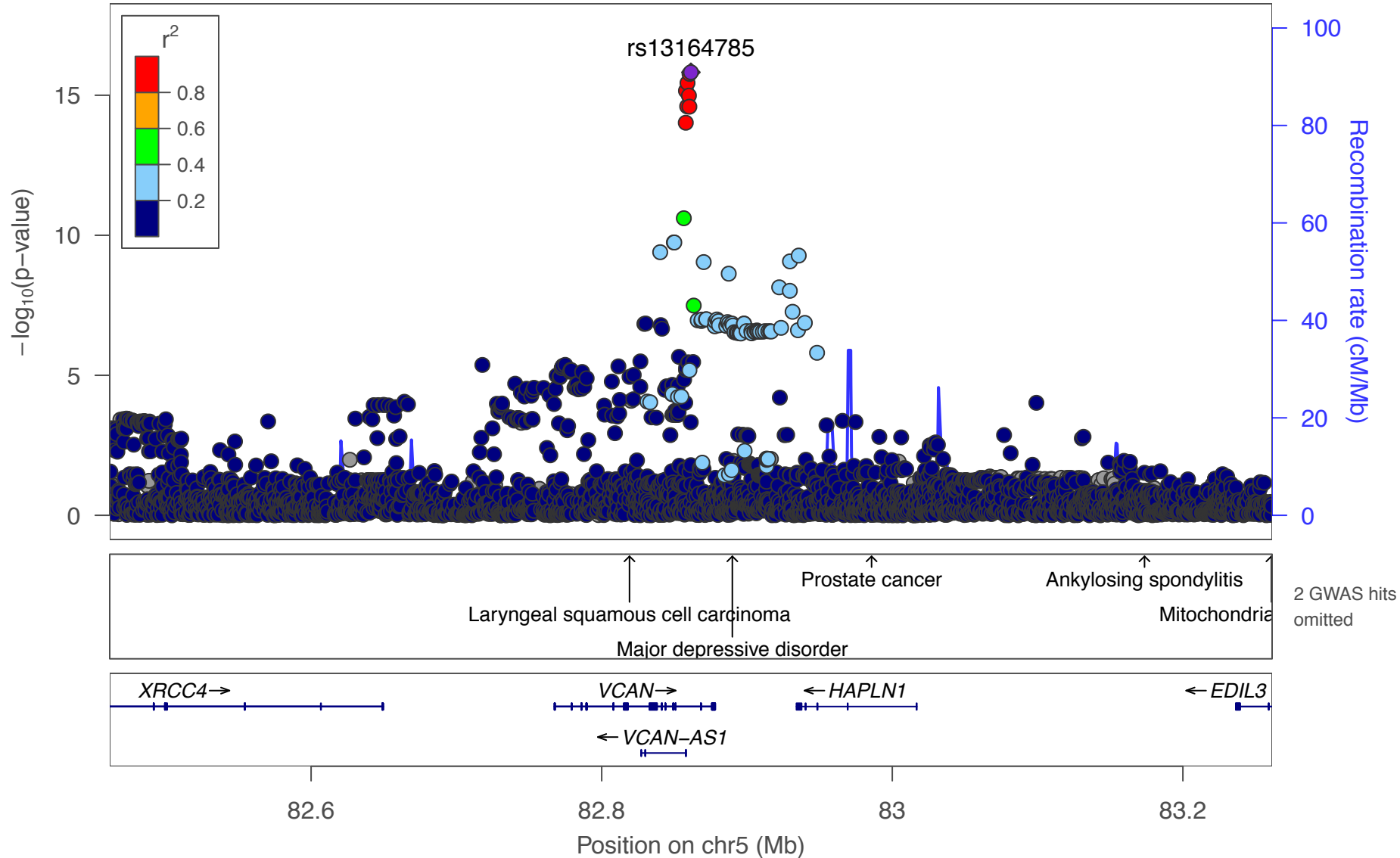
max P.value: 10E–1 [chr5:83080322]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_unc_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.51E–16 [chr5:82861400]

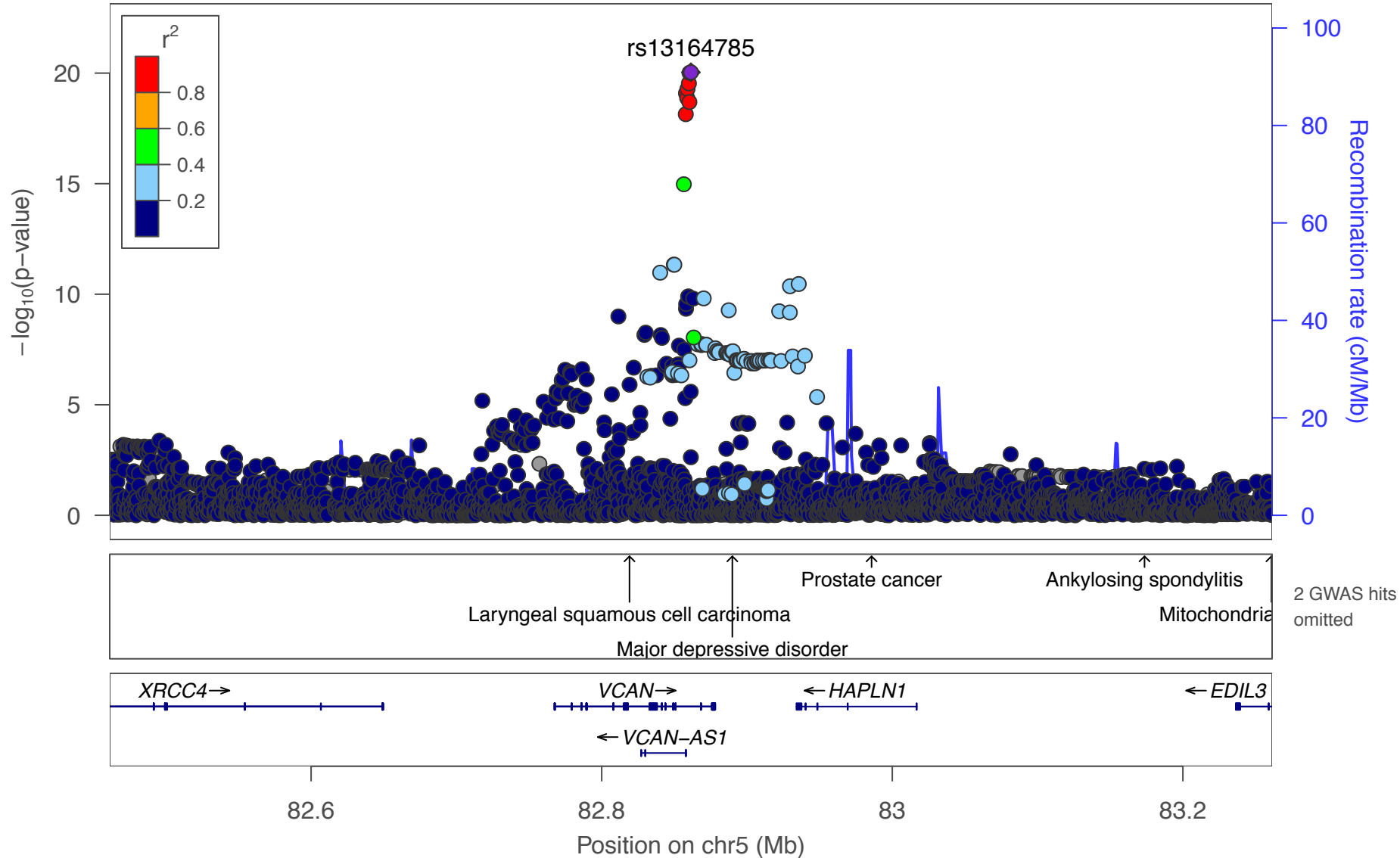
max P.value: 10E–1 [chr5:82730532]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_MD_unc_r



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 9.18E–21 [chr5:82861400]

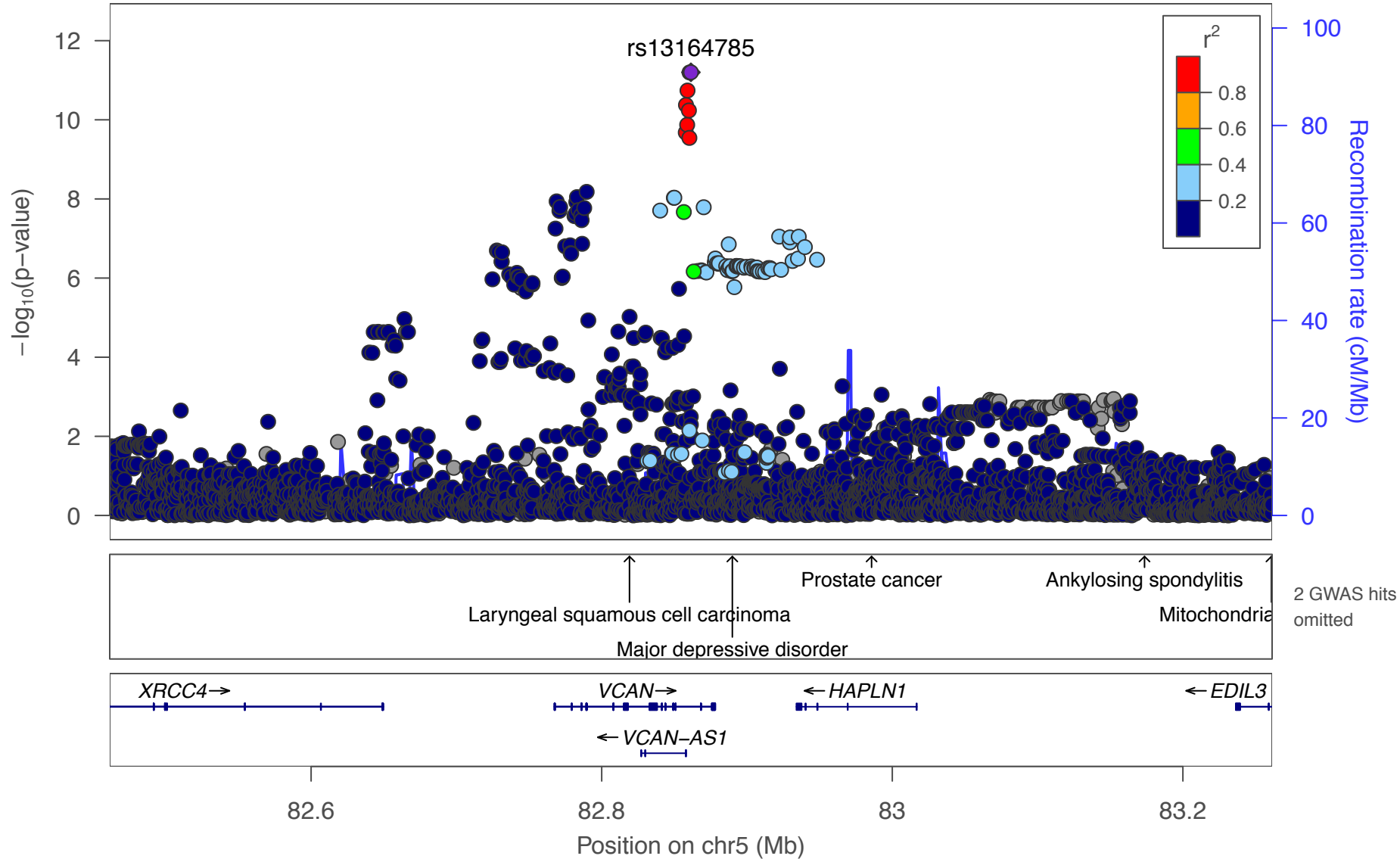
max P.value: 10E–1 [chr5:82733693]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L1_ifo_r



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 6.31E–12 [chr5:82861400]

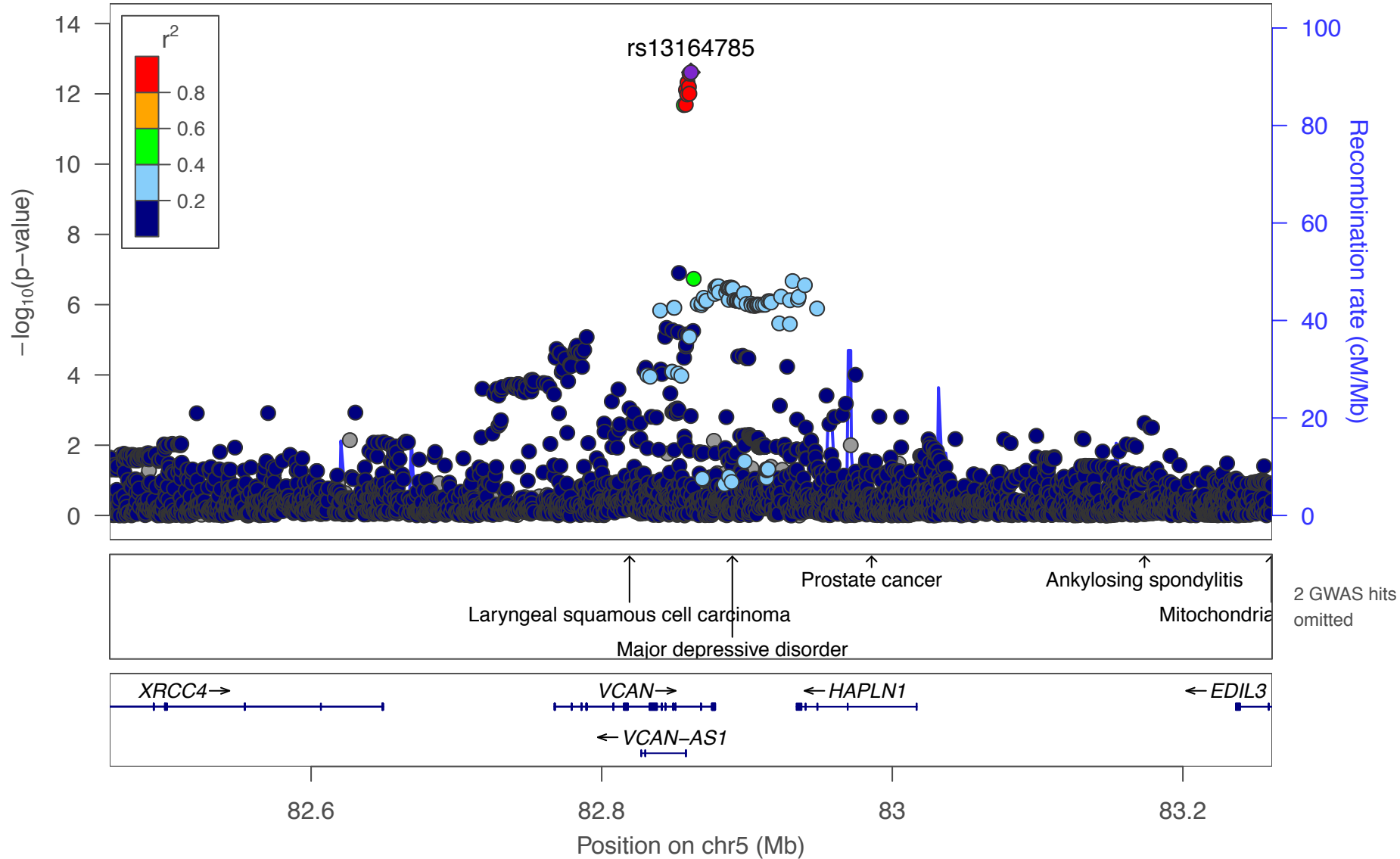
max P.value: 10E–1 [chr5:83231254]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L1_unc_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.44E–13 [chr5:82861400]

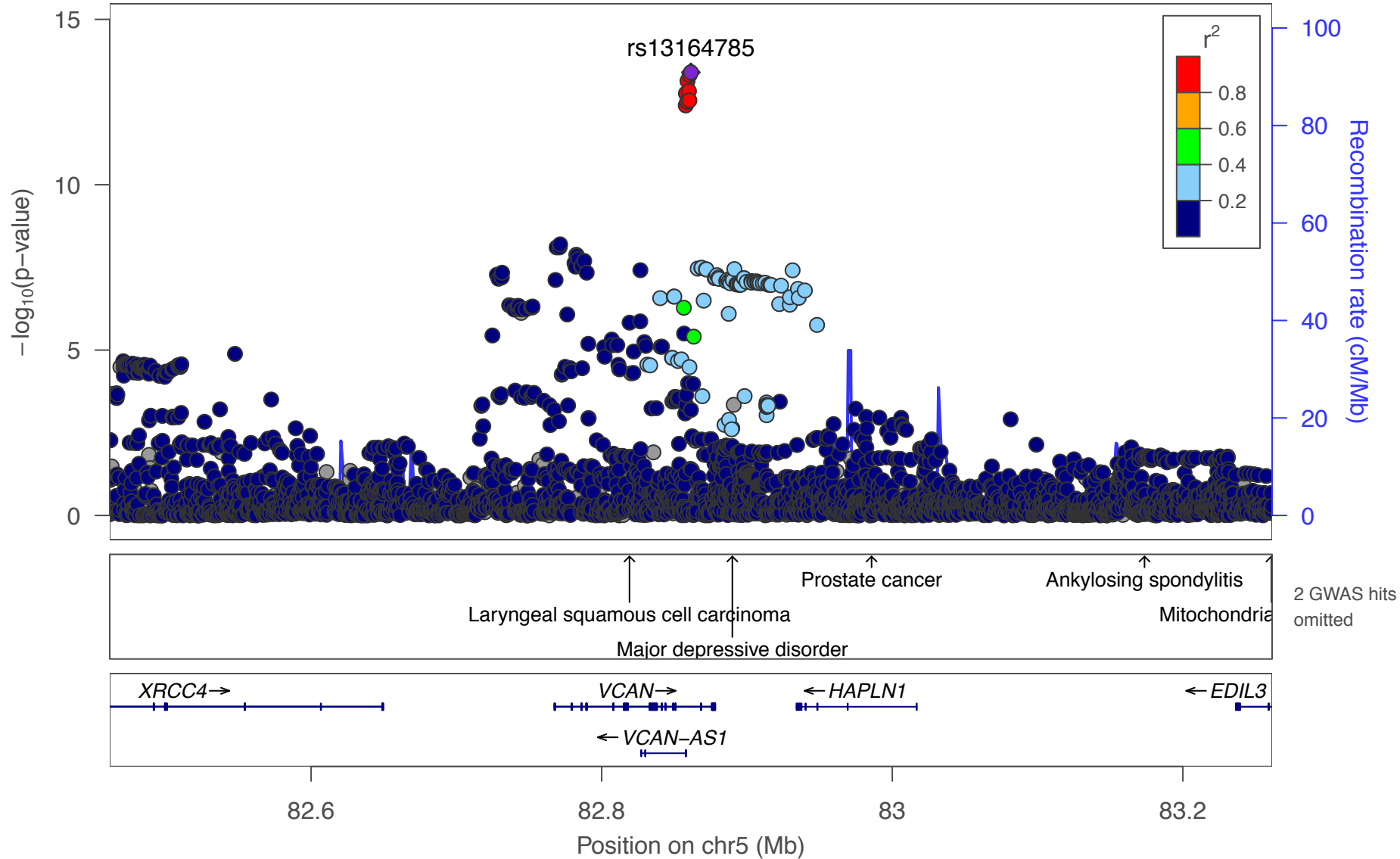
max P.value: 10E–1 [chr5:82471279]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L2_atr_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.99E–14 [chr5:82861400]

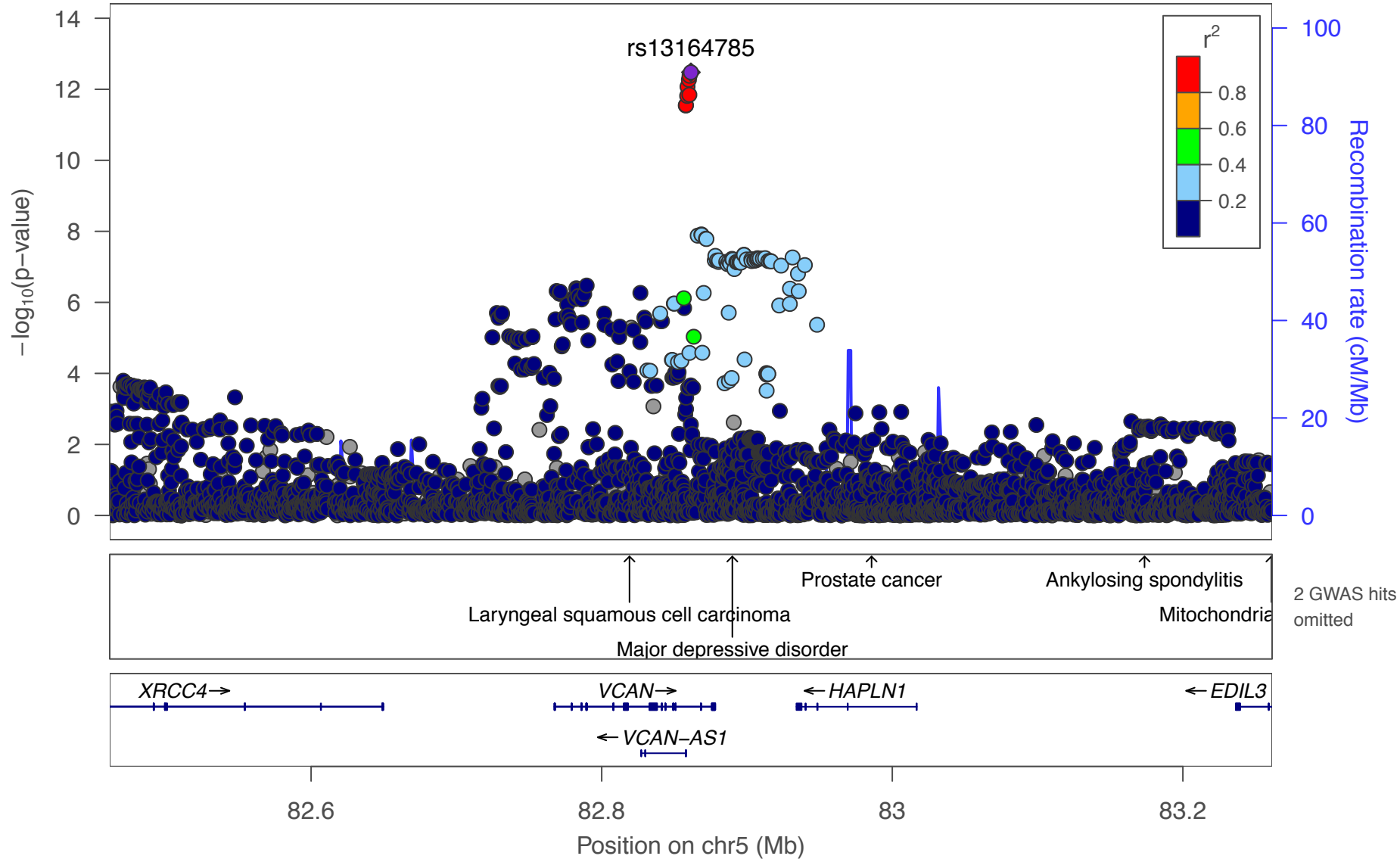
max P.value: 9.99E–1 [chr5:82634569]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L2_atr_r



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.33E–13 [chr5:82861400]

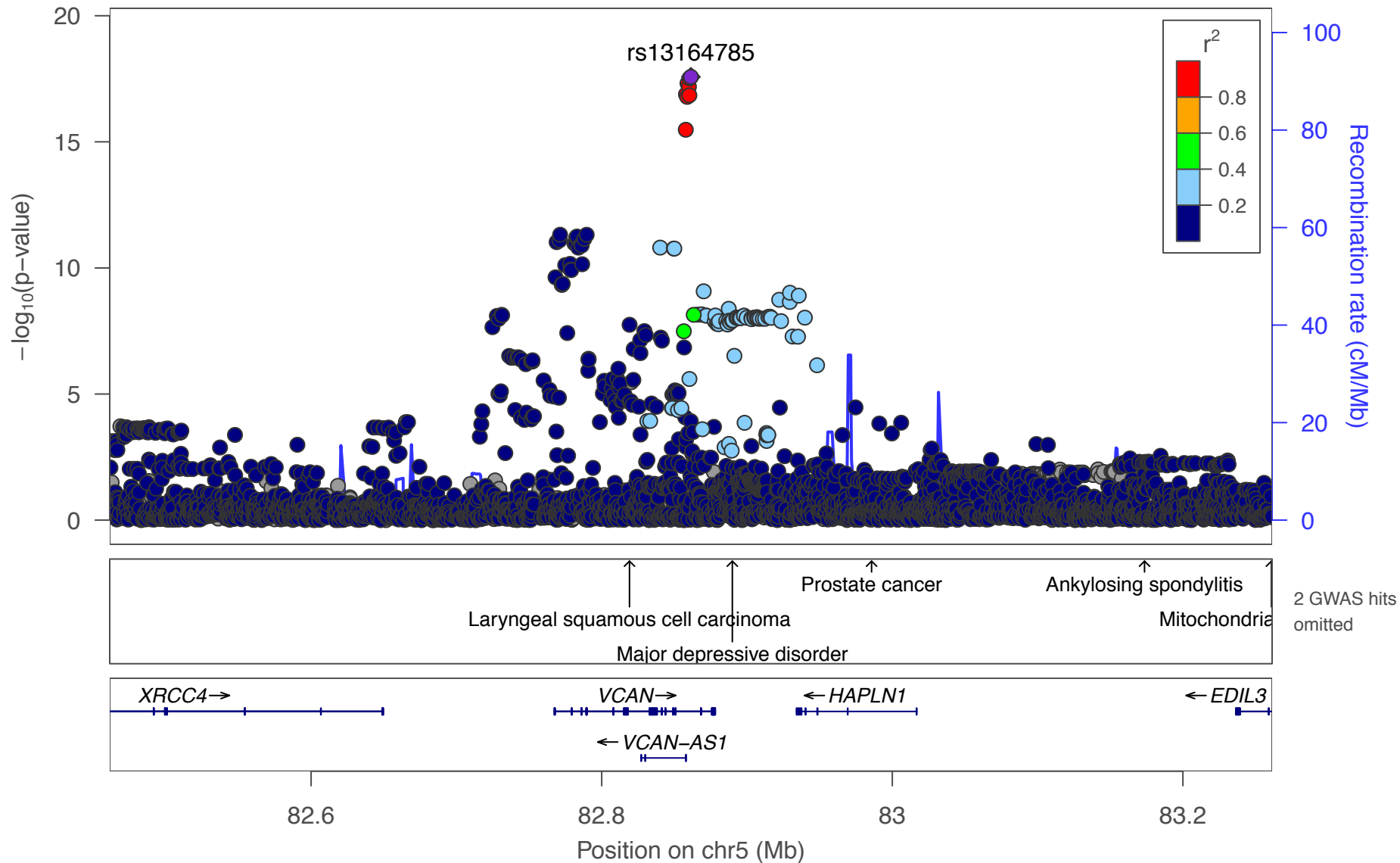
max P.value: 10E–1 [chr5:83167859]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L2_fmi



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.65E–18 [chr5:82861400]

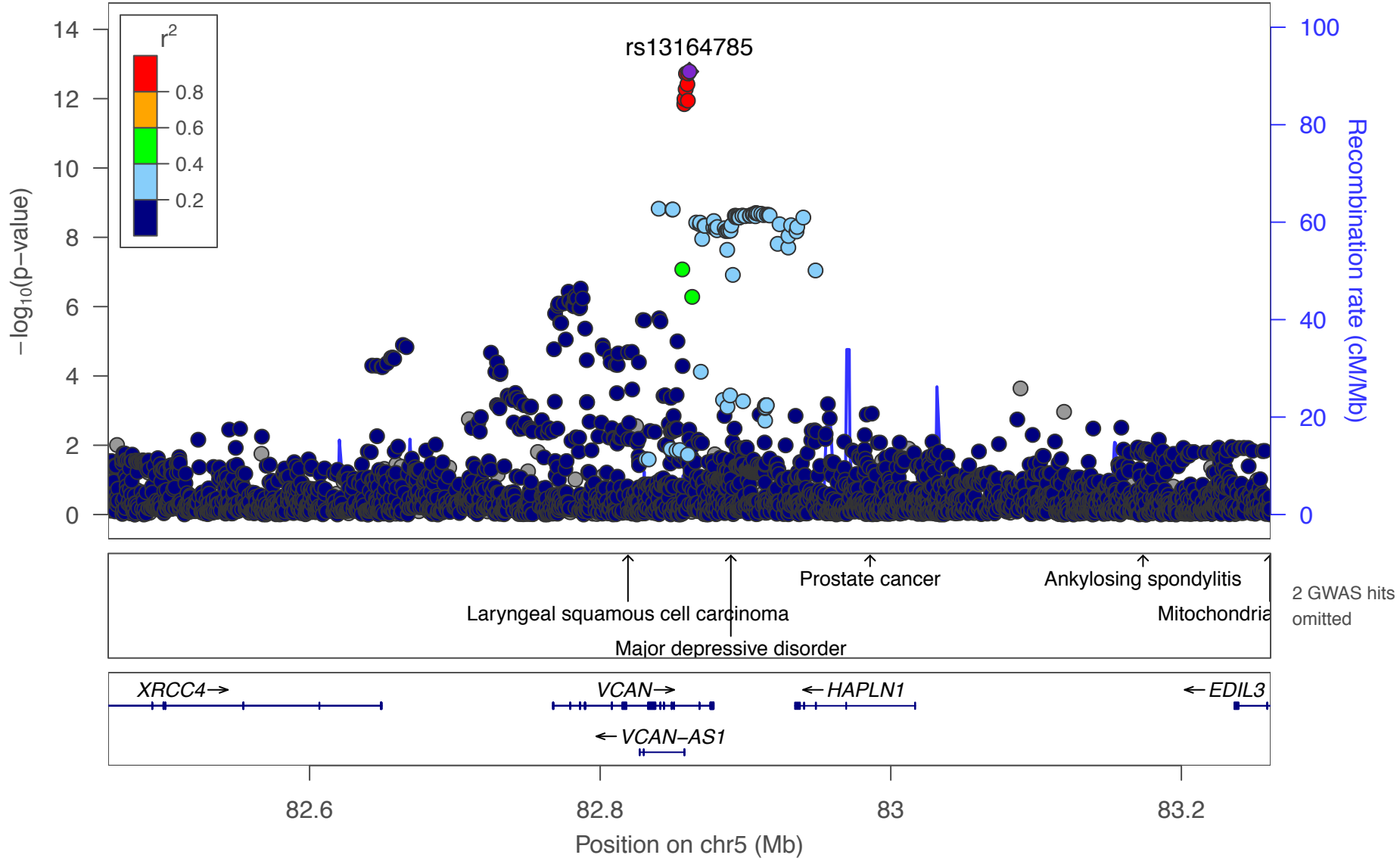
max P.value: 9.99E–1 [chr5:82676039]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L2_ptr_I



date: Thu Aug 17 17:58:11 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.65E–13 [chr5:82861400]

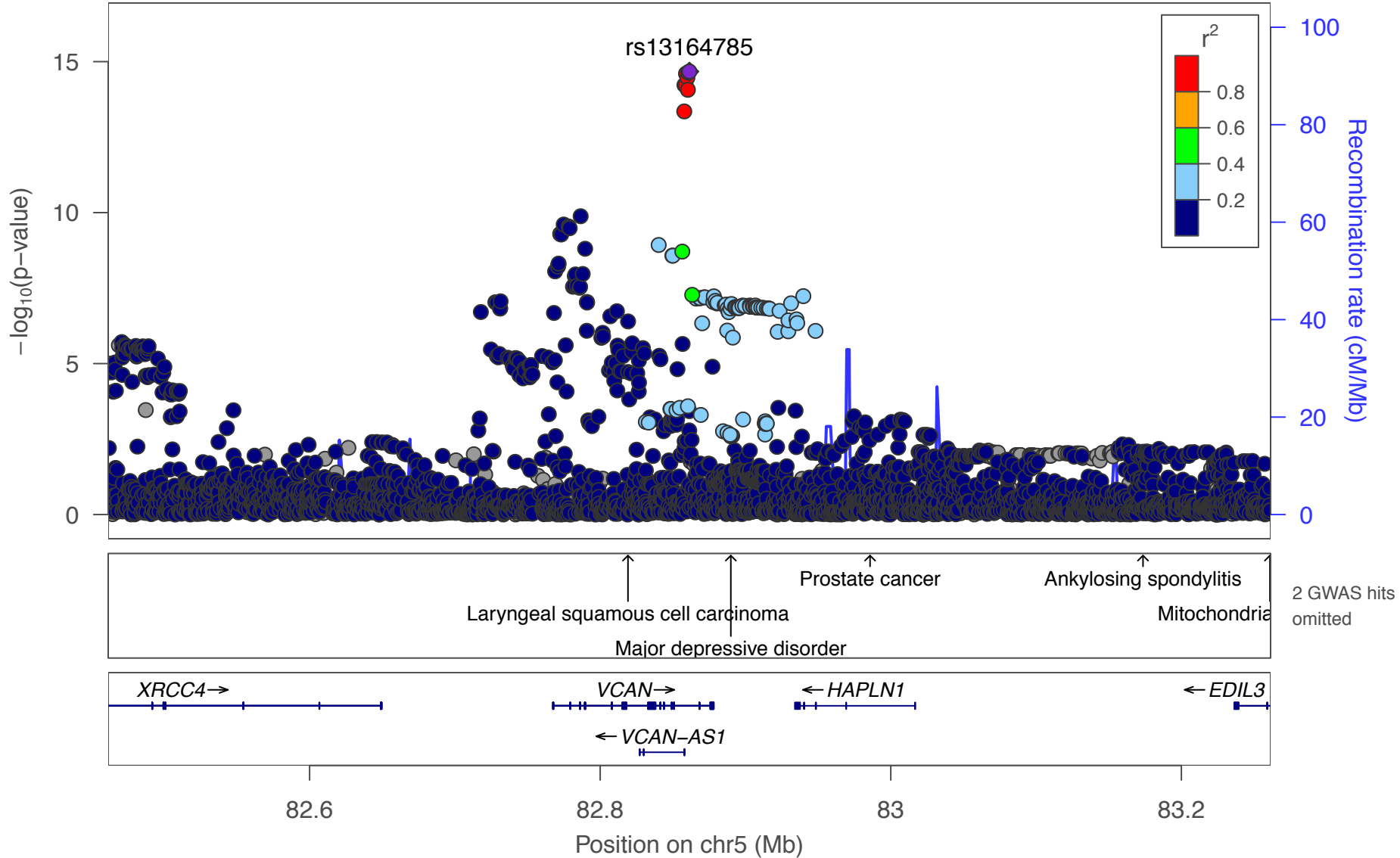
max P.value: 10E–1 [chr5:83118236]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L2_slf_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.13E–15 [chr5:82861400]

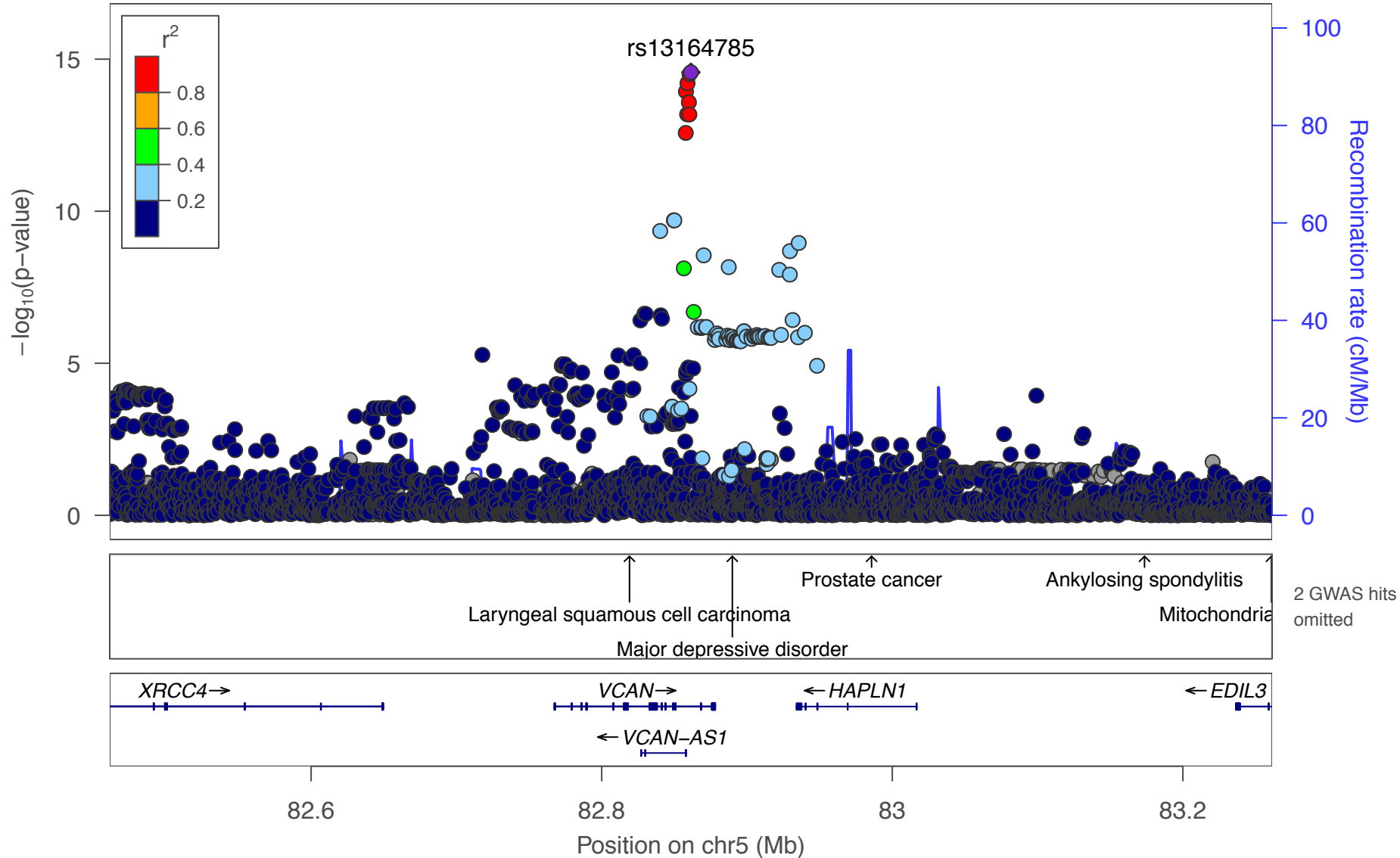
max P.value: 9.99E–1 [chr5:83022127]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L2_unc_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.7E–15 [chr5:82861400]

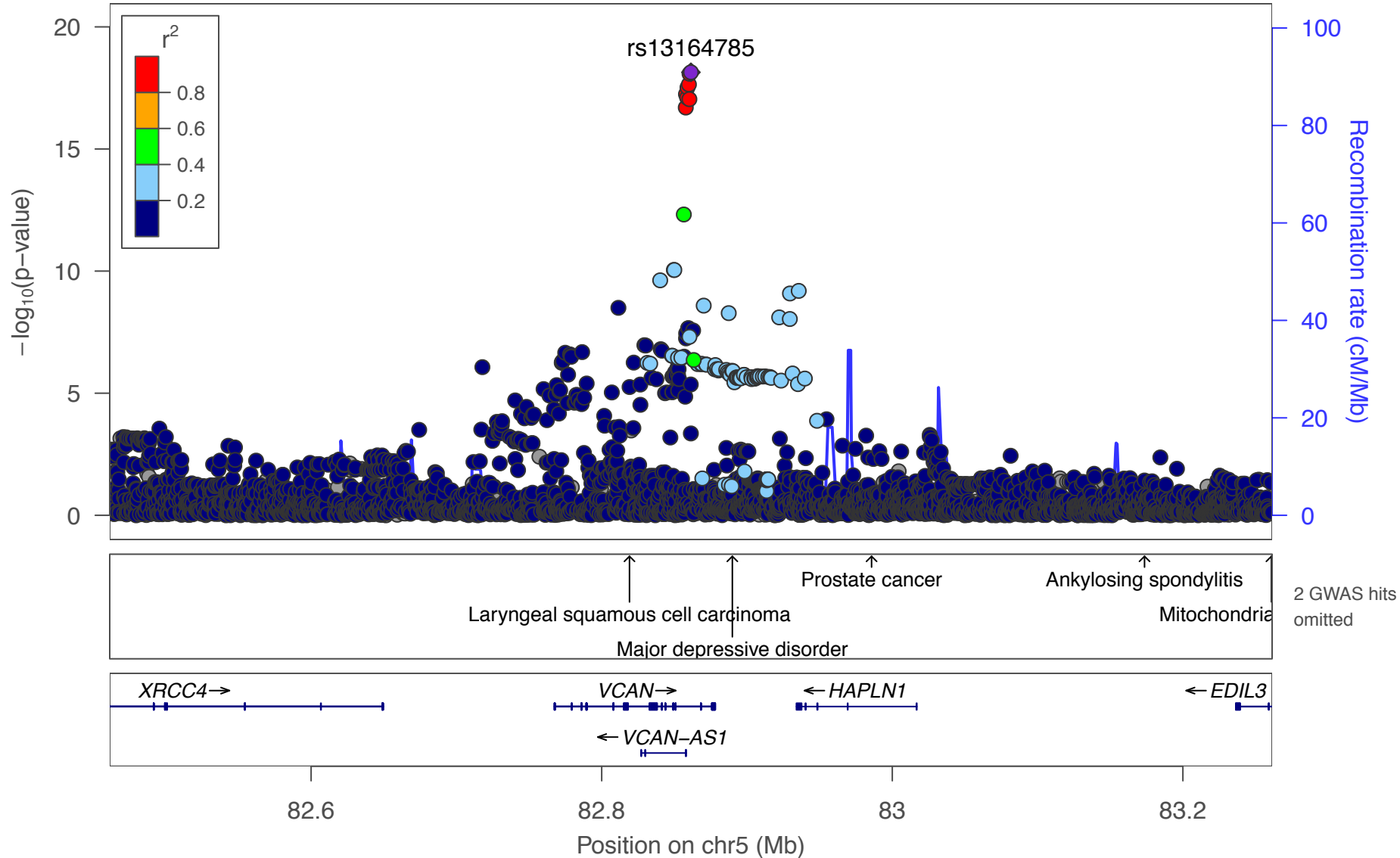
max P.value: 9.99E–1 [chr5:82941836]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L2_unc_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 7.24E–19 [chr5:82861400]

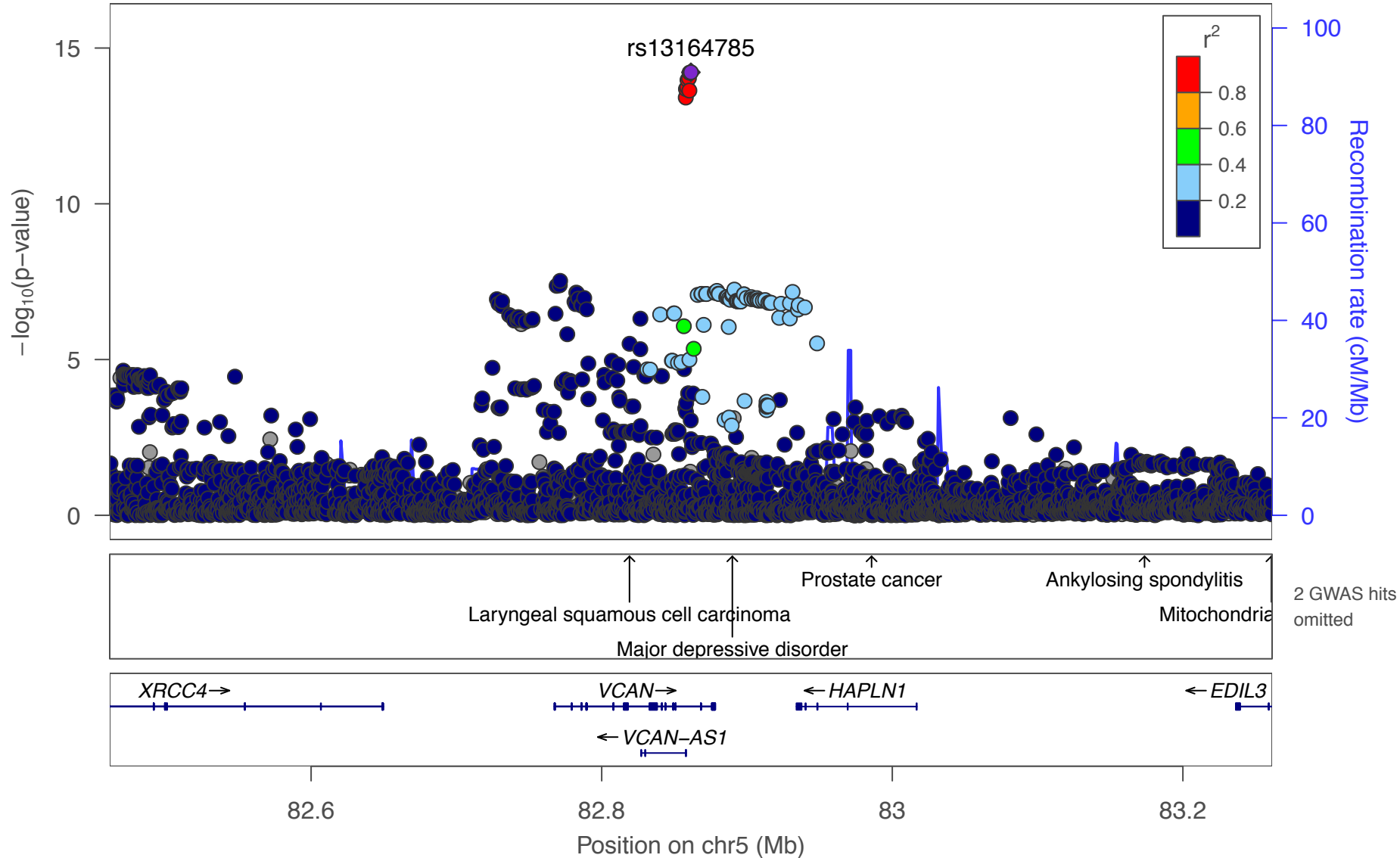
max P.value: 10E–1 [chr5:82594107]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L3_atr_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 6.01E–15 [chr5:82861400]

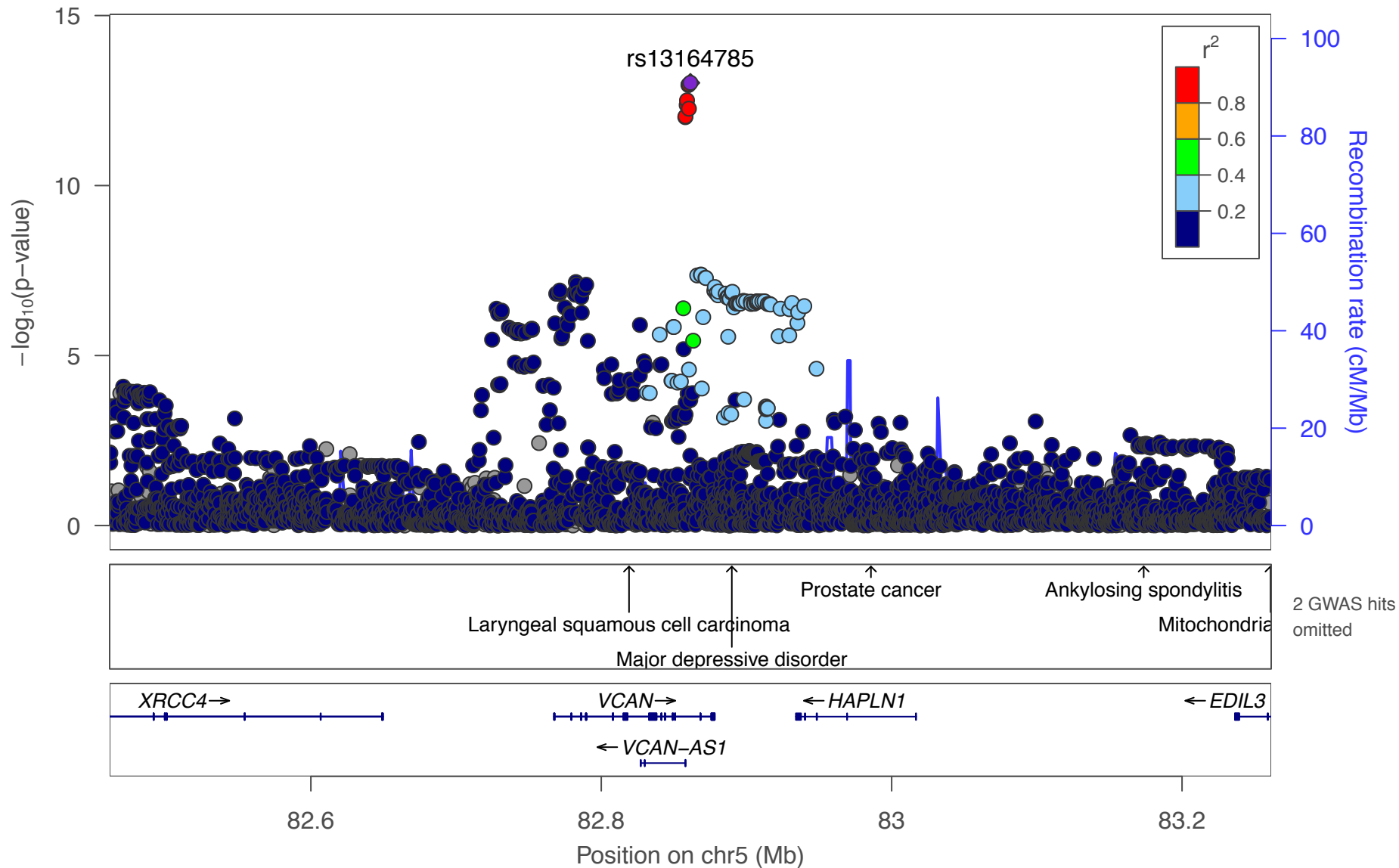
max P.value: 10E–1 [chr5:82974532]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L3_atr_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 9.53E–14 [chr5:82861400]

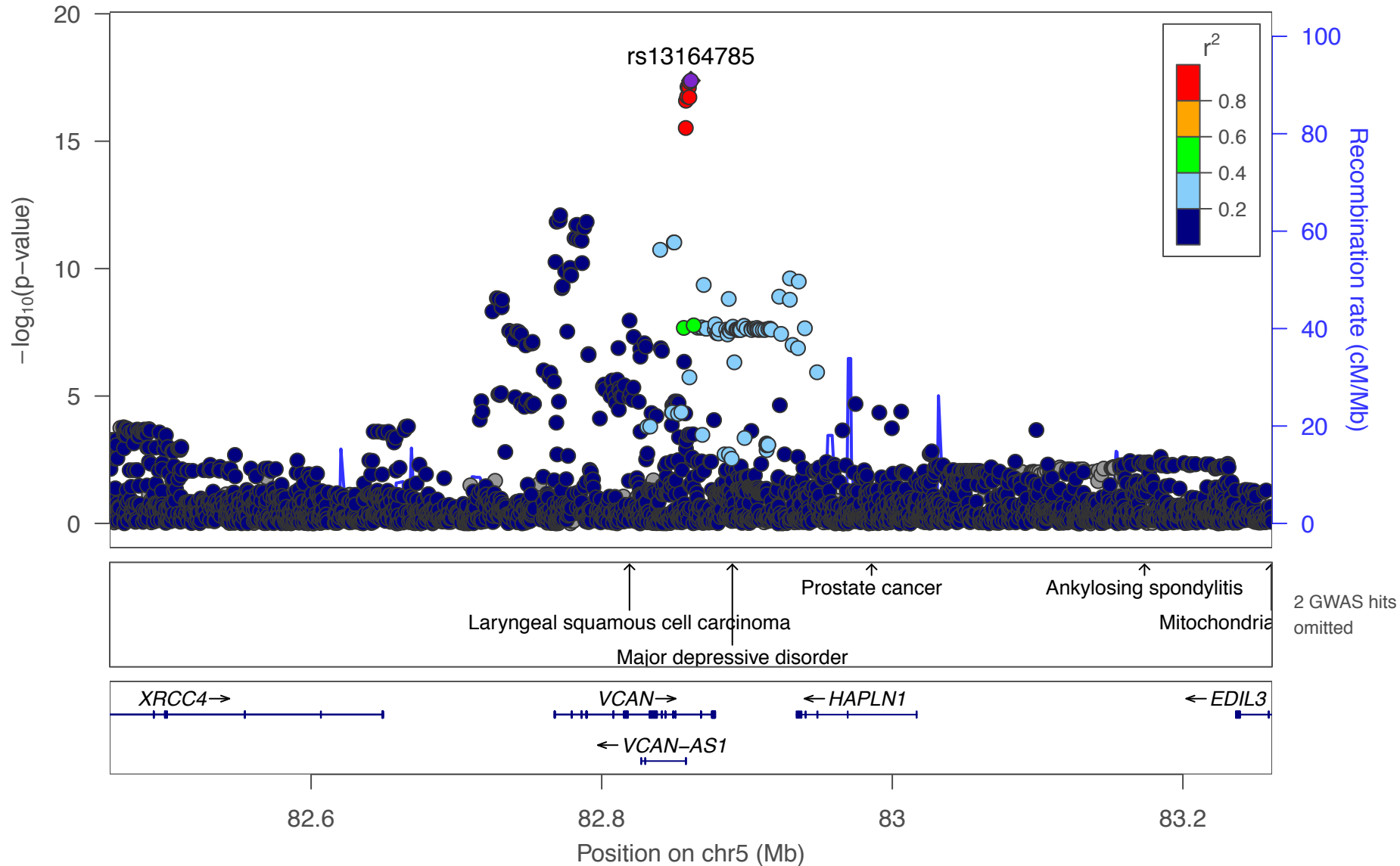
max P.value: 10E–1 [chr5:82706652]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L3_fmi



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.18E–18 [chr5:82861400]

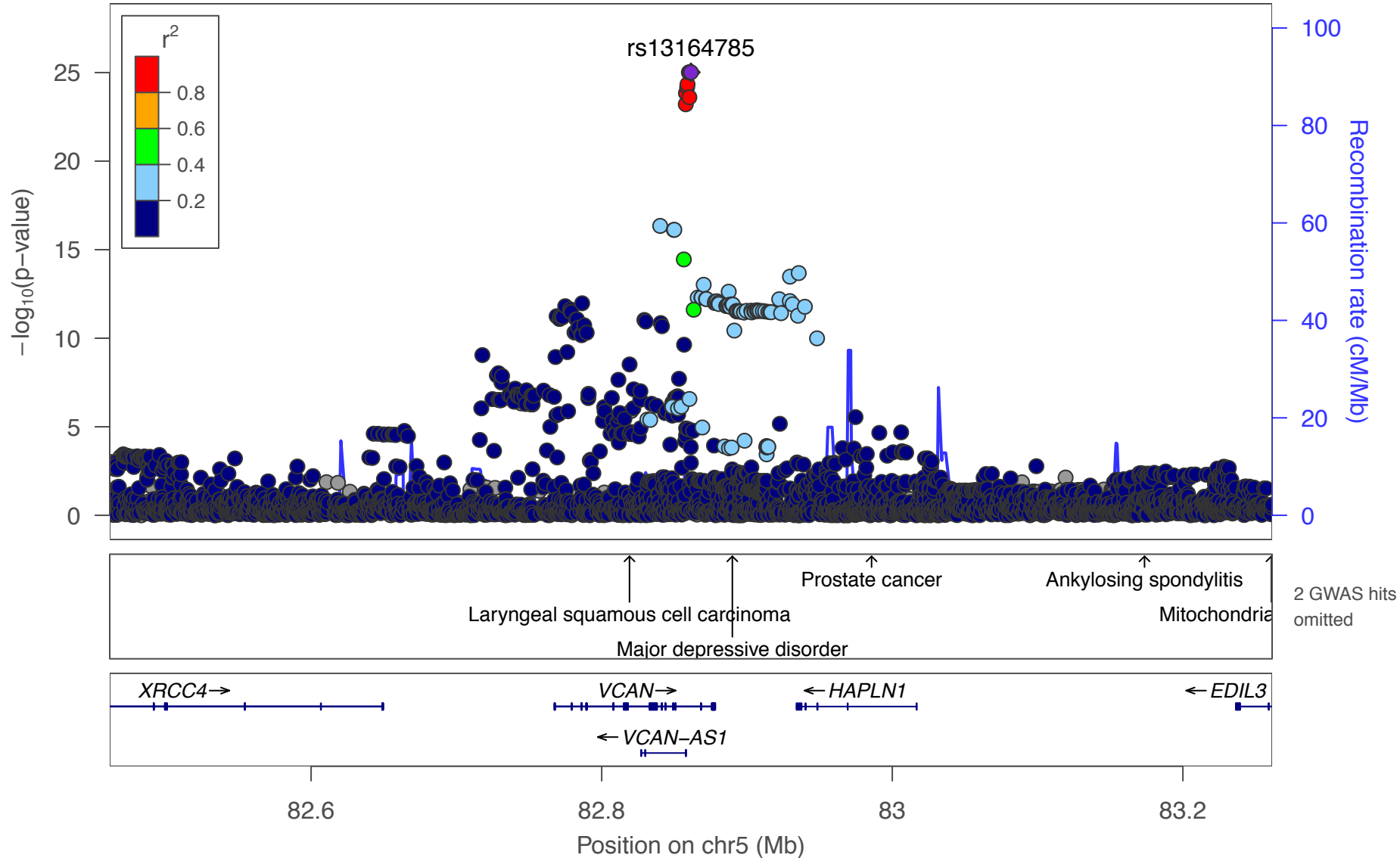
max P.value: 9.98E–1 [chr5:82601623]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L3_ifo_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 9.64E–26 [chr5:82861400]

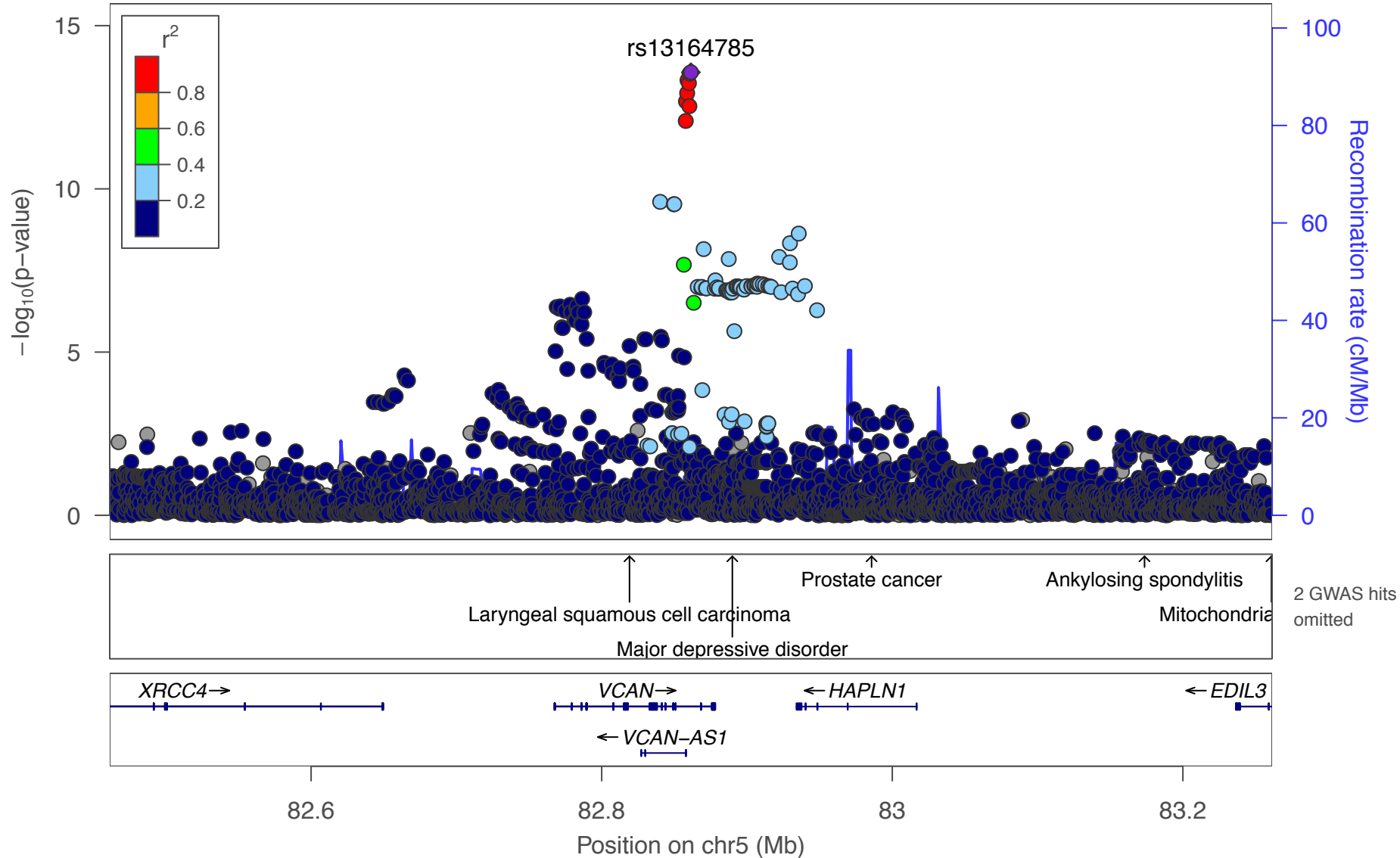
max P.value: 10E–1 [chr5:83215254]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L3_ptr_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.69E–14 [chr5:82861400]

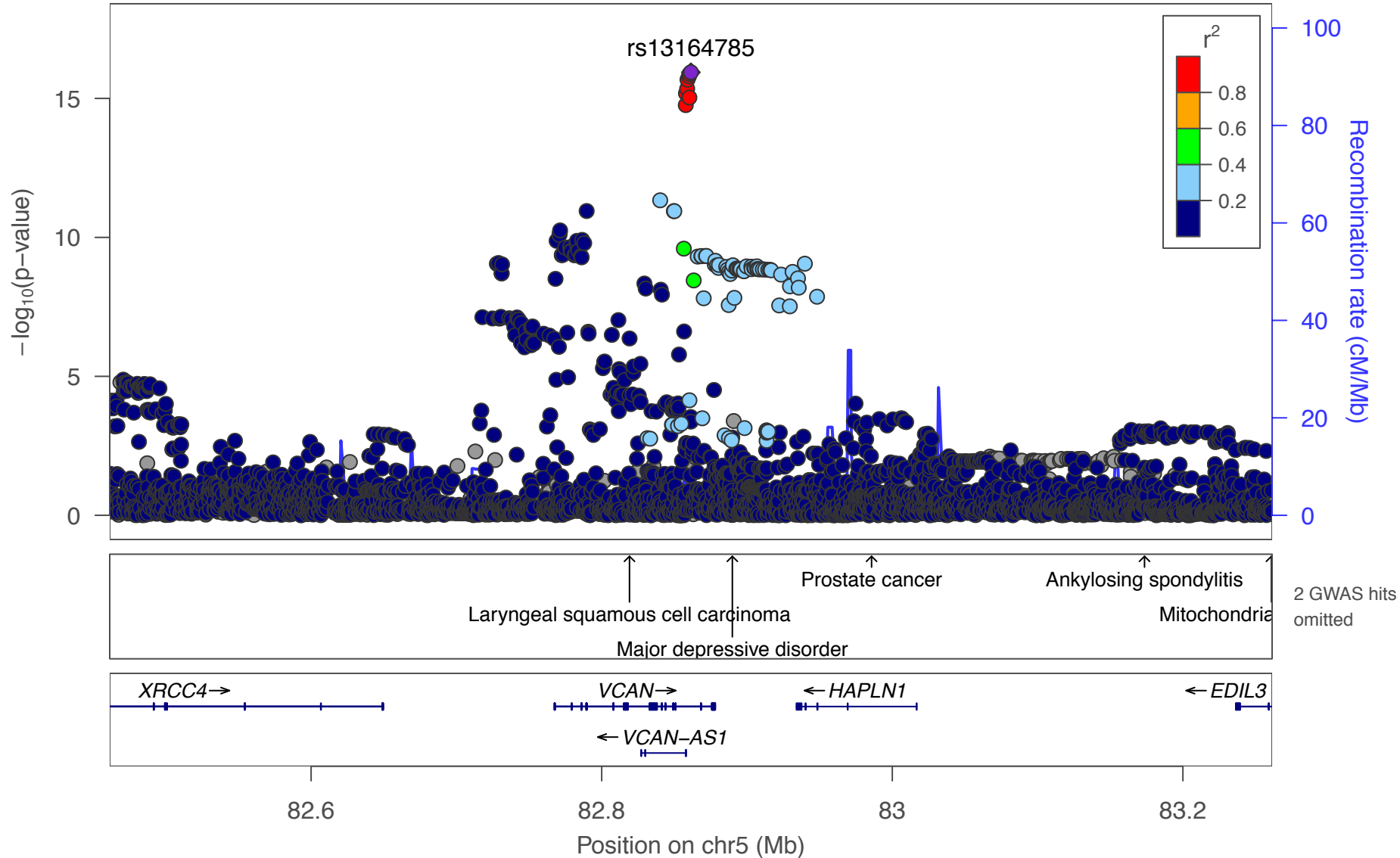
max P.value: 10E–1 [chr5:83012450]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L3_slf_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.15E–16 [chr5:82861400]

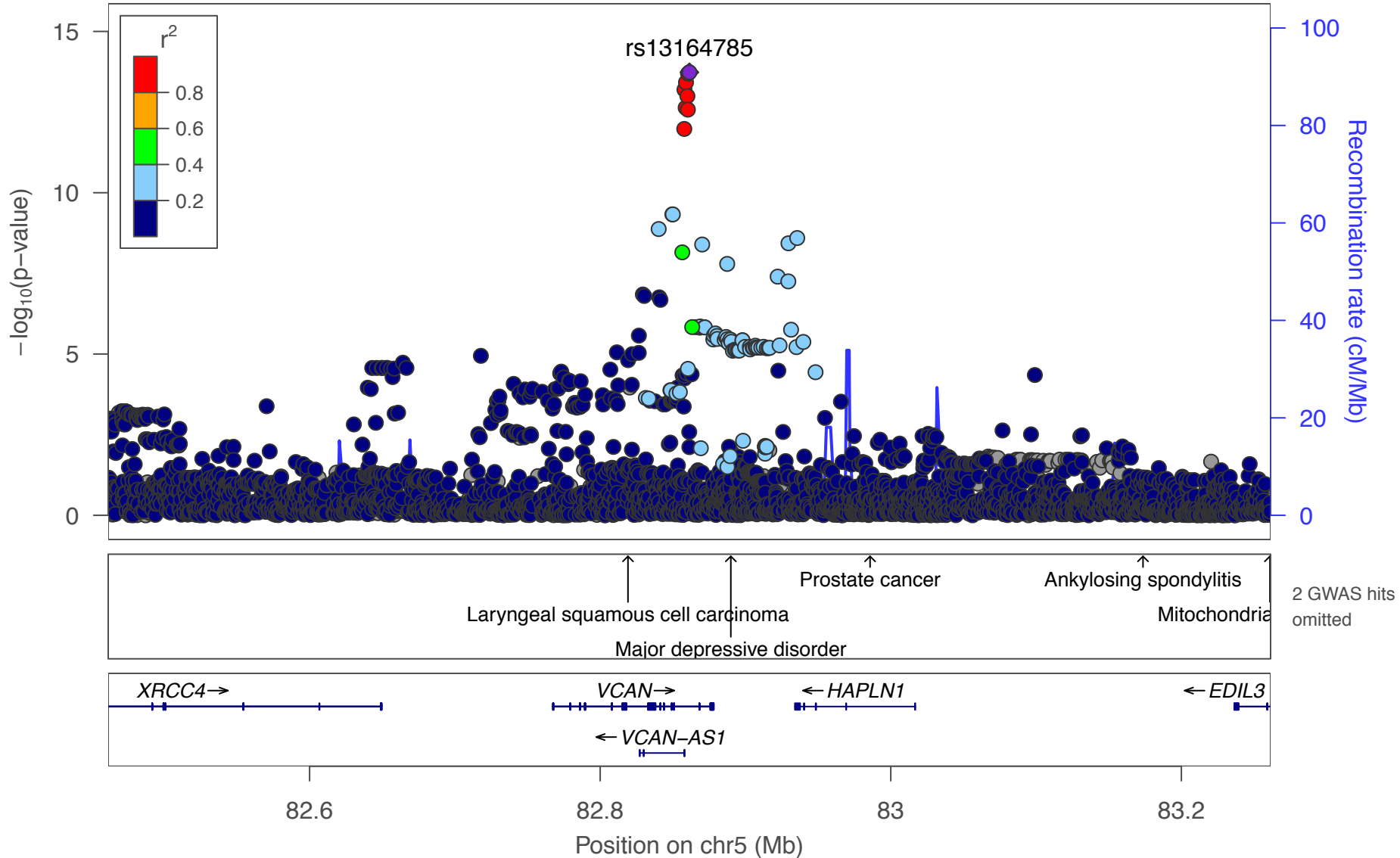
max P.value: 9.99E–1 [chr5:82834009]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_L3_unc_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.85E–14 [chr5:82861400]

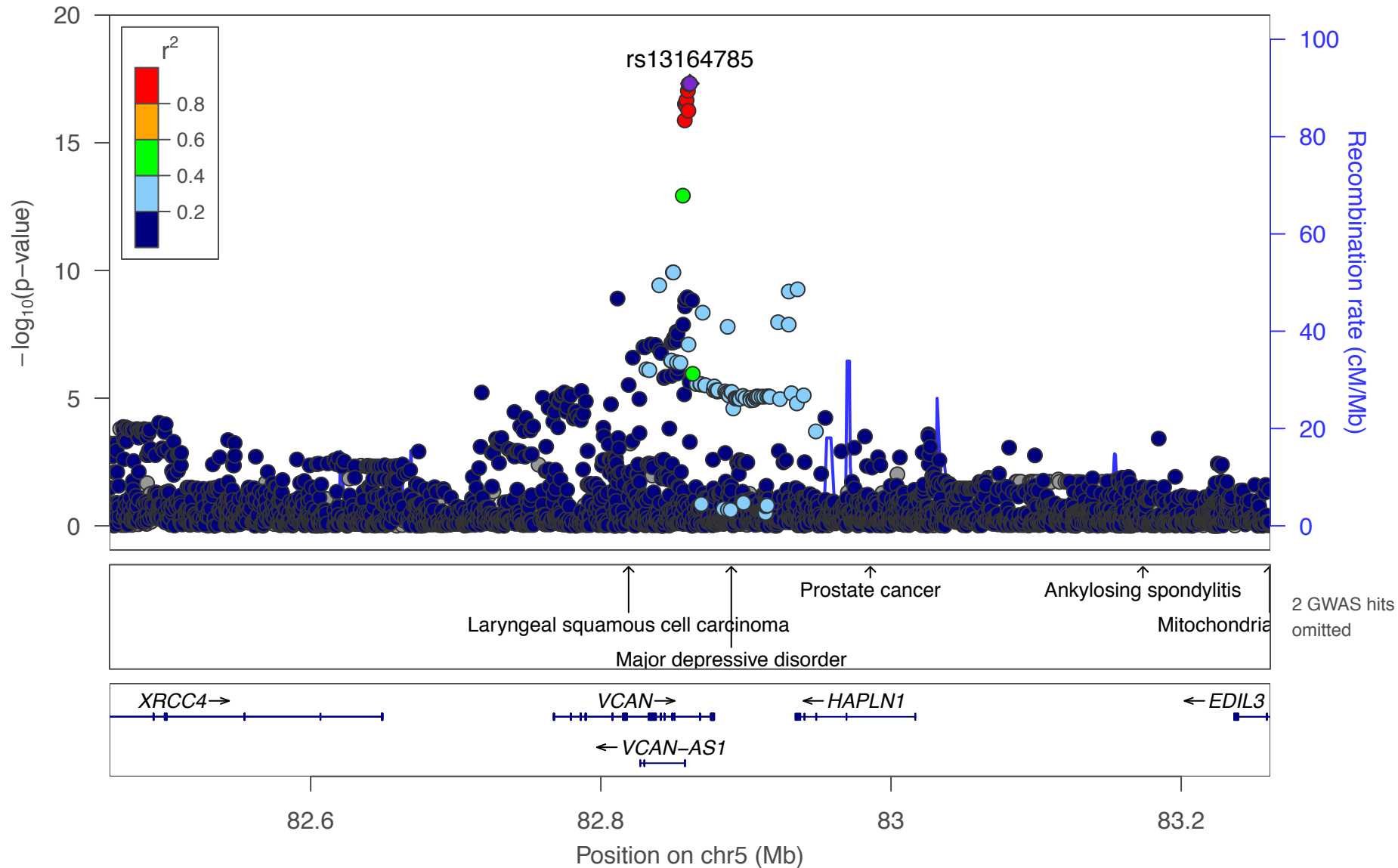
max P.value: 10E–1 [chr5:82526953]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProtrackX_L3_unc_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.79E–18 [chr5:82861400]

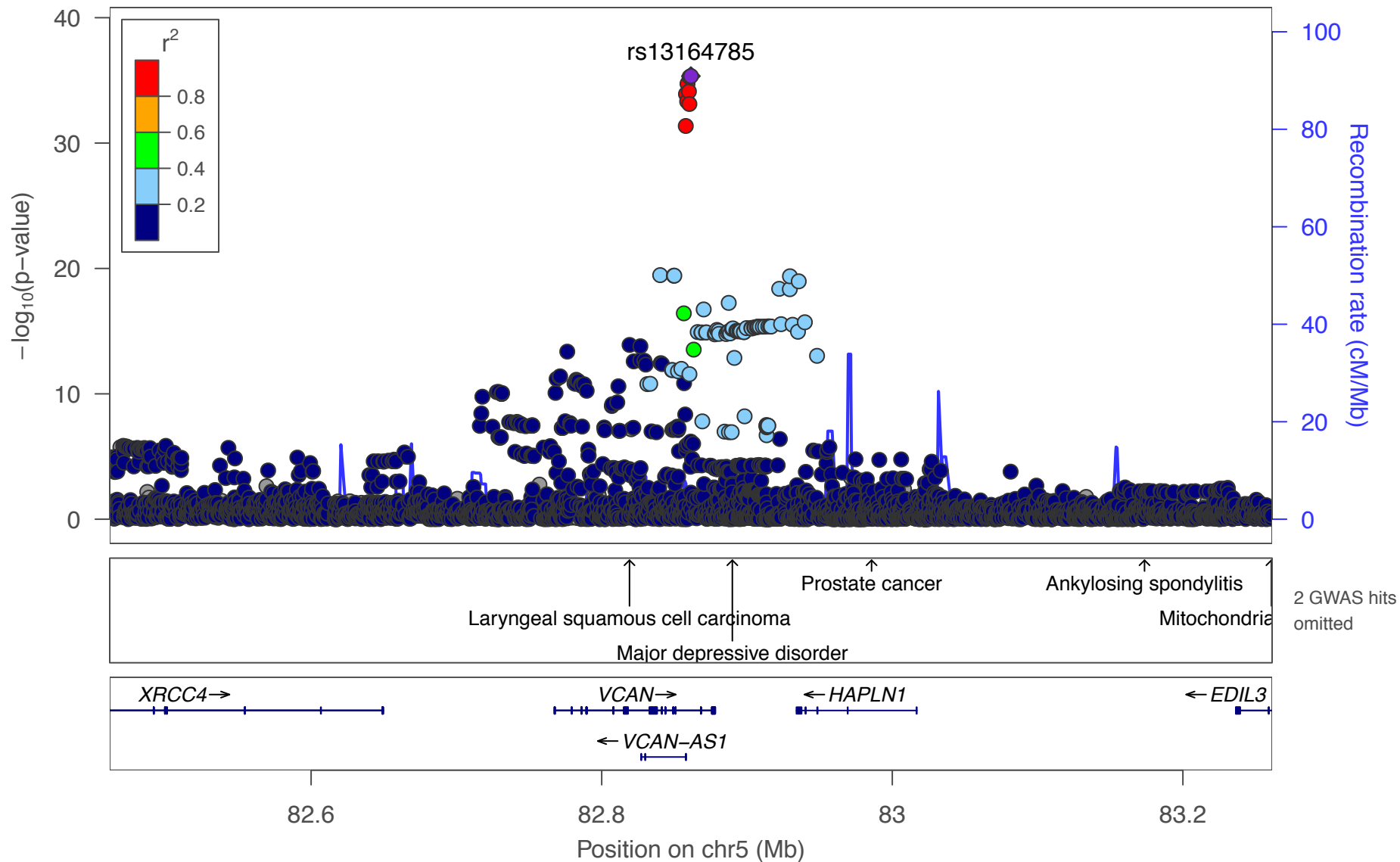
max P.value: 9.99E–1 [chr5:82782892]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_ar_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.55E–36 [chr5:82861400]

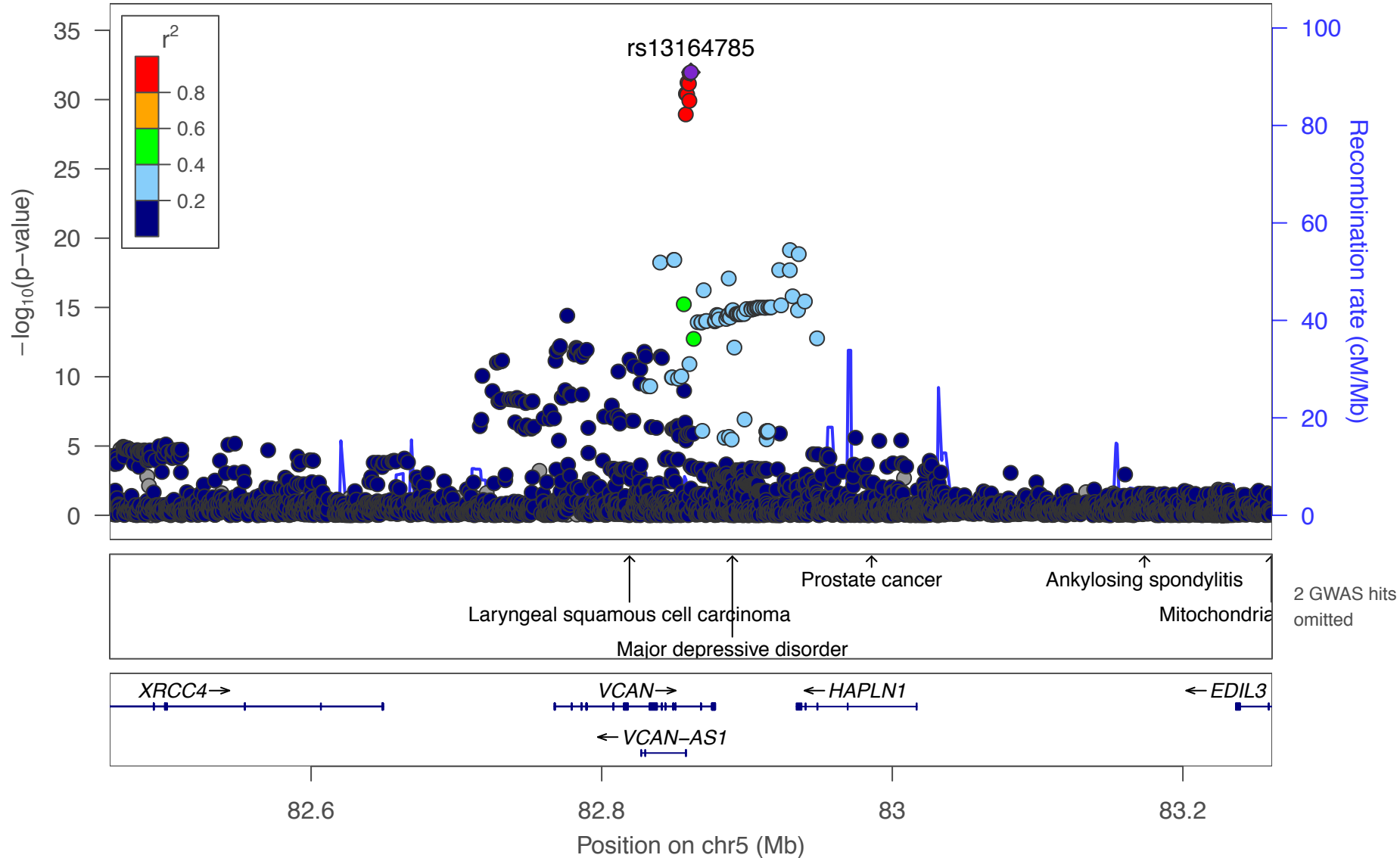
max P.value: 9.99E–1 [chr5:83165588]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_ar_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.07E–32 [chr5:82861400]

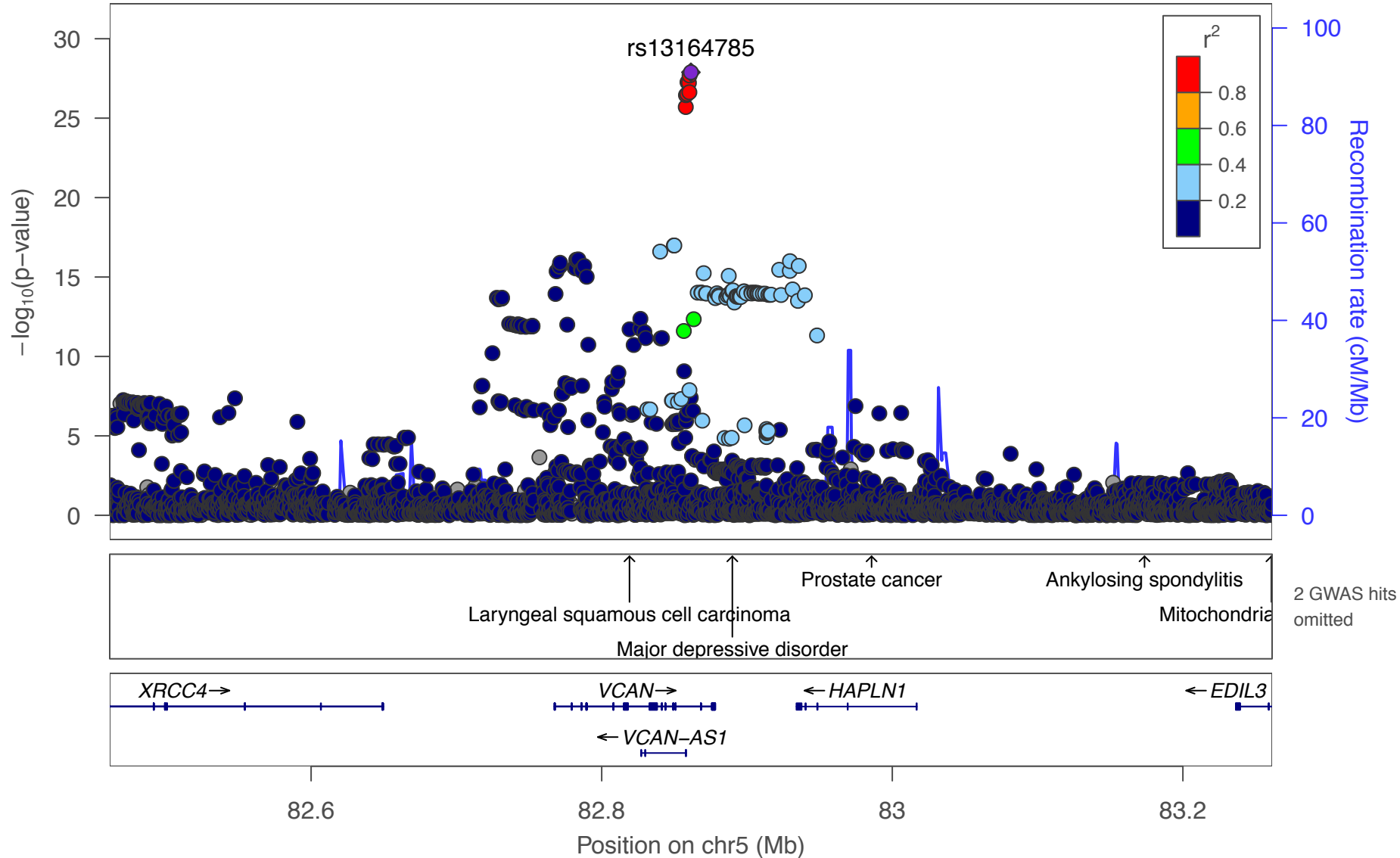
max P.value: 10E–1 [chr5:83227145]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_atr_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.3E–28 [chr5:82861400]

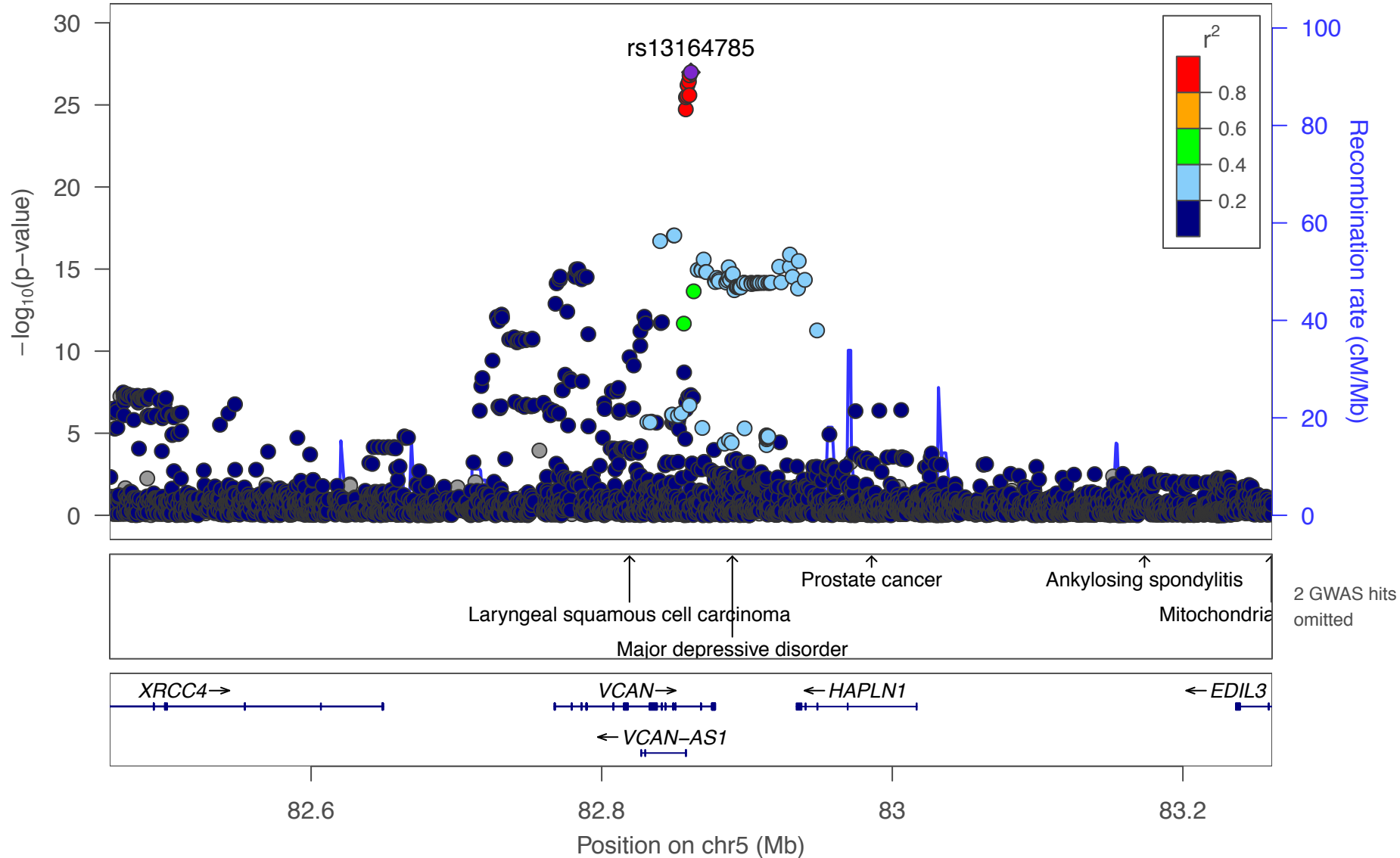
max P.value: 9.99E–1 [chr5:82791833]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_atr_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.03E–27 [chr5:82861400]

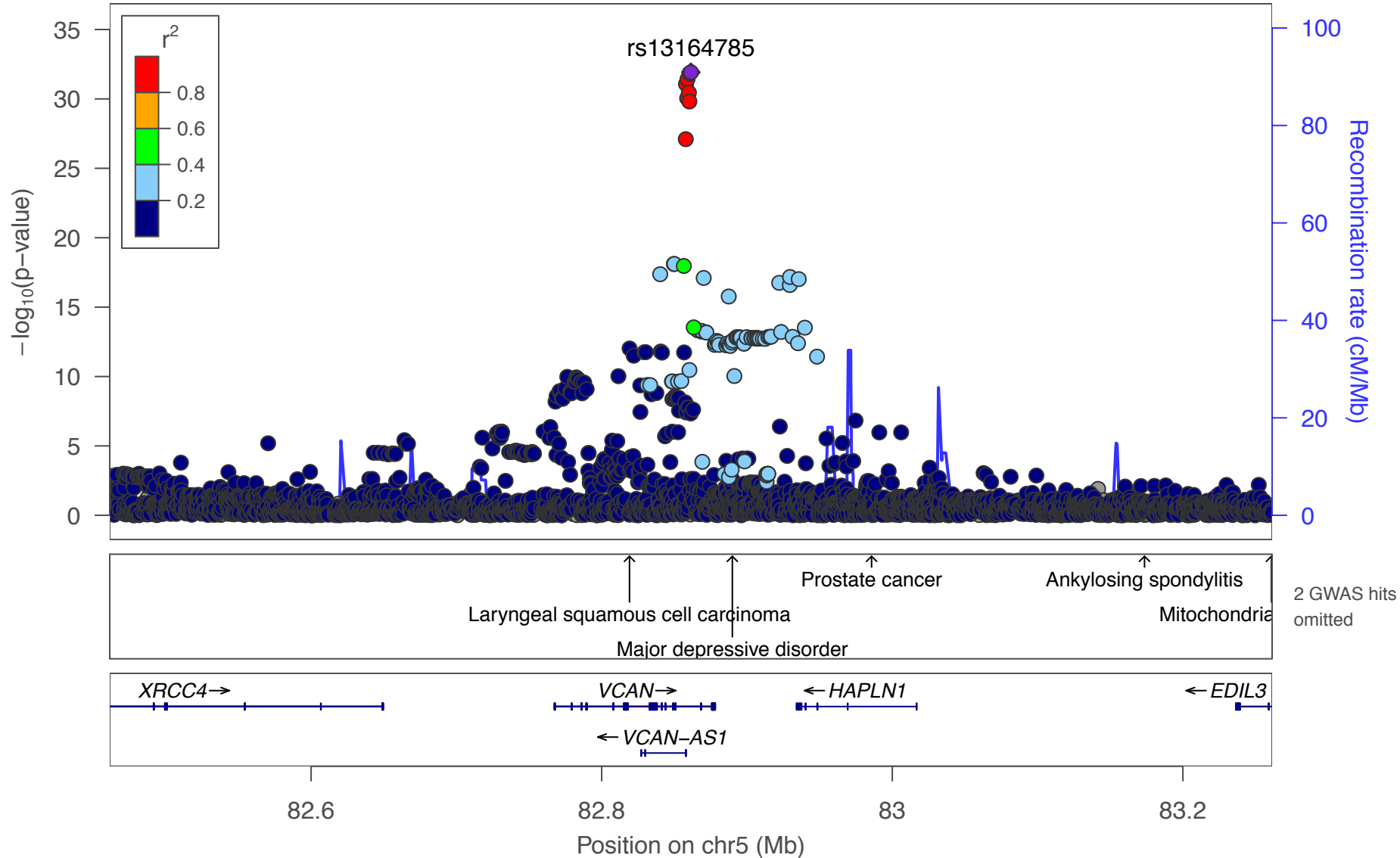
max P.value: 9.99E–1 [chr5:83159644]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_cgh_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.21E–32 [chr5:82861400]

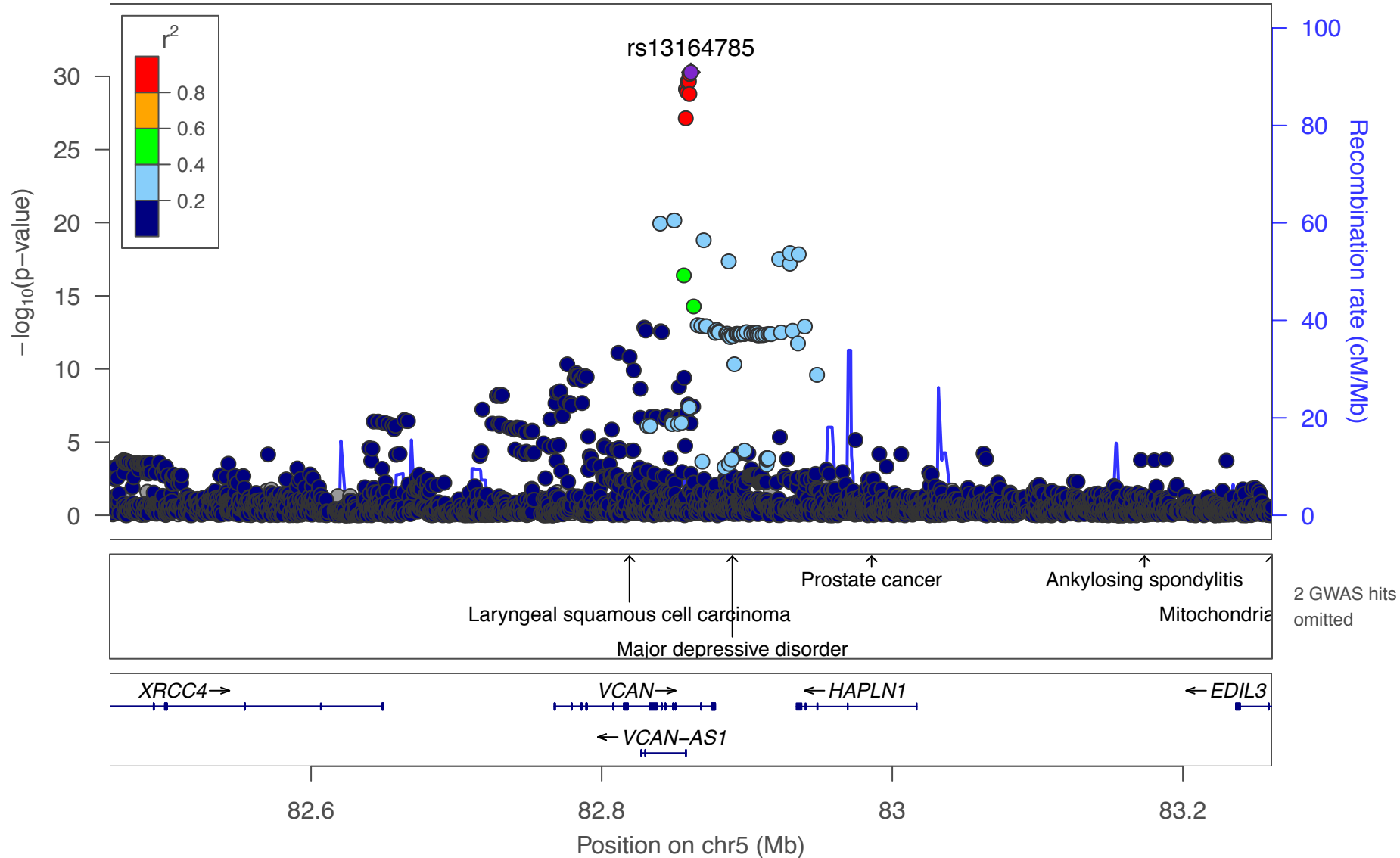
max P.value: 10E–1 [chr5:82951885]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_cgh_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 5.25E–31 [chr5:82861400]

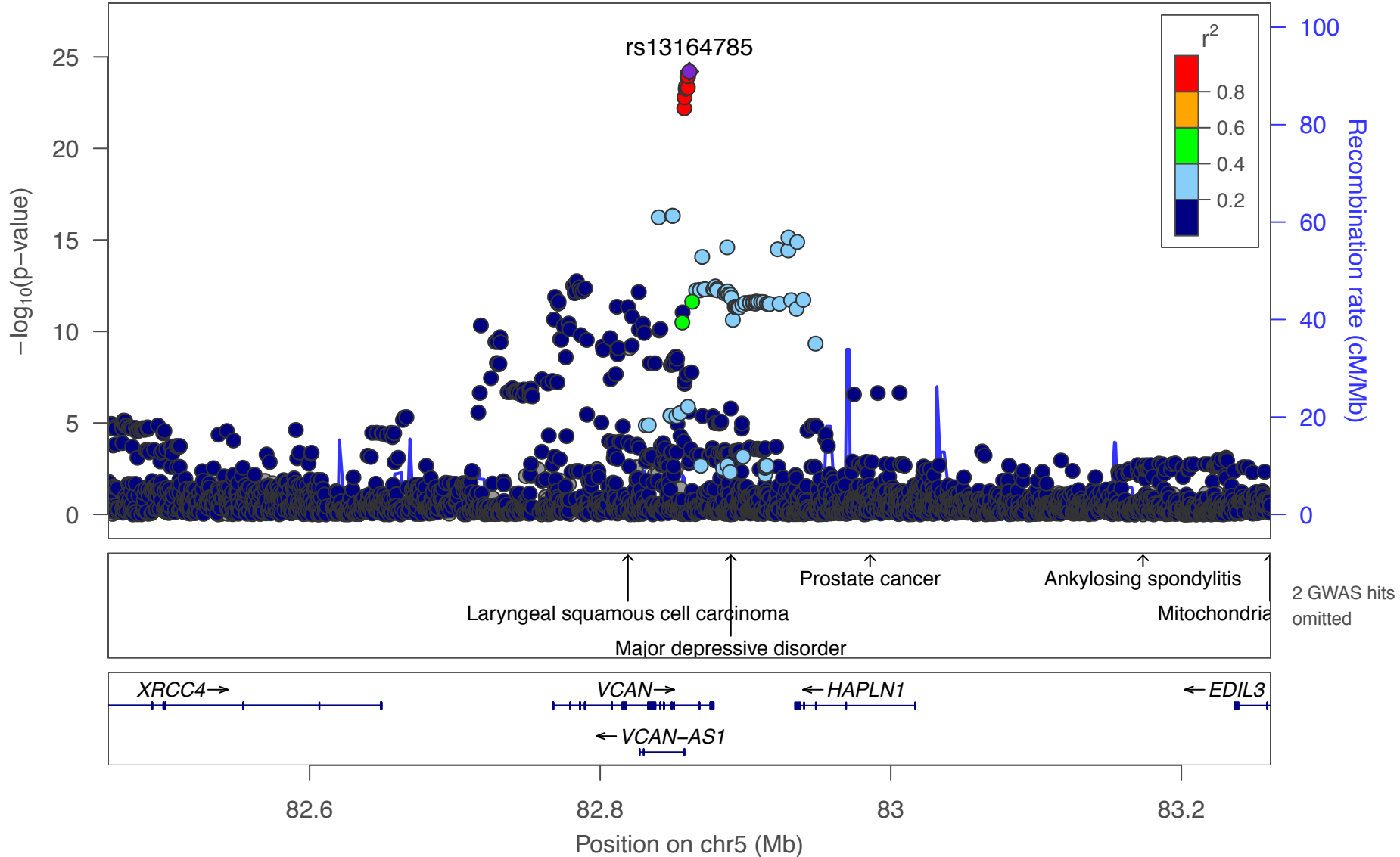
max P.value: 9.98E–1 [chr5:83243278]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_cst_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 6.24E–25 [chr5:82861400]

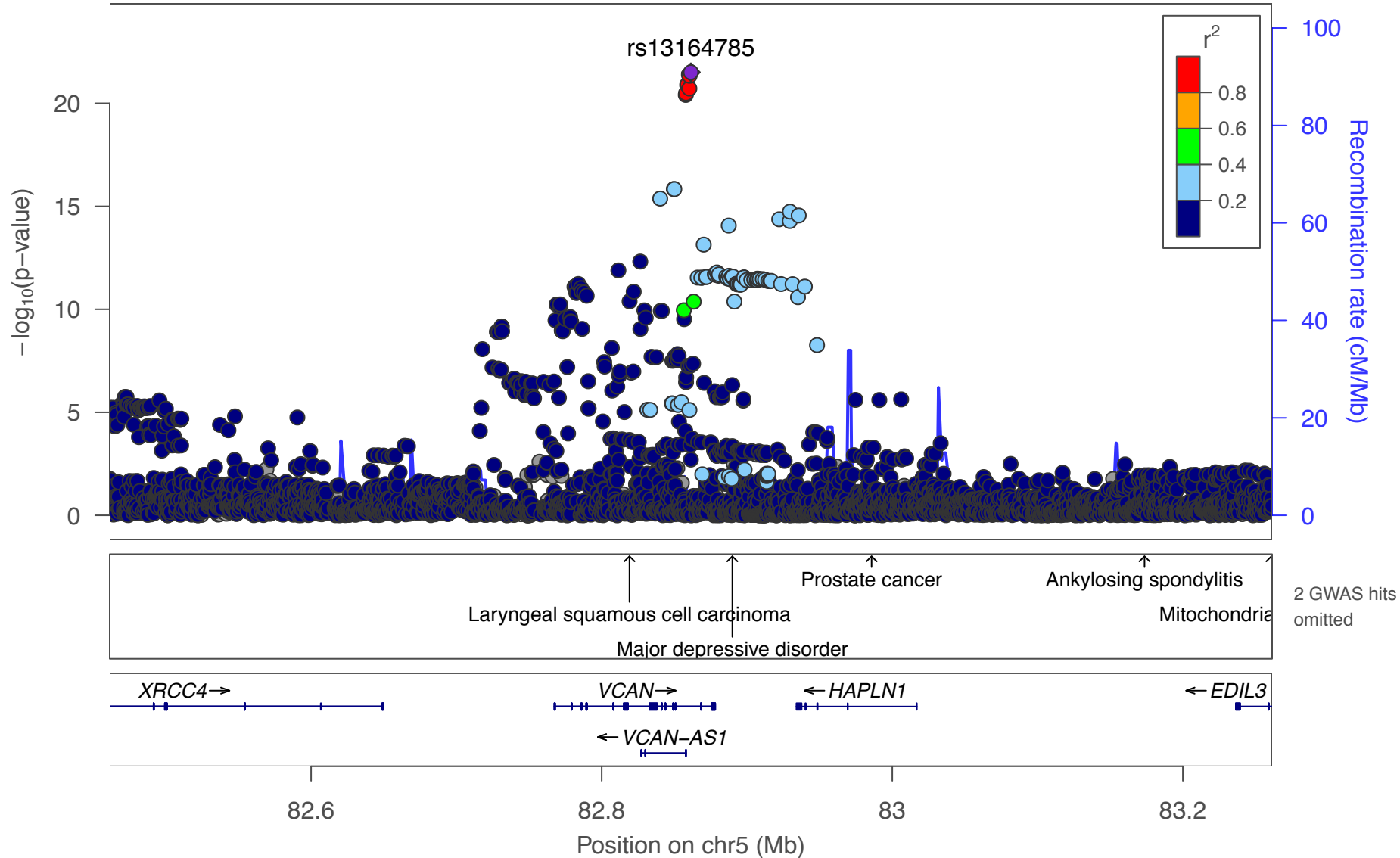
max P.value: 10E–1 [chr5:82605654]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_cst_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.13E–22 [chr5:82861400]

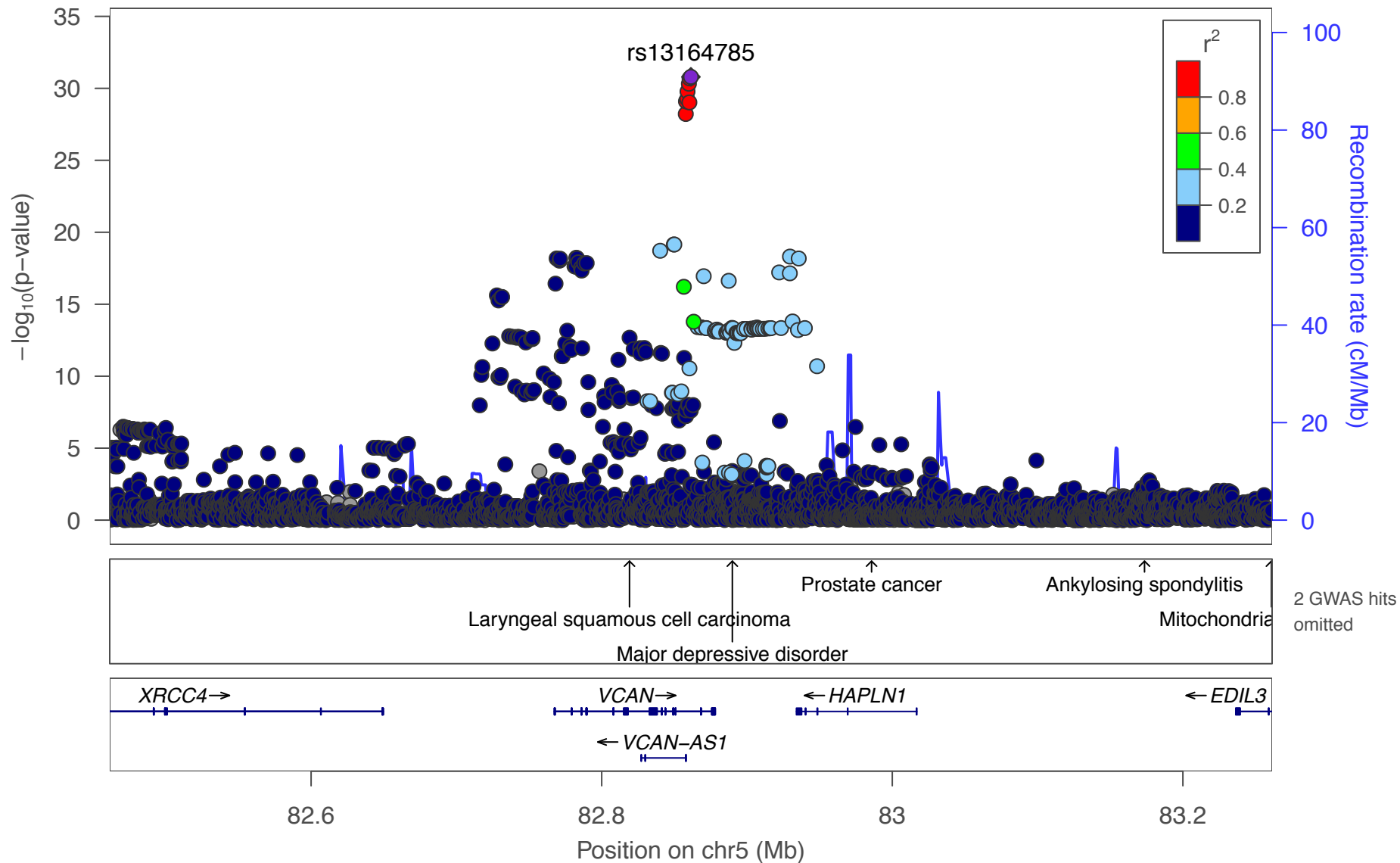
max P.value: 10E–1 [chr5:82962487]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_fmi



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.6E–31 [chr5:82861400]

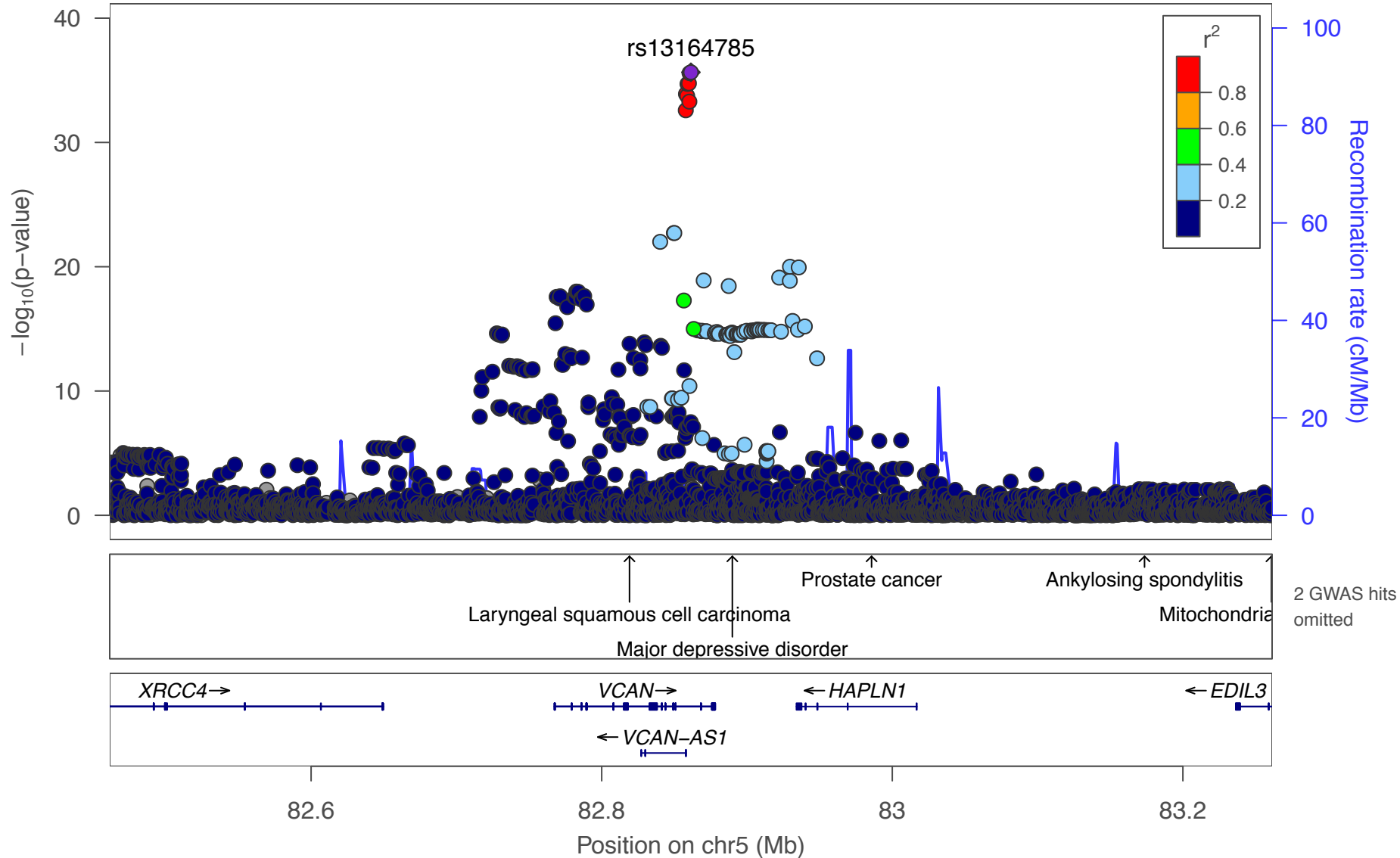
max P.value: 9.99E–1 [chr5:82847913]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_ifo_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.27E–36 [chr5:82861400]

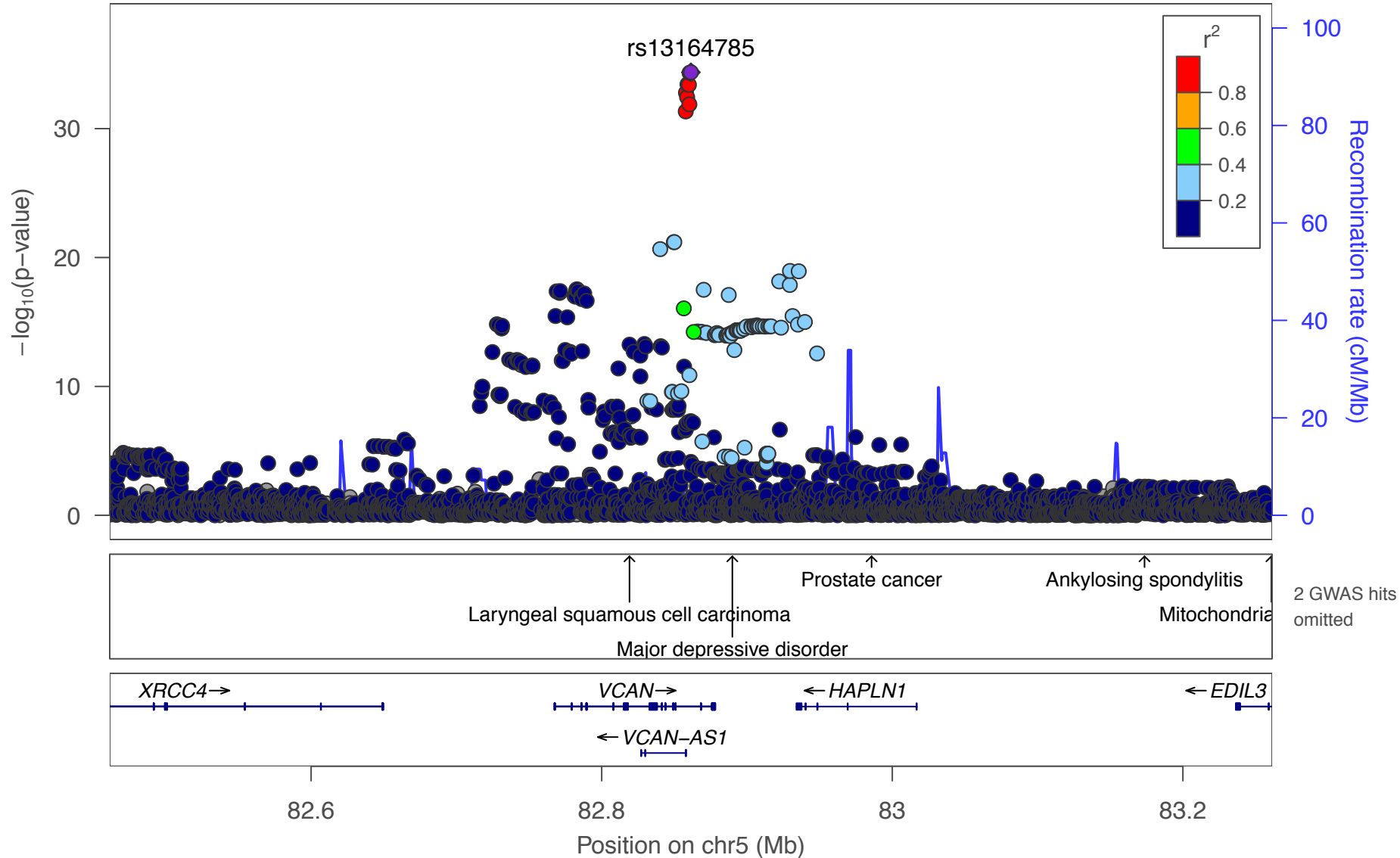
max P.value: 9.98E–1 [chr5:82691419]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_ifo_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.28E–35 [chr5:82861400]

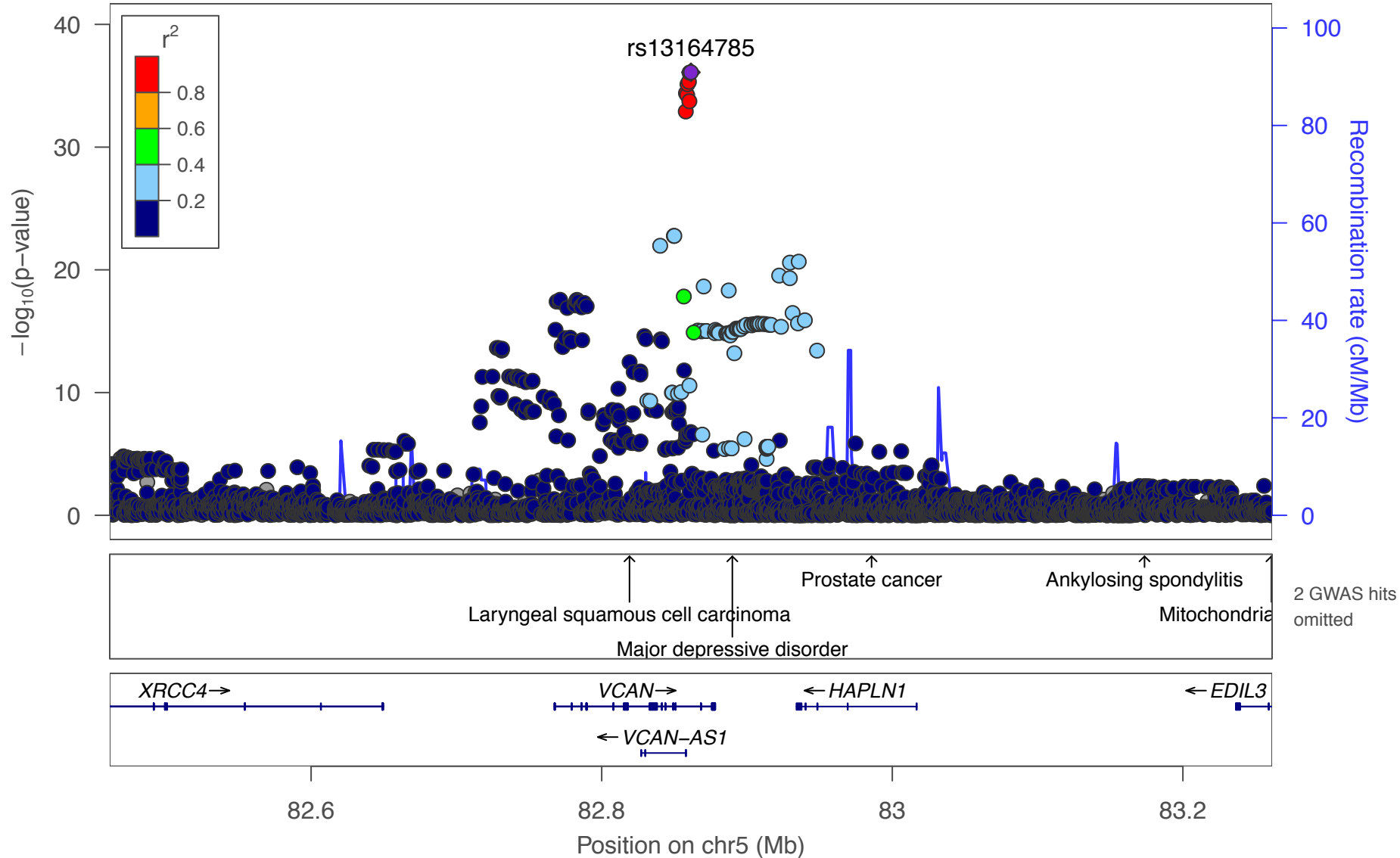
max P.value: 10E–1 [chr5:82653069]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_ilf_I



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 8.02E–37 [chr5:82861400]

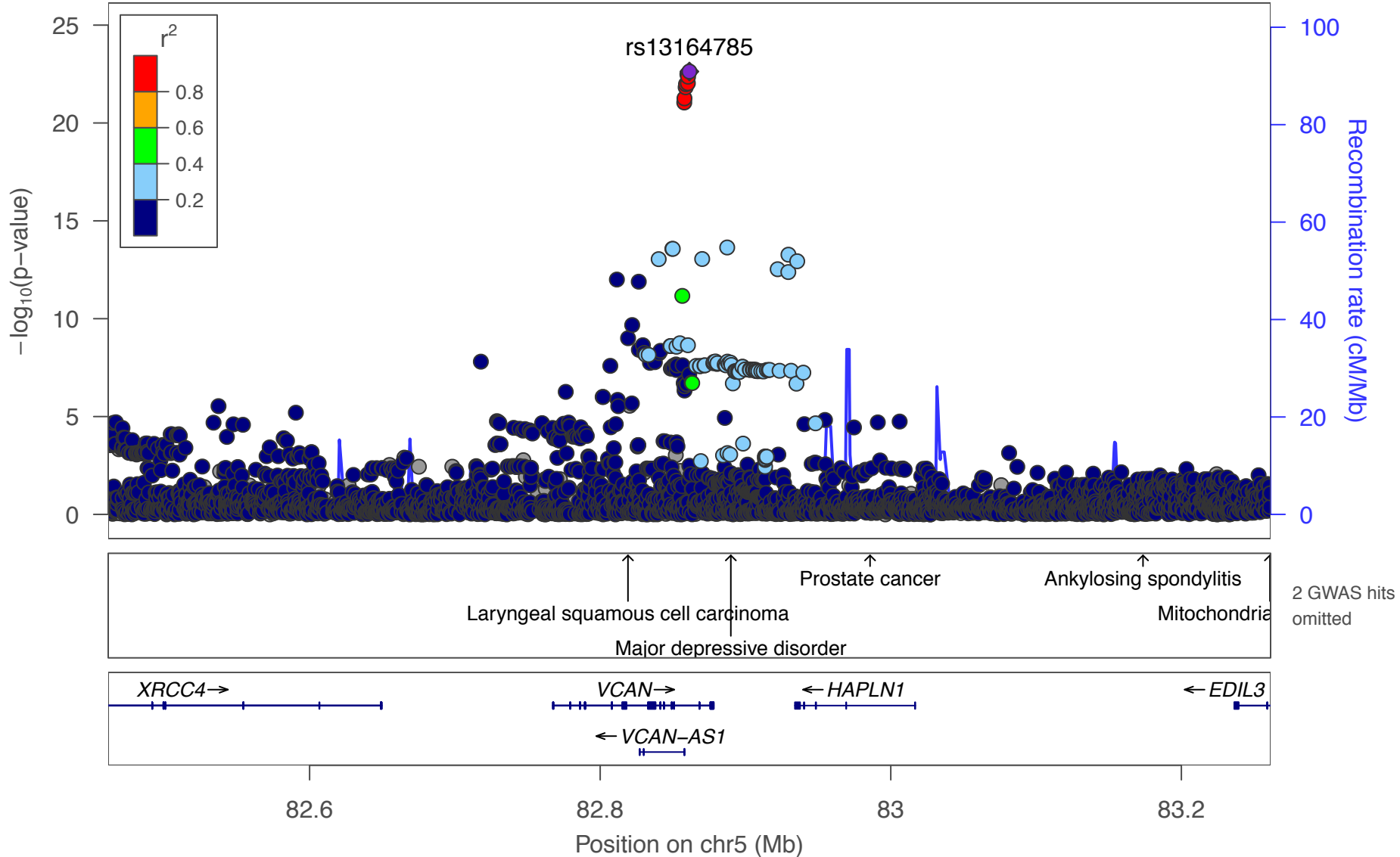
max P.value: 10E–1 [chr5:83163554]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_ml_r



date: Thu Aug 17 17:58:12 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.35E–23 [chr5:82861400]

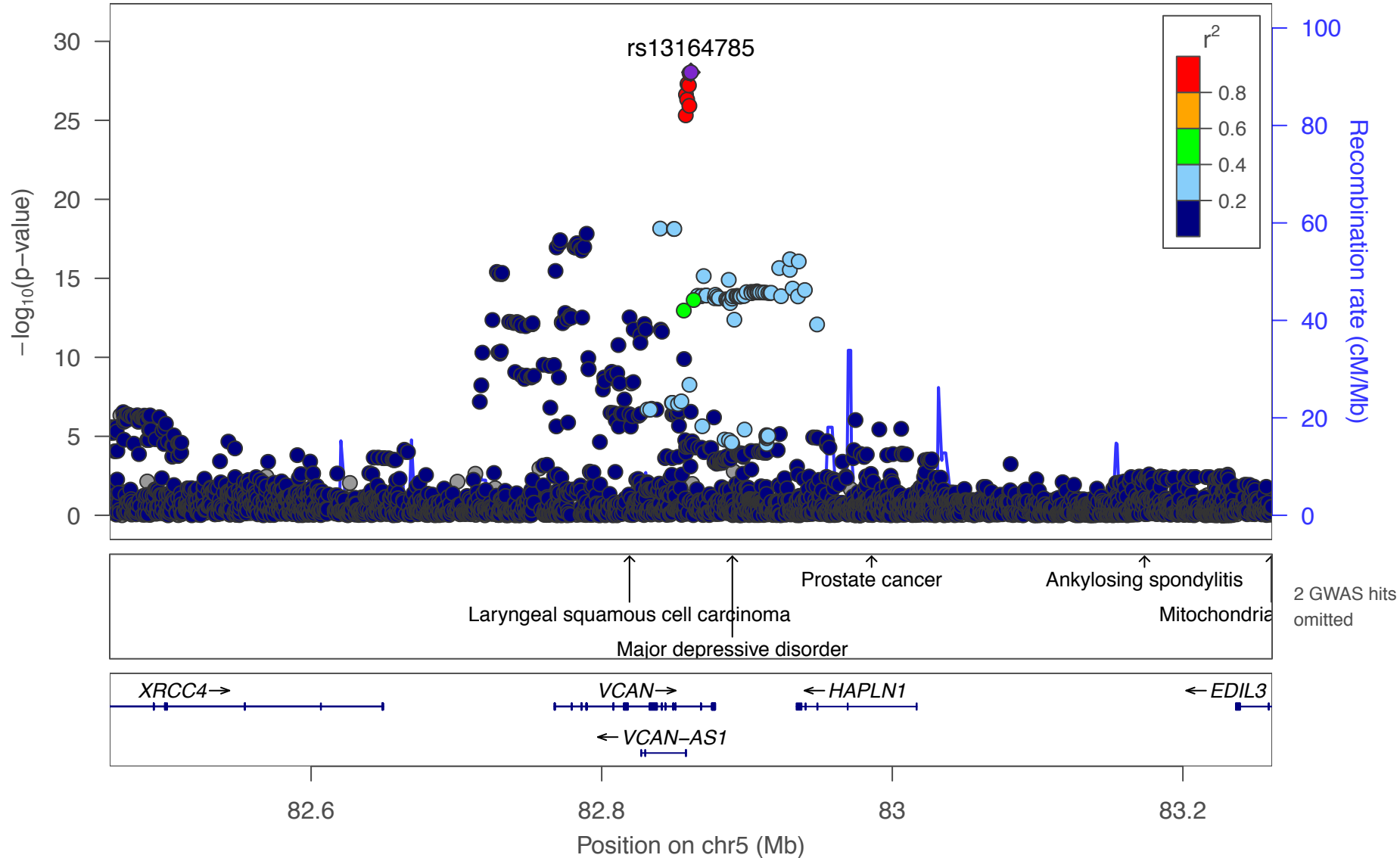
max P.value: 10E–1 [chr5:82832449]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_slf_I



date: Thu Aug 17 18:10:31 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 9.12E–29 [chr5:82861400]

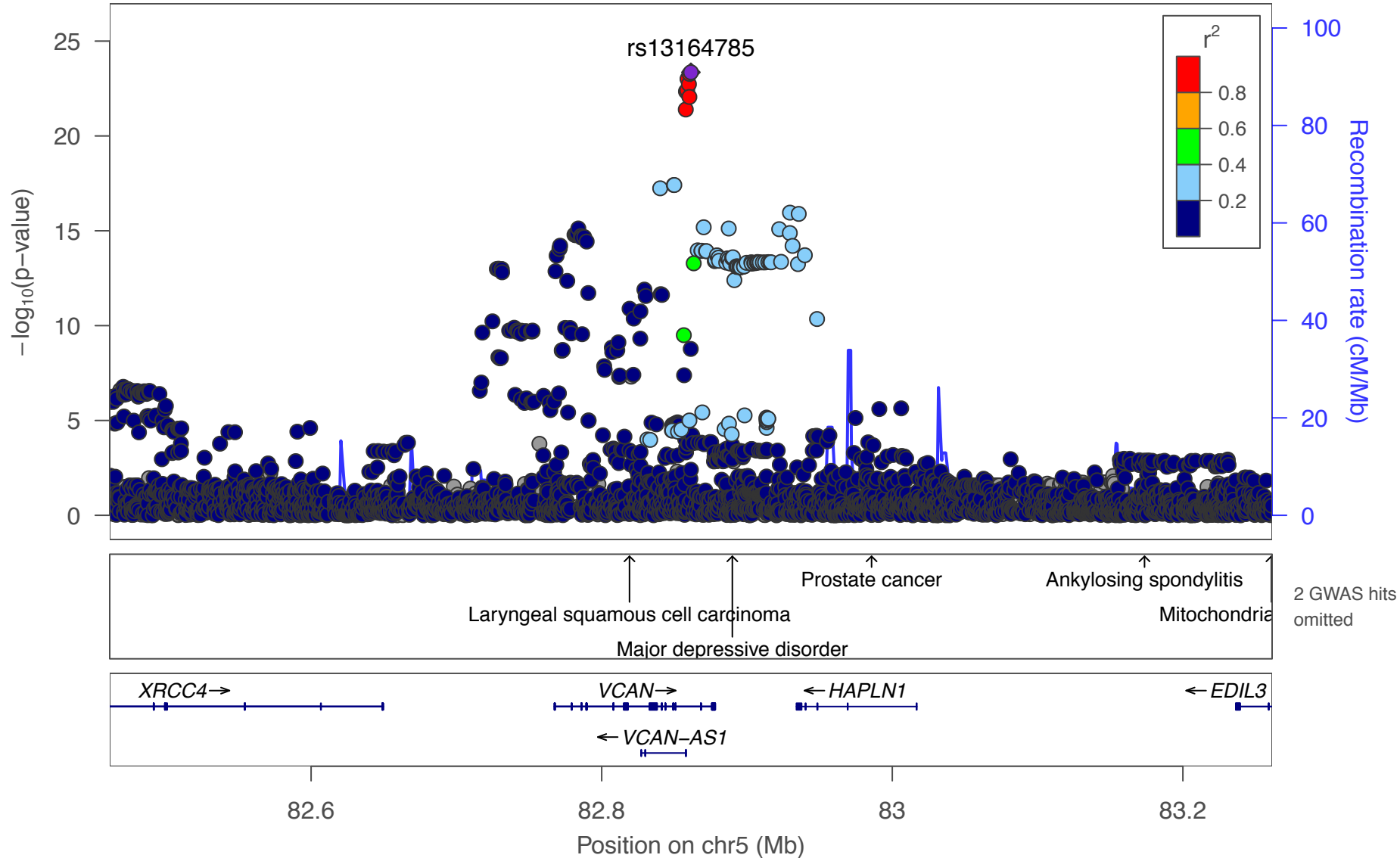
max P.value: 9.99E–1 [chr5:83228903]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_str_I



date: Thu Aug 17 18:23:30 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 4.42E–24 [chr5:82861400]

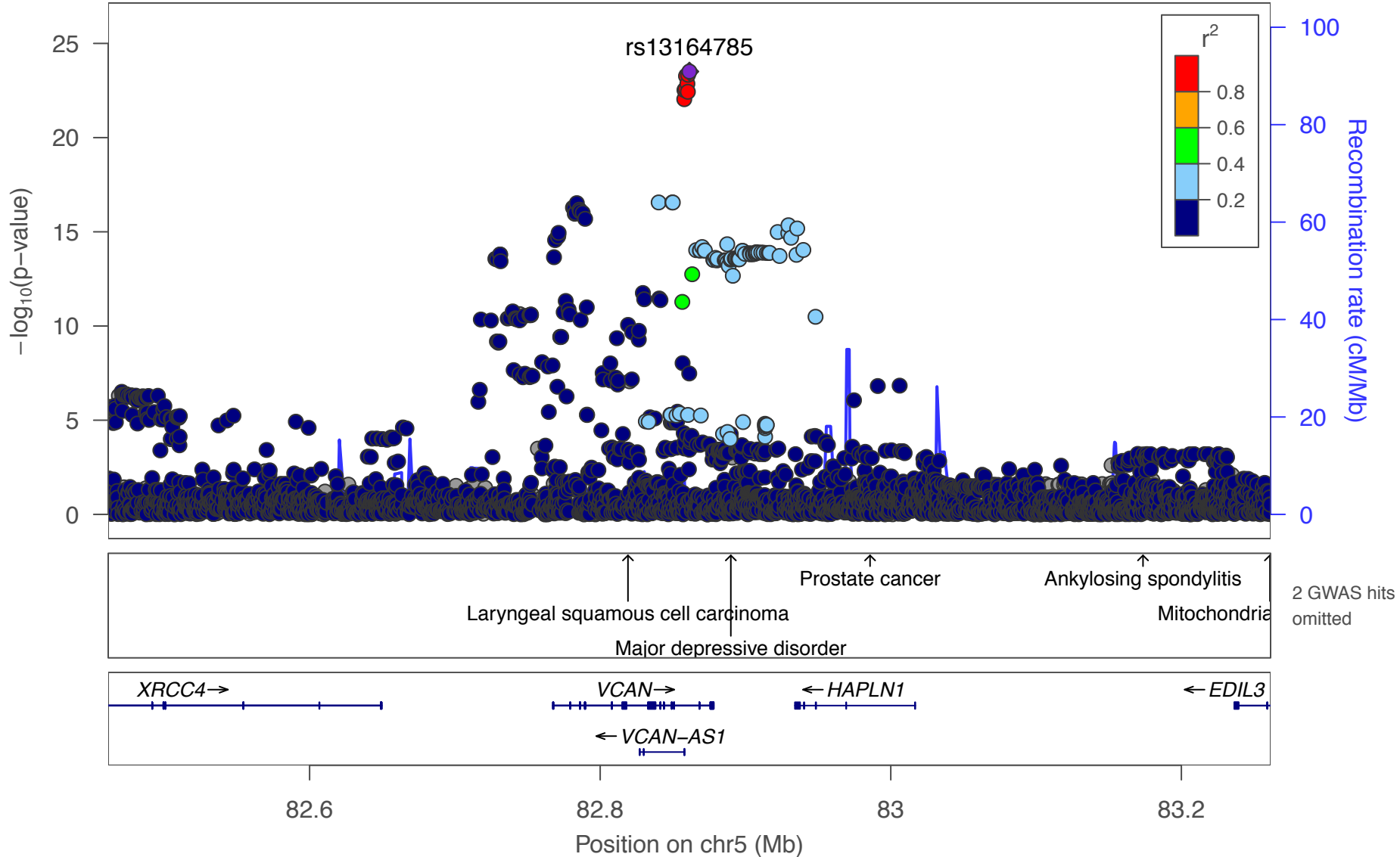
max P.value: 10E–1 [chr5:82592509]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_str_r



date: Thu Aug 17 18:23:30 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 3.1E–24 [chr5:82861400]

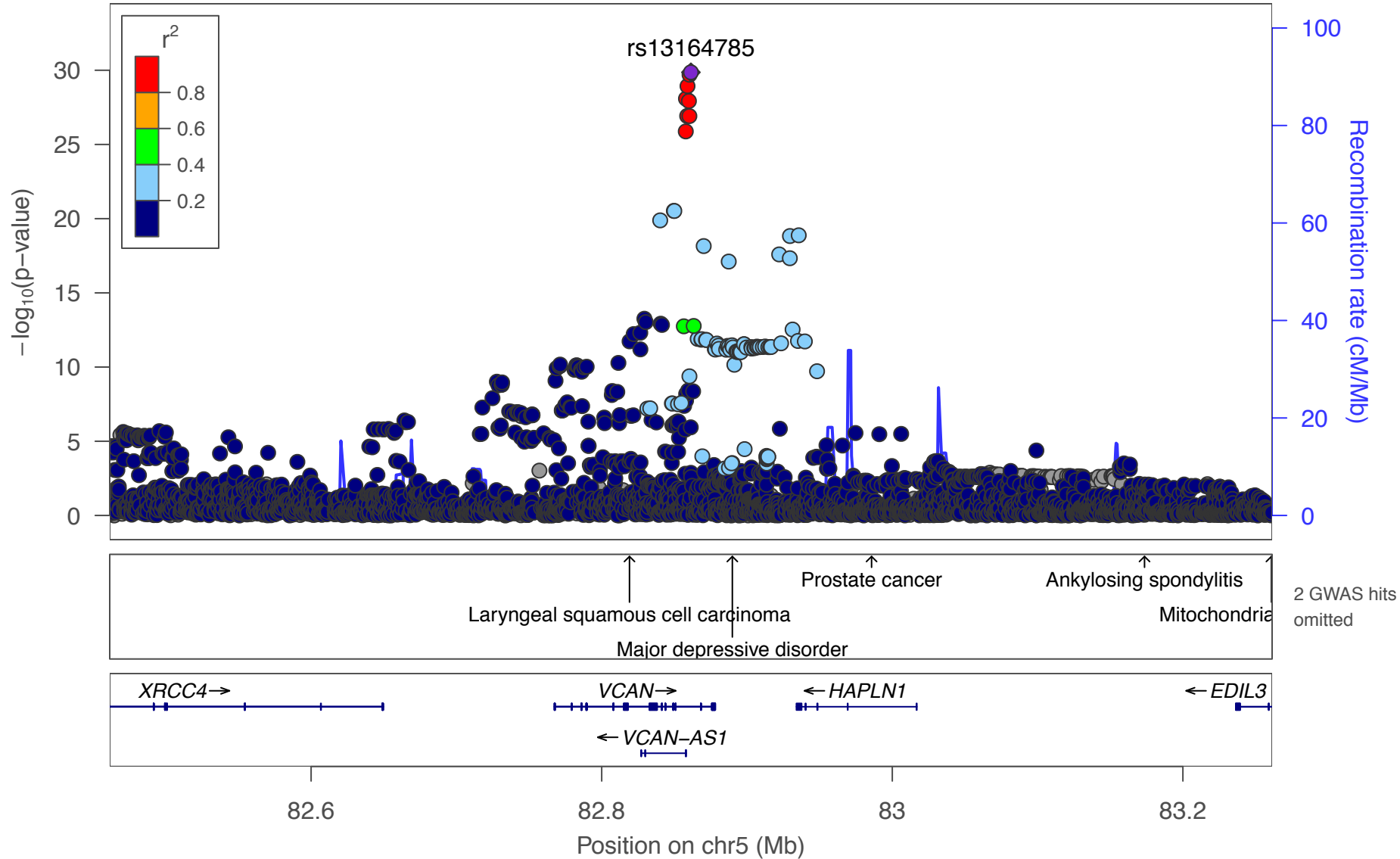
max P.value: 9.98E–1 [chr5:83098673]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_unc_I



date: Thu Aug 17 18:23:31 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 1.38E–30 [chr5:82861400]

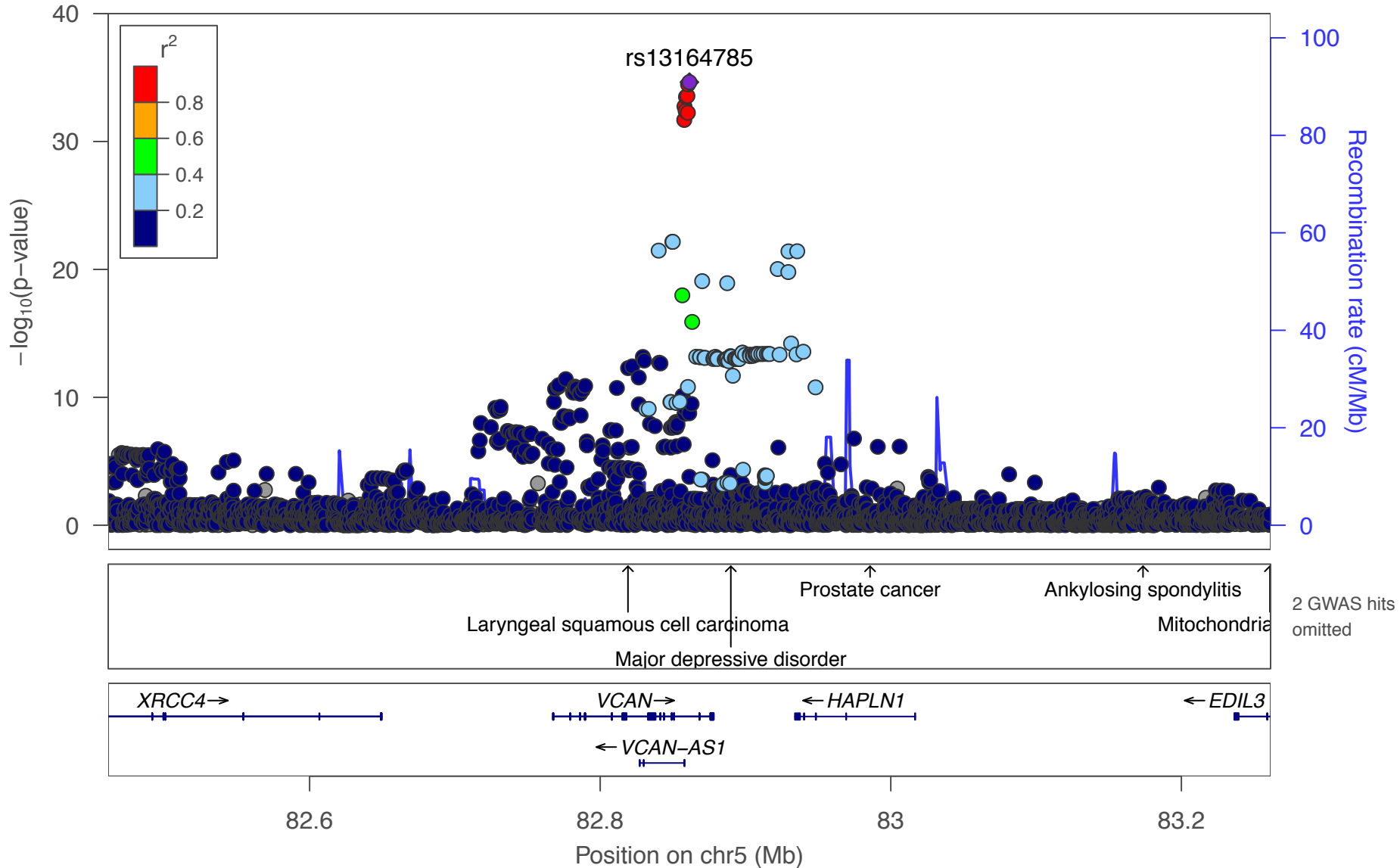
max P.value: 9.99E–1 [chr5:82811969]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

ProbtrackX_ICVF_unc_r



date: Thu Aug 17 18:01:49 2017

build: hg19

display range: chr5:82461400–83261400 [82461400–83261400]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:82861400

number of SNPs plotted: 3396

min P.value: 2.29E–35 [chr5:82861400]

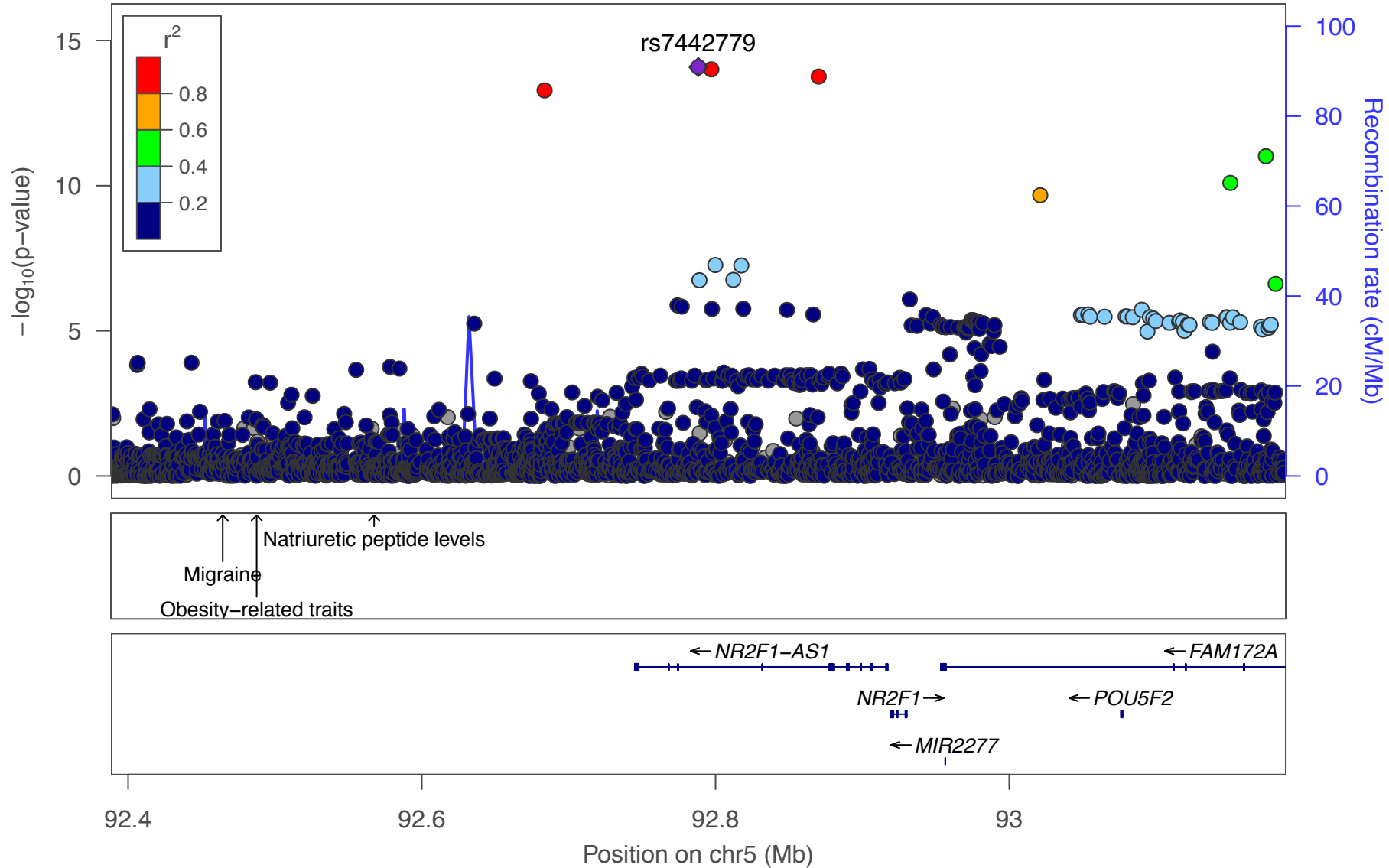
max P.value: 9.97E–1 [chr5:83021163]

omitted GWAS Hits: chr5:83.260938–Mitochondrial DNA levels, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	82.81912	Laryngeal squamous cell carcinoma	rs310518
5	82.84549	Diisocyanate-induced asthma	rs3852186
5	82.88991	Major depressive disorder	rs310501
5	82.96073	Visceral fat	rs3846635
5	82.98574	Prostate cancer	rs4466137
5	83.17359	Ankylosing spondylitis	rs4552569
5	83.26094	Mitochondrial DNA levels	rs2301070

netmat_edge_ICA_004



date: Sat Aug 19 17:26:53 2017

build: hg19

display range: chr5:92388278–93188278 [92388278–93188278]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:92788278

number of SNPs plotted: 2480

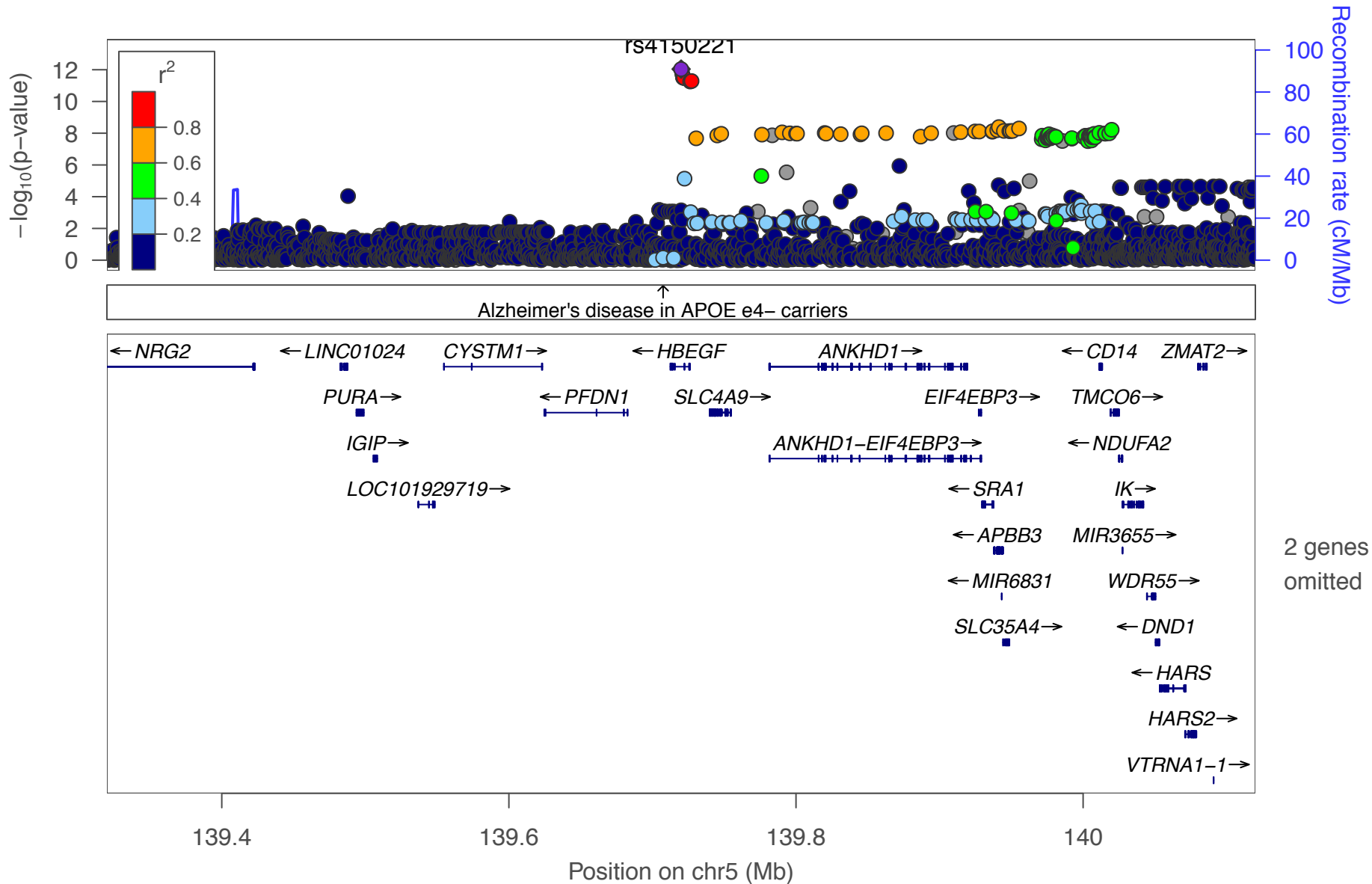
min P.value: 8.18E–15 [chr5:92788278]

max P.value: 10E–1 [chr5:93160560]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	92.46442	Migraine	rs12519773
5	92.48754	Obesity-related traits	rs13173682
5	92.56754	Natriuretic peptide levels	rs4869419

TBSS_FA_Splenium_of_corpus_callosum



date: Thu Aug 17 17:58:47 2017

build: hg19

display range: chr5:139319991–140119991 [139319991–140119991]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:139719991

number of SNPs plotted: 2368

min P.value: 9.14E–13 [chr5:139719991]

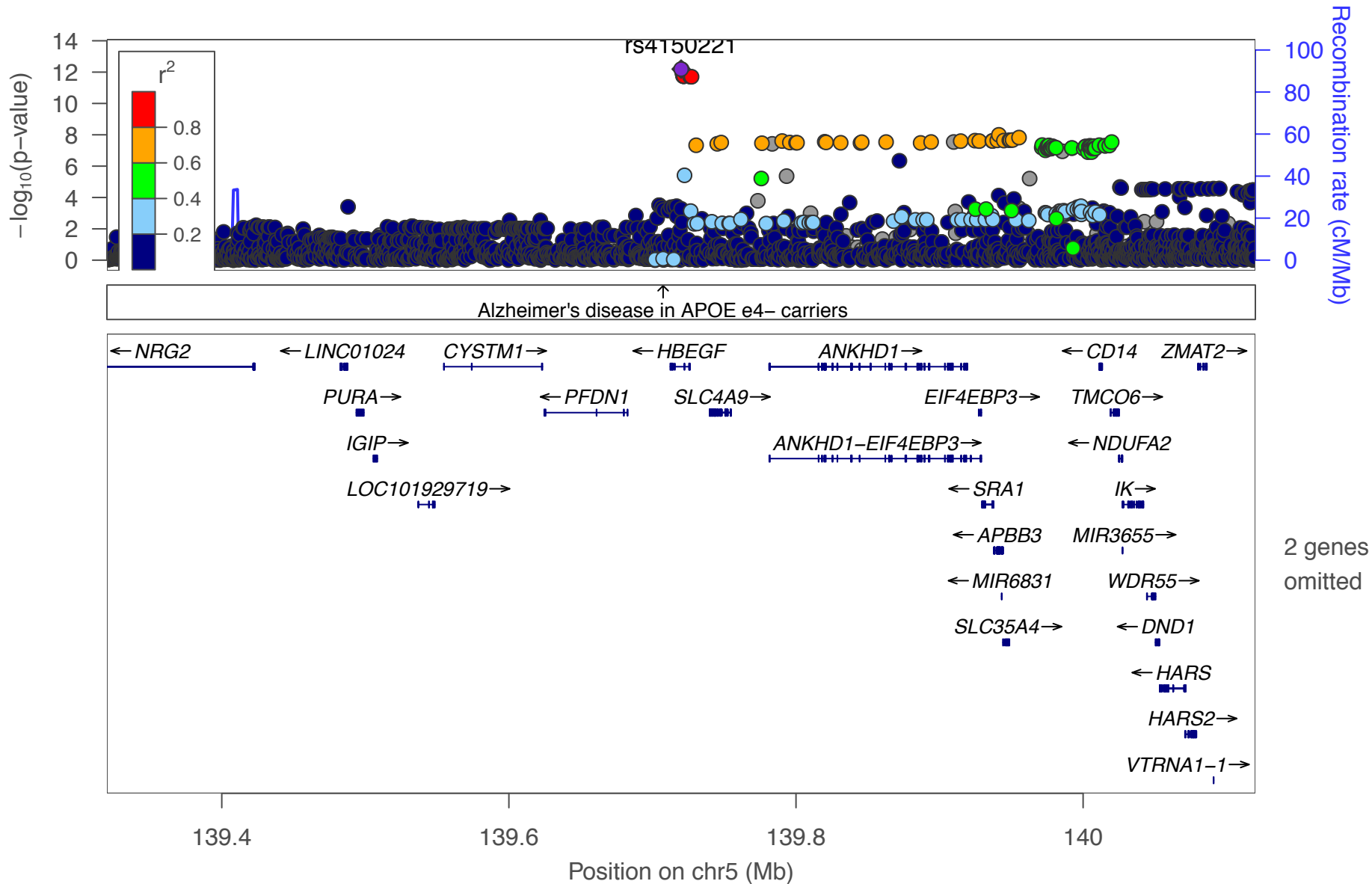
max P.value: 10E–1 [chr5:139713045]

omitted Genes: VTRNA1–2, VTRNA1–3

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	139.7074	Alzheimer's disease in APOE e4- carriers	rs11168036

TBSS_L2_Splenium_of_corpus_callosum



date: Thu Aug 17 17:58:41 2017

build: hg19

display range: chr5:139319991–140119991 [139319991–140119991]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:139719991

number of SNPs plotted: 2368

min P.value: 6.43E–13 [chr5:139719991]

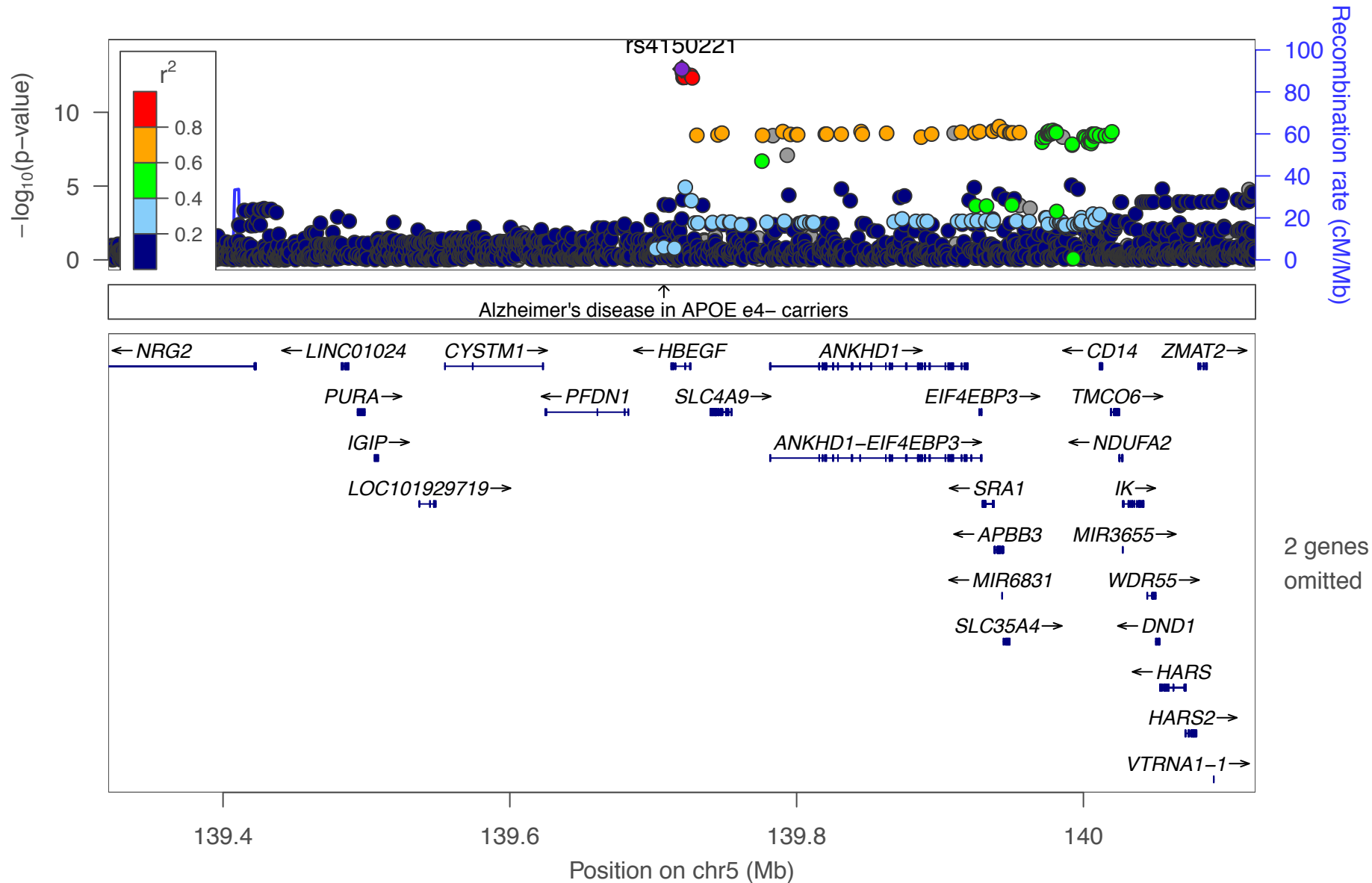
max P.value: 10E–1 [chr5:139906014]

omitted Genes: VTRNA1–2, VTRNA1–3

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	139.7074	Alzheimer's disease in APOE e4- carriers	rs11168036

TBSS_L3_Splenium_of_corpus_callosum



date: Thu Aug 17 18:05:48 2017

build: hg19

display range: chr5:139319991–140119991 [139319991–140119991]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:139719991

number of SNPs plotted: 2368

min P.value: 1.17E–13 [chr5:139719991]

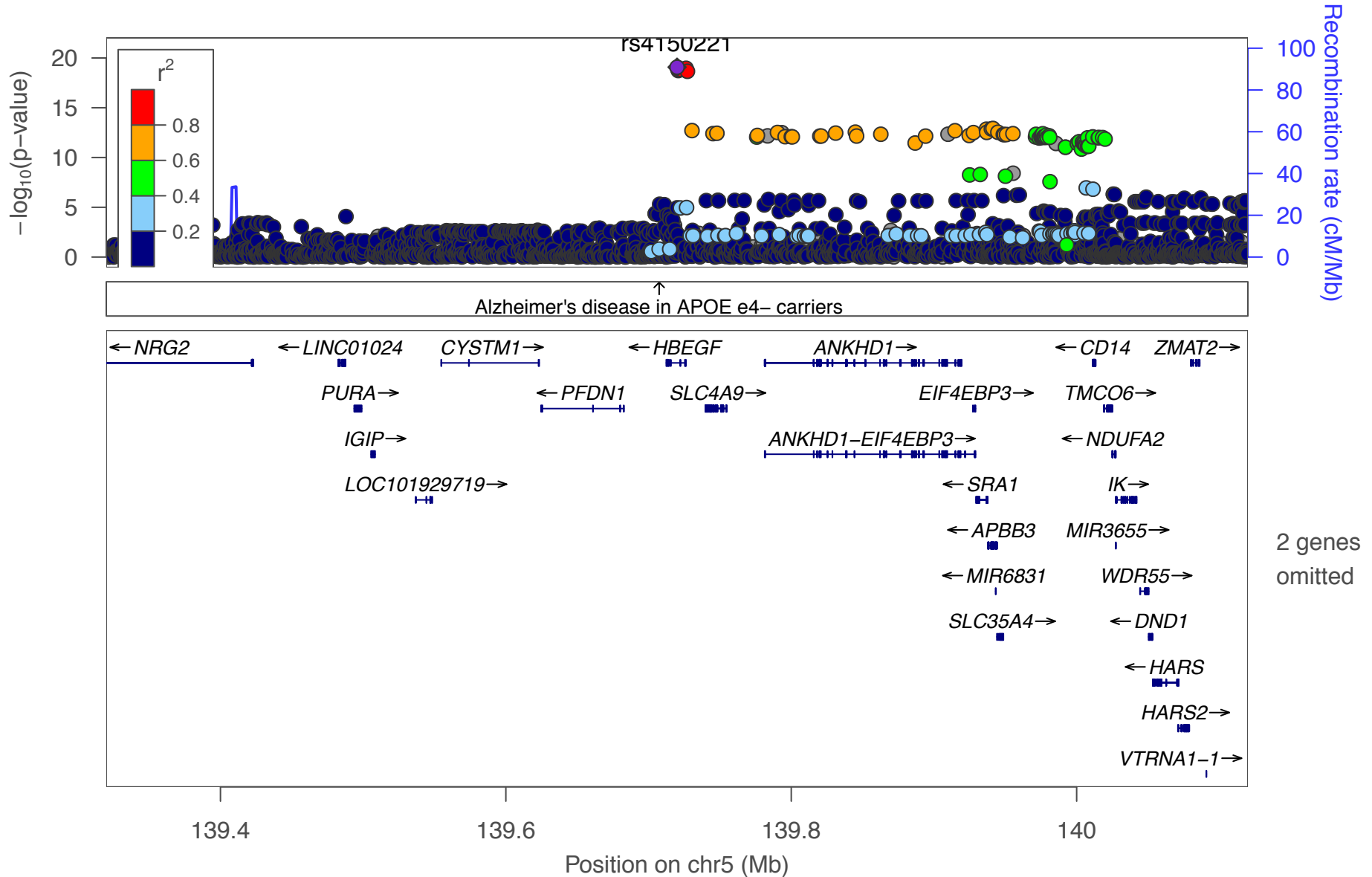
max P.value: 9.98E–1 [chr5:139438687]

omitted Genes: VTRNA1–2, VTRNA1–3

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	139.7074	Alzheimer's disease in APOE e4- carriers	rs11168036

TBSS_ICVF_Genu_of_corpus_callosum



date: Thu Aug 17 18:10:46 2017

build: hg19

display range: chr5:139319991–140119991 [139319991–140119991]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:139719991

number of SNPs plotted: 2368

min P.value: 8.43E–20 [chr5:139719991]

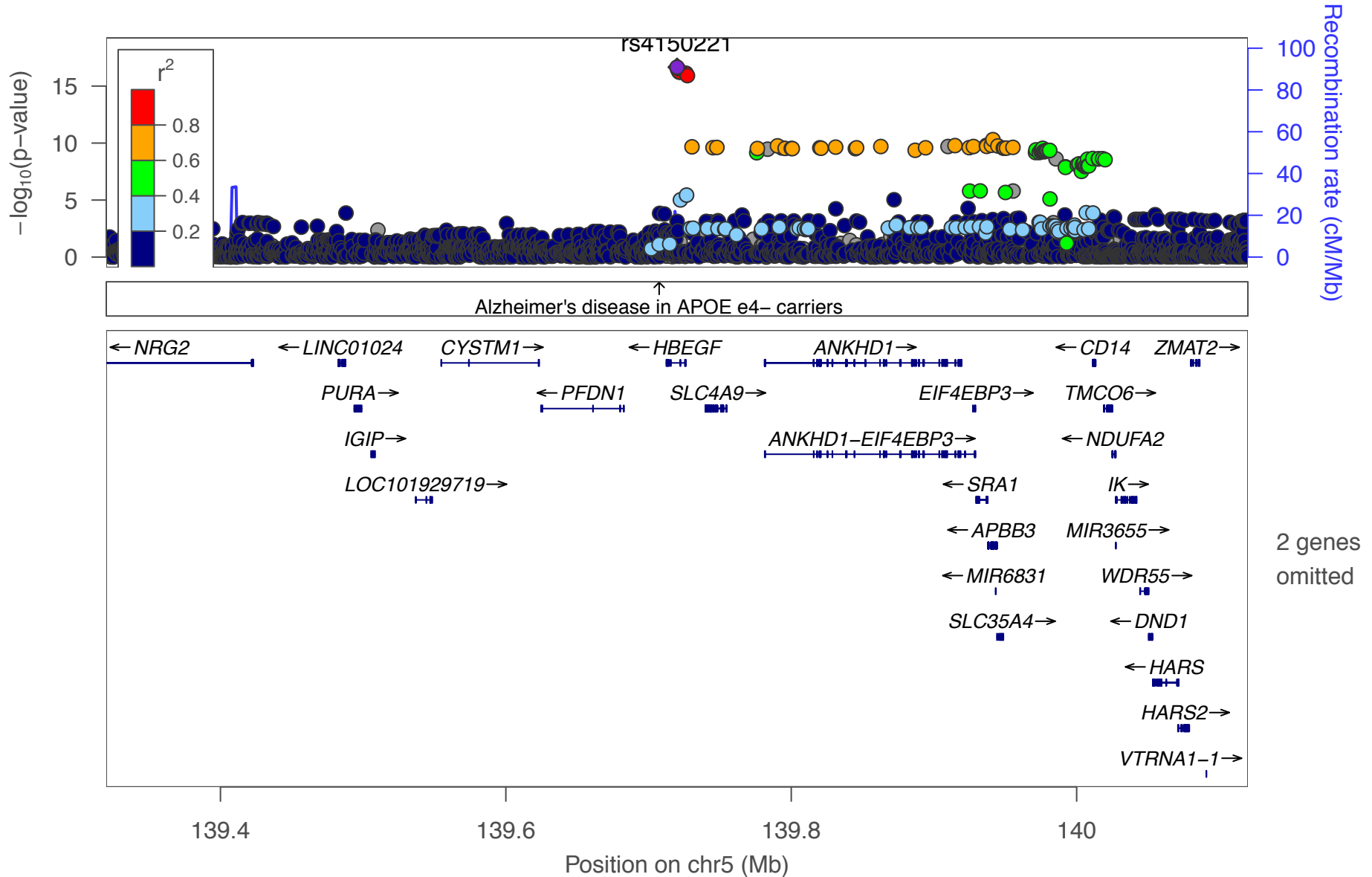
max P.value: 10E–1 [chr5:140008715]

omitted Genes: VTRNA1–2, VTRNA1–3

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	139.7074	Alzheimer's disease in APOE e4- carriers	rs11168036

TBSS_ICVF_Body_of_corpus_callosum



date: Thu Aug 17 18:35:50 2017

build: hg19

display range: chr5:139319991–140119991 [139319991–140119991]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:139719991

number of SNPs plotted: 2368

min P.value: 2.2E–17 [chr5:139719991]

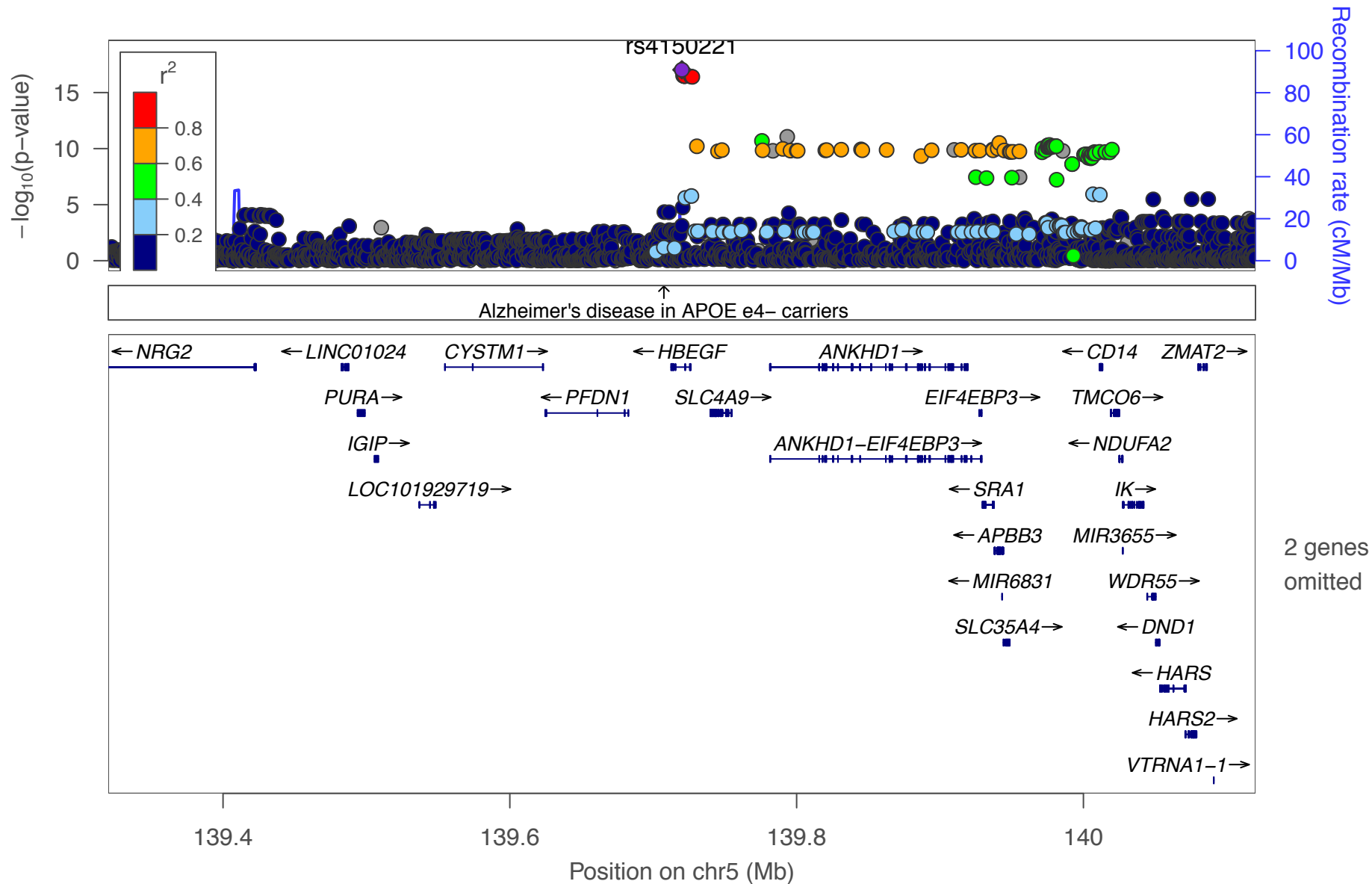
max P.value: 9.99E–1 [chr5:139656940]

omitted Genes: VTRNA1–2, VTRNA1–3

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	139.7074	Alzheimer's disease in APOE e4- carriers	rs11168036

TBSS_ICVF_Splenium_of_corpus_callosum



date: Thu Aug 17 18:35:50 2017

build: hg19

display range: chr5:139319991–140119991 [139319991–140119991]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:139719991

number of SNPs plotted: 2368

min P.value: 9.29E–18 [chr5:139719991]

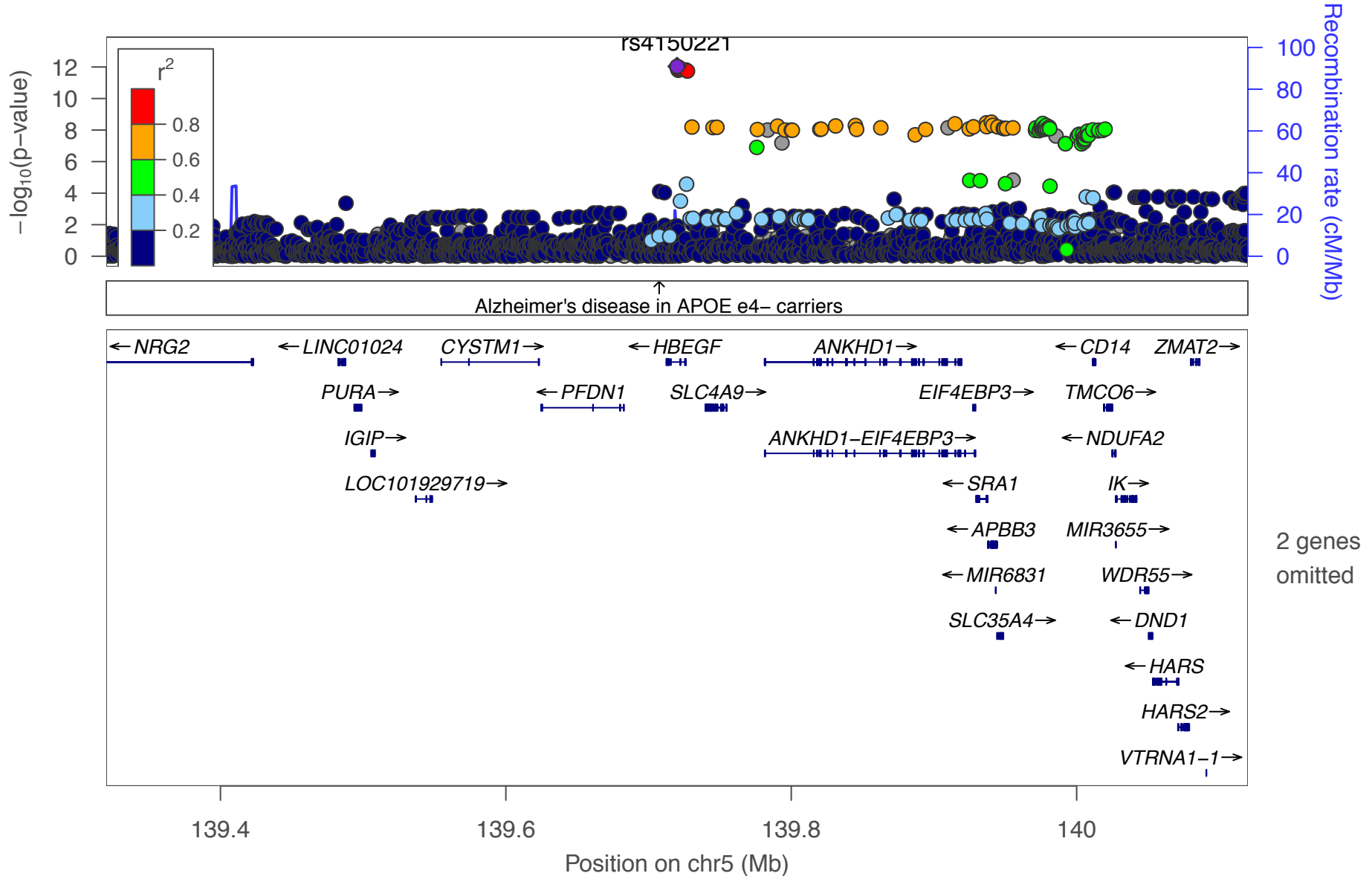
max P.value: 10E–1 [chr5:139406956]

omitted Genes: VTRNA1–2, VTRNA1–3

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	139.7074	Alzheimer's disease in APOE e4- carriers	rs11168036

ProbtrackX_ICVF_fmi



date: Thu Aug 17 18:35:50 2017

build: hg19

display range: chr5:139319991–140119991 [139319991–140119991]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr5:139719991

number of SNPs plotted: 2368

min P.value: 9.23E–13 [chr5:139719991]

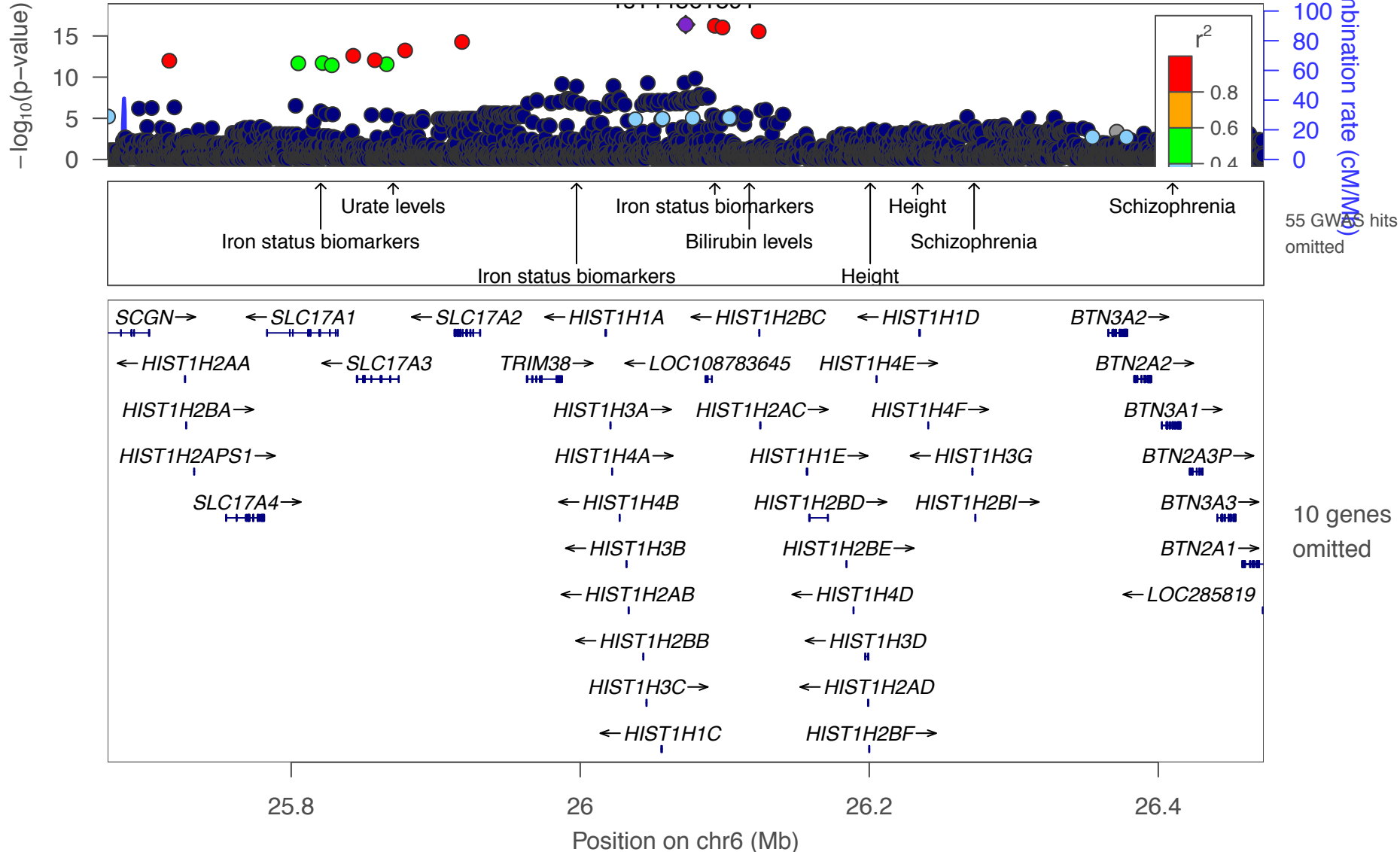
max P.value: 9.99E–1 [chr5:139600618]

omitted Genes: VTRNA1–2, VTRNA1–3

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
5	139.7074	Alzheimer's disease in APOE e4- carriers	rs11168036

SWI_T2star_left_putamen



date: Thu Aug 17 18:10:22 2017

build: hg19

display range: chr6:25672992–26472992 [25672992–26472992]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr6:26072992

number of SNPs plotted: 4565

min P.value: 4.09E–17 [chr6:26072992]

max P.value: 9.99E–1 [chr6:26074151]

omitted Genes: HFE, HIST1H4C, HIST1H1T

omitted Genes: HIST1H2BG, HIST1H2AE, HIST1H3E

omitted Genes: HIST1H4G, HIST1H3F, HIST1H2BH

omitted Genes: HIST1H4H

omitted GWAS Hits: chr6:26.200677–Height, chr6:26.40989–Schizophrenia

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

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omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	25.77205	Carotid intima media thickness	rs4712972
6	25.77381	Urate levels in lean individuals	rs2275906
6	25.77695	Cardiovascular disease risk factors	rs11754288
6	25.77695	Blood metabolite levels	rs11754288
6	25.79443	Blood metabolite levels	rs2762353
6	25.80132	Urate levels in overweight individuals	rs1165209
6	25.80132	Urate levels in lean individuals	rs1165209
6	25.81315	Urate levels	rs1165196
6	25.81315	Serum uric acid levels	rs1165196
6	25.81315	Urate levels in overweight individuals	rs1165196
6	25.81859	Blood metabolite ratios	rs1185567
6	25.81877	Urate levels in overweight individuals	rs1165152
6	25.82044	Iron status biomarkers	rs17270561
6	25.82162	Urate levels	rs1165151
6	25.82177	Red blood cell traits	rs17342717
6	25.82177	Iron status biomarkers	rs17342717
6	25.82344	Uric acid levels	rs1183201
6	25.84295	Hematology traits	rs1408272
6	25.84295	Iron status biomarkers	rs1408272
6	25.84295	Red blood cell traits	rs1408272
6	25.84295	Mean corpuscular hemoglobin	rs1408272

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	25.86937	Homocysteine levels	rs548987
6	25.87054	Urate levels	rs1165205
6	25.87442	Schizophrenia	rs13198474
6	25.89558	Blood pressure	rs6910741
6	25.91698	Height	rs1865760
6	25.99746	Iron status biomarkers	rs12216125
6	26.03161	HIV-1 viral setpoint	rs10484434
6	26.09118	Diastolic blood pressure	rs1799945
6	26.09118	Hypertension	rs1799945
6	26.09118	Systolic blood pressure	rs1799945
6	26.09118	Iron status biomarkers	rs1799945
6	26.09314	Iron status biomarkers	rs1800562
6	26.09314	Hematological parameters	rs1800562
6	26.09314	Hepcidin levels	rs1800562
6	26.09314	Cardiovascular disease risk factors	rs1800562
6	26.09314	LDL cholesterol	rs1800562
6	26.09314	Glycated hemoglobin levels	rs1800562
6	26.09314	Red blood cell traits	rs1800562
6	26.09314	Alcohol consumption (transferrin glycosylation)	rs1800562
6	26.09314	Cholesterol, total	rs1800562
6	26.09314	Hematology traits	rs1800562

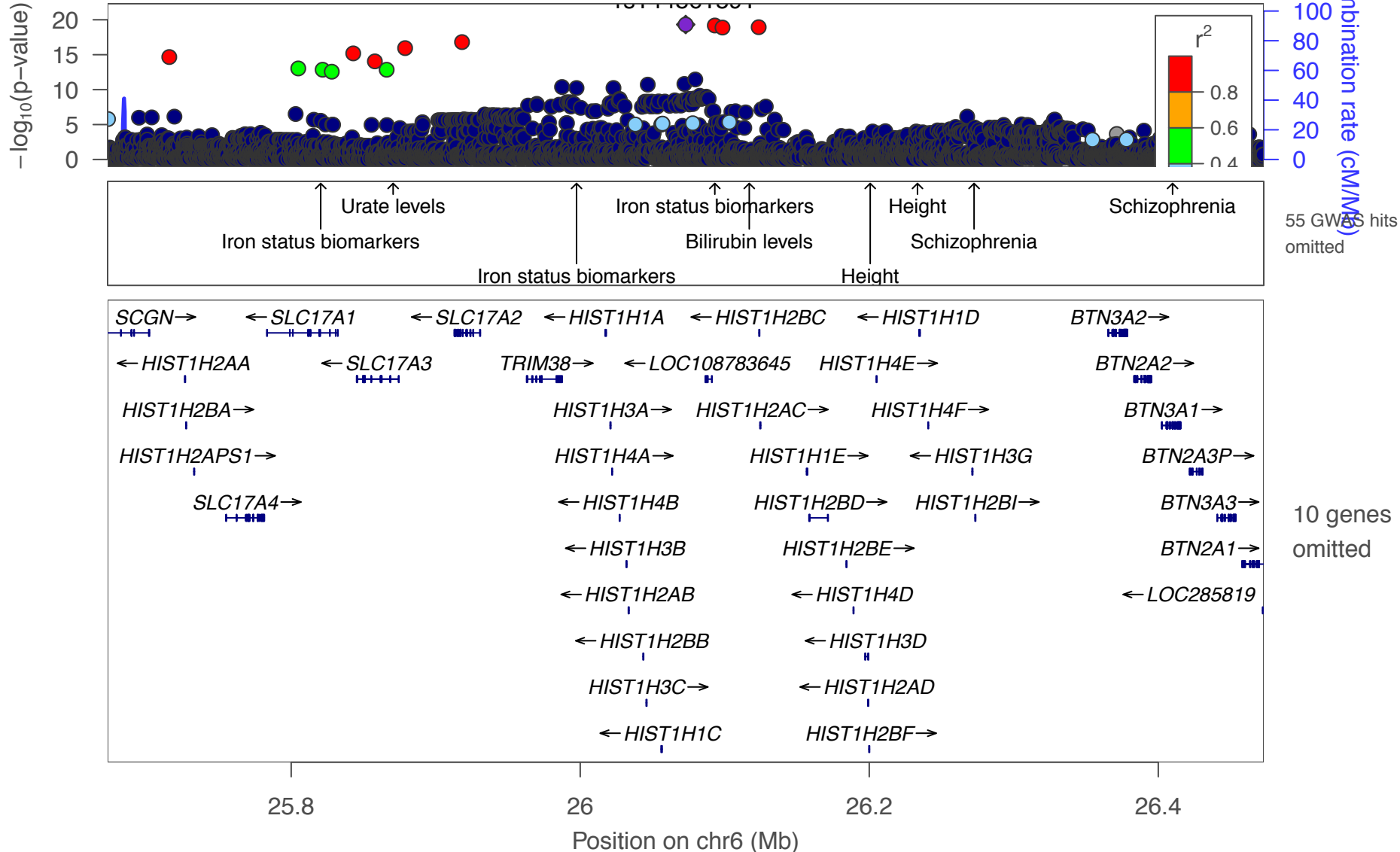
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	26.09314	Hemoglobin	rs1800562
6	26.09314	Hematocrit	rs1800562
6	26.09314	Mean corpuscular volume	rs1800562
6	26.09314	Iron status biomarkers (ferritin levels)	rs1800562
6	26.09314	Iron status biomarkers (transferrin saturation)	rs1800562
6	26.09314	Iron status biomarkers (transferrin levels)	rs1800562
6	26.09314	Iron status biomarkers (iron levels)	rs1800562
6	26.09314	Mean corpuscular hemoglobin	rs1800562
6	26.09738	Schizophrenia	rs6918586
6	26.10746	Blood pressure	rs198846
6	26.10746	Hemoglobin	rs198846
6	26.10746	Mean corpuscular volume	rs198846
6	26.11698	Bilirubin levels	rs12206204
6	26.12845	Narcolepsy with cataplexy	rs198811
6	26.15748	Height	rs4141885
6	26.20068	Height	rs806794
6	26.23339	Height	rs10946808
6	26.26007	Plasma omega–6 polyunsaturated fatty acid levels (linoleic acid)	rs4476815
6	26.27255	Schizophrenia	rs61747867
6	26.27665	Educational attainment	rs9393692
6	26.32589	Educational attainment (years of education)	rs2179152

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	26.40989	Schizophrenia	rs41266839

SWI_T2star_left_putamen_plus_right_putamen



date: Thu Aug 17 18:18:43 2017

build: hg19

display range: chr6:25672992–26472992 [25672992–26472992]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr6:26072992

number of SNPs plotted: 4565

min P.value: 4.81E–20 [chr6:26072992]

max P.value: 9.99E–1 [chr6:25971279]

omitted Genes: HFE, HIST1H4C, HIST1H1T

omitted Genes: HIST1H2BG, HIST1H2AE, HIST1H3E

omitted Genes: HIST1H4G, HIST1H3F, HIST1H2BH

omitted Genes: HIST1H4H

omitted GWAS Hits: chr6:26.200677–Height, chr6:26.40989–Schizophrenia

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

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omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	25.77205	Carotid intima media thickness	rs4712972
6	25.77381	Urate levels in lean individuals	rs2275906
6	25.77695	Cardiovascular disease risk factors	rs11754288
6	25.77695	Blood metabolite levels	rs11754288
6	25.79443	Blood metabolite levels	rs2762353
6	25.80132	Urate levels in overweight individuals	rs1165209
6	25.80132	Urate levels in lean individuals	rs1165209
6	25.81315	Urate levels	rs1165196
6	25.81315	Serum uric acid levels	rs1165196
6	25.81315	Urate levels in overweight individuals	rs1165196
6	25.81859	Blood metabolite ratios	rs1185567
6	25.81877	Urate levels in overweight individuals	rs1165152
6	25.82044	Iron status biomarkers	rs17270561
6	25.82162	Urate levels	rs1165151
6	25.82177	Red blood cell traits	rs17342717
6	25.82177	Iron status biomarkers	rs17342717
6	25.82344	Uric acid levels	rs1183201
6	25.84295	Hematology traits	rs1408272
6	25.84295	Iron status biomarkers	rs1408272
6	25.84295	Red blood cell traits	rs1408272
6	25.84295	Mean corpuscular hemoglobin	rs1408272

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	25.86937	Homocysteine levels	rs548987
6	25.87054	Urate levels	rs1165205
6	25.87442	Schizophrenia	rs13198474
6	25.89558	Blood pressure	rs6910741
6	25.91698	Height	rs1865760
6	25.99746	Iron status biomarkers	rs12216125
6	26.03161	HIV-1 viral setpoint	rs10484434
6	26.09118	Diastolic blood pressure	rs1799945
6	26.09118	Hypertension	rs1799945
6	26.09118	Systolic blood pressure	rs1799945
6	26.09118	Iron status biomarkers	rs1799945
6	26.09314	Iron status biomarkers	rs1800562
6	26.09314	Hematological parameters	rs1800562
6	26.09314	Hepcidin levels	rs1800562
6	26.09314	Cardiovascular disease risk factors	rs1800562
6	26.09314	LDL cholesterol	rs1800562
6	26.09314	Glycated hemoglobin levels	rs1800562
6	26.09314	Red blood cell traits	rs1800562
6	26.09314	Alcohol consumption (transferrin glycosylation)	rs1800562
6	26.09314	Cholesterol, total	rs1800562
6	26.09314	Hematology traits	rs1800562

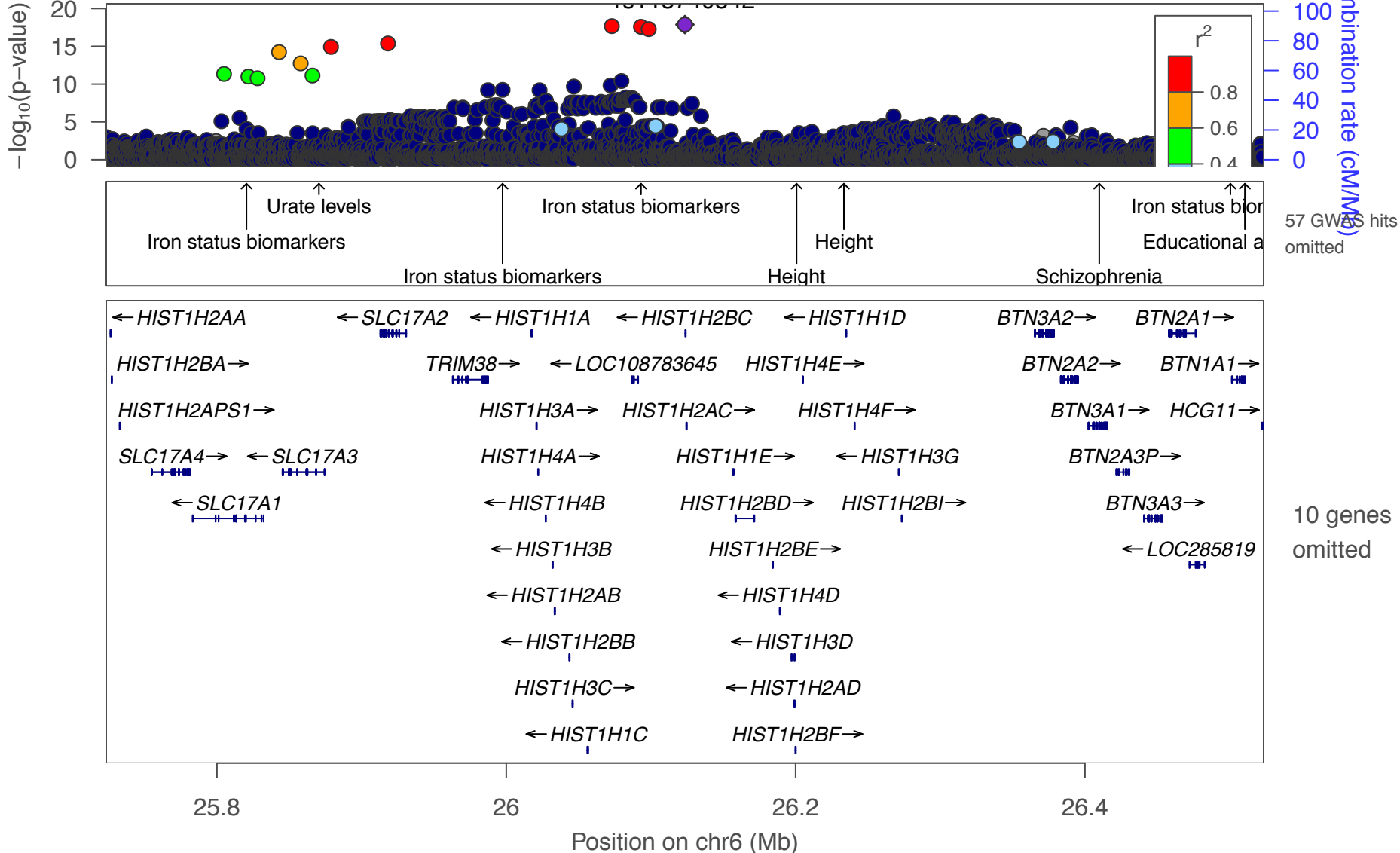
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	26.09314	Hemoglobin	rs1800562
6	26.09314	Hematocrit	rs1800562
6	26.09314	Mean corpuscular volume	rs1800562
6	26.09314	Iron status biomarkers (ferritin levels)	rs1800562
6	26.09314	Iron status biomarkers (transferrin saturation)	rs1800562
6	26.09314	Iron status biomarkers (transferrin levels)	rs1800562
6	26.09314	Iron status biomarkers (iron levels)	rs1800562
6	26.09314	Mean corpuscular hemoglobin	rs1800562
6	26.09738	Schizophrenia	rs6918586
6	26.10746	Blood pressure	rs198846
6	26.10746	Hemoglobin	rs198846
6	26.10746	Mean corpuscular volume	rs198846
6	26.11698	Bilirubin levels	rs12206204
6	26.12845	Narcolepsy with cataplexy	rs198811
6	26.15748	Height	rs4141885
6	26.20068	Height	rs806794
6	26.23339	Height	rs10946808
6	26.26007	Plasma omega–6 polyunsaturated fatty acid levels (linoleic acid)	rs4476815
6	26.27255	Schizophrenia	rs61747867
6	26.27665	Educational attainment	rs9393692
6	26.32589	Educational attainment (years of education)	rs2179152

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	26.40989	Schizophrenia	rs41266839

SWI_T2star_right_putamen



date: Thu Aug 17 18:14:04 2017

build: hg19

display range: chr6:25723502–26523502 [25723502–26523502]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr6:26123502

number of SNPs plotted: 4507

min P.value: 1.33E–18 [chr6:26123502]

max P.value: 9.98E–1 [chr6:26104008]

omitted Genes: HFE, HIST1H4C, HIST1H1T

omitted Genes: HIST1H2BG, HIST1H2AE, HIST1H3E

omitted Genes: HIST1H4G, HIST1H3F, HIST1H2BH

omitted Genes: HIST1H4H

omitted GWAS Hits: chr6:26.510564–Educational attainment, chr6:26.200677–Height

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

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omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	25.77205	Carotid intima media thickness	rs4712972
6	25.77381	Urate levels in lean individuals	rs2275906
6	25.77695	Cardiovascular disease risk factors	rs11754288
6	25.77695	Blood metabolite levels	rs11754288
6	25.79443	Blood metabolite levels	rs2762353
6	25.80132	Urate levels in overweight individuals	rs1165209
6	25.80132	Urate levels in lean individuals	rs1165209
6	25.81315	Urate levels	rs1165196
6	25.81315	Serum uric acid levels	rs1165196
6	25.81315	Urate levels in overweight individuals	rs1165196
6	25.81859	Blood metabolite ratios	rs1185567
6	25.81877	Urate levels in overweight individuals	rs1165152
6	25.82044	Iron status biomarkers	rs17270561
6	25.82162	Urate levels	rs1165151
6	25.82177	Red blood cell traits	rs17342717
6	25.82177	Iron status biomarkers	rs17342717
6	25.82344	Uric acid levels	rs1183201
6	25.84295	Hematology traits	rs1408272
6	25.84295	Iron status biomarkers	rs1408272
6	25.84295	Red blood cell traits	rs1408272
6	25.84295	Mean corpuscular hemoglobin	rs1408272

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	25.86937	Homocysteine levels	rs548987
6	25.87054	Urate levels	rs1165205
6	25.87442	Schizophrenia	rs13198474
6	25.89558	Blood pressure	rs6910741
6	25.91698	Height	rs1865760
6	25.99746	Iron status biomarkers	rs12216125
6	26.03161	HIV-1 viral setpoint	rs10484434
6	26.09118	Diastolic blood pressure	rs1799945
6	26.09118	Hypertension	rs1799945
6	26.09118	Systolic blood pressure	rs1799945
6	26.09118	Iron status biomarkers	rs1799945
6	26.09314	Iron status biomarkers	rs1800562
6	26.09314	Hematological parameters	rs1800562
6	26.09314	Hepcidin levels	rs1800562
6	26.09314	Cardiovascular disease risk factors	rs1800562
6	26.09314	LDL cholesterol	rs1800562
6	26.09314	Glycated hemoglobin levels	rs1800562
6	26.09314	Red blood cell traits	rs1800562
6	26.09314	Alcohol consumption (transferrin glycosylation)	rs1800562
6	26.09314	Cholesterol, total	rs1800562
6	26.09314	Hematology traits	rs1800562

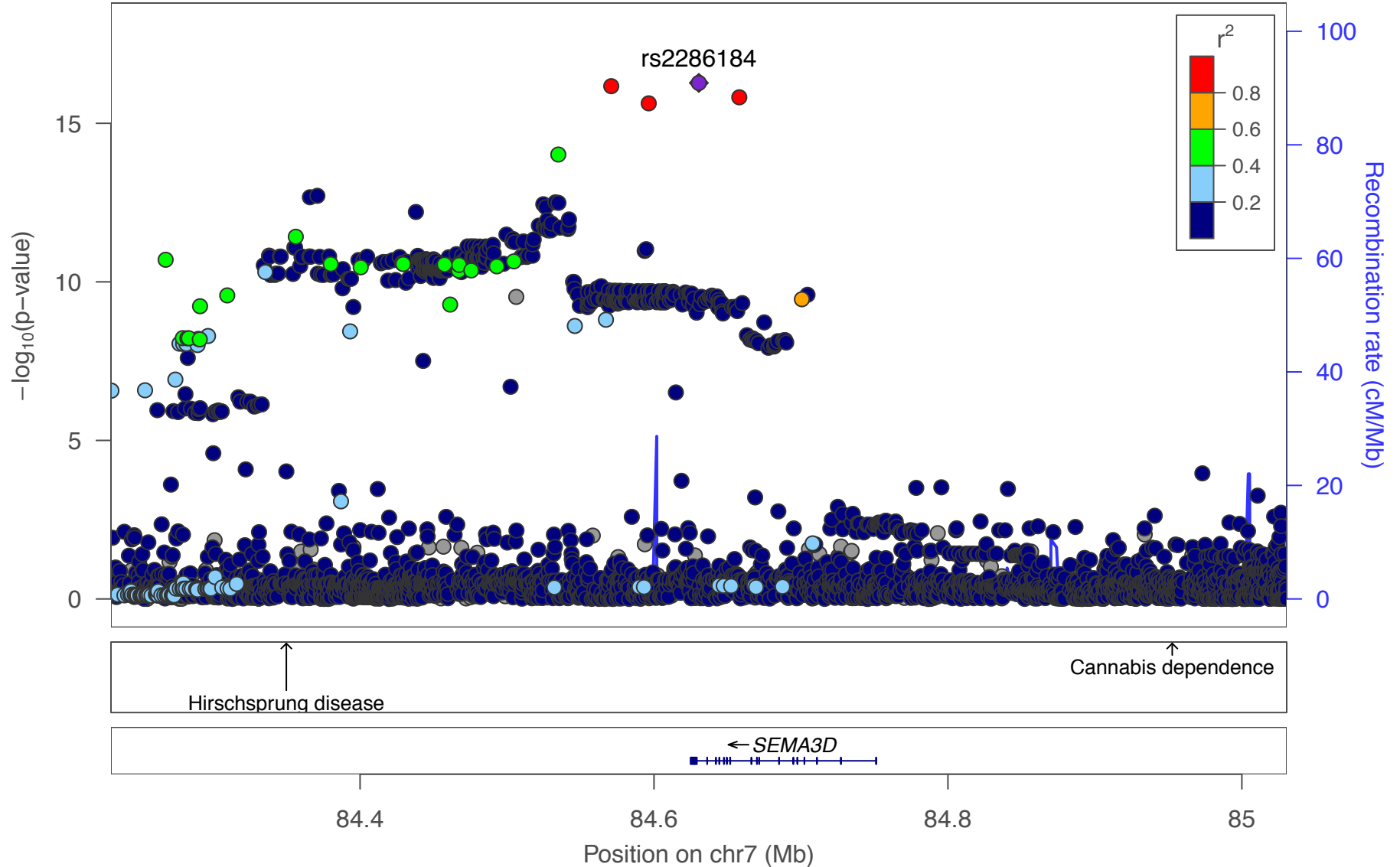
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	26.09314	Hemoglobin	rs1800562
6	26.09314	Hematocrit	rs1800562
6	26.09314	Mean corpuscular volume	rs1800562
6	26.09314	Iron status biomarkers (ferritin levels)	rs1800562
6	26.09314	Iron status biomarkers (transferrin saturation)	rs1800562
6	26.09314	Iron status biomarkers (transferrin levels)	rs1800562
6	26.09314	Iron status biomarkers (iron levels)	rs1800562
6	26.09314	Mean corpuscular hemoglobin	rs1800562
6	26.09738	Schizophrenia	rs6918586
6	26.10746	Blood pressure	rs198846
6	26.10746	Hemoglobin	rs198846
6	26.10746	Mean corpuscular volume	rs198846
6	26.11698	Bilirubin levels	rs12206204
6	26.12845	Narcolepsy with cataplexy	rs198811
6	26.15748	Height	rs4141885
6	26.20068	Height	rs806794
6	26.23339	Height	rs10946808
6	26.26007	Plasma omega–6 polyunsaturated fatty acid levels (linoleic acid)	rs4476815
6	26.27255	Schizophrenia	rs61747867
6	26.27665	Educational attainment	rs9393692
6	26.32589	Educational attainment (years of education)	rs2179152

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
6	26.40989	Schizophrenia	rs41266839
6	26.50056	Iron status biomarkers	rs13194984
6	26.51056	Educational attainment	rs1056667

TBSS_MO_Pontine_crossing_tract



date: Thu Aug 17 18:06:12 2017

build: hg19

display range: chr7:84230516–85030516 [84230516–85030516]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr7:84630516

number of SNPs plotted: 3260

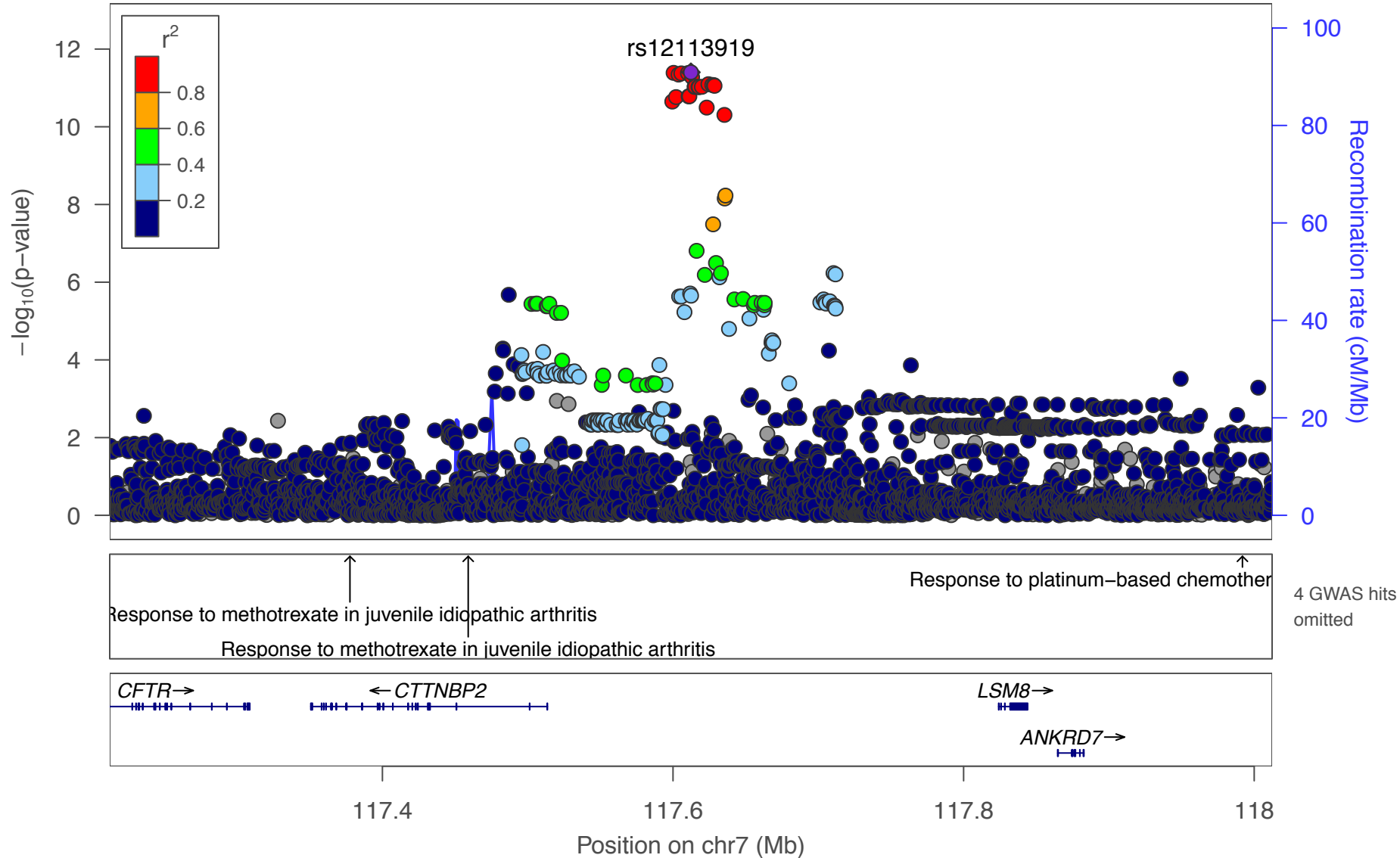
min P.value: 5.31E–17 [chr7:84630516]

max P.value: 10E–1 [chr7:84419665]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
7	84.34984	Hirschsprung disease	rs80227144
7	84.95263	Cannabis dependence	rs12534830

TBSS_OD_Genu_of_corpus_callosum



date: Thu Aug 17 18:07:04 2017

build: hg19

display range: chr7:117212315–118012315 [117212315–118012315]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr7:117612315

number of SNPs plotted: 3195

min P.value: 3.96E–12 [chr7:117612315]

max P.value: 10E–1 [chr7:117436438]

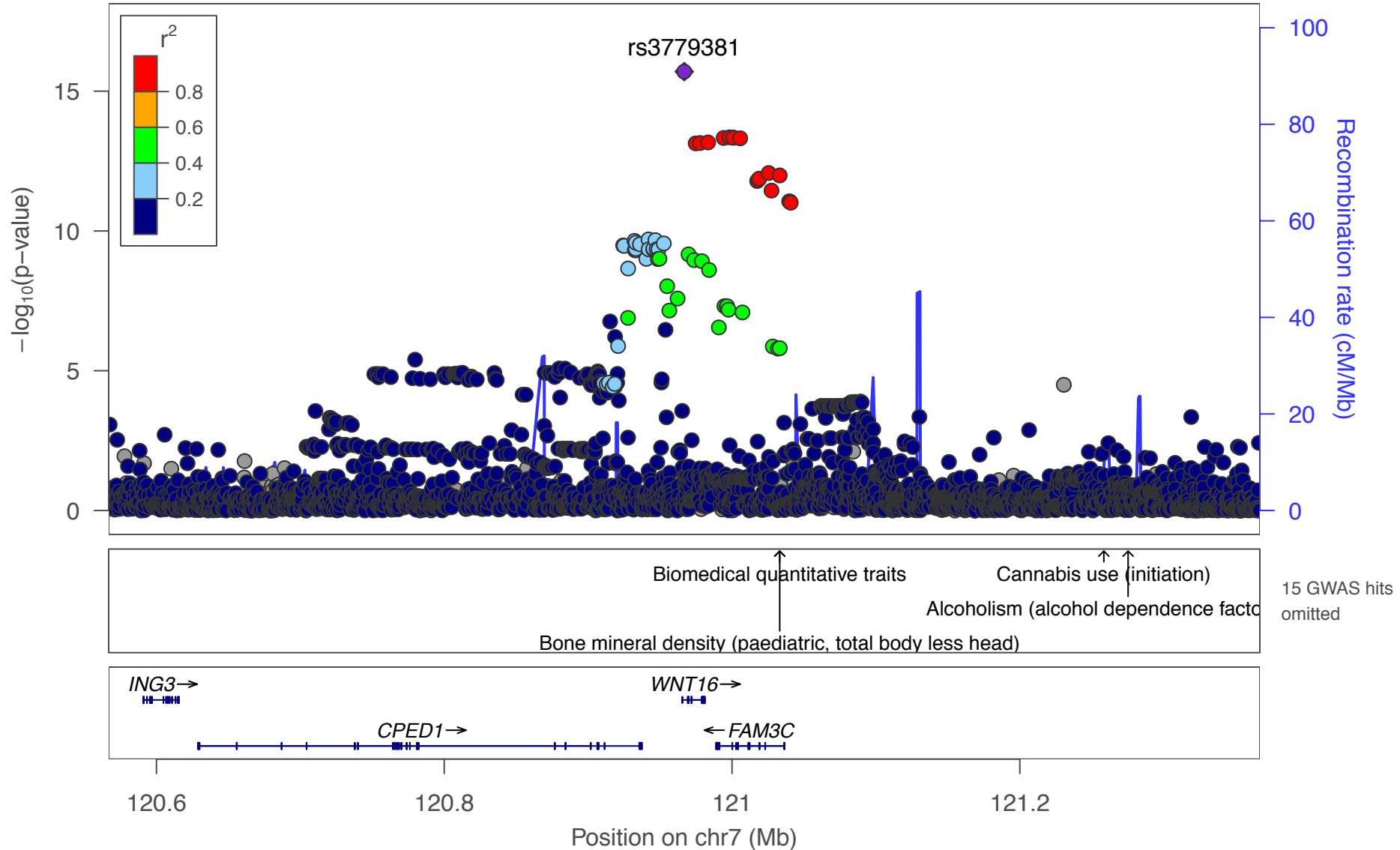
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
7	117.2567	Barrett's esophagus or Esophageal adenocarcinoma	rs17451754
7	117.3776	Response to methotrexate in juvenile idiopathic arthritis	rs757278
7	117.4590	Response to methotrexate in juvenile idiopathic arthritis	rs7800668
7	117.5237	Depression	rs10233018
7	117.5296	Neuroticism	rs10244364
7	117.6748	Parental longevity (mother's age at death)	rs76108901
7	117.9919	Response to platinum-based chemotherapy in non-small-cell lung cancer	rs41997

volume_BrainSegVol-to-eTIV



date: Thu Aug 17 18:34:43 2017

build: hg19

display range: chr7:120566790–121366790 [120566790–121366790]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr7:120966790

number of SNPs plotted: 3489

min P.value: $2E-16$ [chr7:120966790]

max P.value: $10E-1$ [chr7:121323676]

omitted GWAS Hits: chr7:121.258371–Cannabis use (initiation), NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

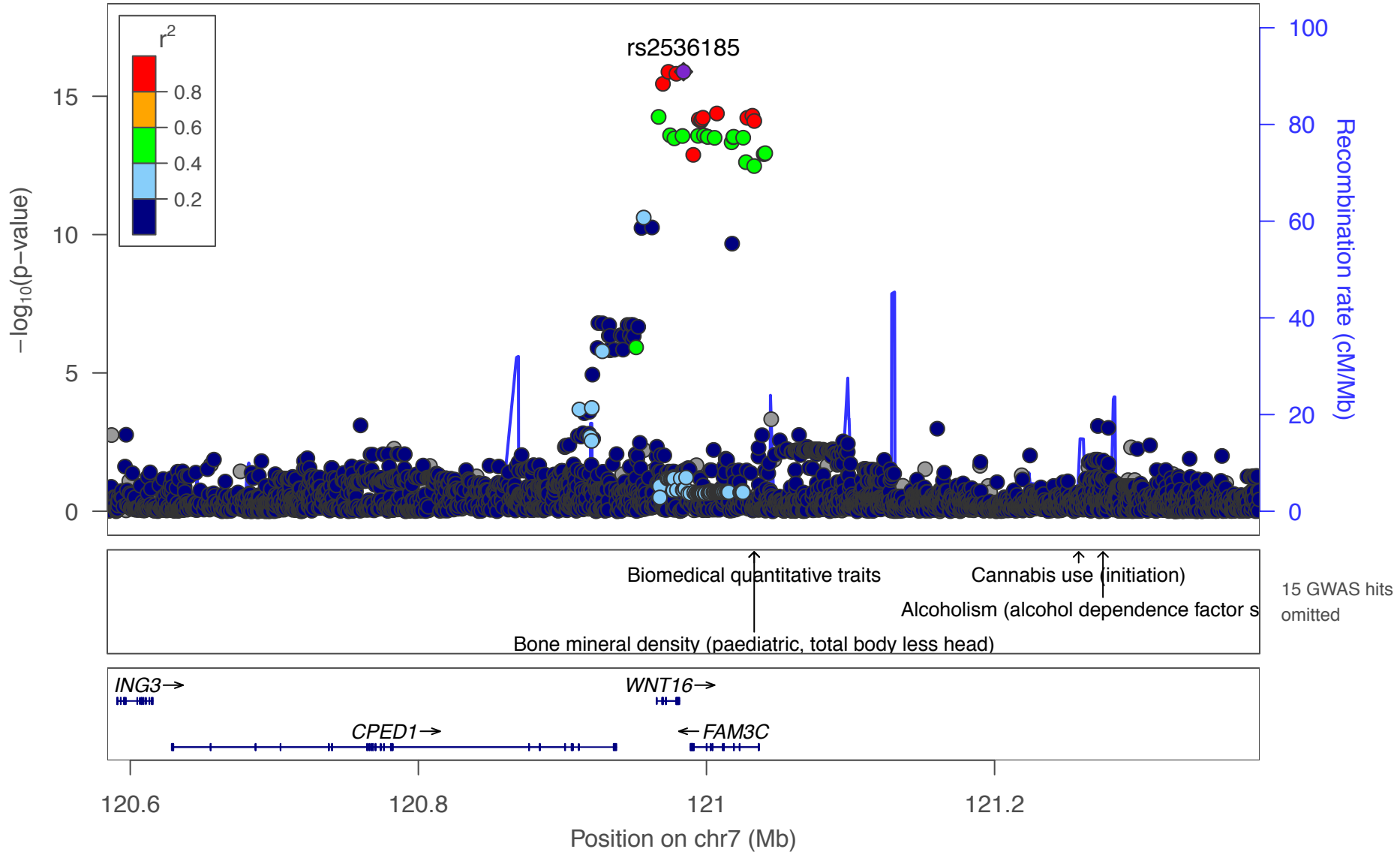
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
7	120.7473	Bone mineral density (paediatric, skull)	rs13223036
7	120.7589	Bone mineral density (paediatric, upper limb)	rs798943
7	120.7851	Bone mineral density	rs13245690
7	120.8435	Pediatric areal bone mineral density (radius)	rs7797976
7	120.8435	Pediatric bone mineral content (radius)	rs7797976
7	120.9038	Bone mineral density	rs4609139
7	120.9622	Bone properties (heel)	rs2908007
7	120.9698	Bone mineral density (paediatric, lower limb)	rs2908004
7	120.9698	Bone mineral density	rs2908004
7	120.9748	Bone mineral density	rs3801387
7	120.9791	Cortical thickness	rs2707466
7	120.9833	Bone mineral density	rs10242100
7	121.0186	Bone mineral density	rs917727
7	121.0331	Biomedical quantitative traits	rs7776725
7	121.0331	Bone mineral density (paediatric, total body less head)	rs7776725
7	121.0331	Bone mineral density (total hip)	rs7776725
7	121.0331	Bone mineral density (femoral neck)	rs7776725
7	121.2584	Cannabis use (initiation)	rs28581422
7	121.2752	Alcoholism (alcohol dependence factor score)	rs10253361

volume_MaskVol



date: Thu Aug 17 18:35:37 2017

build: hg19

display range: chr7:120584041–121384041 [120584041–121384041]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr7:120984041

number of SNPs plotted: 3498

min P.value: 1.3E–16 [chr7:120984041]

max P.value: 10E–1 [chr7:120938077]

omitted GWAS Hits: chr7:121.258371–Cannabis use (initiation), NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

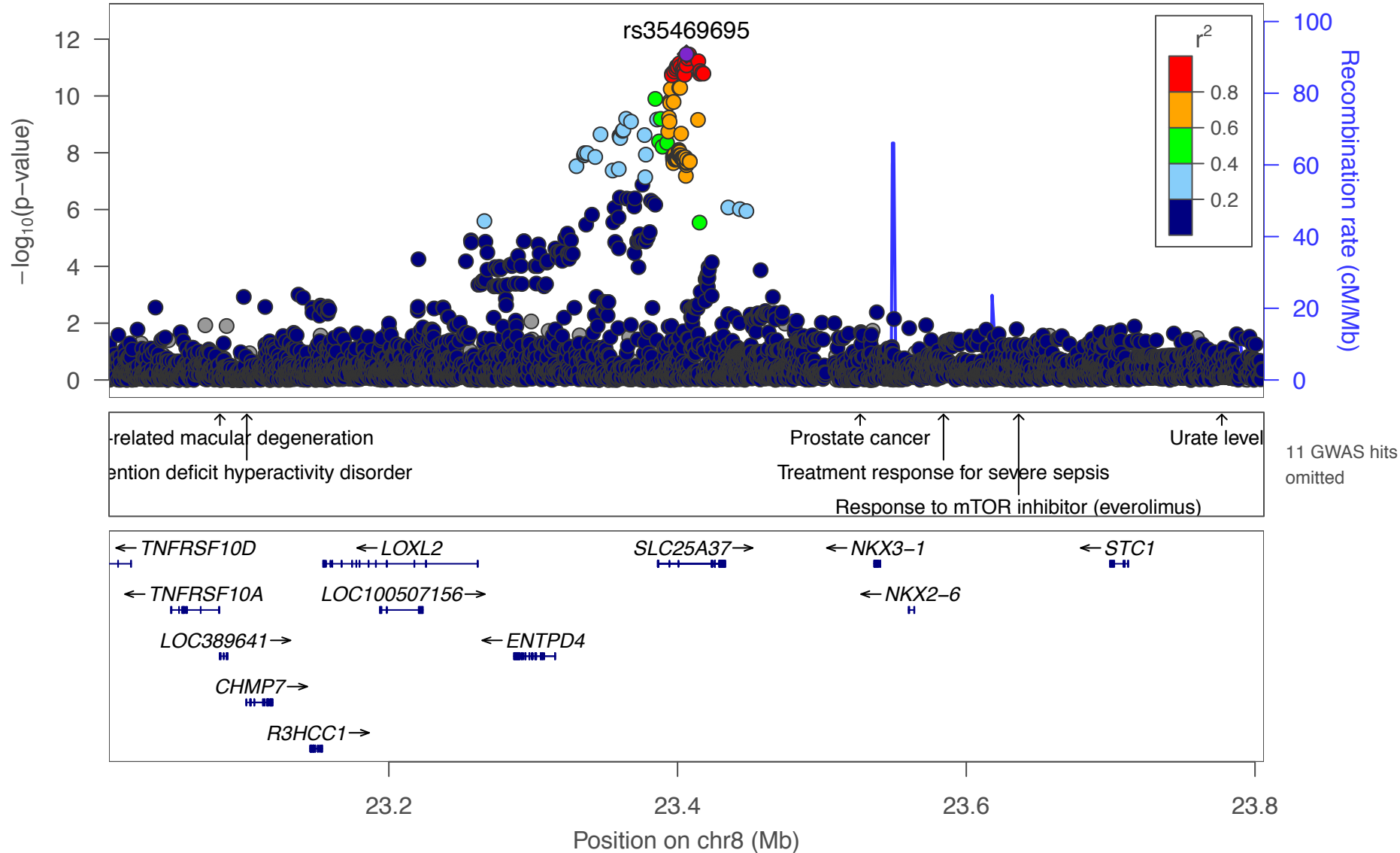
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
7	120.7473	Bone mineral density (paediatric, skull)	rs13223036
7	120.7589	Bone mineral density (paediatric, upper limb)	rs798943
7	120.7851	Bone mineral density	rs13245690
7	120.8435	Pediatric areal bone mineral density (radius)	rs7797976
7	120.8435	Pediatric bone mineral content (radius)	rs7797976
7	120.9038	Bone mineral density	rs4609139
7	120.9622	Bone properties (heel)	rs2908007
7	120.9698	Bone mineral density (paediatric, lower limb)	rs2908004
7	120.9698	Bone mineral density	rs2908004
7	120.9748	Bone mineral density	rs3801387
7	120.9791	Cortical thickness	rs2707466
7	120.9833	Bone mineral density	rs10242100
7	121.0186	Bone mineral density	rs917727
7	121.0331	Biomedical quantitative traits	rs7776725
7	121.0331	Bone mineral density (paediatric, total body less head)	rs7776725
7	121.0331	Bone mineral density (total hip)	rs7776725
7	121.0331	Bone mineral density (femoral neck)	rs7776725
7	121.2584	Cannabis use (initiation)	rs28581422
7	121.2752	Alcoholism (alcohol dependence factor score)	rs10253361

SWI_T2star_right_putamen



date: Thu Aug 17 18:20:59 2017

build: hg19

display range: chr8:23006169–23806169 [23006169–23806169]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr8:23406169

number of SNPs plotted: 4695

min P.value: 3.37E–12 [chr8:23406169]

max P.value: 10E–1 [chr8:23352178]

omitted GWAS Hits: chr8:23.777006–Urate levels, NA

omitted GWAS Hits: NA, NA

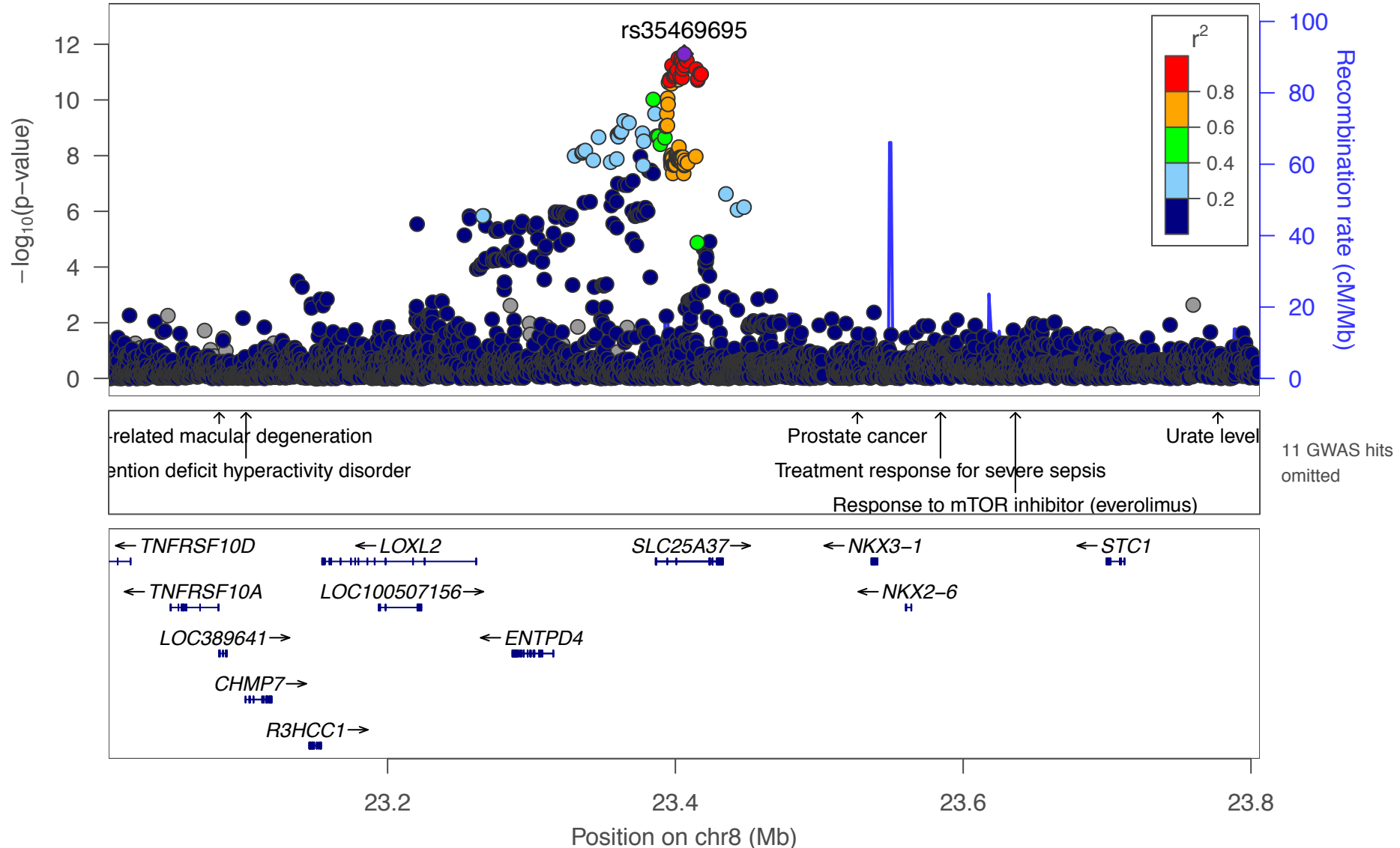
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
8	23.08297	Age-related macular degeneration	rs13278062
8	23.08297	Advanced age-related macular degeneration	rs79037040
8	23.10162	Attention deficit hyperactivity disorder	rs7463256
8	23.50726	Prostate cancer	rs142463603
8	23.50738	Post bronchodilator FEV1/FVC ratio in COPD	rs147410223
8	23.50738	Post bronchodilator FEV1/FVC ratio	rs147410223
8	23.52646	Prostate cancer	rs1512268
8	23.53402	Prostate cancer	rs10503733
8	23.58423	Treatment response for severe sepsis	rs13273073
8	23.60332	Waist-to-hip ratio adjusted for body mass index	rs7830933
8	23.63628	Response to mTOR inhibitor (everolimus)	rs218869
8	23.64349	Preschool internalizing problems	rs310272
8	23.71499	Glomerular filtration rate (creatinine)	rs3758086
8	23.75115	Glomerular filtration rate in non diabetics (creatinine)	rs10109414
8	23.75115	Chronic kidney disease	rs10109414
8	23.75115	Glomerular filtration rate	rs10109414
8	23.77701	Urate levels	rs17786744

SWI_T2star_left_putamen_plus_right_putamen



date: Thu Aug 17 18:21:00 2017

build: hg19

display range: chr8:23006169–23806169 [23006169–23806169]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr8:23406169

number of SNPs plotted: 4695

min P.value: 2.22E–12 [chr8:23406169]

max P.value: 10E–1 [chr8:23155376]

omitted GWAS Hits: chr8:23.777006–Urate levels, NA

omitted GWAS Hits: NA, NA

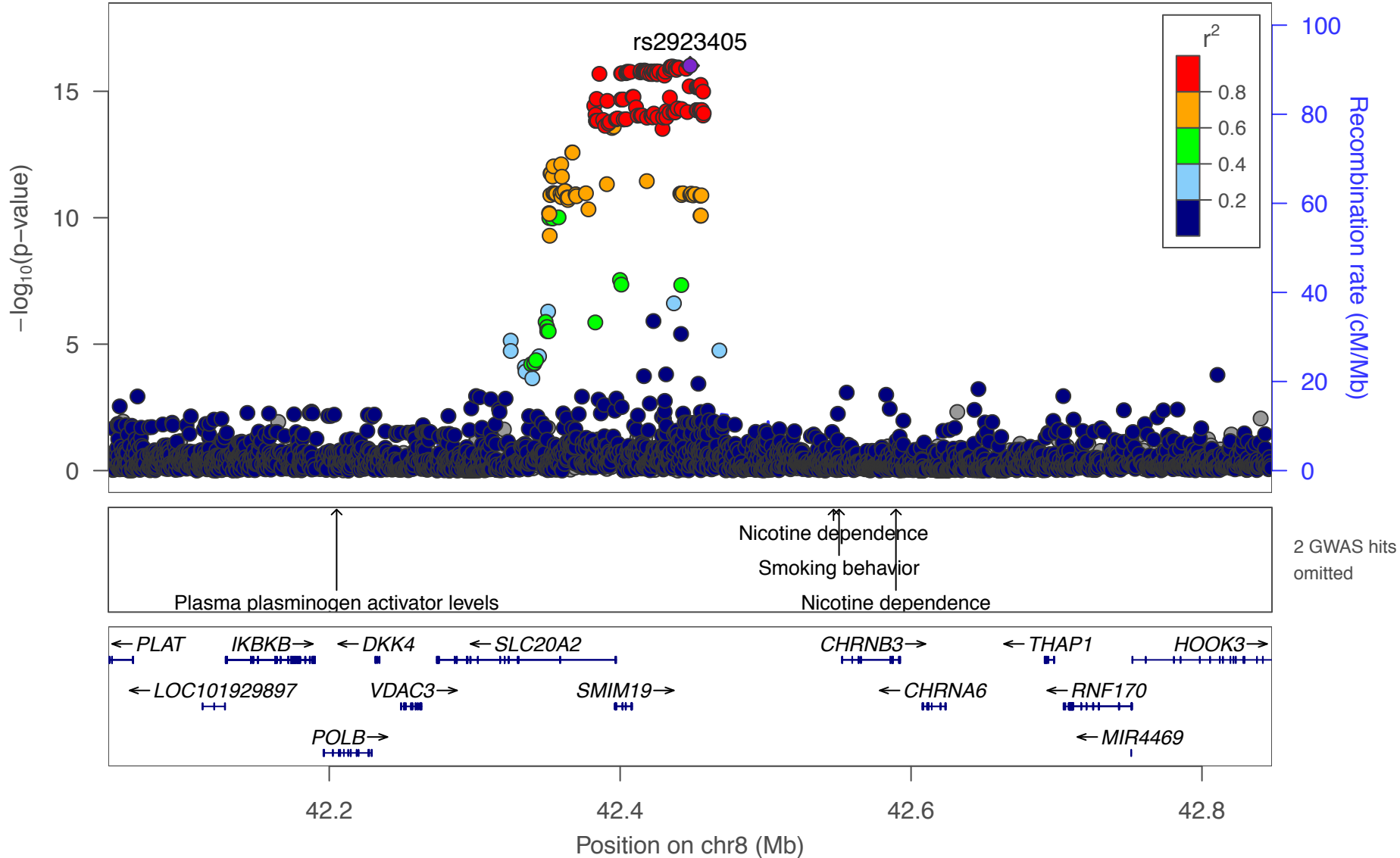
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
8	23.08297	Age-related macular degeneration	rs13278062
8	23.08297	Advanced age-related macular degeneration	rs79037040
8	23.10162	Attention deficit hyperactivity disorder	rs7463256
8	23.50726	Prostate cancer	rs142463603
8	23.50738	Post bronchodilator FEV1/FVC ratio in COPD	rs147410223
8	23.50738	Post bronchodilator FEV1/FVC ratio	rs147410223
8	23.52646	Prostate cancer	rs1512268
8	23.53402	Prostate cancer	rs10503733
8	23.58423	Treatment response for severe sepsis	rs13273073
8	23.60332	Waist-to-hip ratio adjusted for body mass index	rs7830933
8	23.63628	Response to mTOR inhibitor (everolimus)	rs218869
8	23.64349	Preschool internalizing problems	rs310272
8	23.71499	Glomerular filtration rate (creatinine)	rs3758086
8	23.75115	Glomerular filtration rate in non diabetics (creatinine)	rs10109414
8	23.75115	Chronic kidney disease	rs10109414
8	23.75115	Glomerular filtration rate	rs10109414
8	23.77701	Urate levels	rs17786744

FIRST_left_pallidum_volume



date: Thu Aug 17 18:35:28 2017

build: hg19

display range: chr8:42048126–42848126 [42048126–42848126]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr8:42448126

number of SNPs plotted: 3233

min P.value: 9.68E–17 [chr8:42448126]

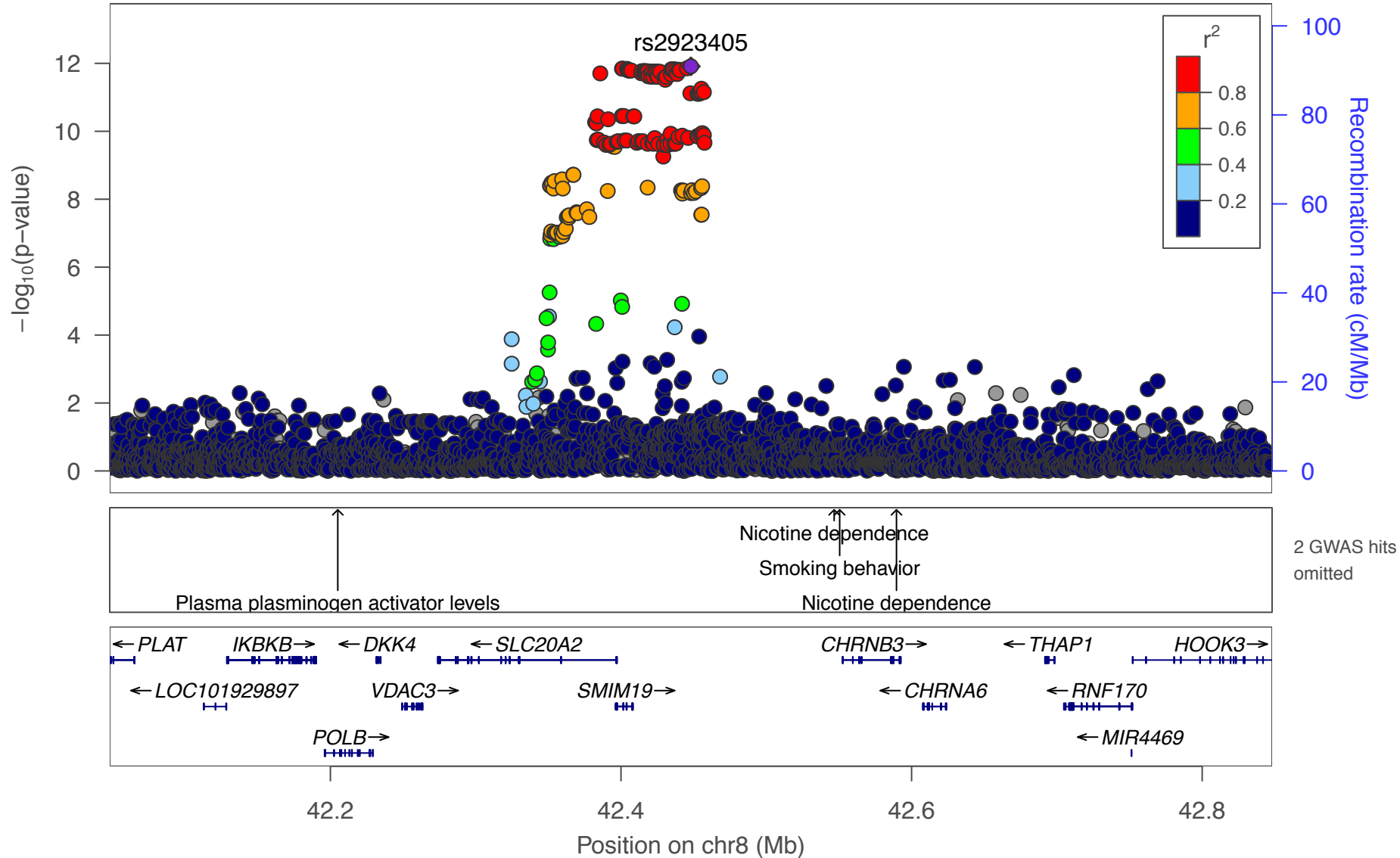
max P.value: 9.99E–1 [chr8:42213126]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
8	42.20508	Plasma plasminogen activator levels	rs3136739
8	42.47227	Gut microbiota (functional units)	rs7016086
8	42.54671	Nicotine dependence	rs1451240
8	42.55050	Smoking behavior	rs6474412
8	42.58960	Nicotine dependence	rs55828312
8	42.65818	Pelvic organ prolapse (moderate/severe)	rs9772809

FIRST_right_pallidum_volume



date: Thu Aug 17 18:35:27 2017

build: hg19

display range: chr8:42048126–42848126 [42048126–42848126]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr8:42448126

number of SNPs plotted: 3233

min P.value: 1.22E–12 [chr8:42448126]

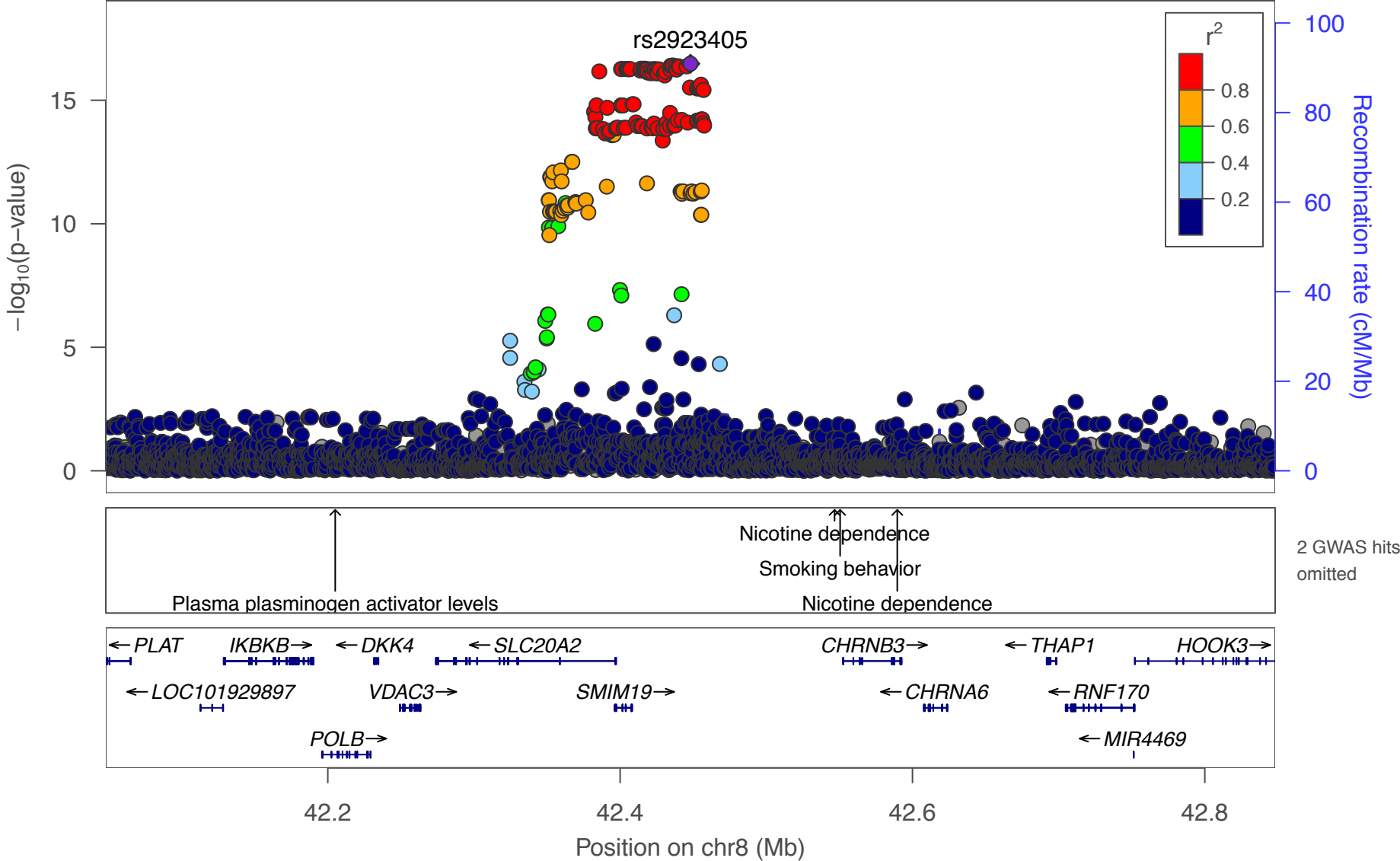
max P.value: 10E–1 [chr8:42443310]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
8	42.20508	Plasma plasminogen activator levels	rs3136739
8	42.47227	Gut microbiota (functional units)	rs7016086
8	42.54671	Nicotine dependence	rs1451240
8	42.55050	Smoking behavior	rs6474412
8	42.58960	Nicotine dependence	rs55828312
8	42.65818	Pelvic organ prolapse (moderate/severe)	rs9772809

FIRST_left_pallidum_volume_plus_FIRST_right_pallidum_volume



date: Thu Aug 17 18:16:48 2017

build: hg19

display range: chr8:42048126–42848126 [42048126–42848126]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr8:42448126

number of SNPs plotted: 3233

min P.value: 3.31E–17 [chr8:42448126]

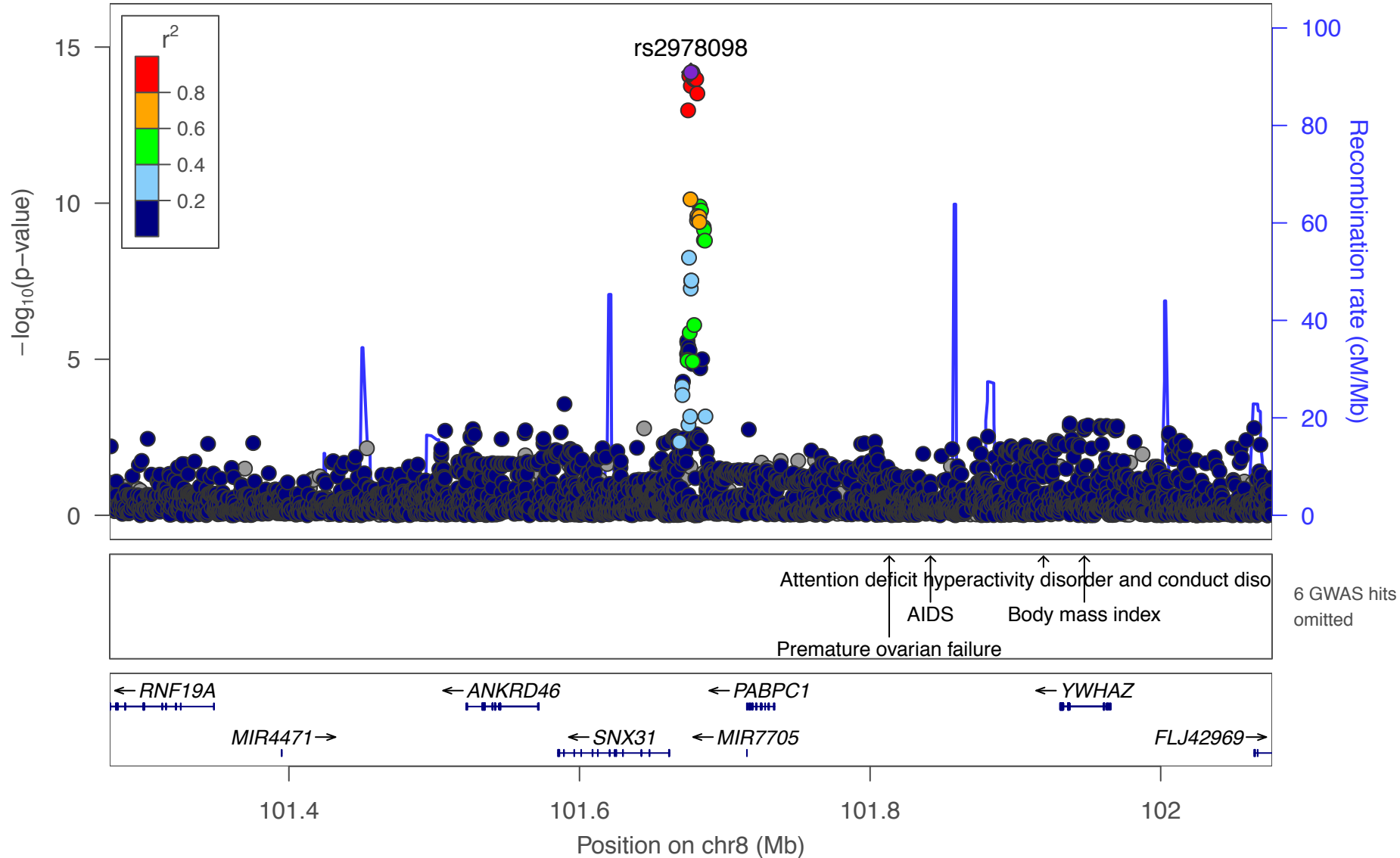
max P.value: 10E–1 [chr8:42771878]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
8	42.20508	Plasma plasminogen activator levels	rs3136739
8	42.47227	Gut microbiota (functional units)	rs7016086
8	42.54671	Nicotine dependence	rs1451240
8	42.55050	Smoking behavior	rs6474412
8	42.58960	Nicotine dependence	rs55828312
8	42.65818	Pelvic organ prolapse (moderate/severe)	rs9772809

SWI_T2star_left_pallidum_plus_right_pallidum



date: Thu Aug 17 18:38:36 2017

build: hg19

display range: chr8:101276675–102076675 [101276675–102076675]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr8:101676675

number of SNPs plotted: 3823

min P.value: 6.43E–15 [chr8:101676675]

max P.value: 10E–1 [chr8:102066162]

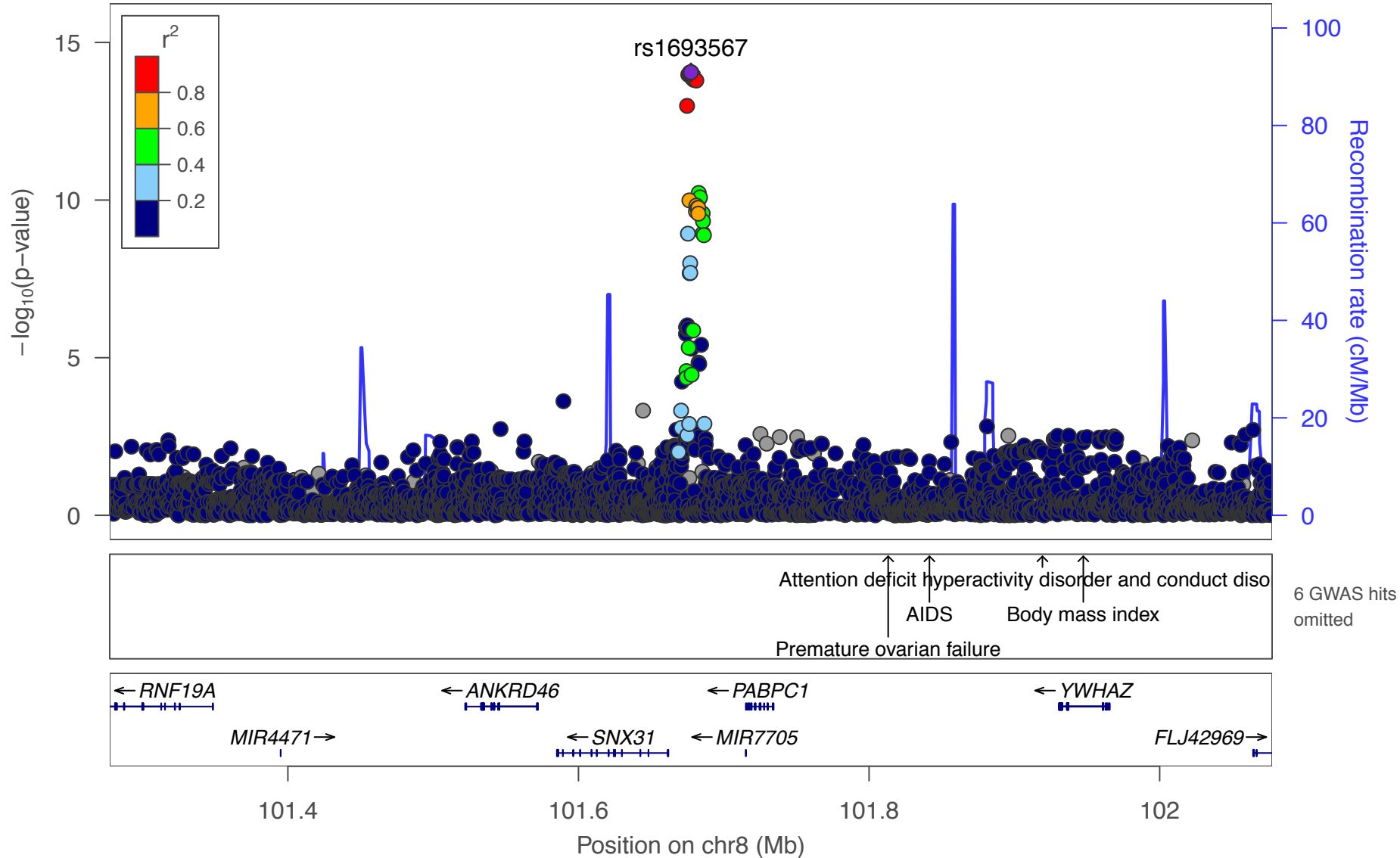
omitted GWAS Hits: chr8:101.947453–Body mass index, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
8	101.3302	Atrioventricular conduction	rs1371867
8	101.4318	Asthma	rs7830057
8	101.5146	Percentage gas trapping	rs2844036
8	101.6828	Cerebrospinal fluid clusterin levels	rs1693575
8	101.8072	Alcohol consumption	rs36061340
8	101.8132	Premature ovarian failure	rs3847153
8	101.8415	AIDS	rs3108919
8	101.9193	Attention deficit hyperactivity disorder and conduct disorder	rs931812
8	101.9475	Body mass index	rs3134353
8	102.0459	Cognitive decline rate in late mild cognitive impairment	rs116237496

SWI_T2star_right_pallidum



date: Thu Aug 17 18:38:36 2017

build: hg19

display range: chr8:101277386–102077386 [101277386–102077386]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr8:101677386

number of SNPs plotted: 3822

min P.value: 8.85E–15 [chr8:101677386]

max P.value: 10E–1 [chr8:101343125]

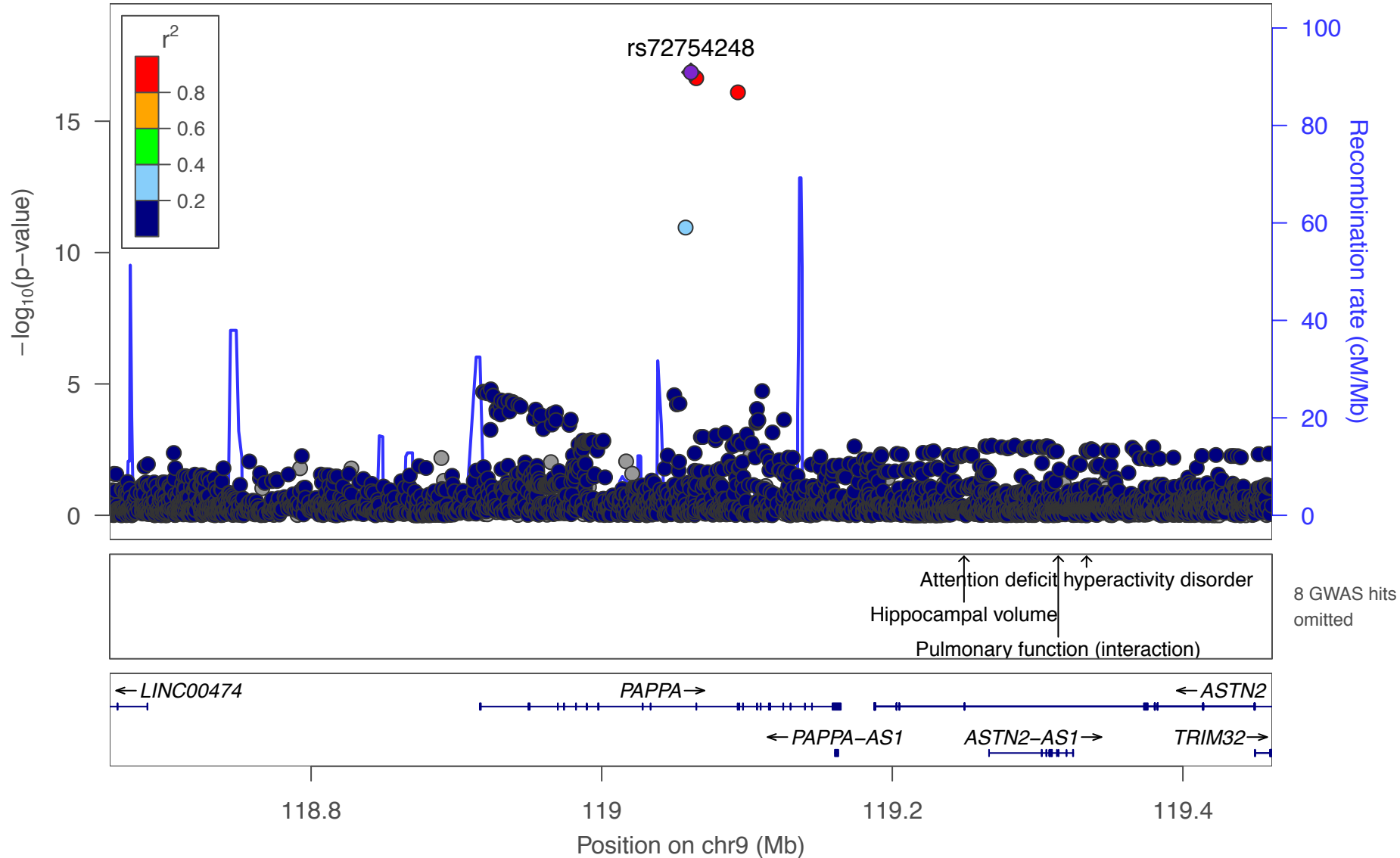
omitted GWAS Hits: chr8:101.947453–Body mass index, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
8	101.3302	Atrioventricular conduction	rs1371867
8	101.4318	Asthma	rs7830057
8	101.5146	Percentage gas trapping	rs2844036
8	101.6828	Cerebrospinal fluid clusterin levels	rs1693575
8	101.8072	Alcohol consumption	rs36061340
8	101.8132	Premature ovarian failure	rs3847153
8	101.8415	AIDS	rs3108919
8	101.9193	Attention deficit hyperactivity disorder and conduct disorder	rs931812
8	101.9475	Body mass index	rs3134353
8	102.0459	Cognitive decline rate in late mild cognitive impairment	rs116237496

FAST_ROIs_L_cerebellum_crus_I



date: Thu Aug 17 18:28:35 2017

build: hg19

display range: chr9:118661396–119461396 [118661396–119461396]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr9:119061396

number of SNPs plotted: 3336

min P.value: 1.38E–17 [chr9:119061396]

max P.value: 10E–1 [chr9:119129825]

omitted GWAS Hits: NA, NA

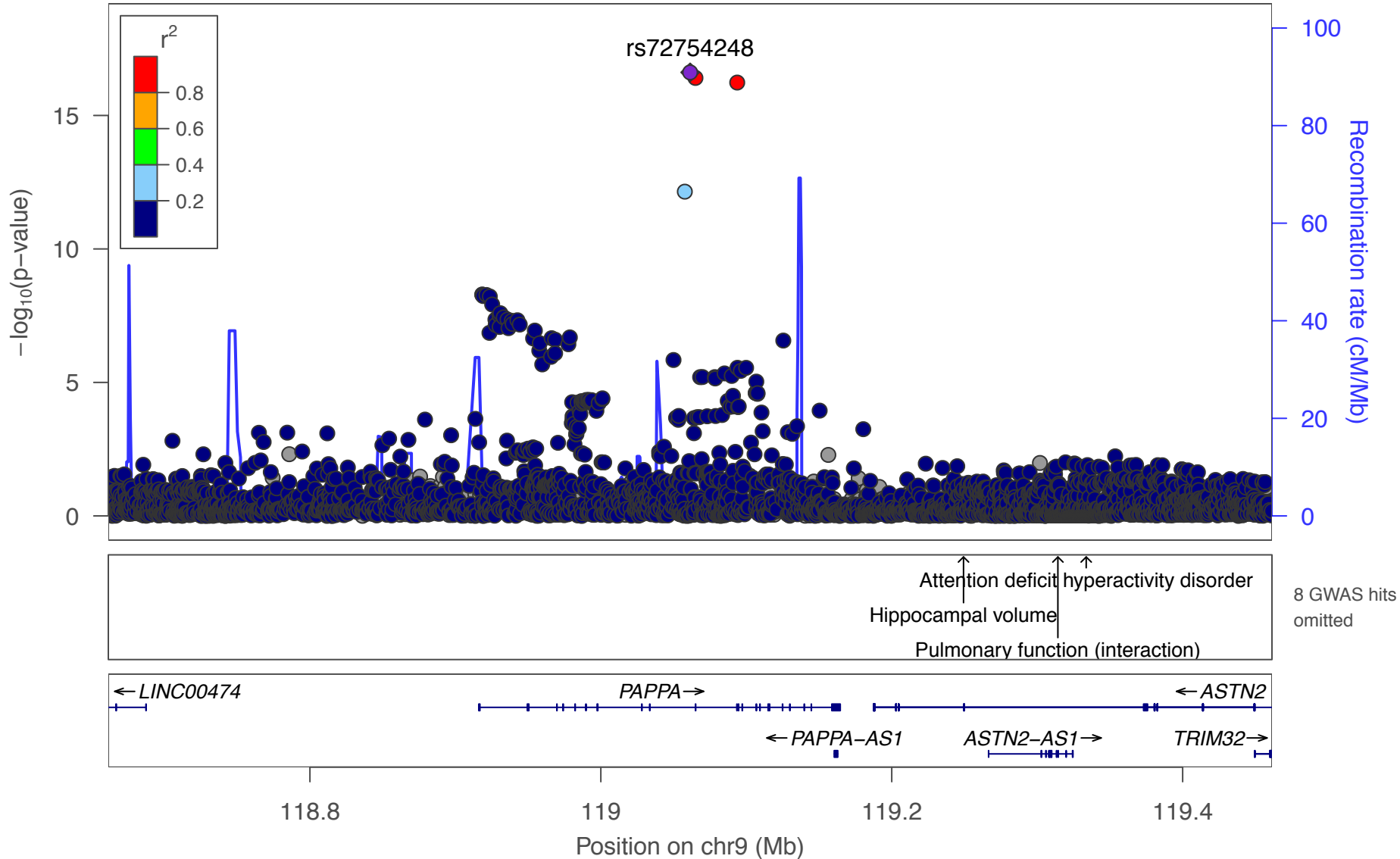
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
9	118.9567	Conotruncal heart defects	rs436582
9	118.9650	3-hydroxypropylmercapturic acid levels in smokers	rs1003858
9	119.1223	Height	rs751543
9	119.1348	Height	rs7869550
9	119.1818	Migraine	rs17303101
9	119.2493	Hippocampal volume	rs7852872
9	119.2526	Migraine	rs6478241
9	119.2526	Migraine without aura	rs6478241
9	119.2526	Migraine – clinic-based	rs6478241
9	119.3142	Pulmonary function (interaction)	rs13290997
9	119.3337	Attention deficit hyperactivity disorder	rs10983238

volume_Left-Cerebellum-Cortex



date: Thu Aug 17 18:10:37 2017

build: hg19

display range: chr9:118661396–119461396 [118661396–119461396]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr9:119061396

number of SNPs plotted: 3336

min P.value: 2.43E–17 [chr9:119061396]

max P.value: 9.99E–1 [chr9:119342366]

omitted GWAS Hits: NA, NA

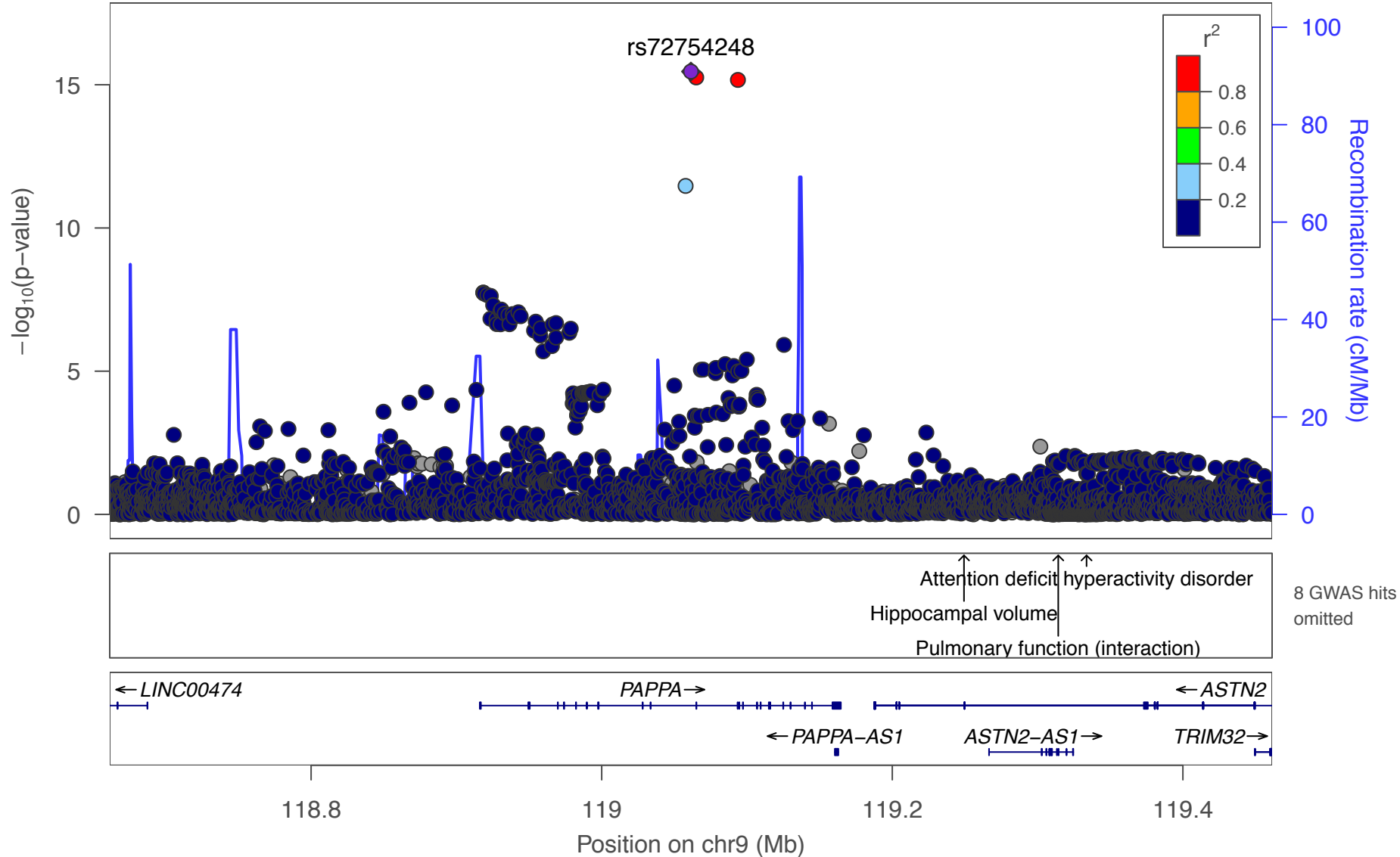
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
9	118.9567	Conotruncal heart defects	rs436582
9	118.9650	3-hydroxypropylmercapturic acid levels in smokers	rs1003858
9	119.1223	Height	rs751543
9	119.1348	Height	rs7869550
9	119.1818	Migraine	rs17303101
9	119.2493	Hippocampal volume	rs7852872
9	119.2526	Migraine	rs6478241
9	119.2526	Migraine without aura	rs6478241
9	119.2526	Migraine – clinic-based	rs6478241
9	119.3142	Pulmonary function (interaction)	rs13290997
9	119.3337	Attention deficit hyperactivity disorder	rs10983238

volume_Right-Cerebellum-Cortex



date: Thu Aug 17 18:22:31 2017

build: hg19

display range: chr9:118661396–119461396 [118661396–119461396]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr9:119061396

number of SNPs plotted: 3336

min P.value: 3.45E–16 [chr9:119061396]

max P.value: 10E–1 [chr9:118668675]

omitted GWAS Hits: NA, NA

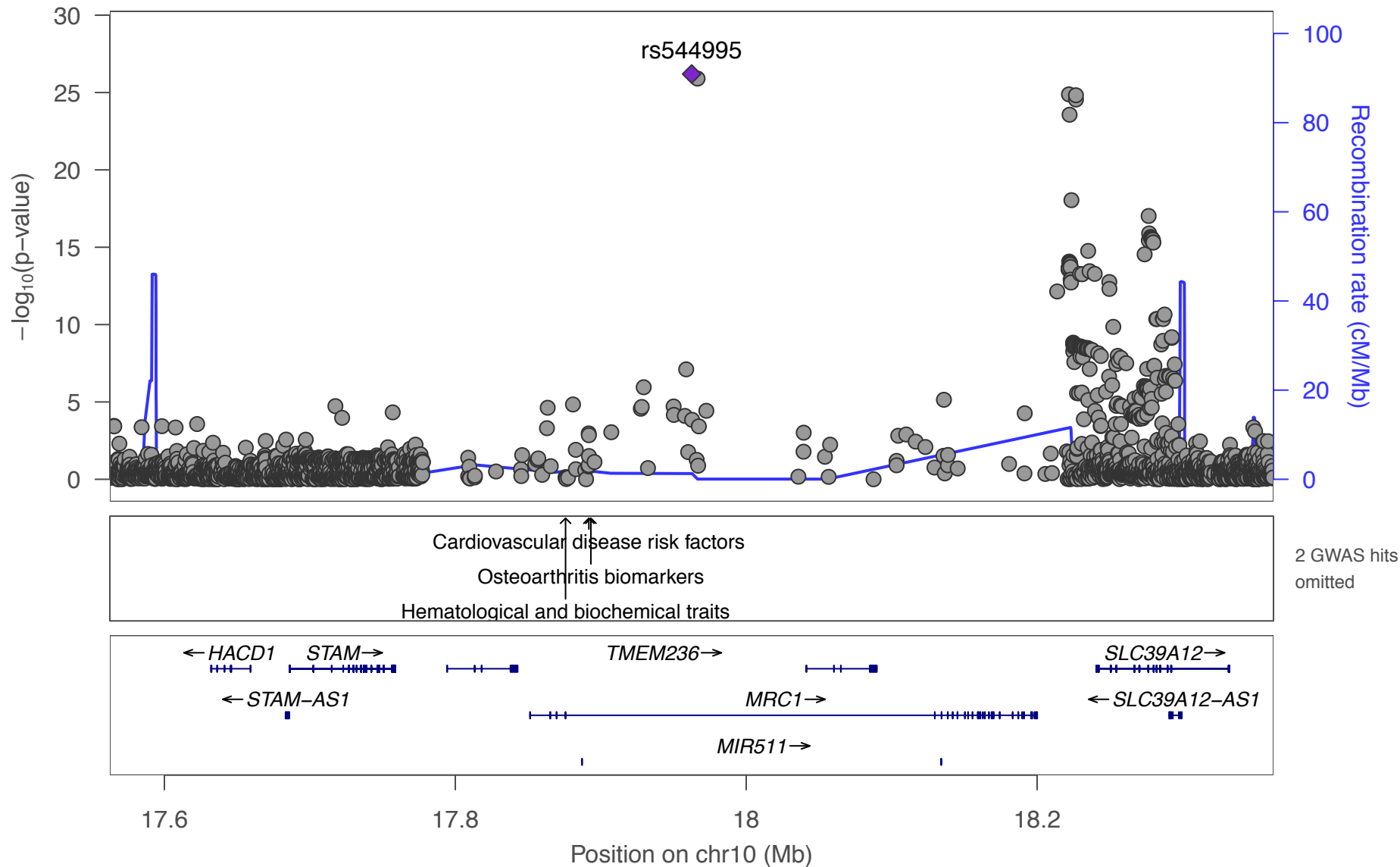
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
9	118.9567	Conotruncal heart defects	rs436582
9	118.9650	3-hydroxypropylmercapturic acid levels in smokers	rs1003858
9	119.1223	Height	rs751543
9	119.1348	Height	rs7869550
9	119.1818	Migraine	rs17303101
9	119.2493	Hippocampal volume	rs7852872
9	119.2526	Migraine	rs6478241
9	119.2526	Migraine without aura	rs6478241
9	119.2526	Migraine – clinic-based	rs6478241
9	119.3142	Pulmonary function (interaction)	rs13290997
9	119.3337	Attention deficit hyperactivity disorder	rs10983238

SWI_T2star_left_caudate



date: Thu Aug 17 17:52:01 2017

build: hg19

display range: chr10:17562506–18362506 [17562506–18362506]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17962506

number of SNPs plotted: 2378

min P.value: 6.37E–27 [chr10:17962506]

max P.value: 9.99E–1 [chr10:17720533]

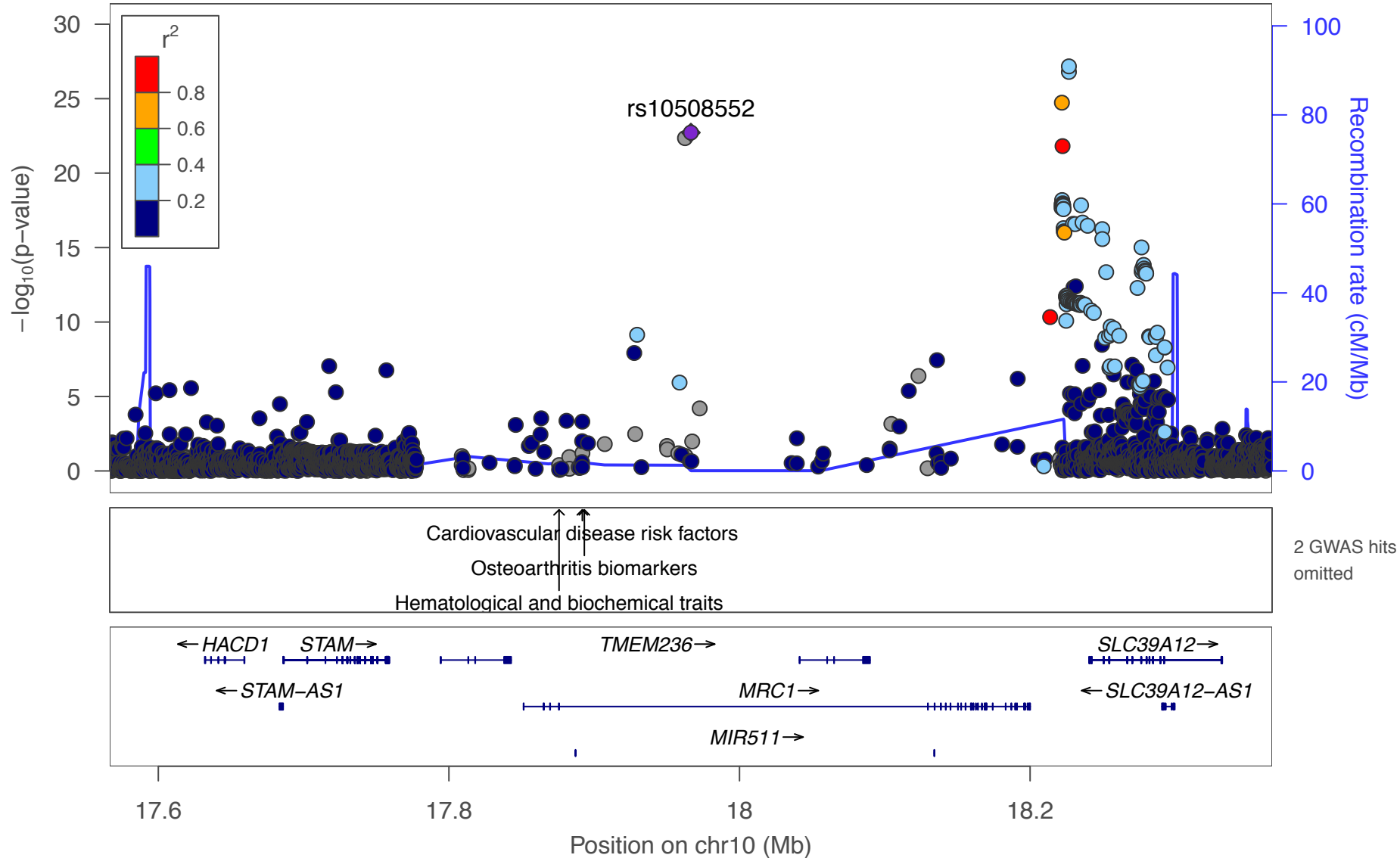
omitted GWAS Hits: NA, NA

Warning: No usable LD information for reference SNP.

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_right_caudate



date: Thu Aug 17 18:05:07 2017

build: hg19

display range: chr10:17566561–18366561 [17566561–18366561]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17966561

number of SNPs plotted: 2390

min P.value: 6.76E–28 [chr10:18226714]

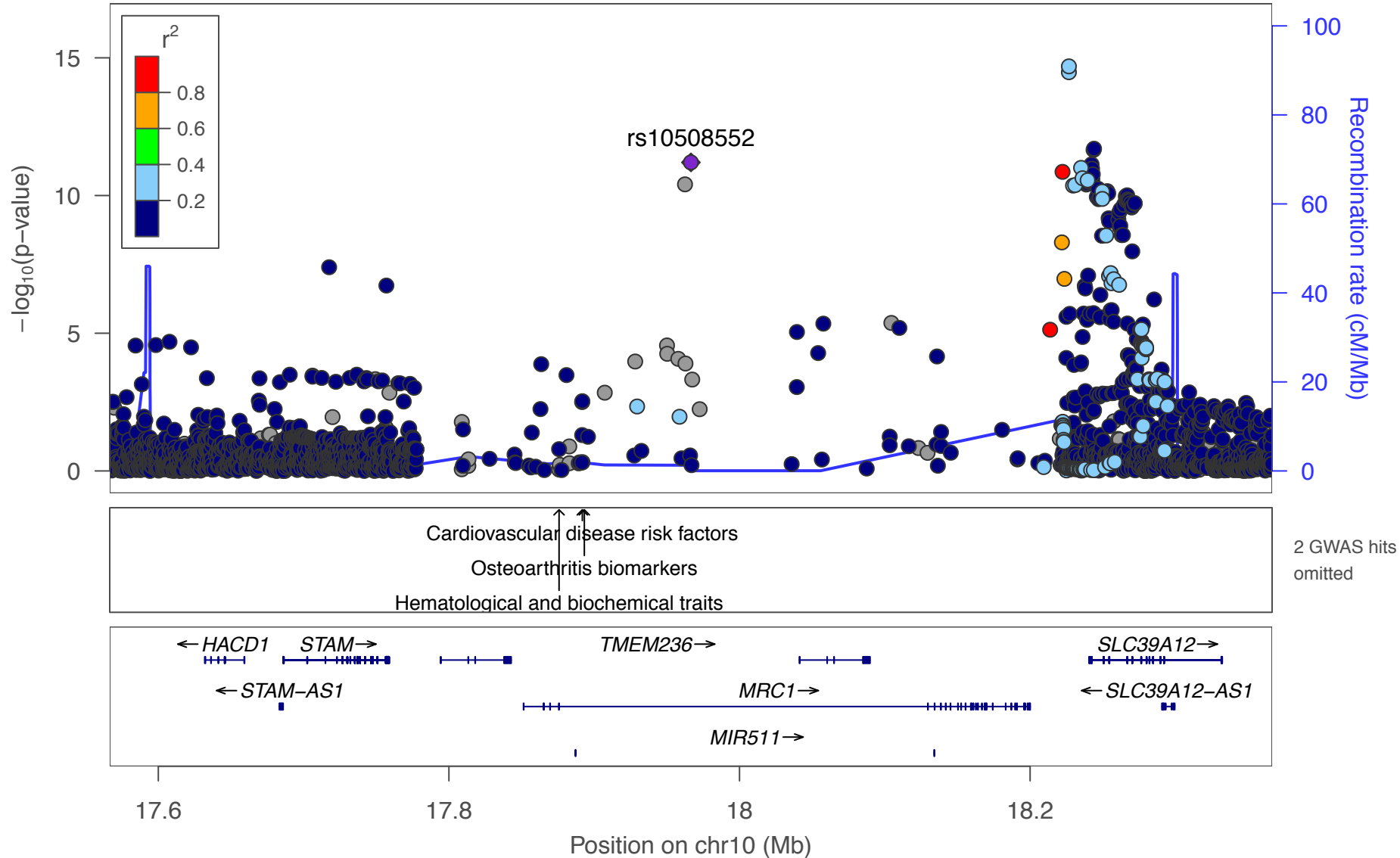
max P.value: 10E–1 [chr10:17593986]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_left_putamen



date: Thu Aug 17 18:05:08 2017

build: hg19

display range: chr10:17566561–18366561 [17566561–18366561]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17966561

number of SNPs plotted: 2390

min P.value: 2.04E–15 [chr10:18226714]

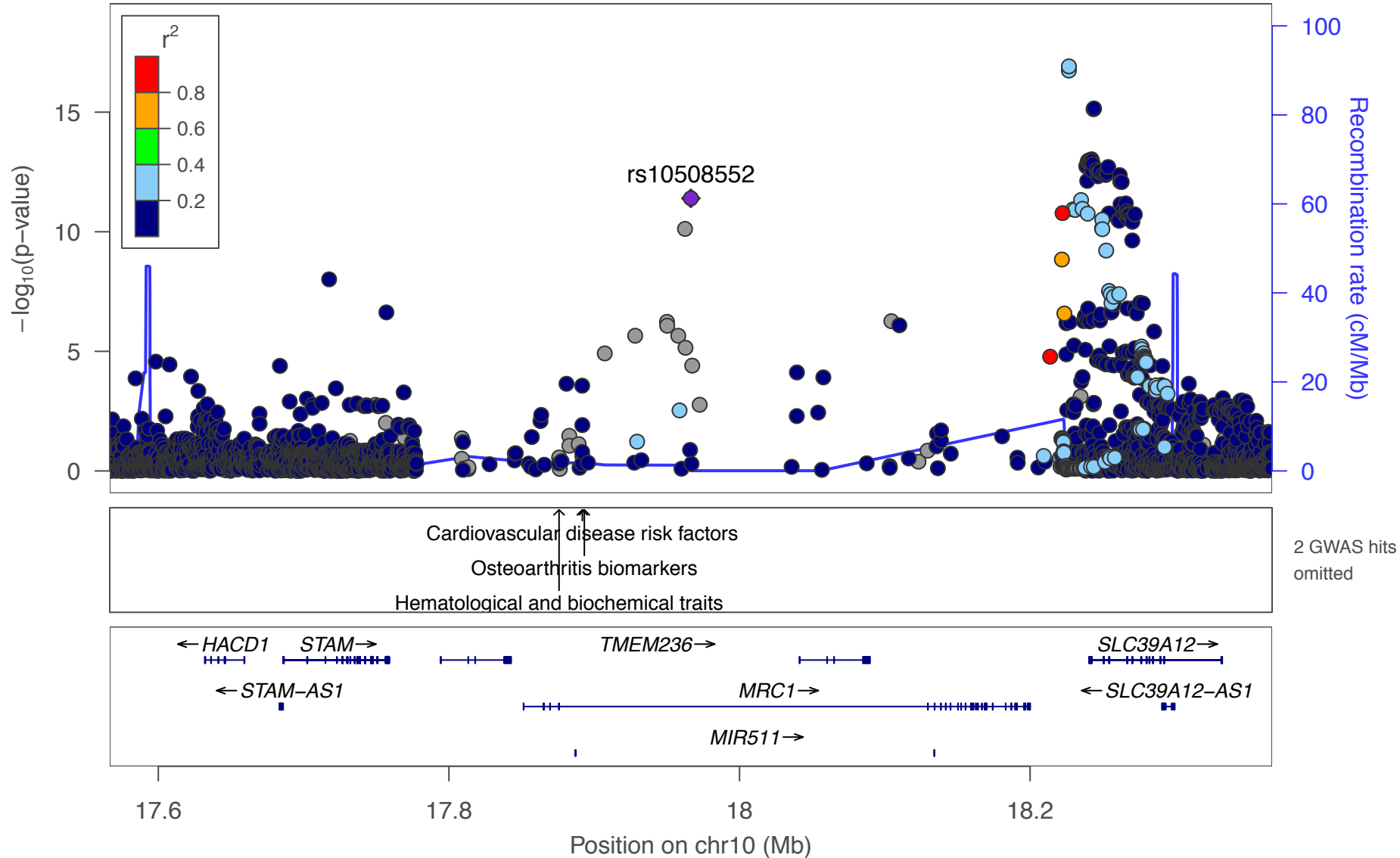
max P.value: 10E–1 [chr10:17685893]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_right_putamen



date: Thu Aug 17 18:05:07 2017

build: hg19

display range: chr10:17566561–18366561 [17566561–18366561]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17966561

number of SNPs plotted: 2390

min P.value: 1.21E–17 [chr10:18226714]

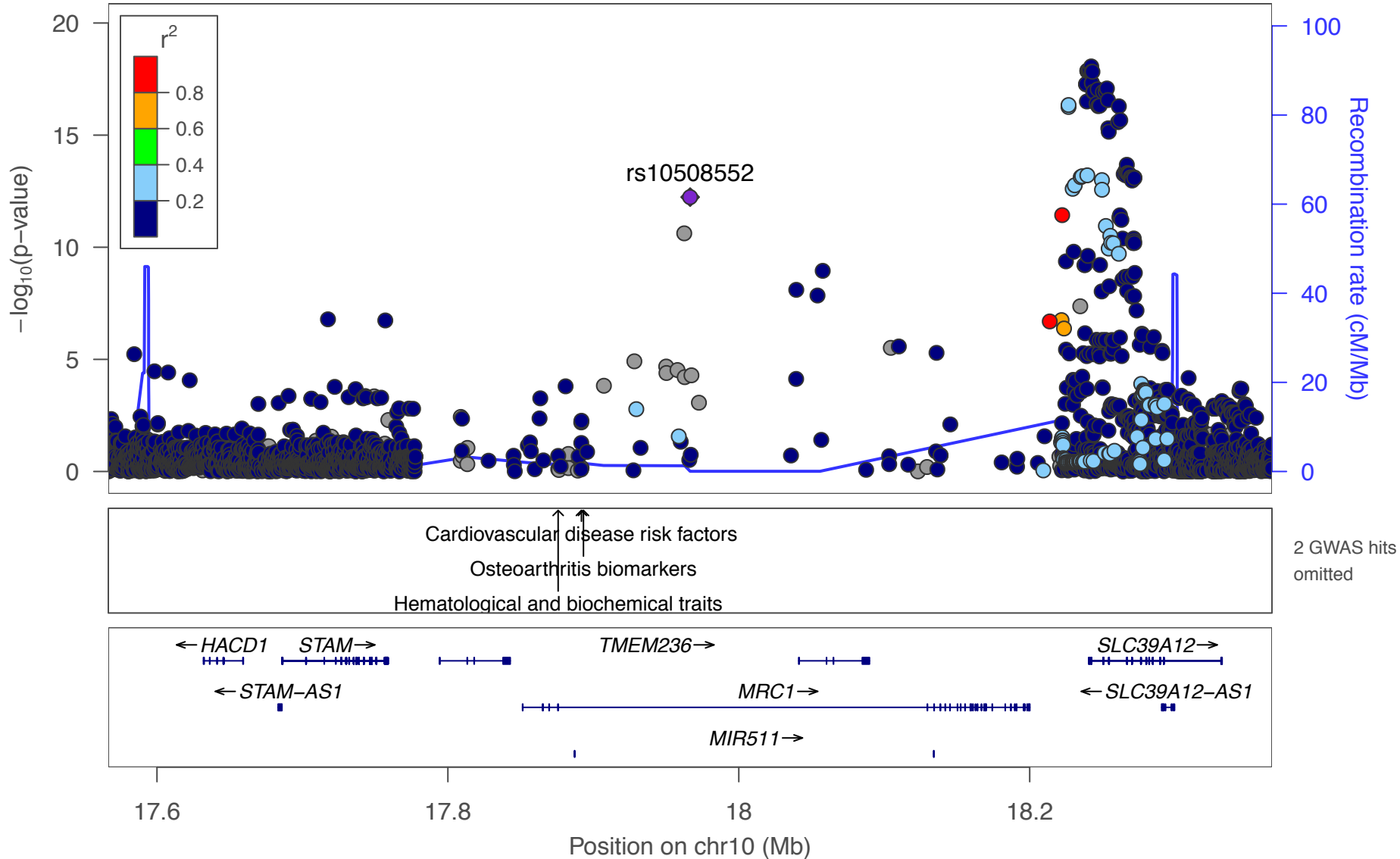
max P.value: 10E–1 [chr10:17582716]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_left_pallidum



date: Thu Aug 17 17:54:38 2017

build: hg19

display range: chr10:17566561–18366561 [17566561–18366561]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17966561

number of SNPs plotted: 2390

min P.value: 8.63E–19 [chr10:18242311]

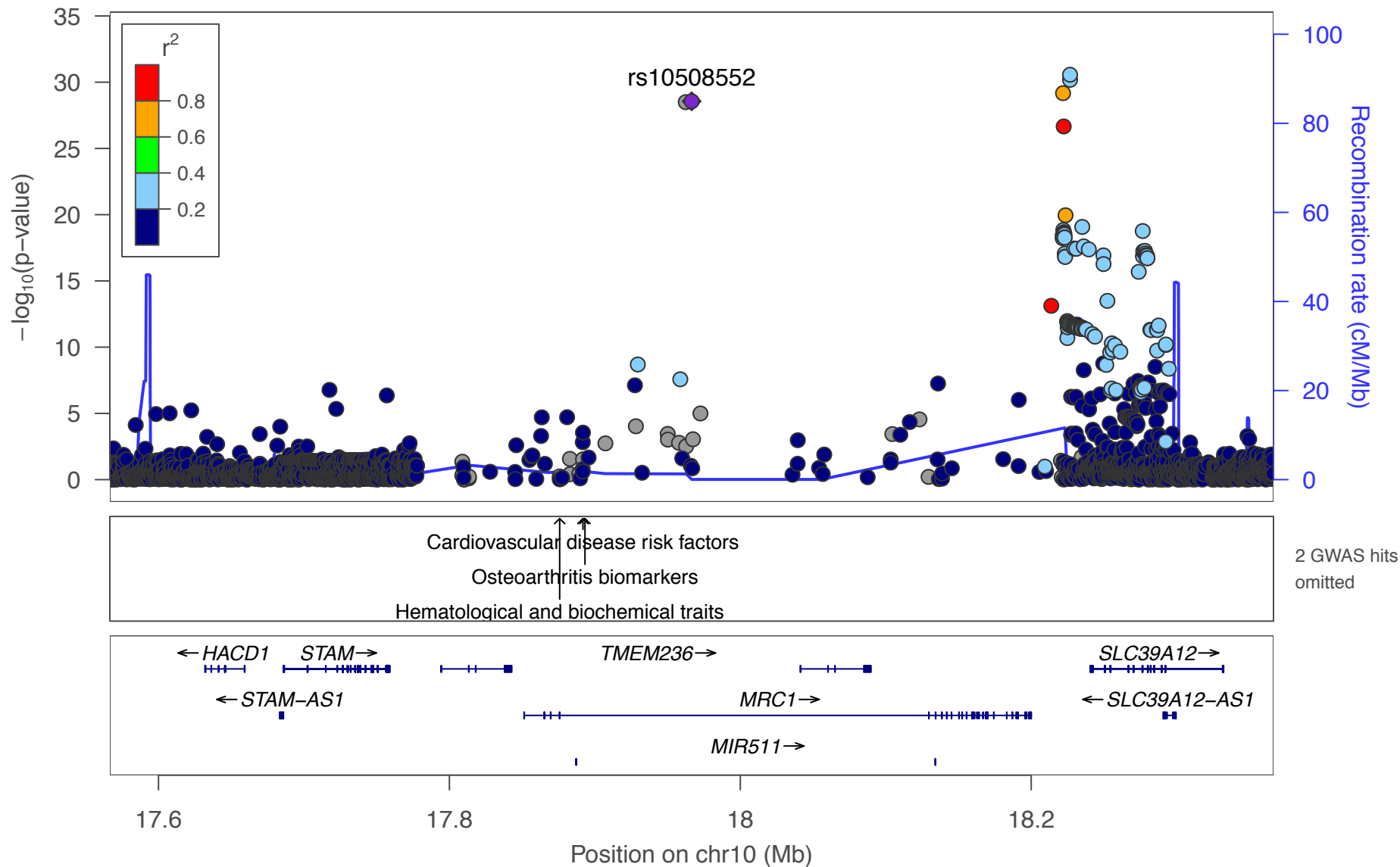
max P.value: 9.99E–1 [chr10:17741046]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_left_caudate_plus_right_caudate



date: Thu Aug 17 18:00:15 2017

build: hg19

display range: chr10:17566561–18366561 [17566561–18366561]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17966561

number of SNPs plotted: 2390

min P.value: 2.73E–31 [chr10:18226714]

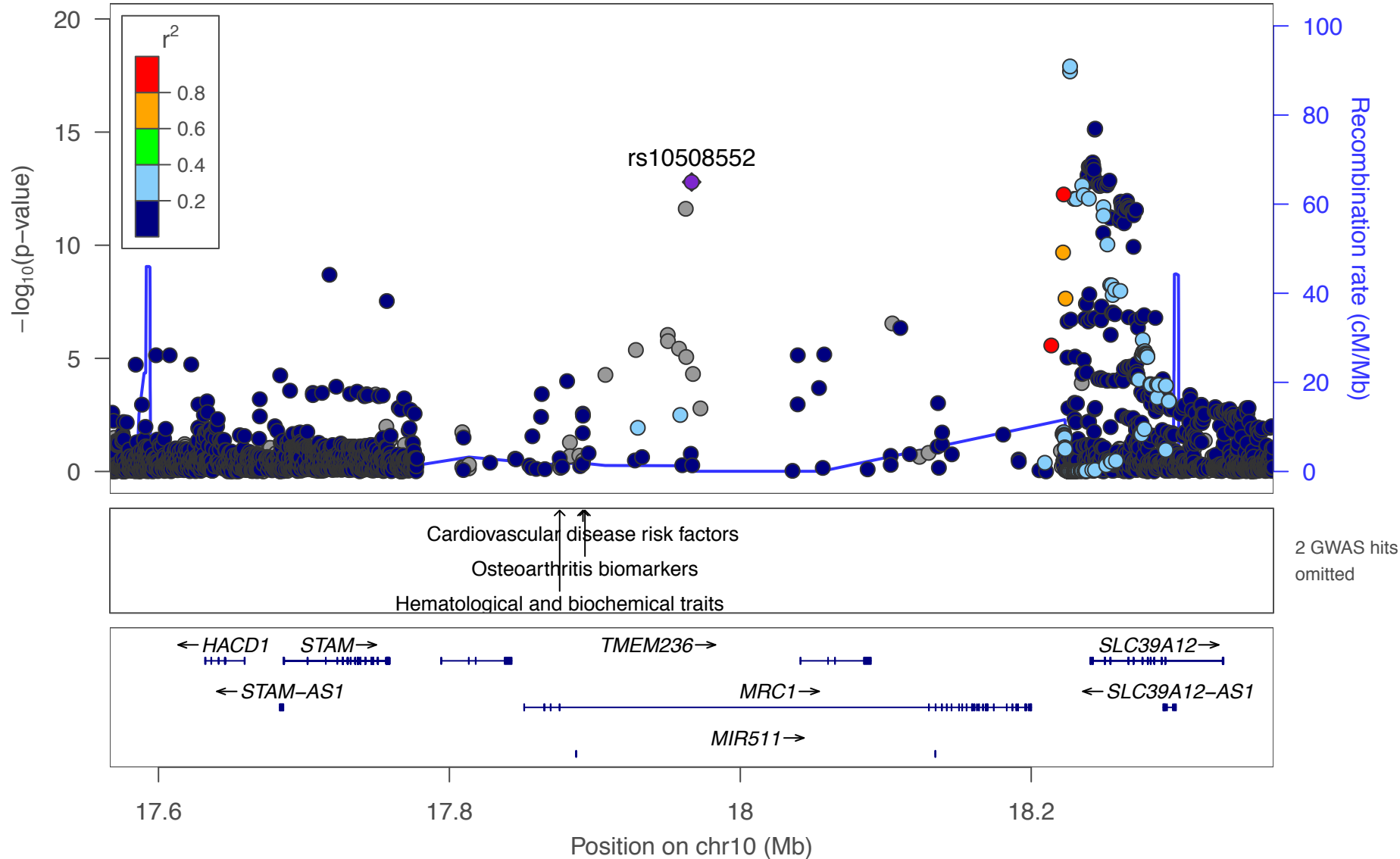
max P.value: 9.97E–1 [chr10:18324574]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_left_putamen_plus_right_putamen



date: Thu Aug 17 17:56:57 2017

build: hg19

display range: chr10:17566561–18366561 [17566561–18366561]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17966561

number of SNPs plotted: 2390

min P.value: 1.25E–18 [chr10:18226714]

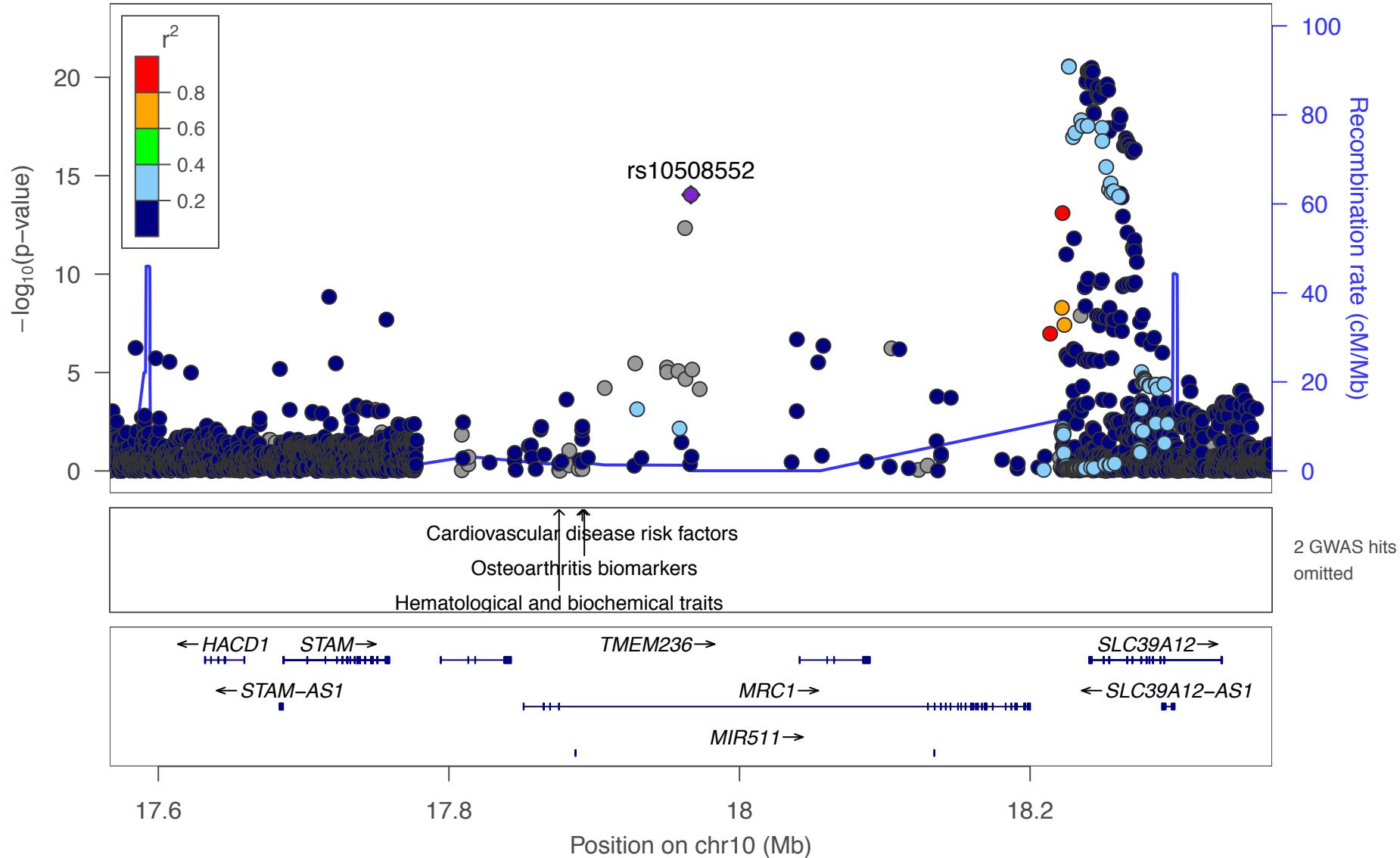
max P.value: 9.99E–1 [chr10:17650307]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_left_pallidum_plus_right_pallidum



date: Thu Aug 17 18:00:17 2017

build: hg19

display range: chr10:17566561–18366561 [17566561–18366561]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:17966561

number of SNPs plotted: 2390

min P.value: 2.78E–21 [chr10:18226707]

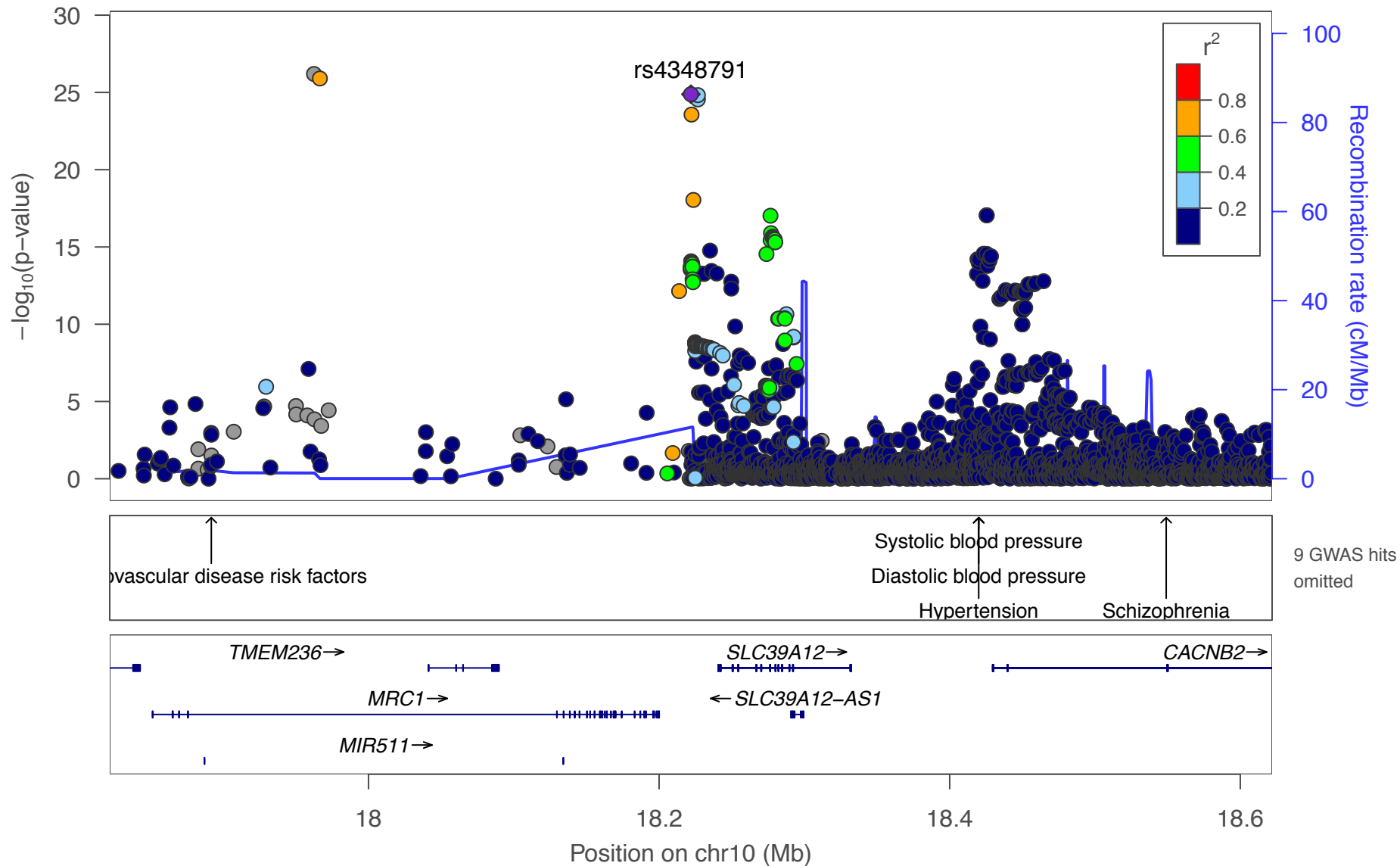
max P.value: 10E–1 [chr10:17754182]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	17.59612	Glucose homeostasis traits	rs6602203
10	17.87582	Hematological and biochemical traits	rs2477664
10	17.89182	Cardiovascular disease risk factors	rs2437258
10	17.89321	Osteoarthritis biomarkers	rs691461
10	17.96656	Childhood and early adolescence aggressive behavior	rs10508552

SWI_T2star_left_caudate



date: Thu Aug 17 18:16:04 2017

build: hg19

display range: chr10:17821908–18621908 [17821908–18621908]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18221908

number of SNPs plotted: 2678

min P.value: 6.37E–27 [chr10:17962506]

max P.value: 9.99E–1 [chr10:18348597]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

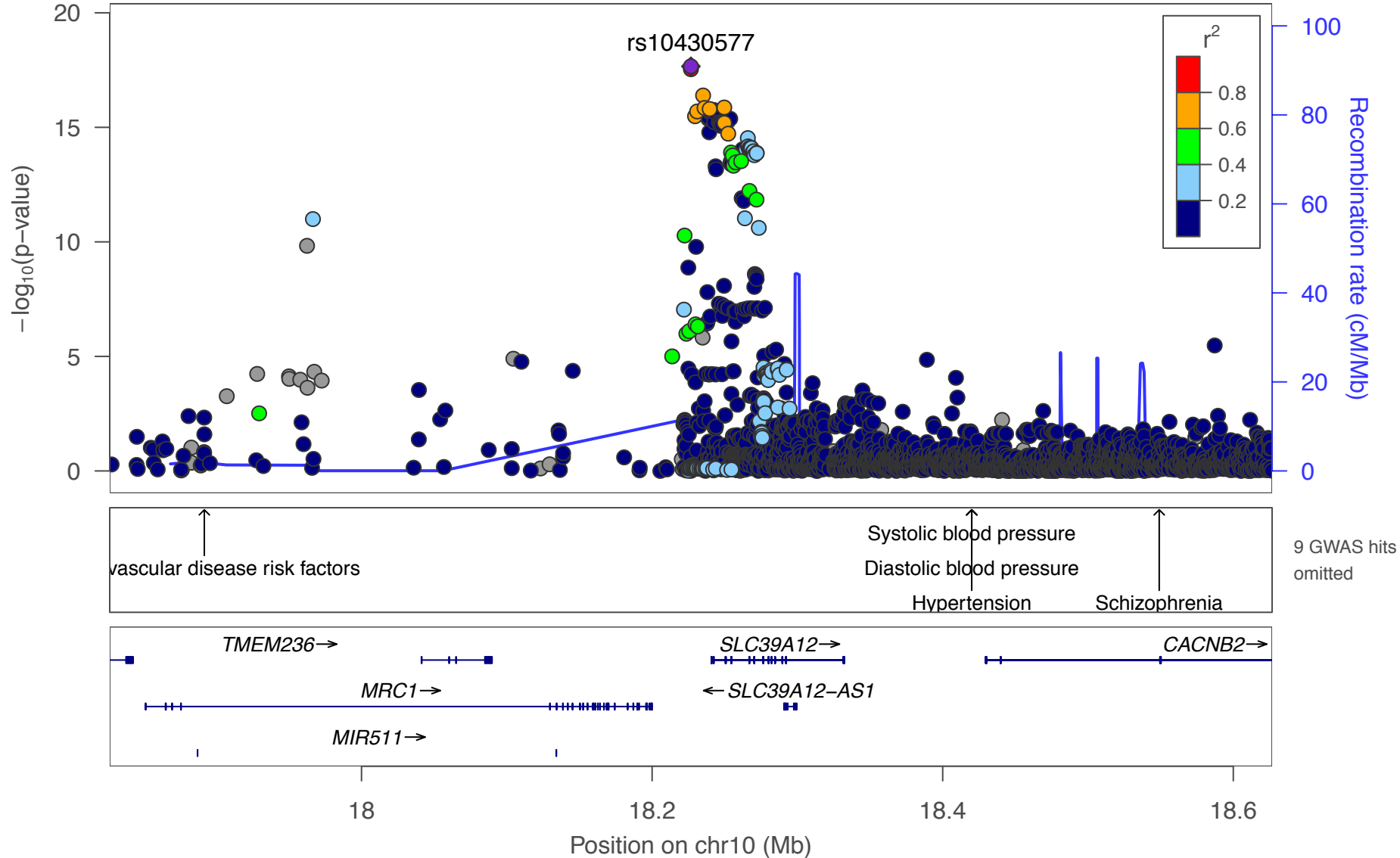
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_right_pallidum



date: Thu Aug 17 18:00:22 2017

build: hg19

display range: chr10:17826707–18626707 [17826707–18626707]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18226707

number of SNPs plotted: 2697

min P.value: 2.17E–18 [chr10:18226707]

max P.value: 10E–1 [chr10:18456156]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

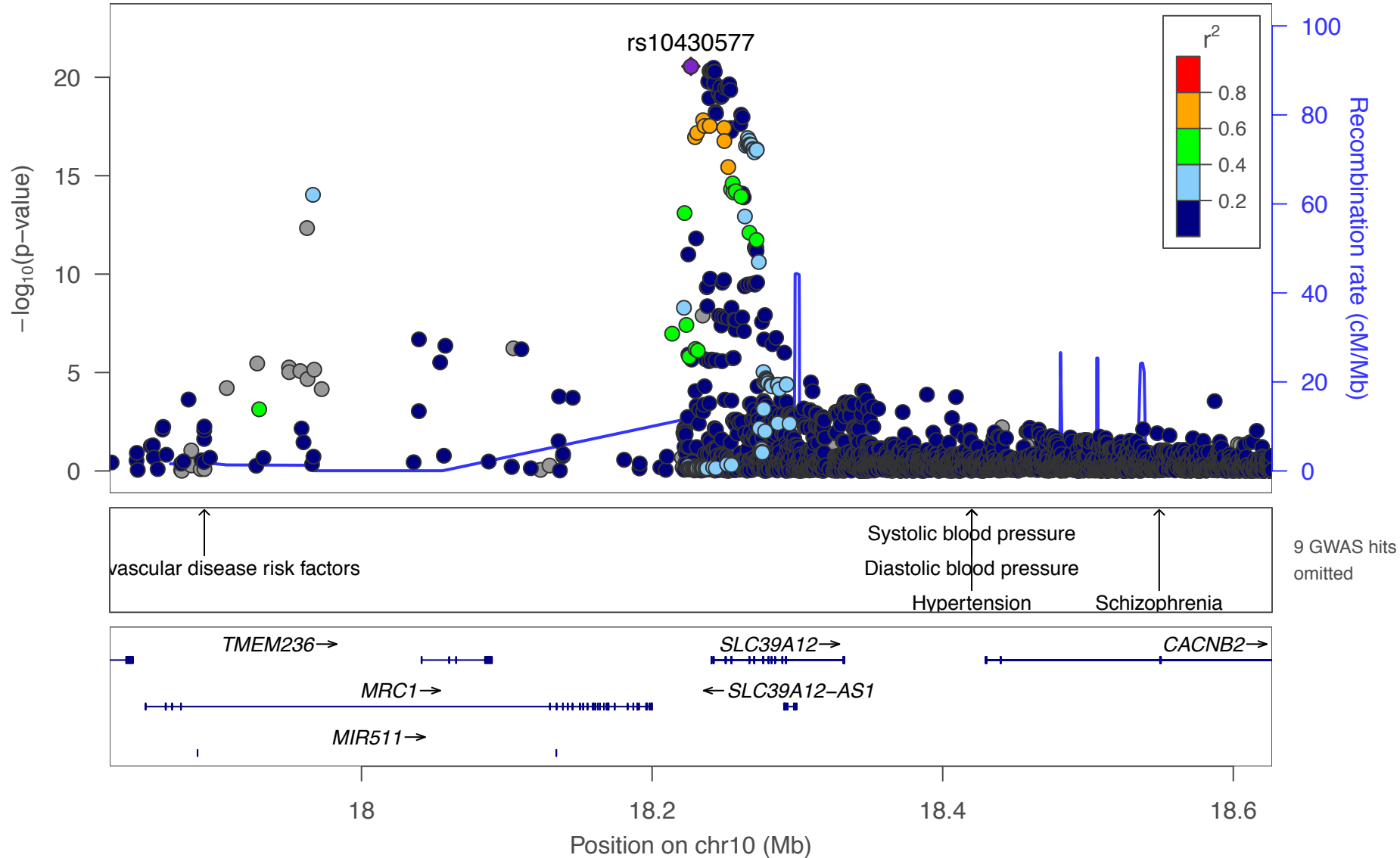
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_left_pallidum_plus_right_pallidum



date: Thu Aug 17 18:00:22 2017

build: hg19

display range: chr10:17826707–18626707 [17826707–18626707]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18226707

number of SNPs plotted: 2697

min P.value: 2.78E–21 [chr10:18226707]

max P.value: 9.99E–1 [chr10:18613497]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

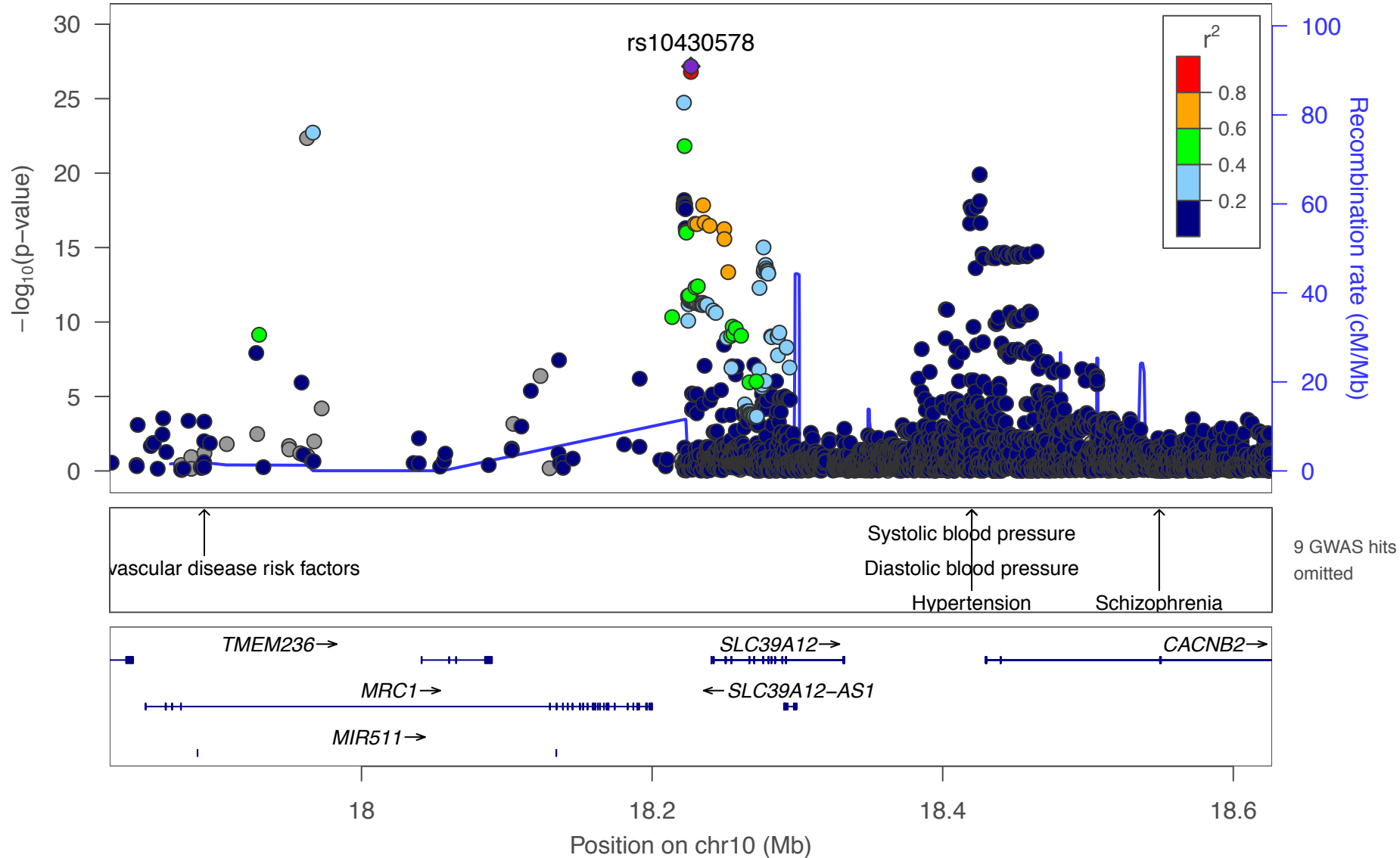
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_right_caudate



date: Thu Aug 17 18:26:51 2017

build: hg19

display range: chr10:17826714–18626714 [17826714–18626714]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18226714

number of SNPs plotted: 2697

min P.value: 6.76E–28 [chr10:18226714]

max P.value: 10E–1 [chr10:18624476]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

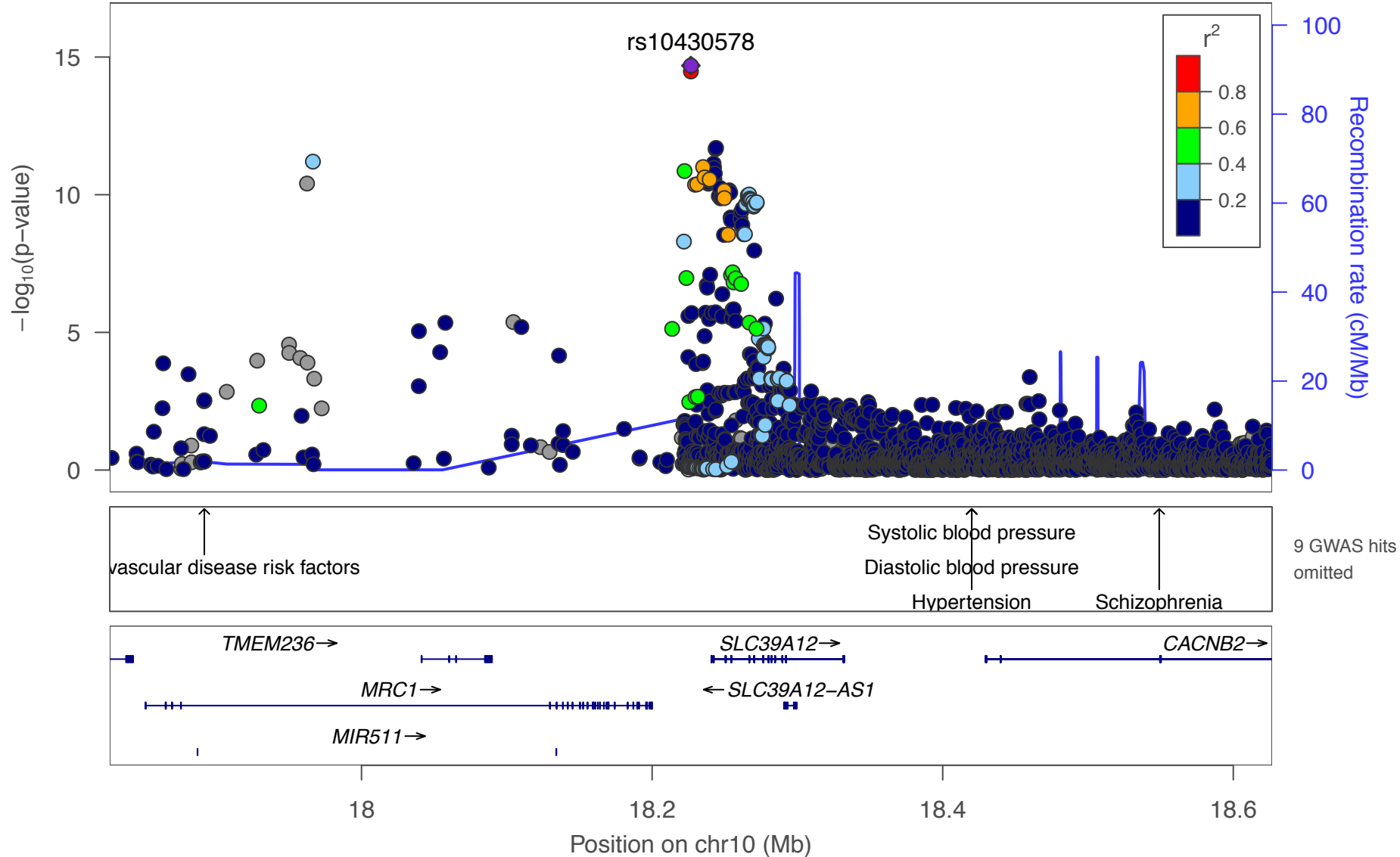
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_left_putamen



date: Thu Aug 17 18:26:51 2017

build: hg19

display range: chr10:17826714–18626714 [17826714–18626714]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18226714

number of SNPs plotted: 2697

min P.value: 2.04E–15 [chr10:18226714]

max P.value: 10E–1 [chr10:18571506]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

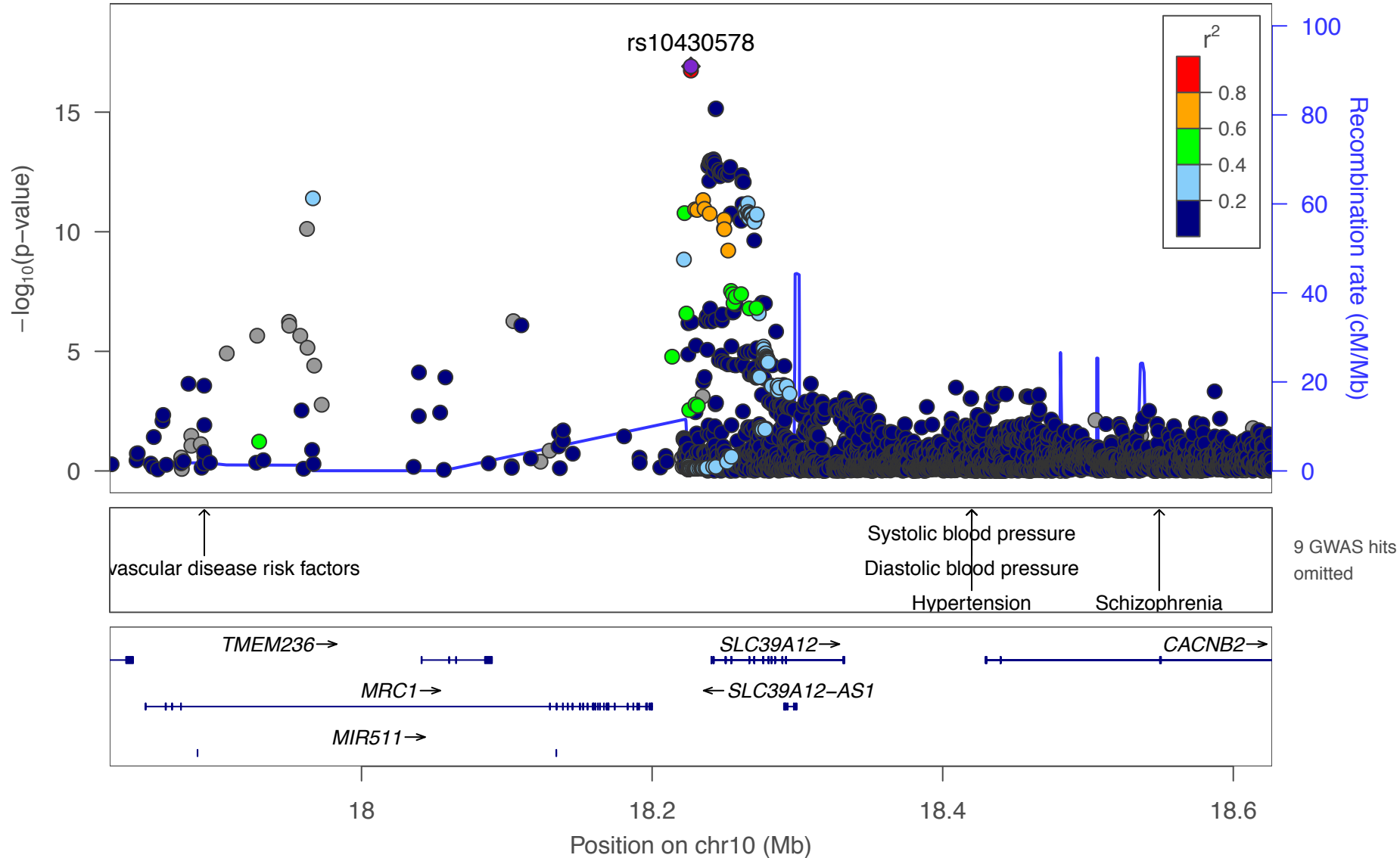
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_right_putamen



date: Thu Aug 17 18:35:05 2017

build: hg19

display range: chr10:17826714–18626714 [17826714–18626714]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18226714

number of SNPs plotted: 2697

min P.value: 1.21E–17 [chr10:18226714]

max P.value: 10E–1 [chr10:18577835]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

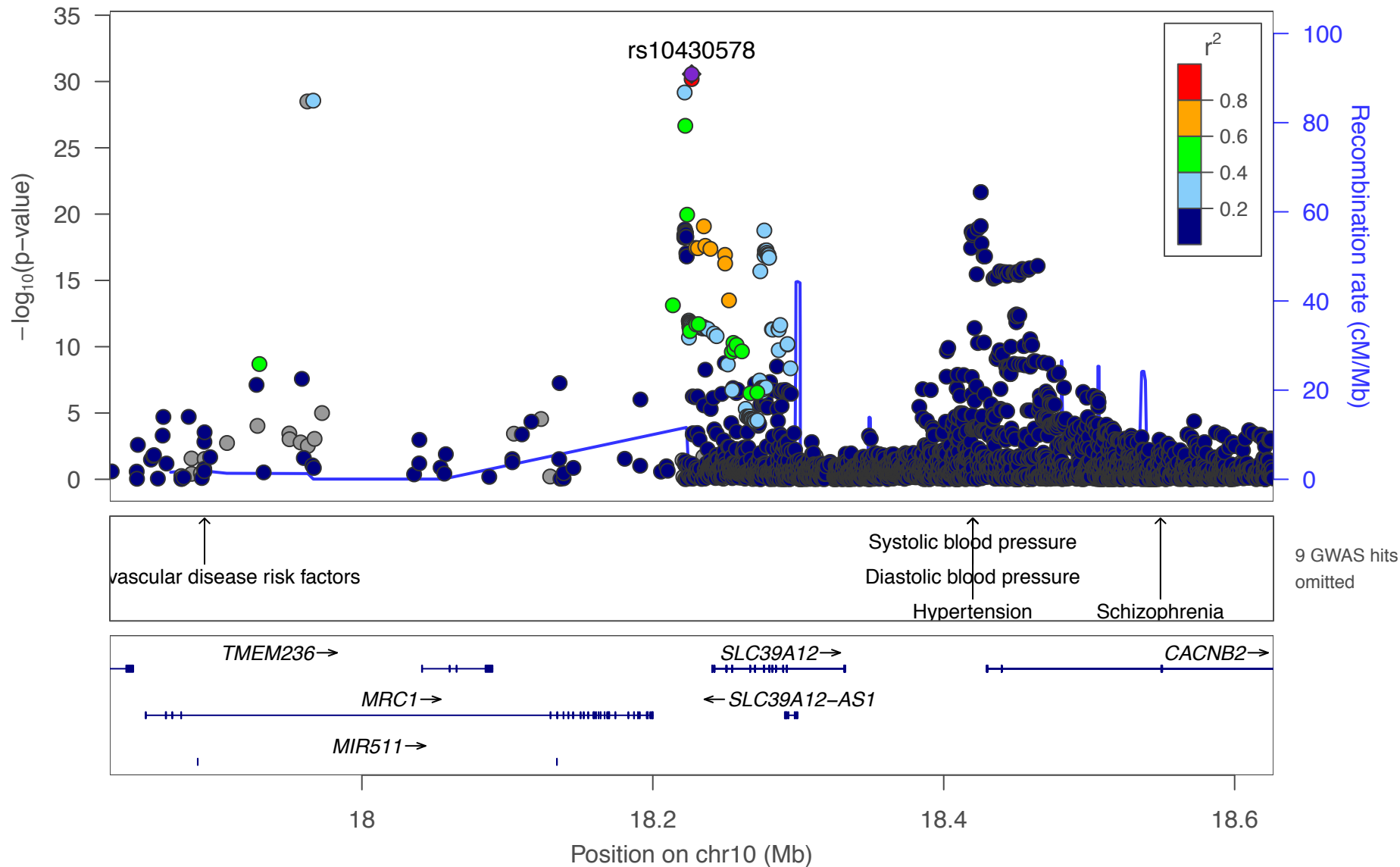
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_left_caudate_plus_right_caudate



date: Thu Aug 17 18:35:05 2017

build: hg19

display range: chr10:17826714–18626714 [17826714–18626714]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18226714

number of SNPs plotted: 2697

min P.value: 2.73E–31 [chr10:18226714]

max P.value: 9.98E–1 [chr10:18541427]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

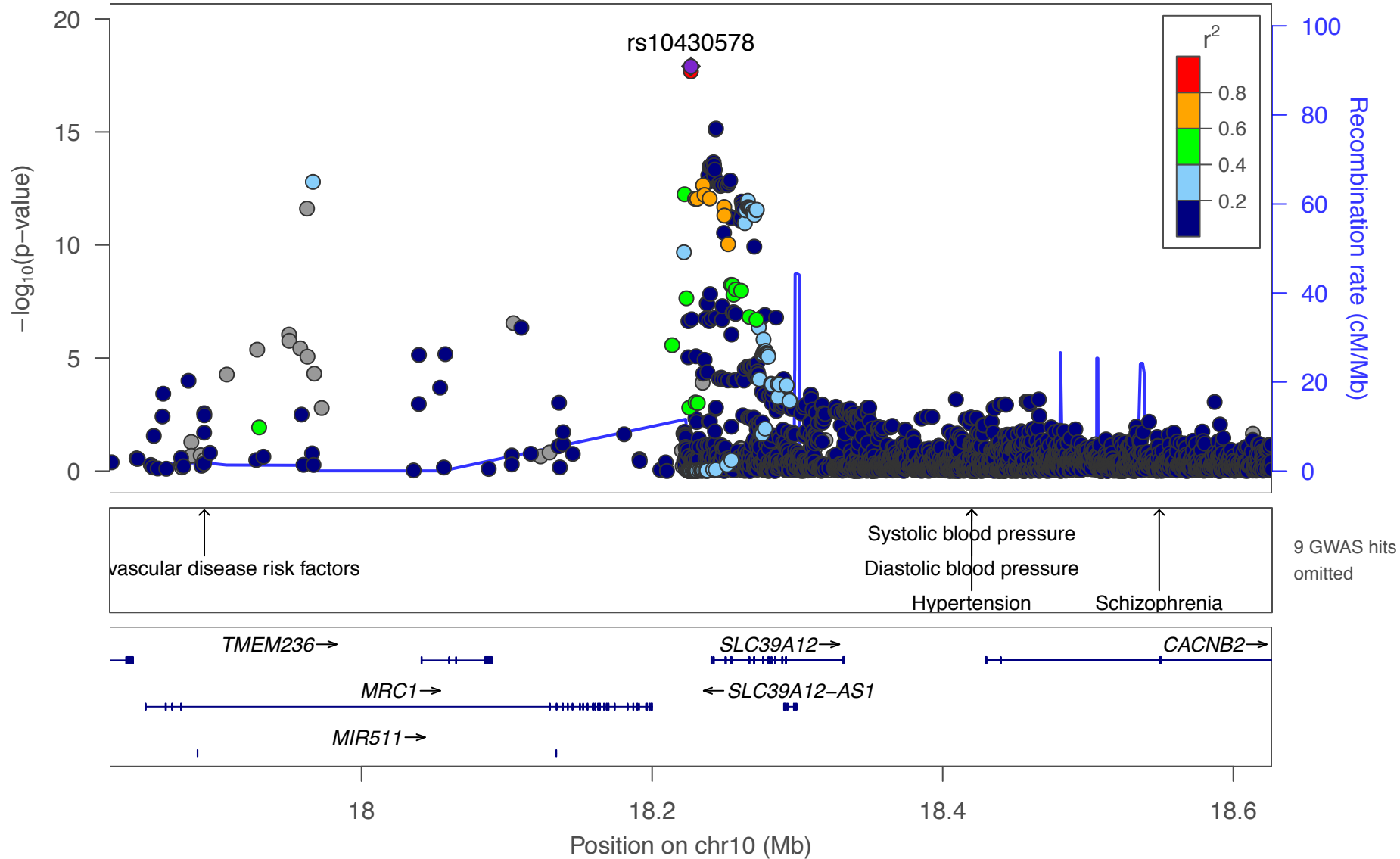
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_left_putamen_plus_right_putamen



date: Thu Aug 17 18:35:05 2017

build: hg19

display range: chr10:17826714–18626714 [17826714–18626714]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18226714

number of SNPs plotted: 2697

min P.value: 1.25E–18 [chr10:18226714]

max P.value: 9.99E–1 [chr10:18339376]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

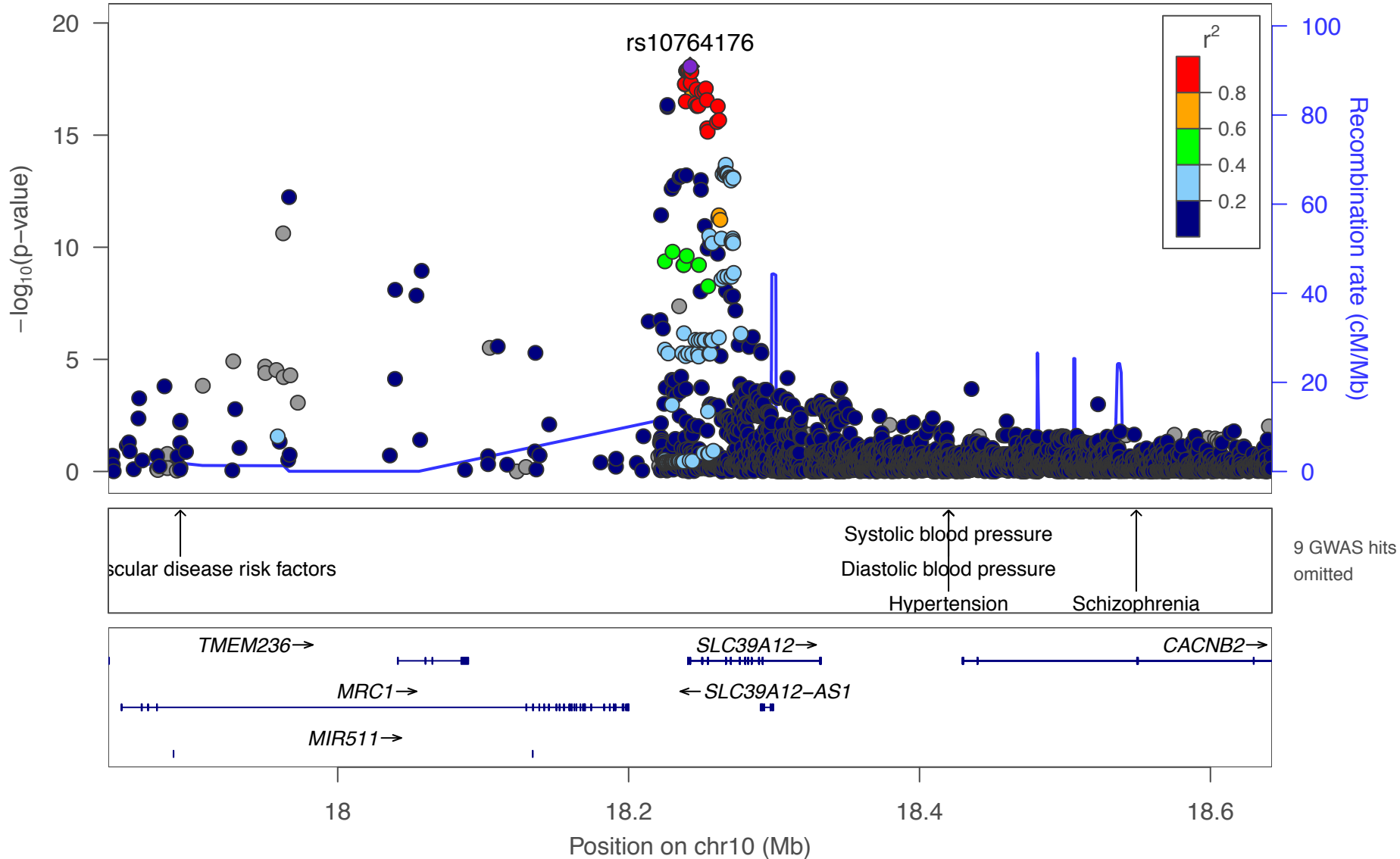
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_left_pallidum



date: Thu Aug 17 18:32:35 2017

build: hg19

display range: chr10:17842311–18642311 [17842311–18642311]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18242311

number of SNPs plotted: 2775

min P.value: 8.63E–19 [chr10:18242311]

max P.value: 9.99E–1 [chr10:18559835]

omitted GWAS Hits: chr10:18.549016–Schizophrenia, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Hematological and biochemical traits

Cardiovascular disease risk factors

Osteoarthritis biomarkers

Childhood and early adolescence aggressive behavior

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

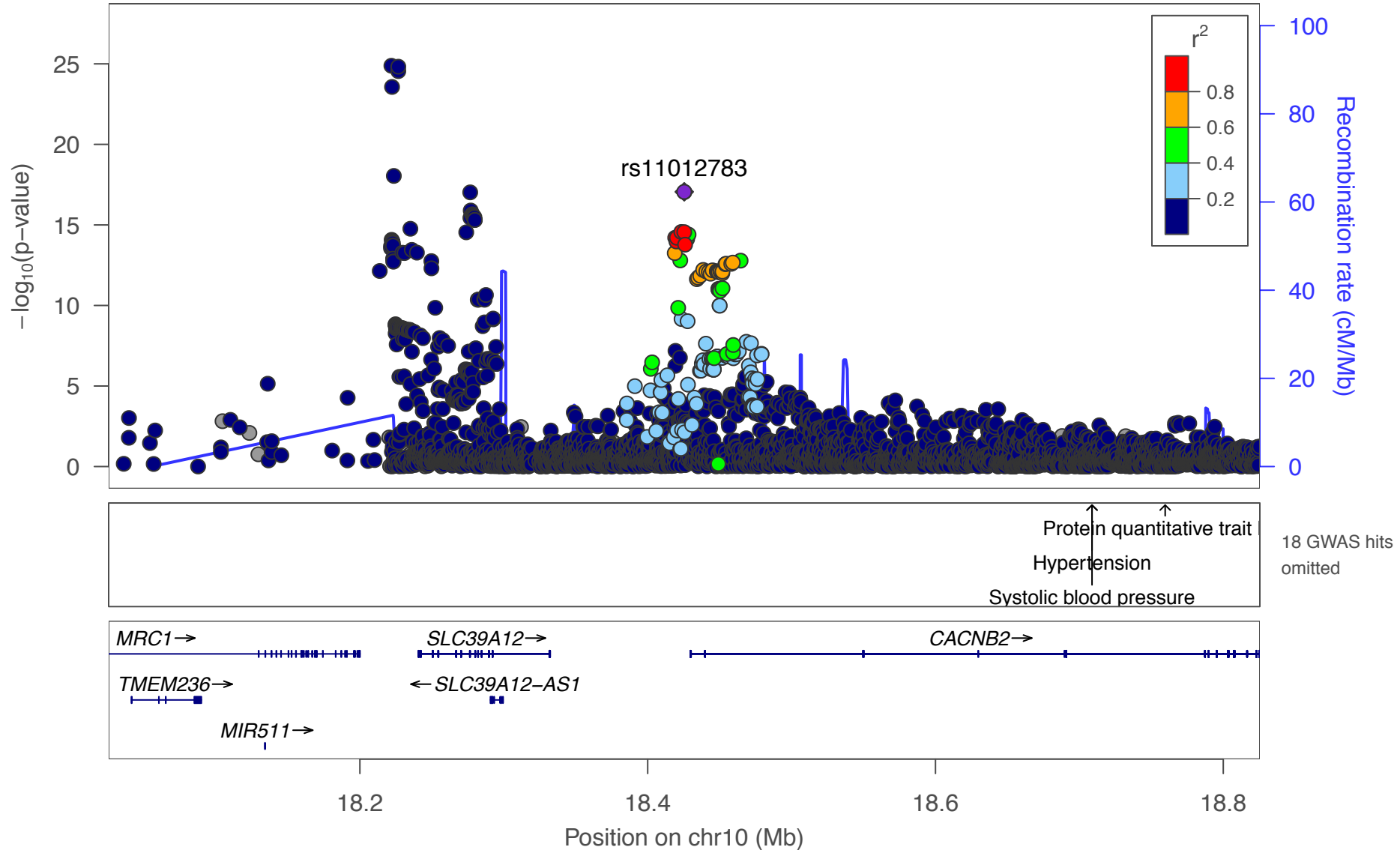
Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

SWI_T2star_left_caudate



date: Thu Aug 17 18:46:01 2017

build: hg19

display range: chr10:18025418–18825418 [18025418–18825418]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18425418

number of SNPs plotted: 3878

min P.value: 1.31E–25 [chr10:18221908]

max P.value: 10E–1 [chr10:18761474]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

QRS complex (Sokolow–Lyon)

Hypertension

Systolic blood pressure

Diastolic blood pressure

Blood pressure

Small vessel stroke

Quantitative traits

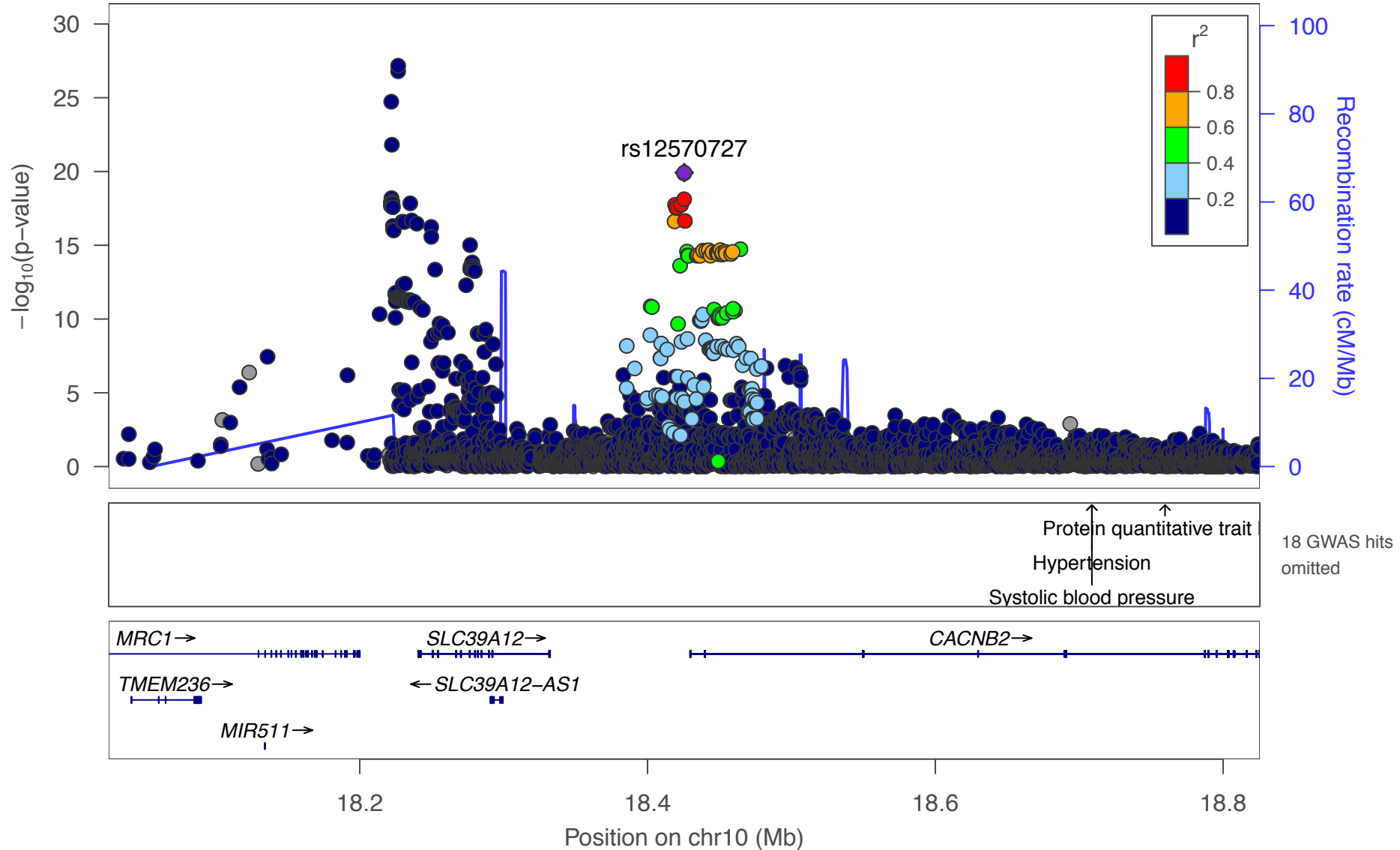
Schizophrenia

Schizophrenia

Protein quantitative trait loci

Obesity–related traits

SWI_T2star_right_caudate



date: Thu Aug 17 18:46:01 2017

build: hg19

display range: chr10:18025519–18825519 [18025519–18825519]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18425519

number of SNPs plotted: 3878

min P.value: 6.76E–28 [chr10:18226714]

max P.value: 10E–1 [chr10:18624476]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

QRS complex (Sokolow–Lyon)

Hypertension

Systolic blood pressure

Diastolic blood pressure

Blood pressure

Small vessel stroke

Quantitative traits

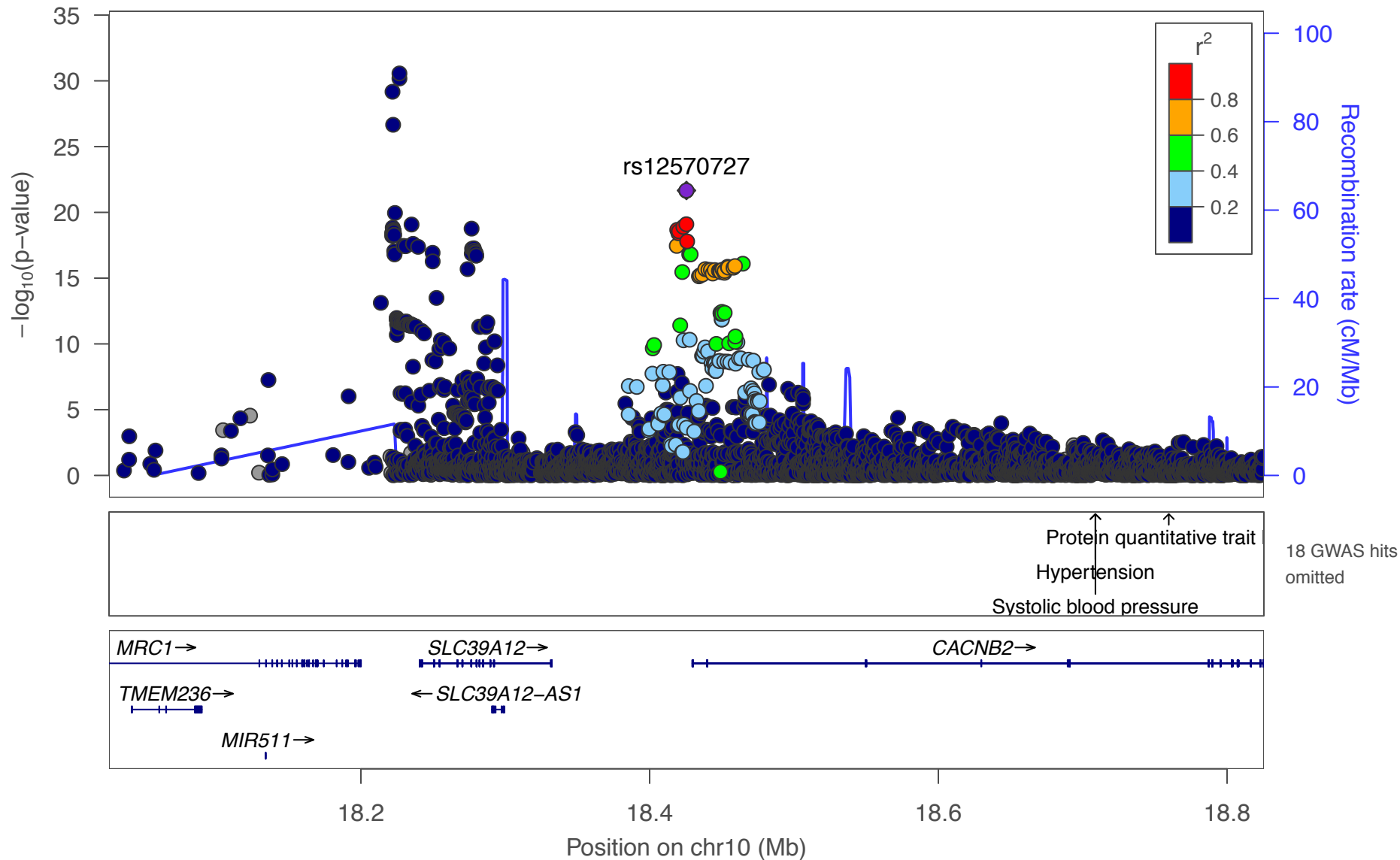
Schizophrenia

Schizophrenia

Protein quantitative trait loci

Obesity–related traits

SWI_T2star_left_caudate_plus_right_caudate



date: Thu Aug 17 18:44:47 2017

build: hg19

display range: chr10:18025519–18825519 [18025519–18825519]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:18425519

number of SNPs plotted: 3878

min P.value: 2.73E–31 [chr10:18226714]

max P.value: 10E–1 [chr10:18781803]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

trait

Bipolar disorder and schizophrenia

Response to antipsychotic treatment

Systolic blood pressure

Diastolic blood pressure

Hypertension

Primary tooth development (time to first tooth eruption)

Primary tooth development (number of teeth)

Metabolite levels (HVA/MHPG ratio)

Schizophrenia

Autism spectrum disorder, attention deficit–hyperactivity disorder, bipolar disorder, major depressive disorder, and schizophrenia (combined)

QRS complex (Sokolow–Lyon)

Hypertension

Systolic blood pressure

Diastolic blood pressure

Blood pressure

Small vessel stroke

Quantitative traits

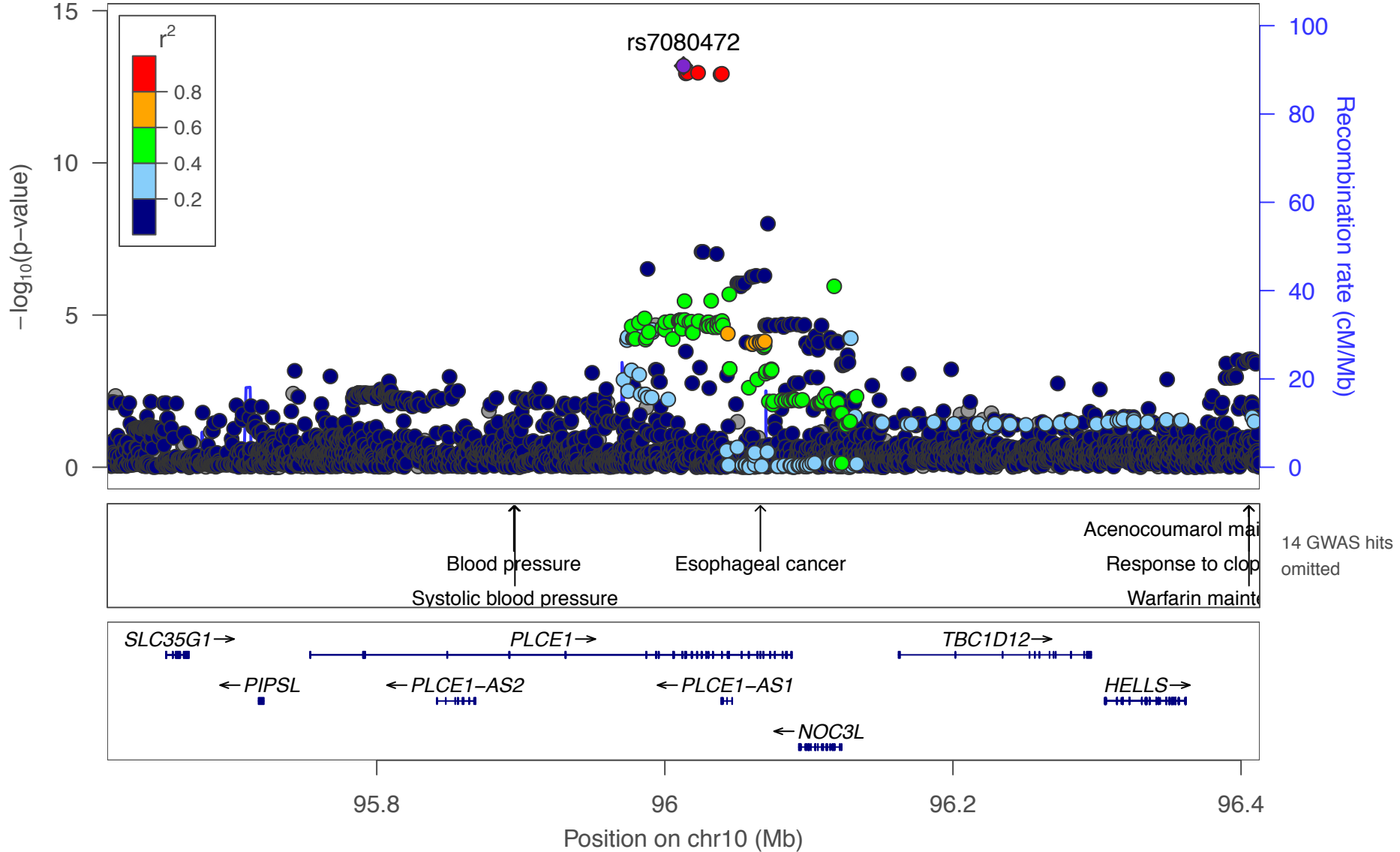
Schizophrenia

Schizophrenia

Protein quantitative trait loci

Obesity–related traits

NODEamps25_0007



date: Thu Aug 17 18:48:50 2017

build: hg19

display range: chr10:95612950–96412950 [95612950–96412950]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96012950

number of SNPs plotted: 3177

min P.value: 6.47E–14 [chr10:96012950]

max P.value: 10E–1 [chr10:95669893]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

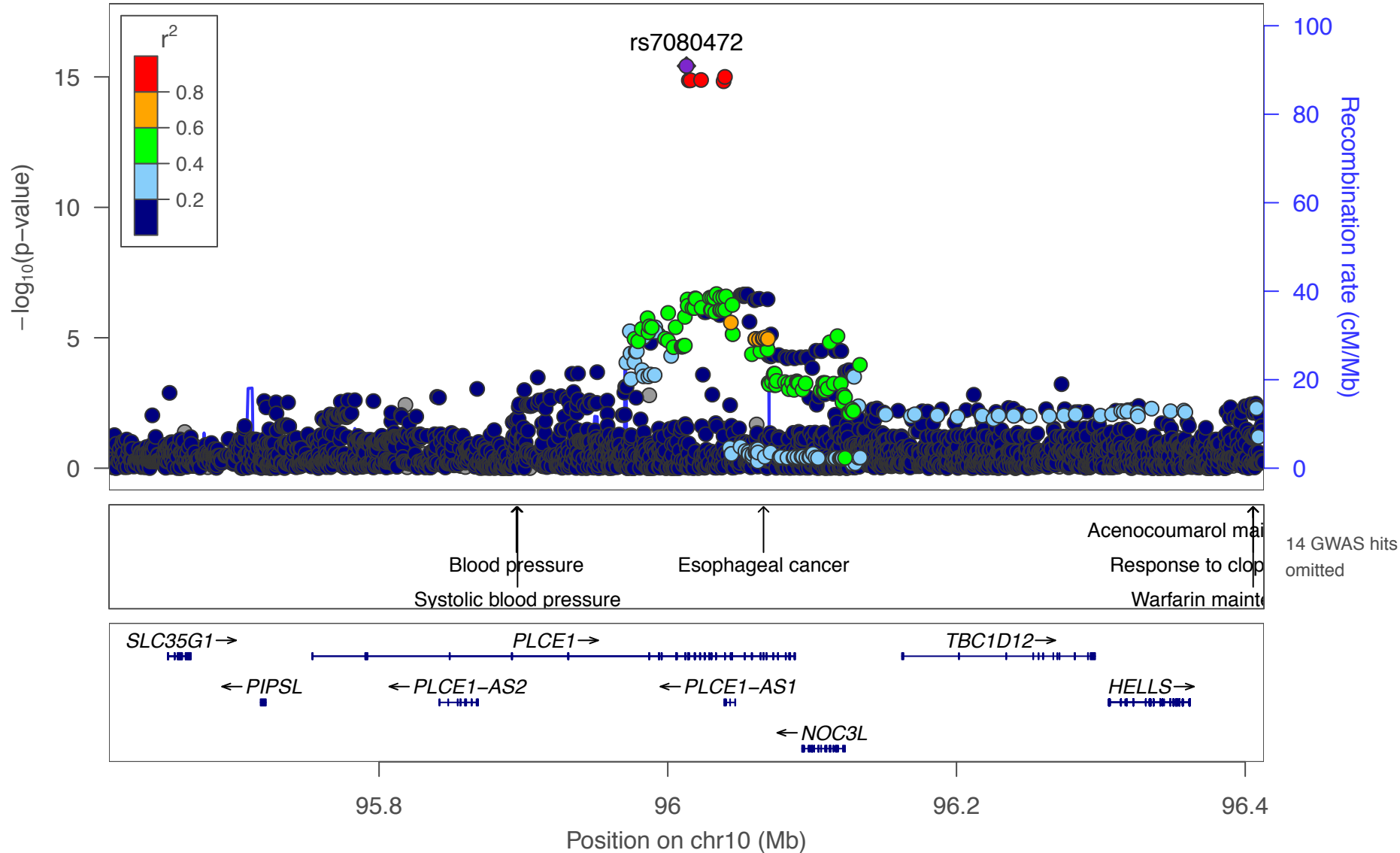
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps25_0013



date: Thu Aug 17 18:48:50 2017

build: hg19

display range: chr10:95612950–96412950 [95612950–96412950]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96012950

number of SNPs plotted: 3177

min P.value: 3.8E–16 [chr10:96012950]

max P.value: 10E–1 [chr10:95975547]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

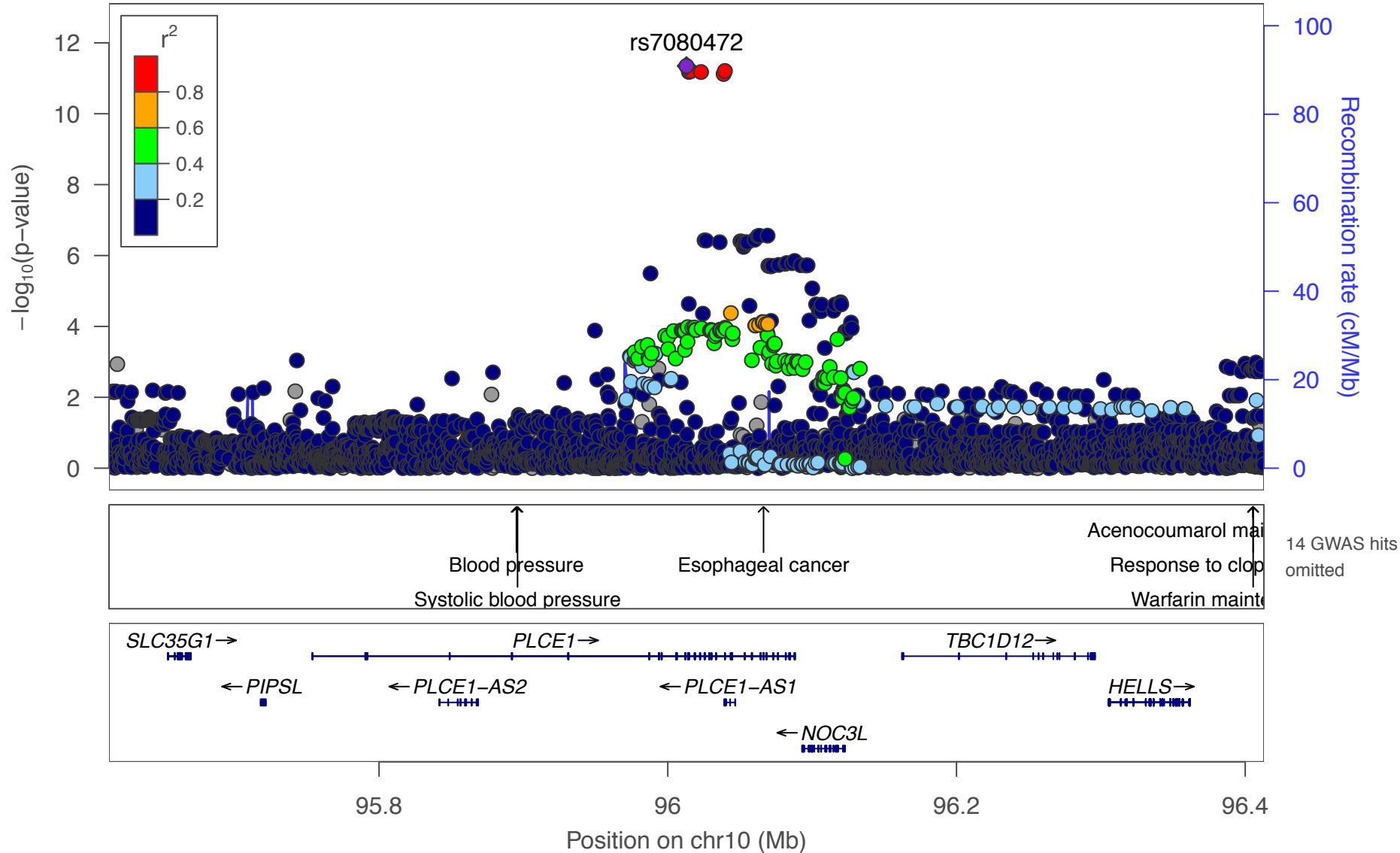
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0010



date: Thu Aug 17 18:48:08 2017

build: hg19

display range: chr10:95612950–96412950 [95612950–96412950]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96012950

number of SNPs plotted: 3177

min P.value: 4.49E–12 [chr10:96012950]

max P.value: 10E–1 [chr10:96062523]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

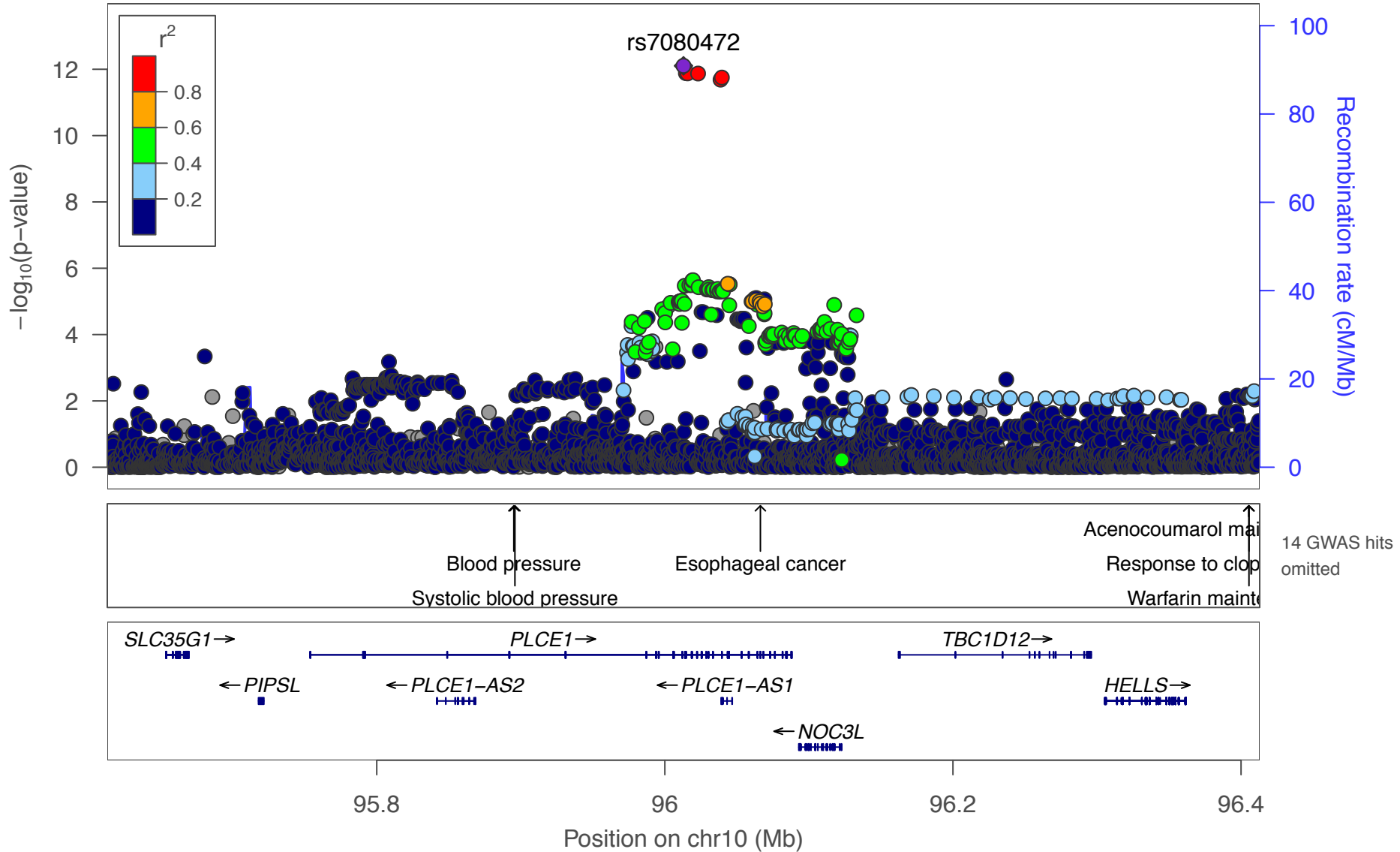
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0011



date: Thu Aug 17 18:48:08 2017

build: hg19

display range: chr10:95612950–96412950 [95612950–96412950]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96012950

number of SNPs plotted: 3177

min P.value: $7.87E-13$ [chr10:96012950]

max P.value: $10E-1$ [chr10:95615108]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

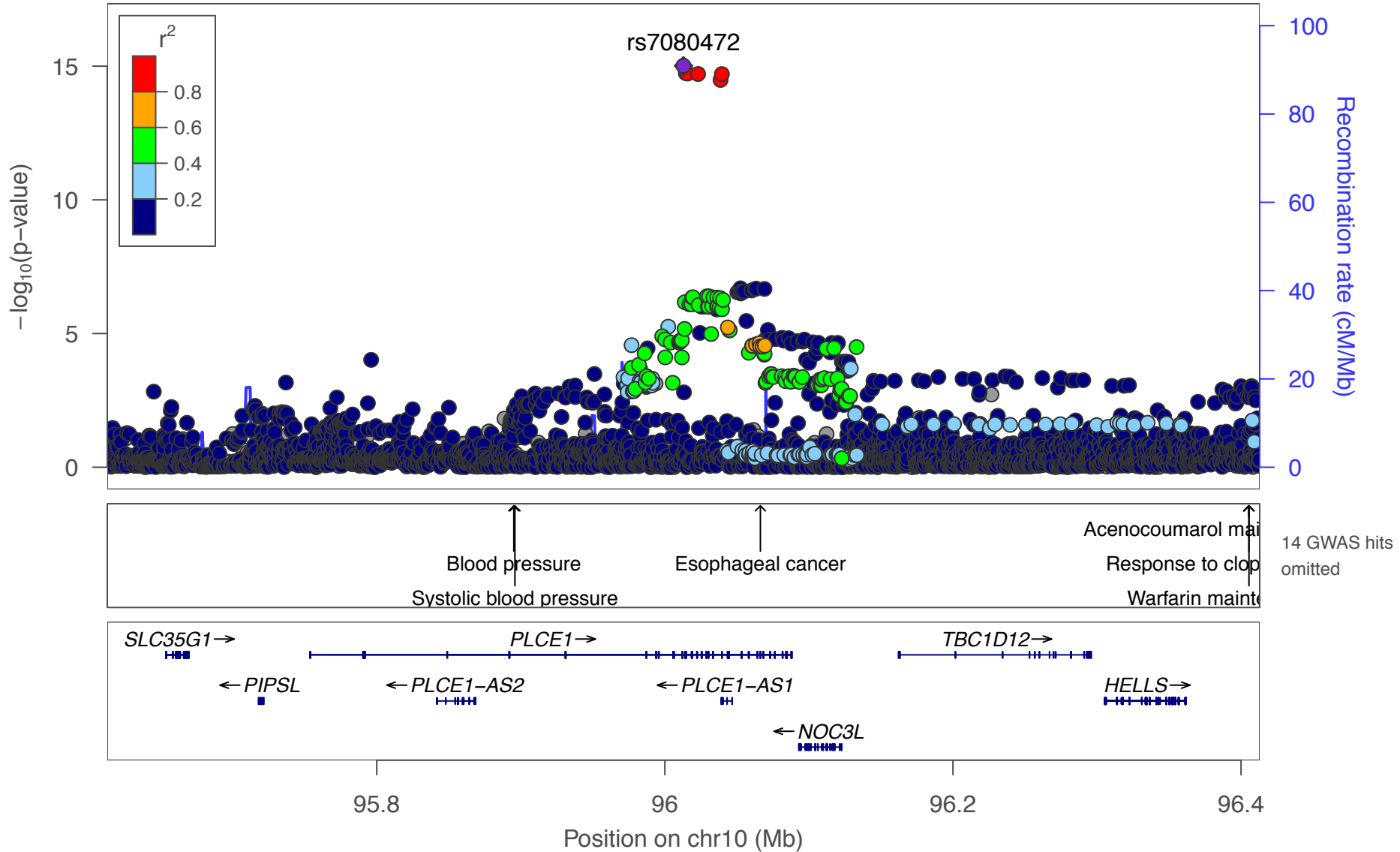
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0028



date: Thu Aug 17 18:48:08 2017

build: hg19

display range: chr10:95612950–96412950 [95612950–96412950]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96012950

number of SNPs plotted: 3177

min P.value: 9.73E–16 [chr10:96012950]

max P.value: 10E–1 [chr10:96015298]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

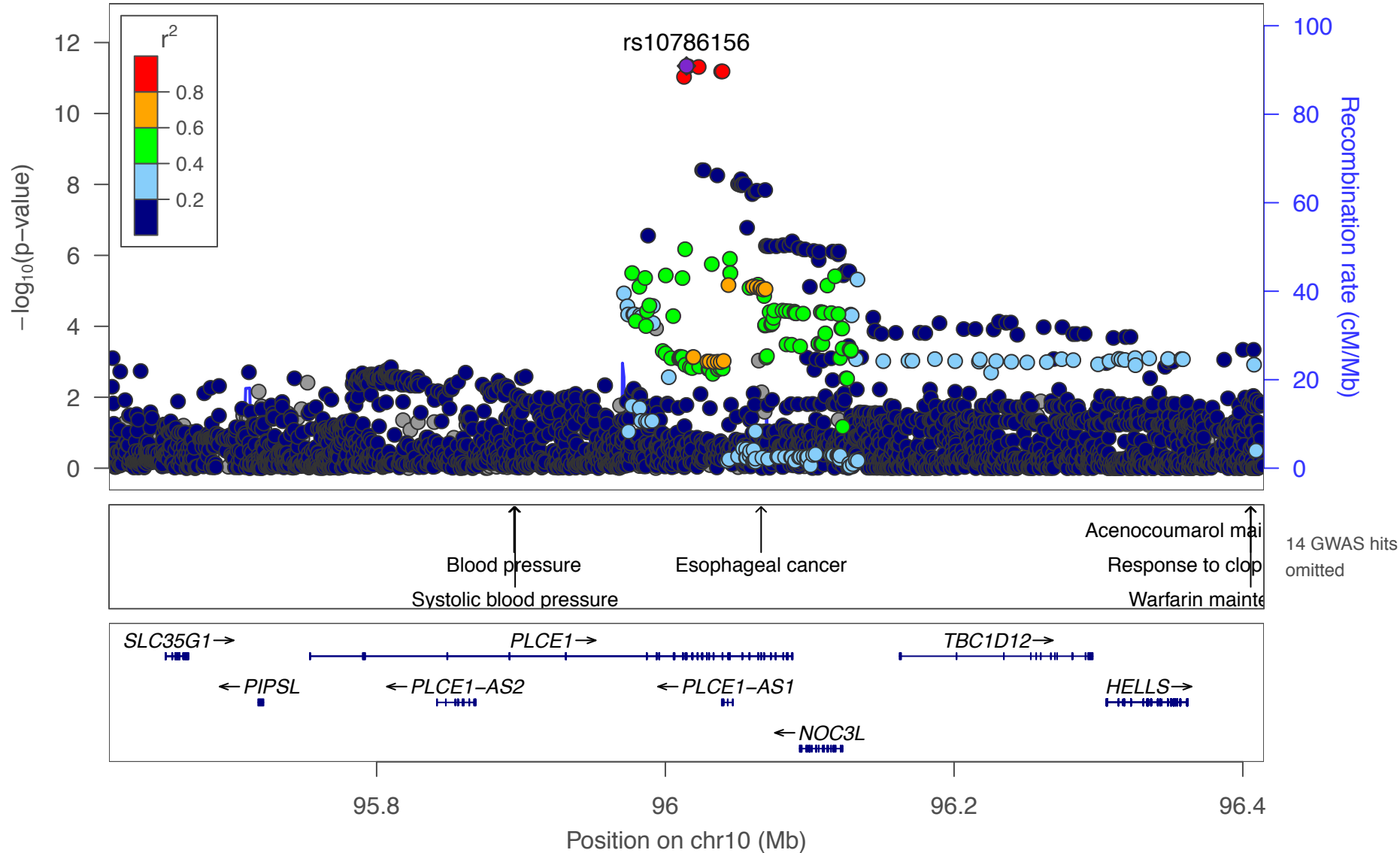
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0029



date: Thu Aug 17 18:48:50 2017

build: hg19

display range: chr10:95614622–96414622 [95614622–96414622]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96014622

number of SNPs plotted: 3178

min P.value: 4.57E–12 [chr10:96014622]

max P.value: 9.99E–1 [chr10:96278592]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

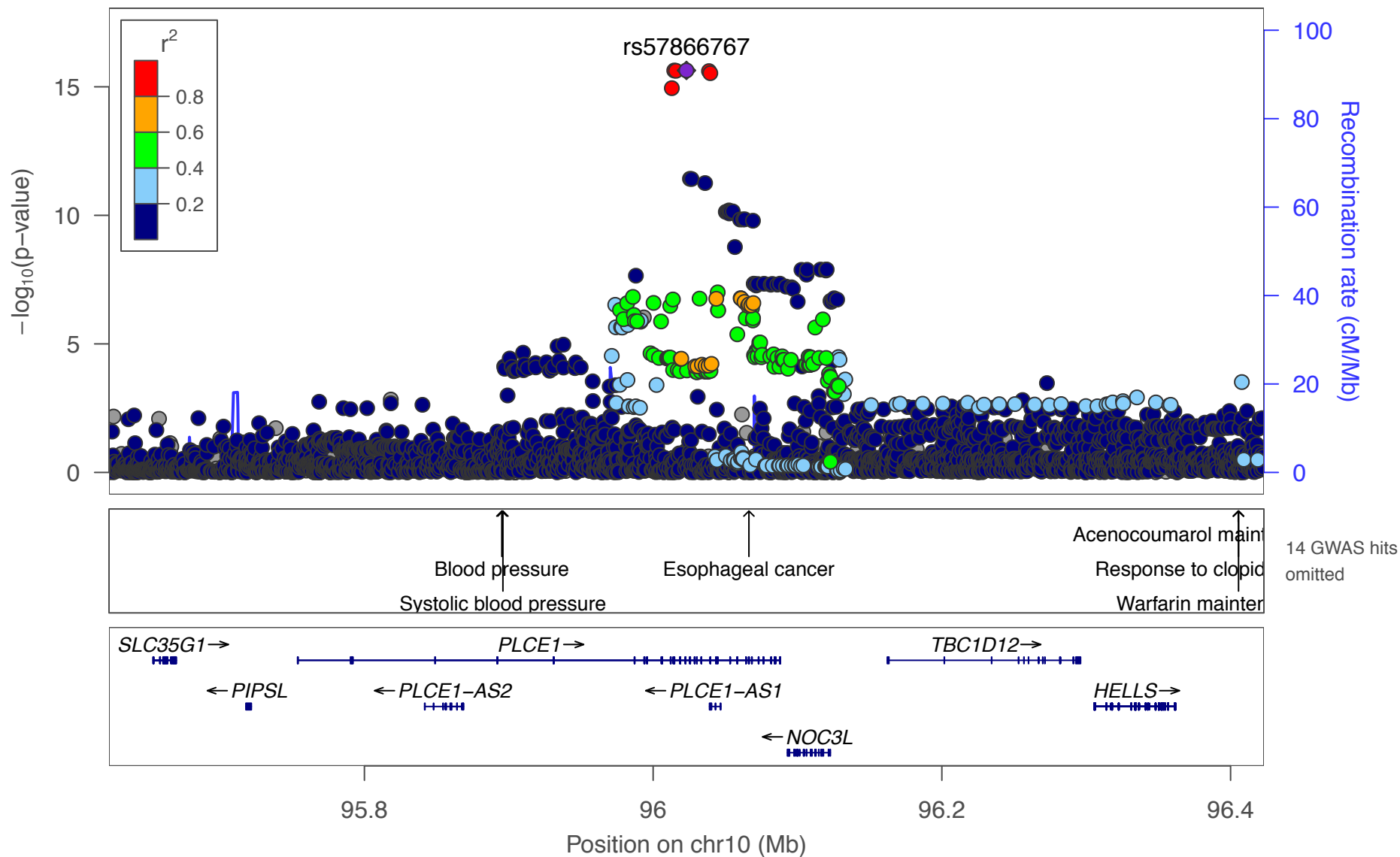
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0027



date: Thu Aug 17 18:49:10 2017

build: hg19

display range: chr10:95623077–96423077 [95623077–96423077]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96023077

number of SNPs plotted: 3184

min P.value: 2.31E–16 [chr10:96023077]

max P.value: 9.99E–1 [chr10:96119218]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

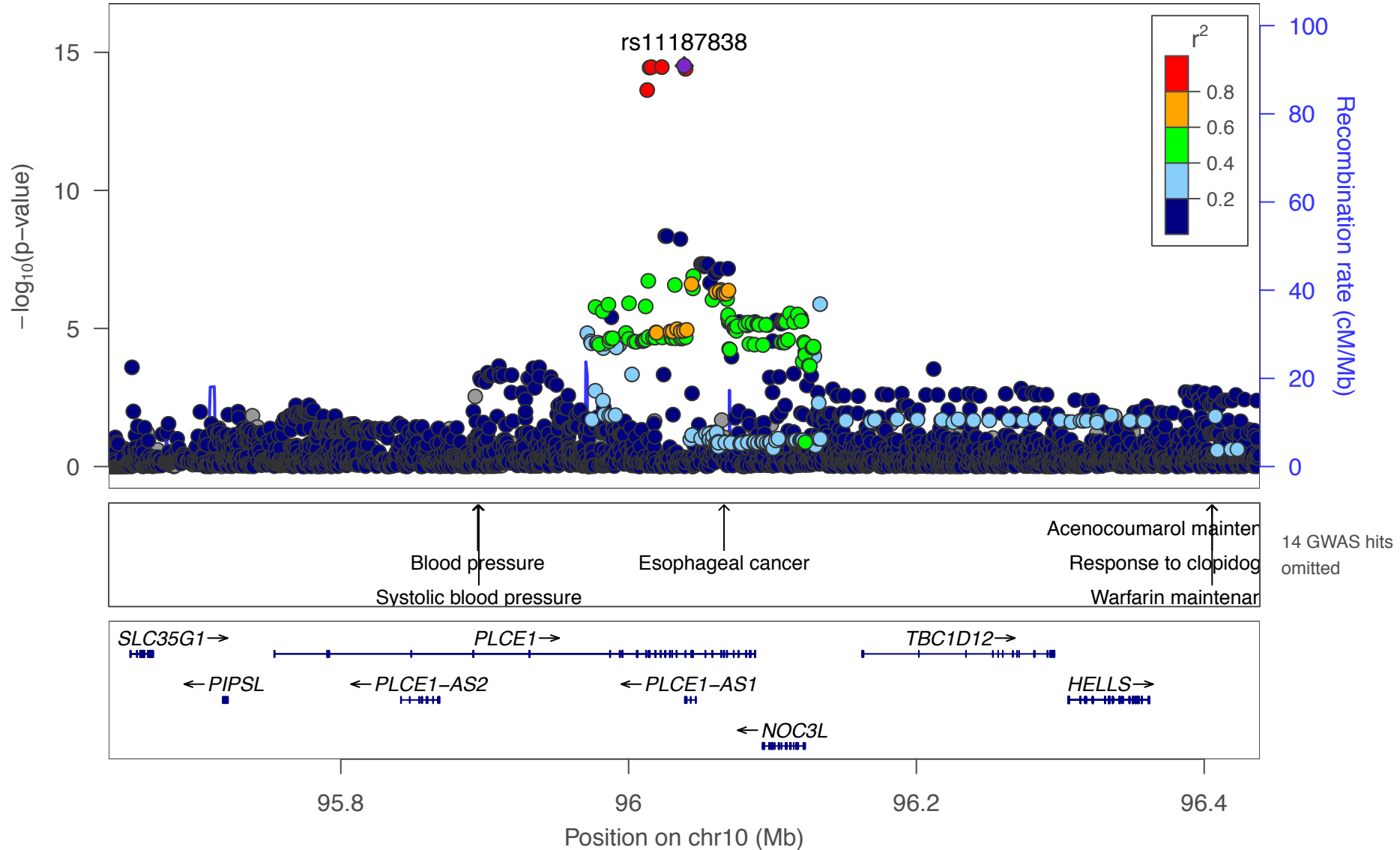
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps25_0020



date: Thu Aug 17 18:47:34 2017

build: hg19

display range: chr10:95638686–96438686 [95638686–96438686]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96038686

number of SNPs plotted: 3190

min P.value: 3.05E–15 [chr10:96038686]

max P.value: 9.99E–1 [chr10:96260800]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

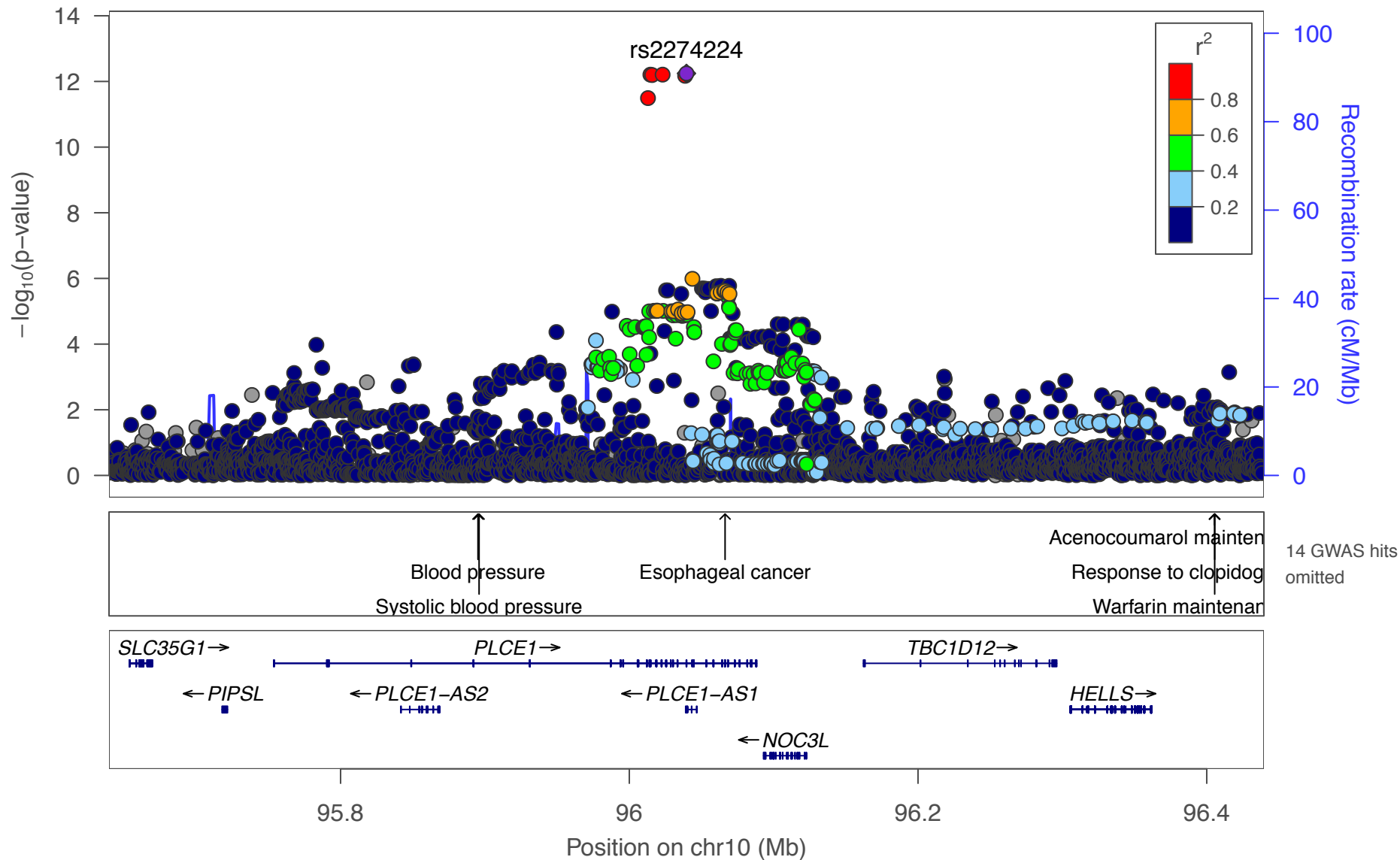
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps25_0001



date: Thu Aug 17 18:49:43 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 5.7E–13 [chr10:96039597]

max P.value: 9.99E–1 [chr10:96176921]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

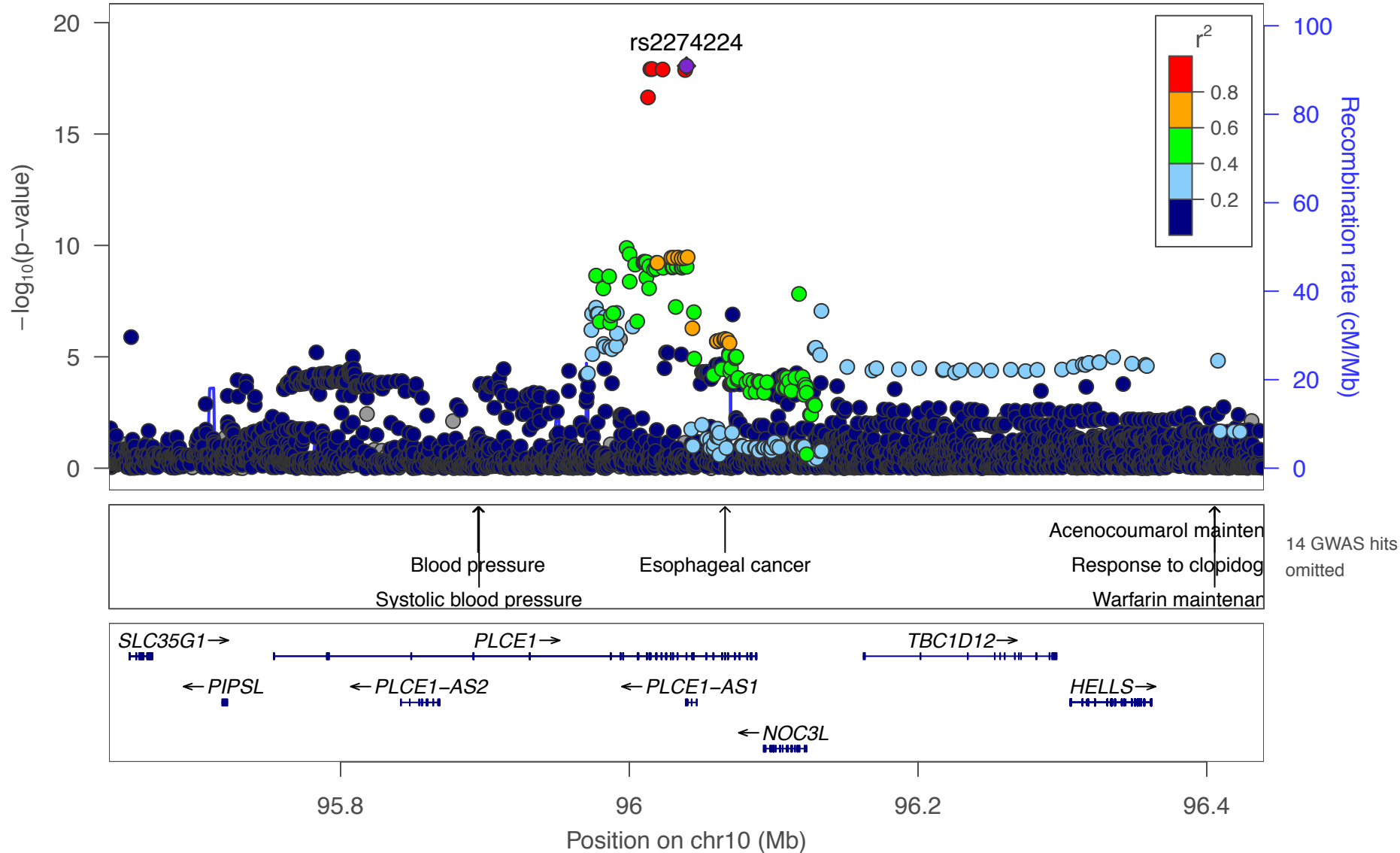
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps25_0005



date: Thu Aug 17 18:49:43 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 8.79E–19 [chr10:96039597]

max P.value: 10E–1 [chr10:96056694]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

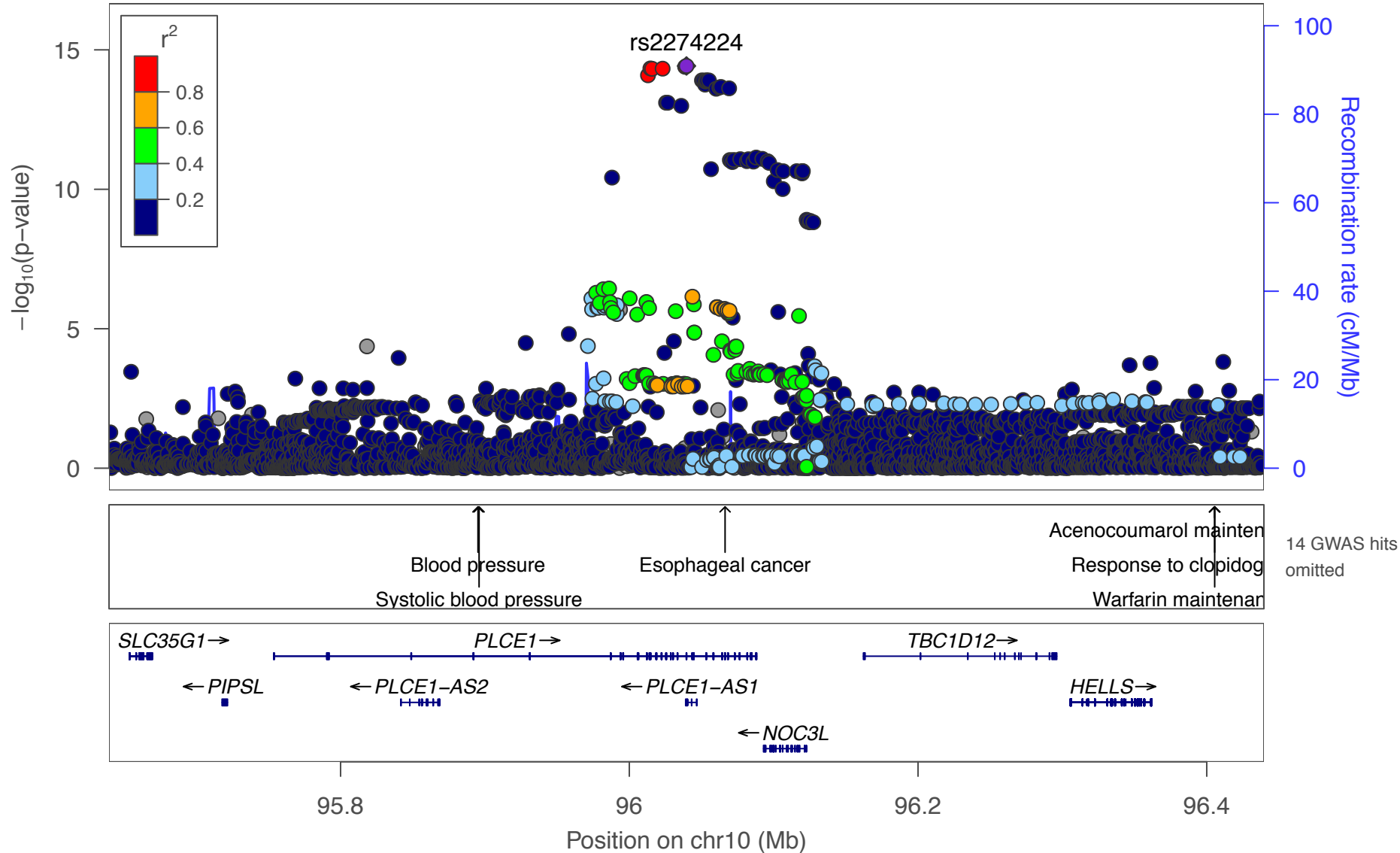
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps25_0014



date: Thu Aug 17 18:47:34 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 3.78E–15 [chr10:96039597]

max P.value: 9.99E–1 [chr10:95718356]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

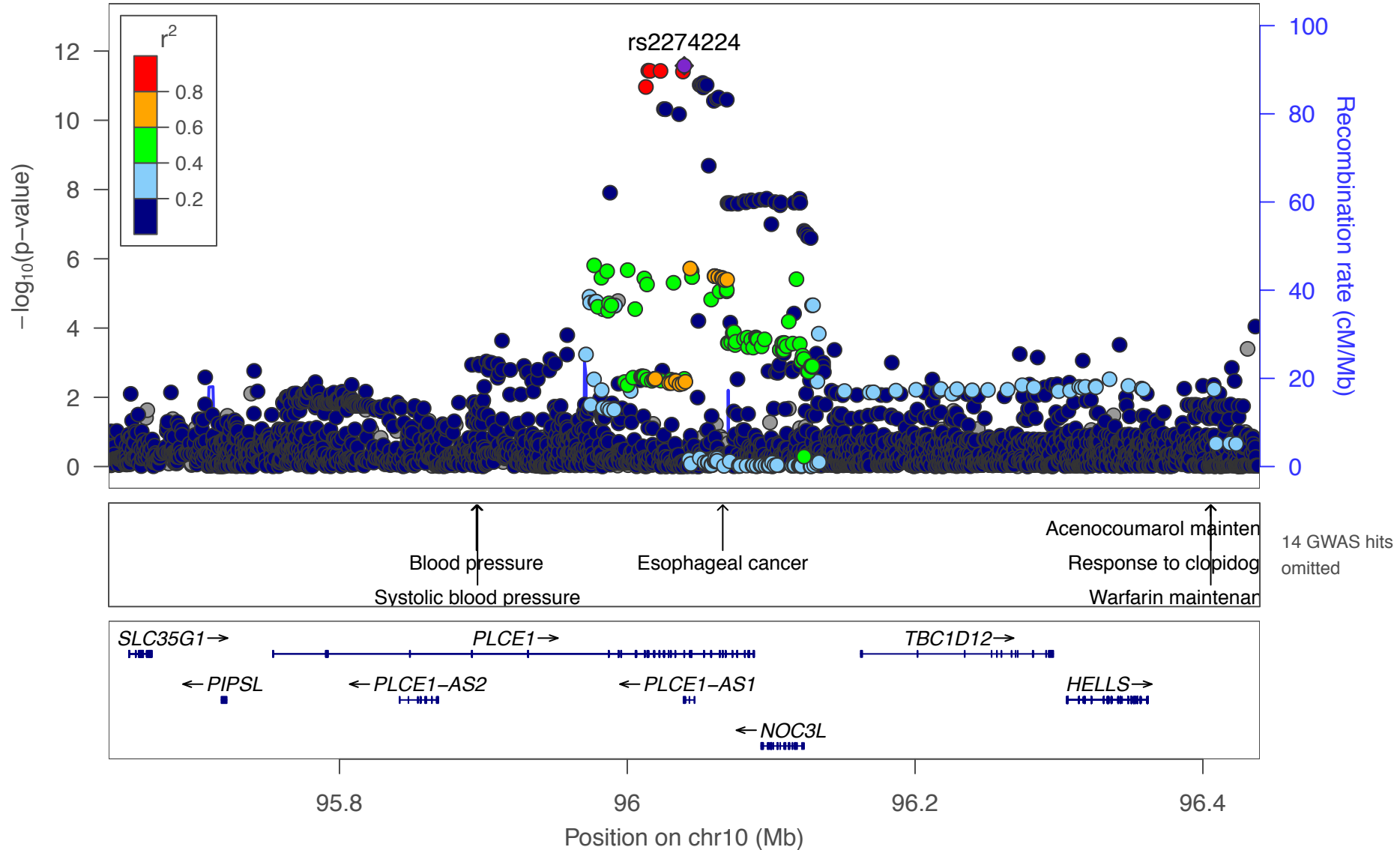
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps25_0021



date: Thu Aug 17 18:49:43 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 2.65E–12 [chr10:96039597]

max P.value: 10E–1 [chr10:96036405]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

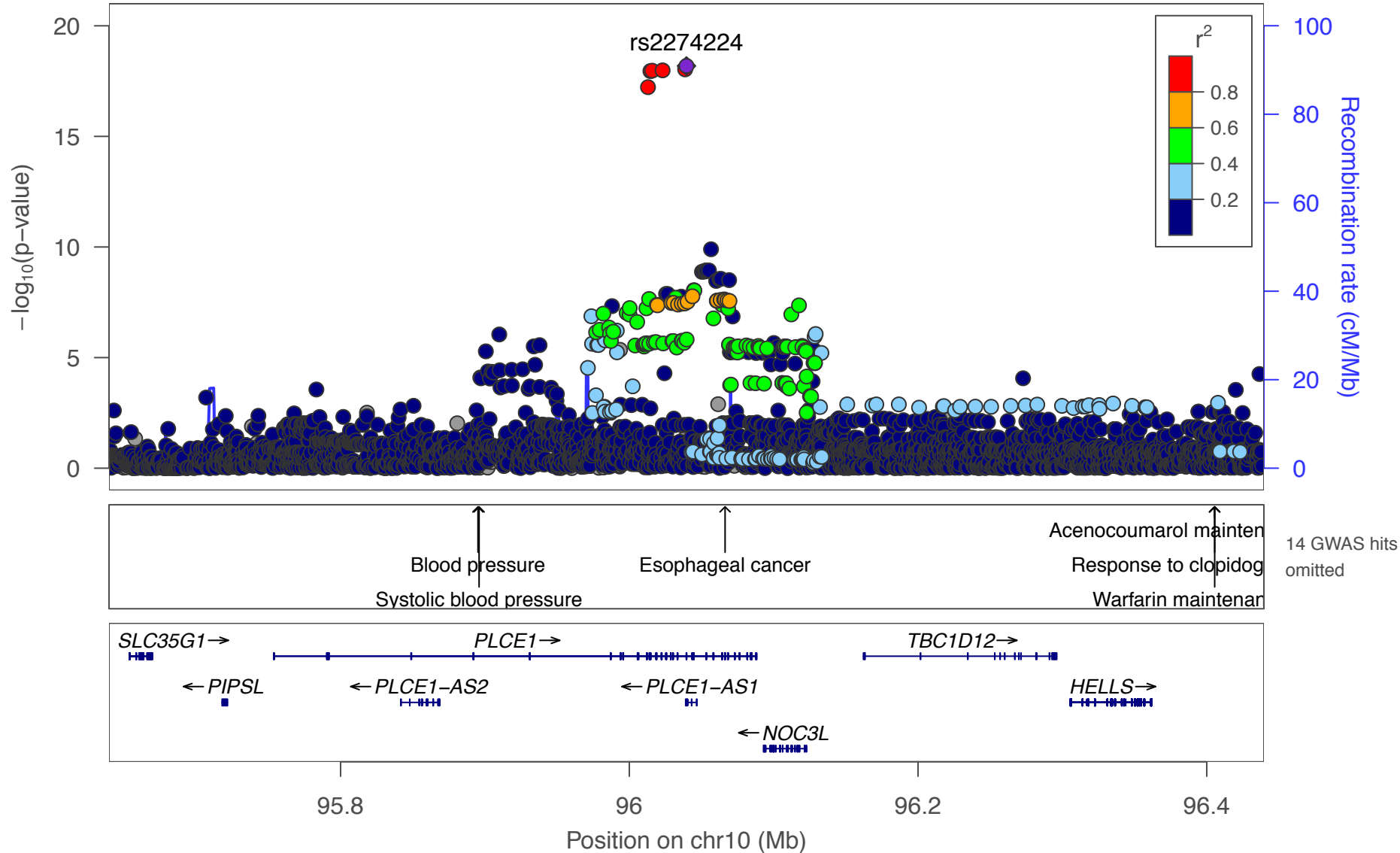
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0002



date: Thu Aug 17 18:49:43 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 6.55E–19 [chr10:96039597]

max P.value: 9.99E–1 [chr10:95693377]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

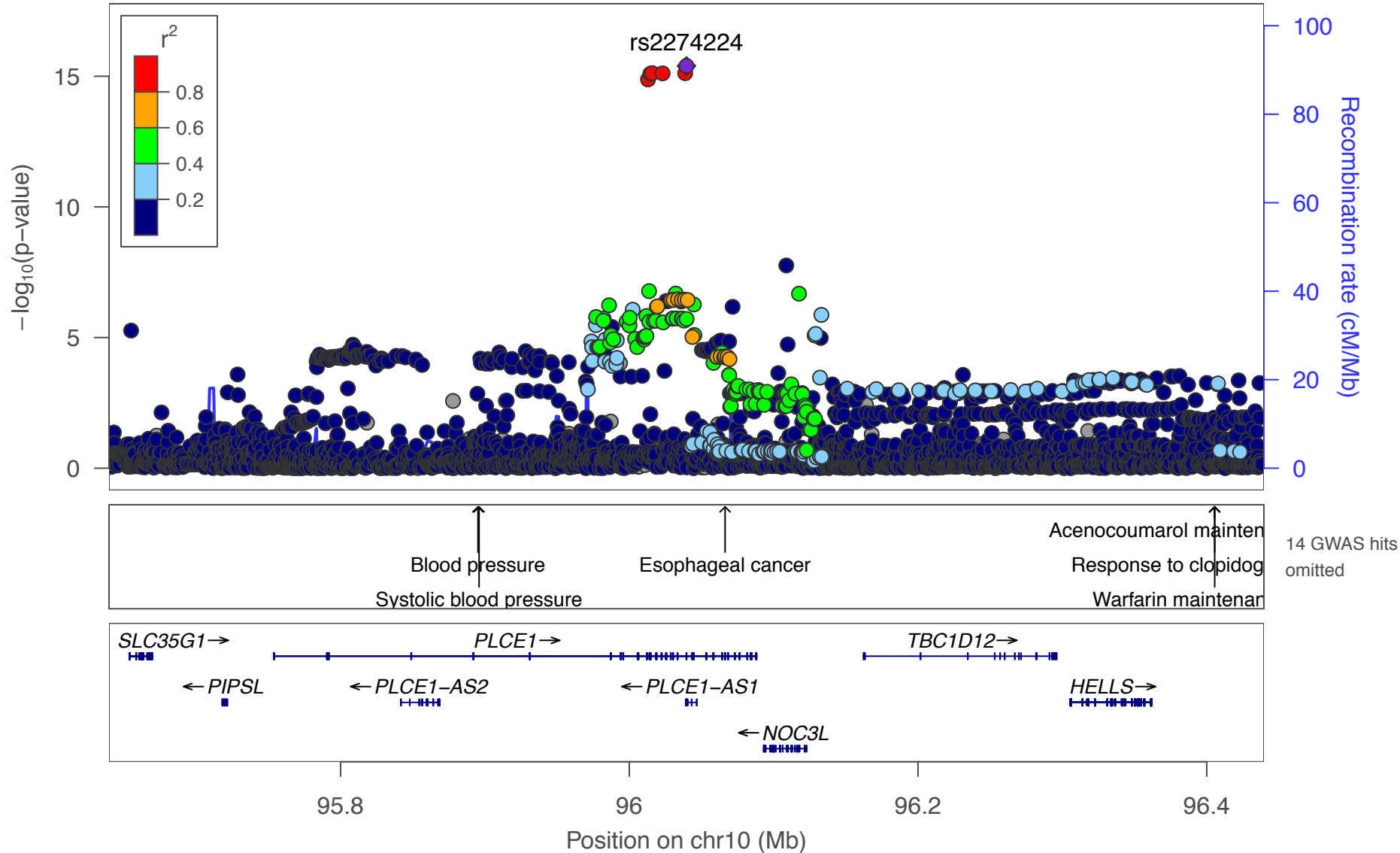
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0012



date: Thu Aug 17 18:49:43 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 4.04E–16 [chr10:96039597]

max P.value: 10E–1 [chr10:95800687]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

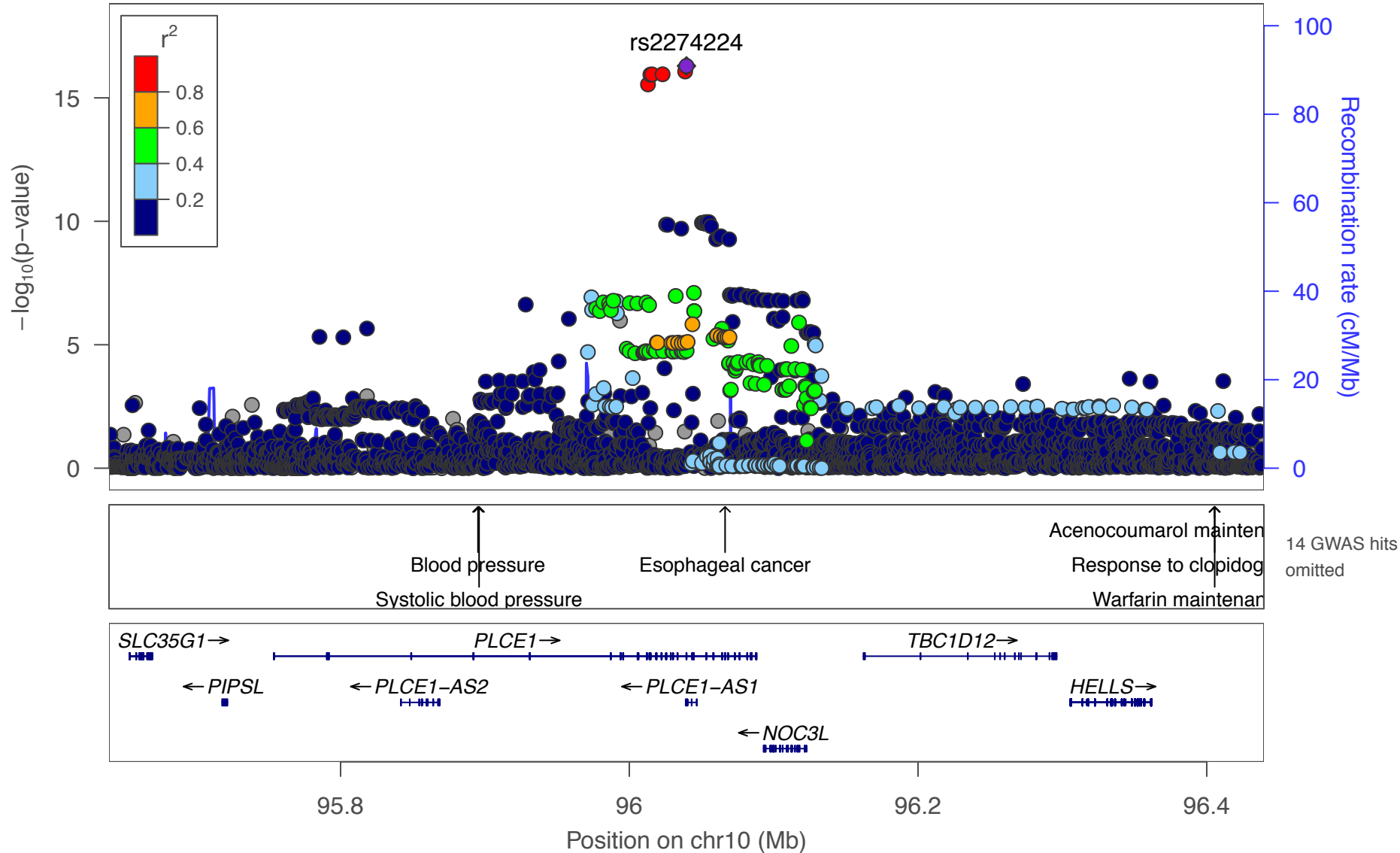
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0015



date: Thu Aug 17 18:43:21 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 5.11E–17 [chr10:96039597]

max P.value: 10E–1 [chr10:95769538]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

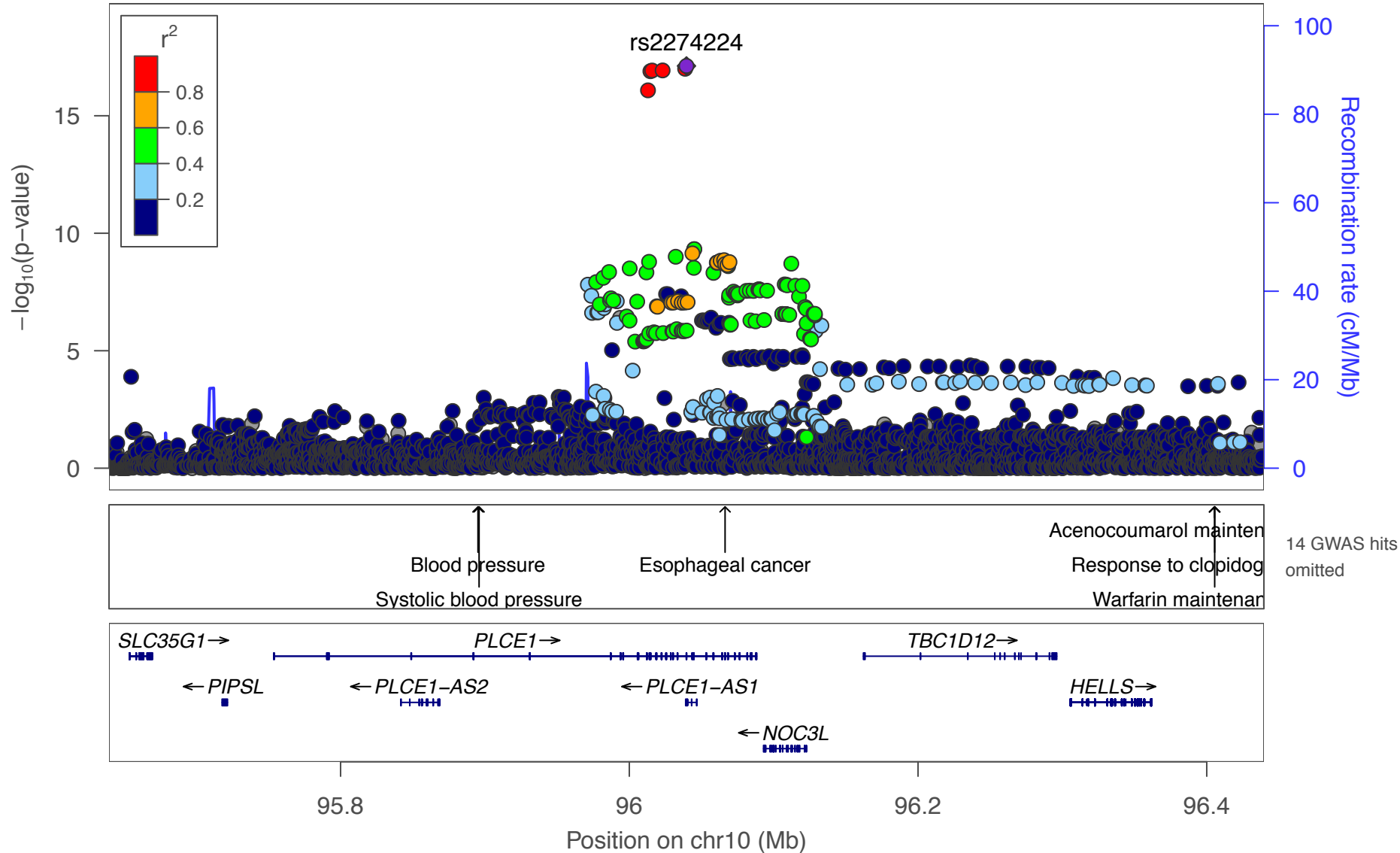
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0019



date: Thu Aug 17 18:47:36 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 7.59E–18 [chr10:96039597]

max P.value: 9.99E–1 [chr10:96193476]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

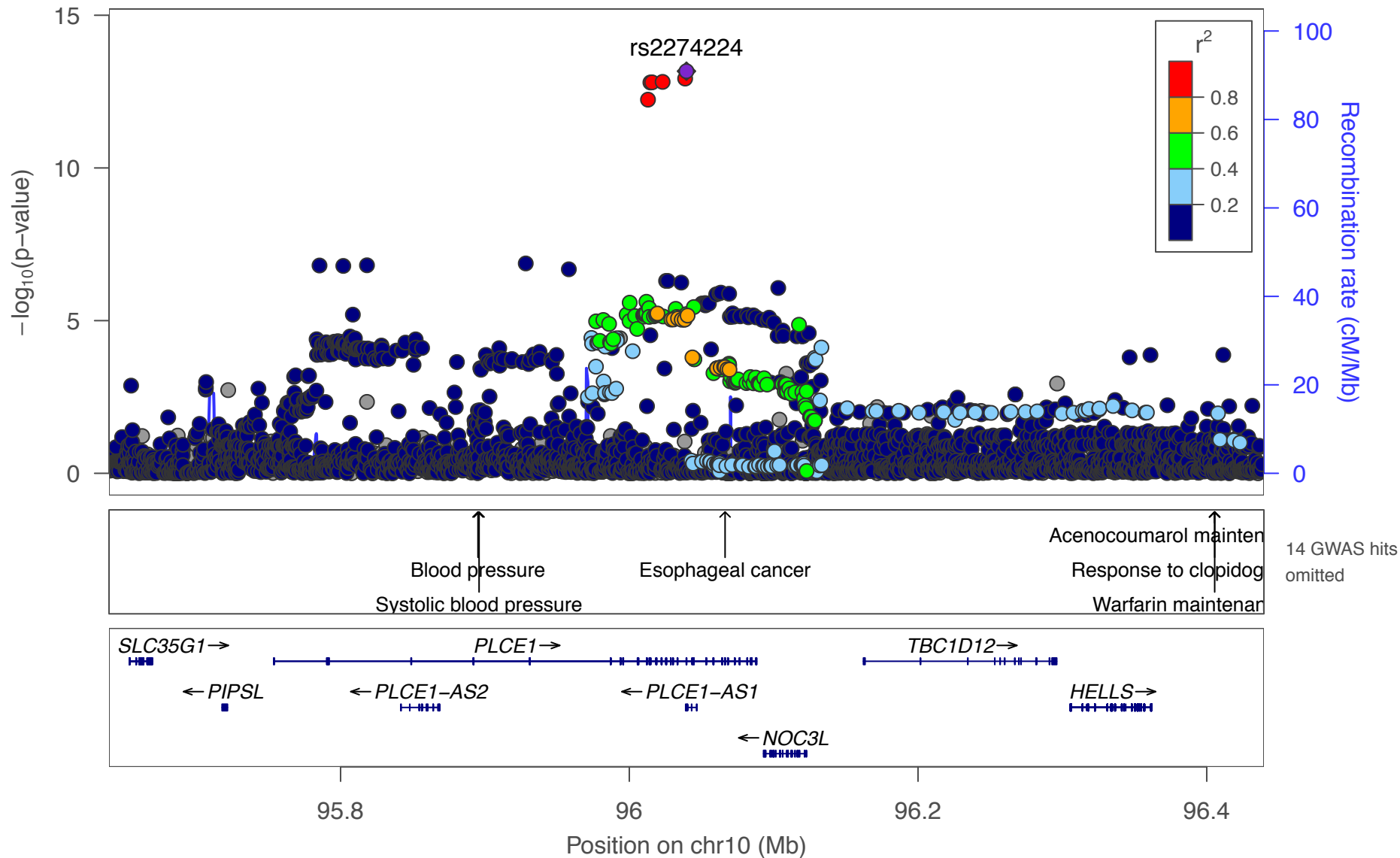
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0026



date: Thu Aug 17 18:43:22 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 6.79E–14 [chr10:96039597]

max P.value: 10E–1 [chr10:96106408]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

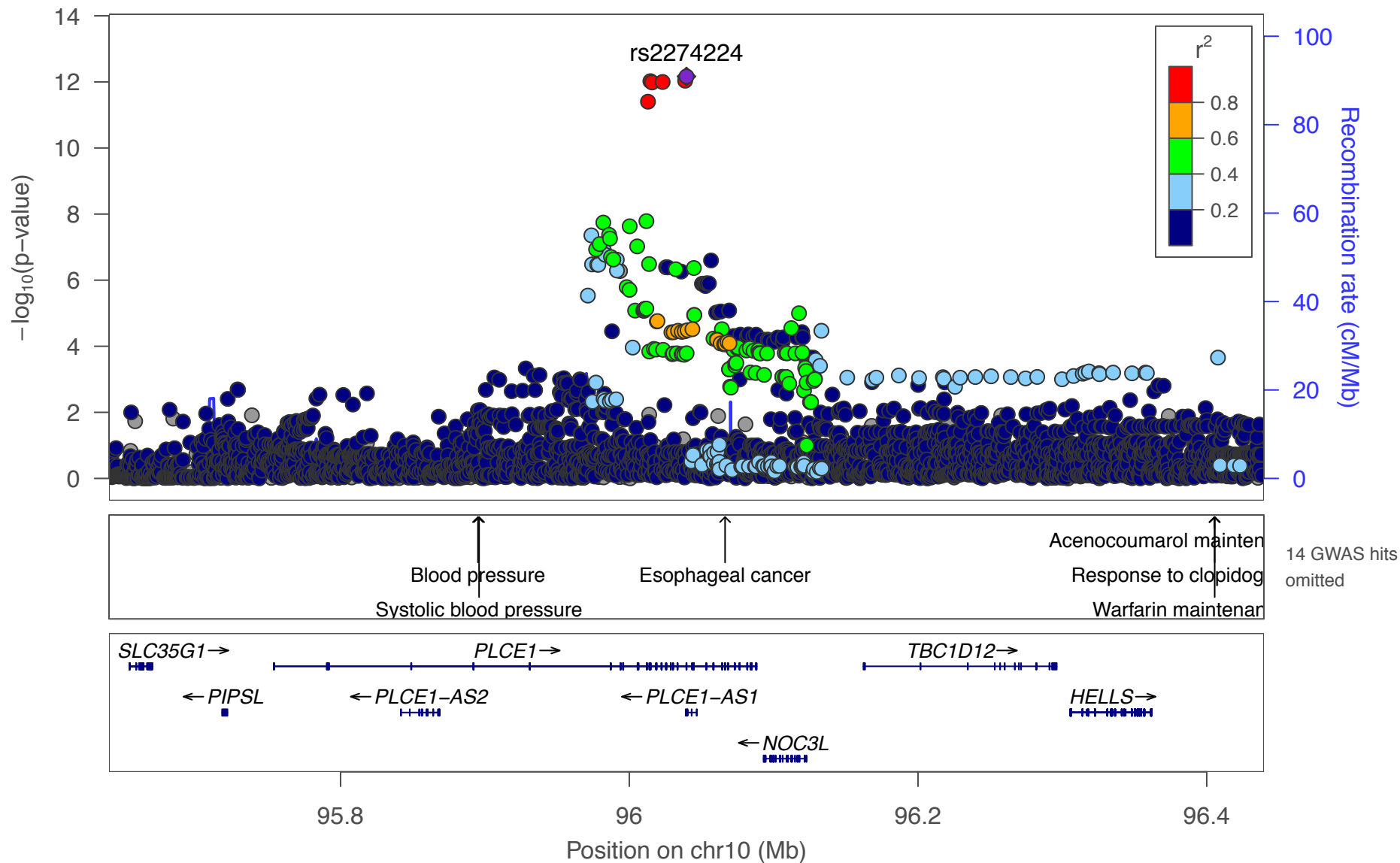
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0035



date: Thu Aug 17 18:47:34 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 6.84E–13 [chr10:96039597]

max P.value: 9.99E–1 [chr10:96380933]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

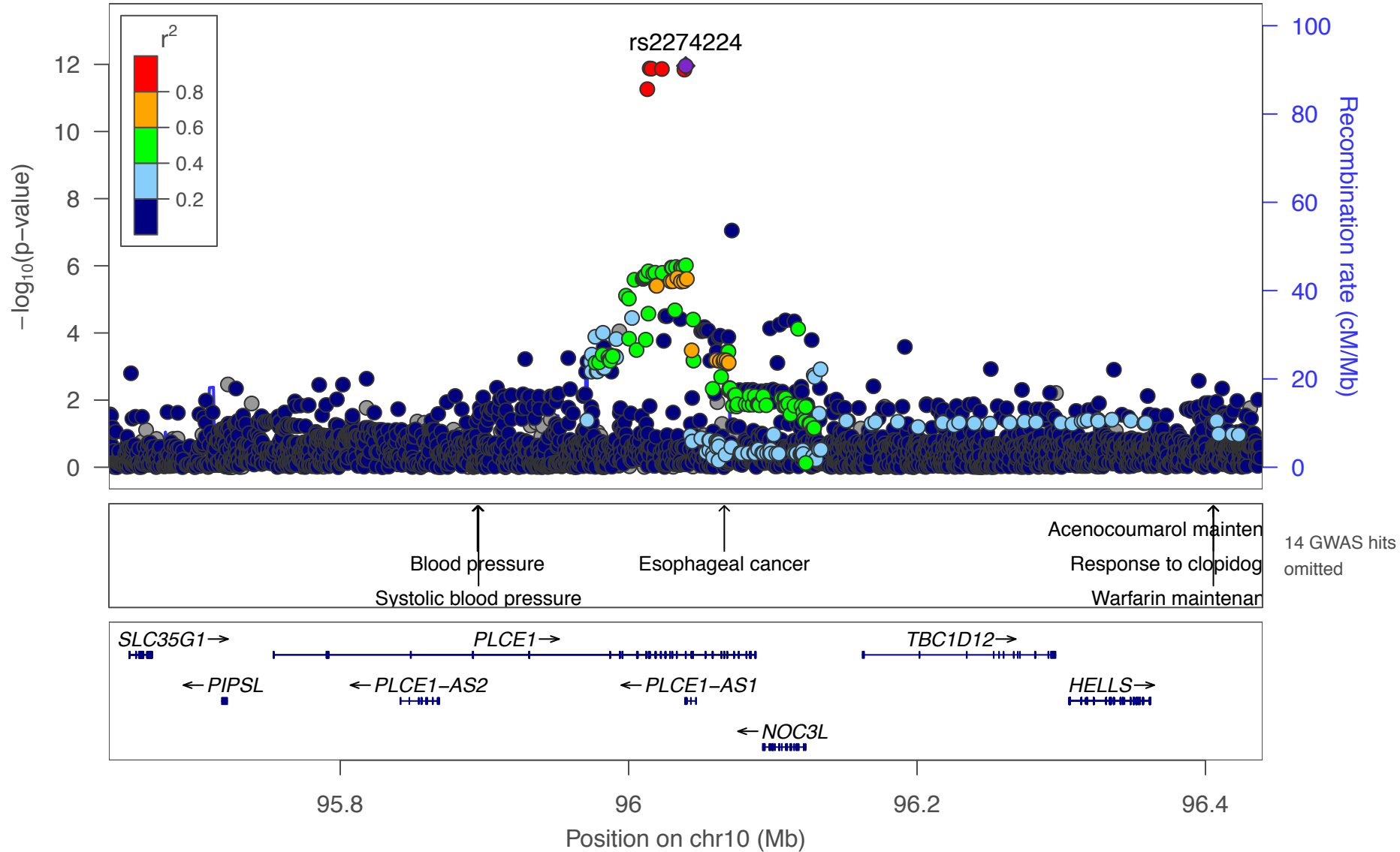
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0040



date: Thu Aug 17 18:50:05 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 1.1E–12 [chr10:96039597]

max P.value: 10E–1 [chr10:95829334]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

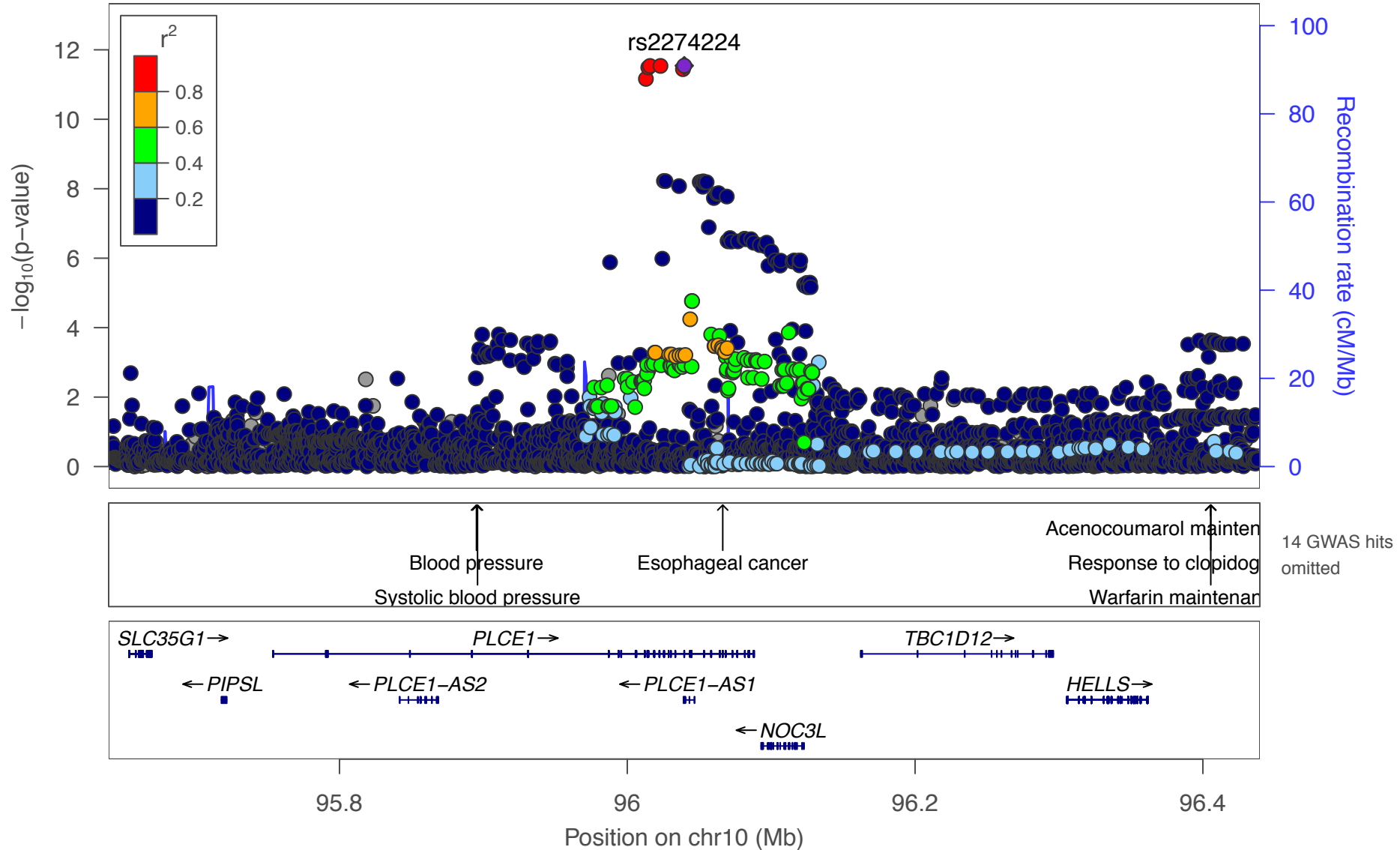
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps100_0044



date: Thu Aug 17 18:57:13 2017

build: hg19

display range: chr10:95639597–96439597 [95639597–96439597]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:96039597

number of SNPs plotted: 3187

min P.value: 2.87E–12 [chr10:96039597]

max P.value: 10E–1 [chr10:96178337]

omitted GWAS Hits: chr10:96.066341–Esophageal cancer, chr10:96.405502–Response to clopidogrel therapy

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

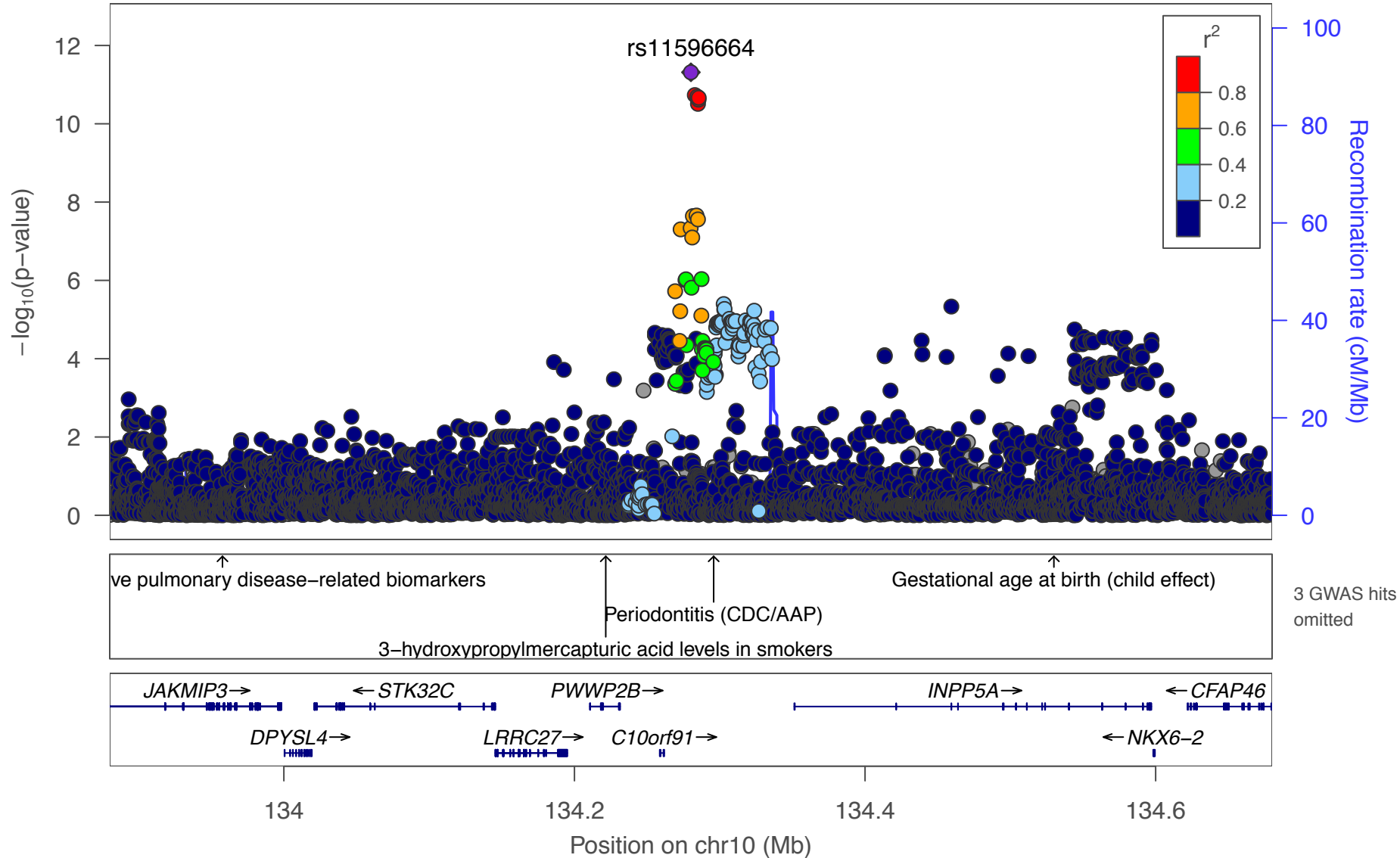
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	95.65996	Cannabis dependence	rs146091982
10	95.89518	Blood pressure	rs9663362
10	95.89594	Systolic blood pressure	rs932764
10	95.89594	Diastolic blood pressure	rs932764
10	95.89594	Hypertension	rs932764
10	95.90632	Glucose homeostasis traits	rs1223629
10	96.01371	Personality traits in bipolar disorder	rs9419788
10	96.01462	Migraine	rs10786156
10	96.01903	Migraine	rs75473620
10	96.03598	Sudden cardiac arrest	rs11187837
10	96.03631	Vertical cup–disc ratio	rs7072574
10	96.05830	Dengue shock syndrome	rs3765524
10	96.05830	Esophageal cancer and gastric cancer	rs3765524
10	96.05864	Lifetime average cigarettes per day in chronic obstructive pulmonary disease	rs117607728
10	96.06634	Esophageal cancer	rs2274223
10	96.06634	Esophageal squamous cell carcinoma	rs2274223
10	96.07037	Esophageal cancer and gastric cancer	rs3781264
10	96.40533	Acenocoumarol maintenance dosage	rs12772169
10	96.40550	Response to clopidogrel therapy	rs12777823
10	96.40550	Warfarin maintenance dose	rs12777823

NODEamps25_0006



date: Thu Aug 17 19:17:52 2017

build: hg19

display range: chr10:133880157–134680157 [133880157–134680157]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:134280157

number of SNPs plotted: 5001

min P.value: 4.84E–12 [chr10:134280157]

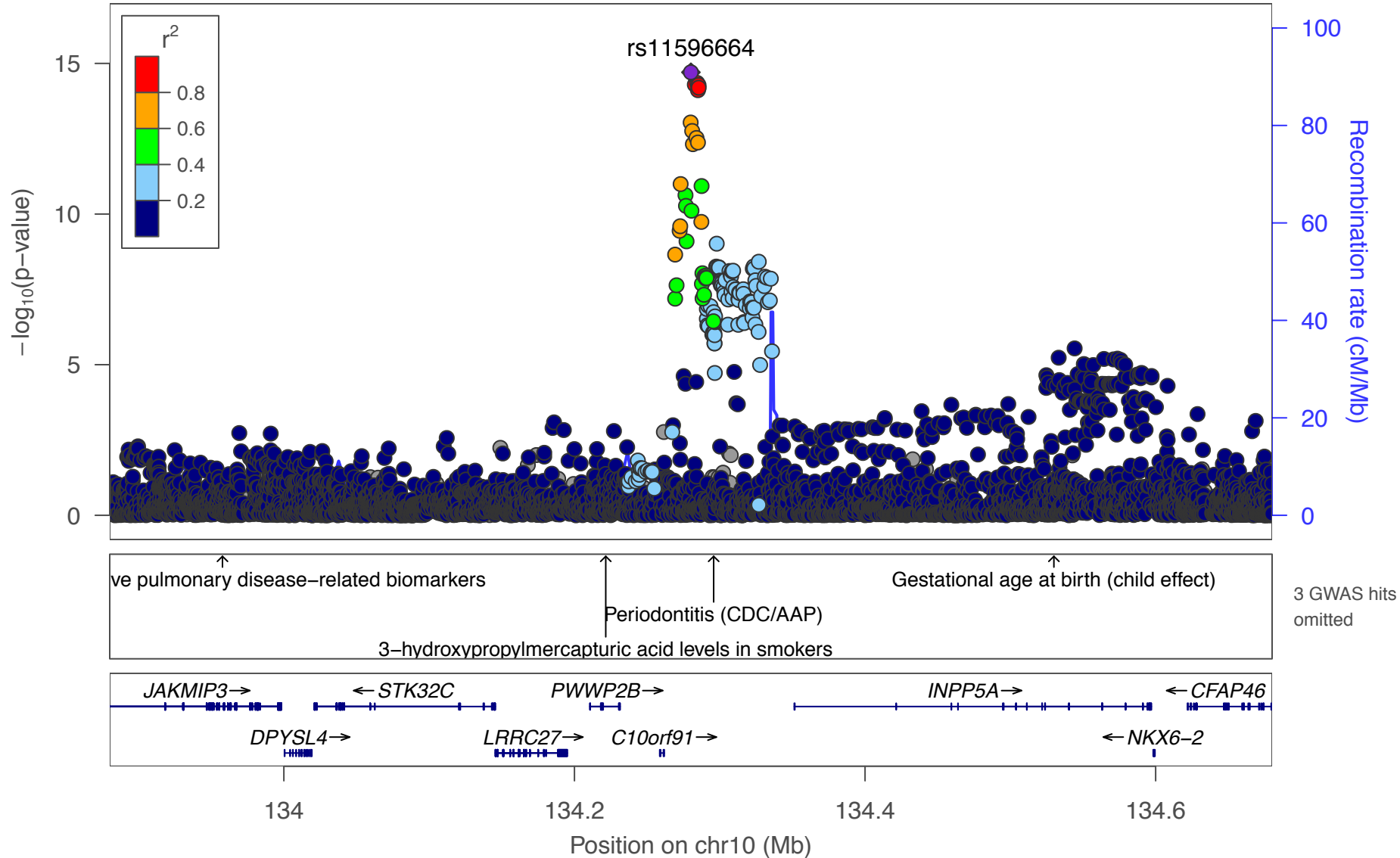
max P.value: 10E–1 [chr10:134191867]

omitted GWAS Hits: chr10:134.529972–Gestational age at birth (child effect), NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	133.9578	Chronic obstructive pulmonary disease–related biomarkers	rs954820
10	134.2054	Neuroticism	rs3923857
10	134.2215	3–hydroxypropylmercapturic acid levels in smokers	rs74383458
10	134.2215	3–hydroxy–1–methylpropylmercapturic acid levels in smokers	rs74383458
10	134.2958	Periodontitis (CDC/AAP)	rs73389468
10	134.5300	Gestational age at birth (child effect)	rs873946
10	134.5300	Gestational age at birth in labor–initiated deliveries (child effect)	rs873946

NODEamps25_0013



date: Thu Aug 17 19:17:52 2017

build: hg19

display range: chr10:133880157–134680157 [133880157–134680157]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:134280157

number of SNPs plotted: 5001

min P.value: 1.97E–15 [chr10:134280157]

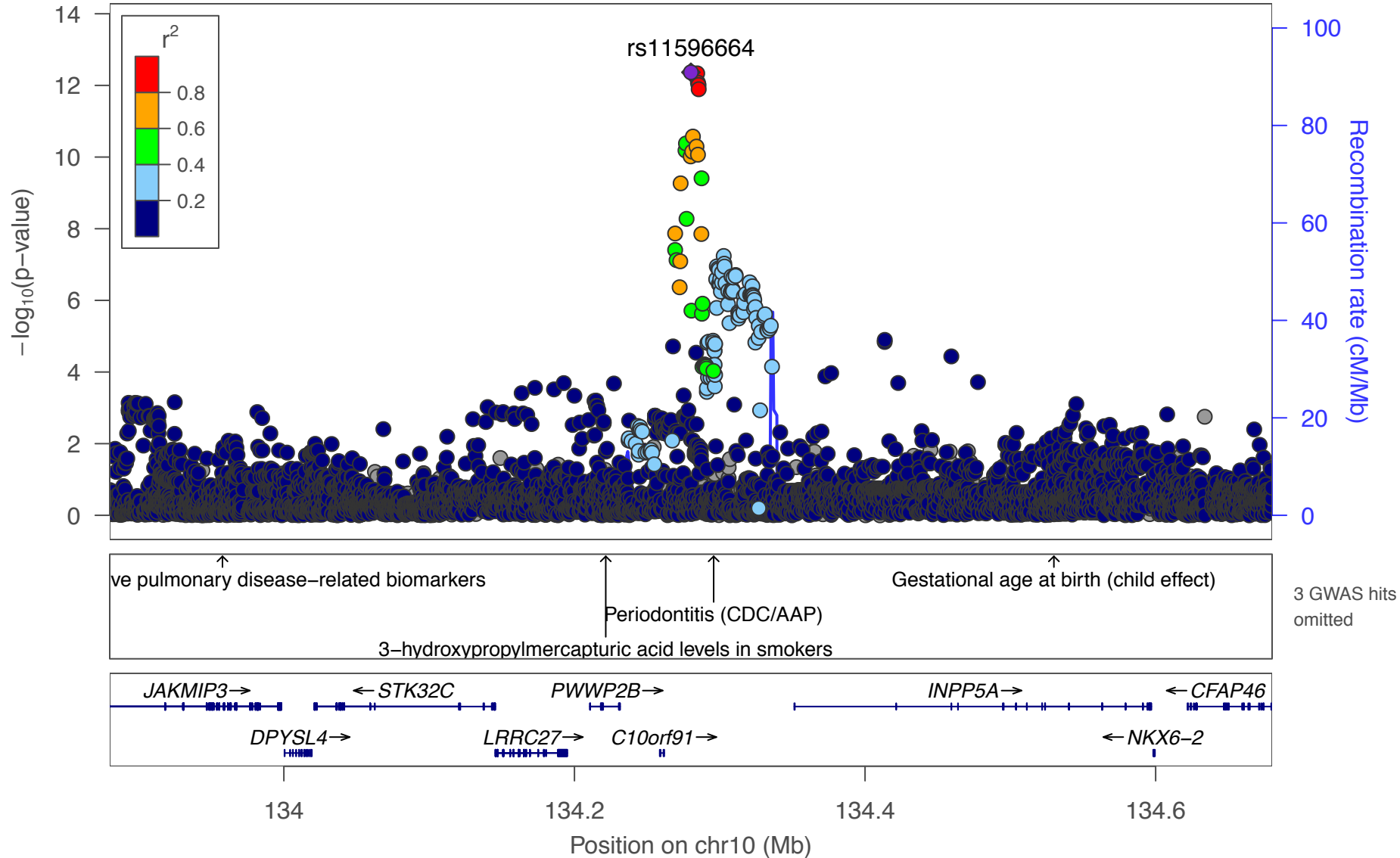
max P.value: 10E–1 [chr10:134201077]

omitted GWAS Hits: chr10:134.529972–Gestational age at birth (child effect), NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	133.9578	Chronic obstructive pulmonary disease–related biomarkers	rs954820
10	134.2054	Neuroticism	rs3923857
10	134.2215	3–hydroxypropylmercapturic acid levels in smokers	rs74383458
10	134.2215	3–hydroxy–1–methylpropylmercapturic acid levels in smokers	rs74383458
10	134.2958	Periodontitis (CDC/AAP)	rs73389468
10	134.5300	Gestational age at birth (child effect)	rs873946
10	134.5300	Gestational age at birth in labor–initiated deliveries (child effect)	rs873946

NODEamps25_0016



date: Thu Aug 17 19:15:57 2017

build: hg19

display range: chr10:133880157–134680157 [133880157–134680157]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:134280157

number of SNPs plotted: 5001

min P.value: 4.31E–13 [chr10:134280157]

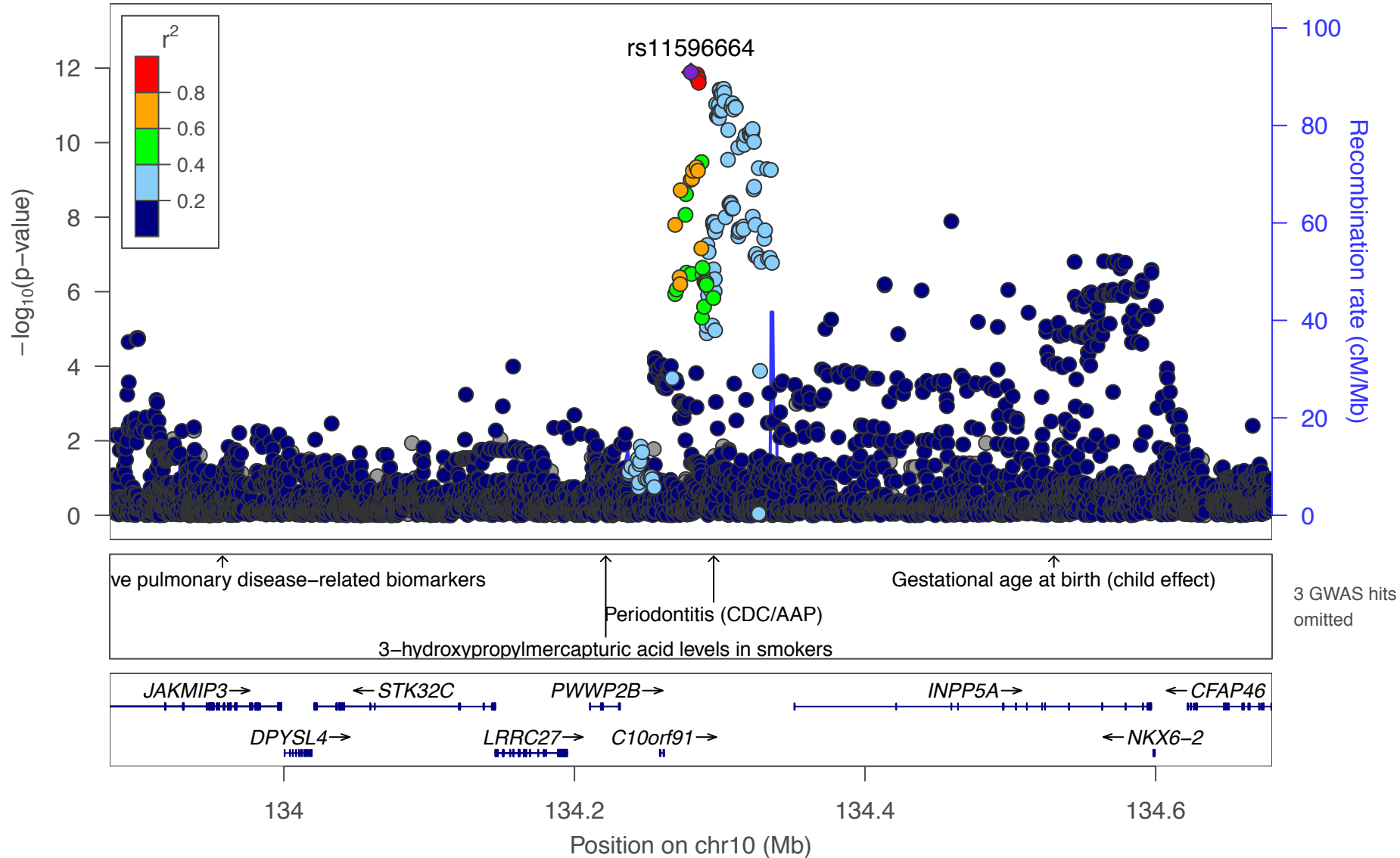
max P.value: 10E–1 [chr10:134664537]

omitted GWAS Hits: chr10:134.529972–Gestational age at birth (child effect), NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	133.9578	Chronic obstructive pulmonary disease–related biomarkers	rs954820
10	134.2054	Neuroticism	rs3923857
10	134.2215	3–hydroxypropylmercapturic acid levels in smokers	rs74383458
10	134.2215	3–hydroxy–1–methylpropylmercapturic acid levels in smokers	rs74383458
10	134.2958	Periodontitis (CDC/AAP)	rs73389468
10	134.5300	Gestational age at birth (child effect)	rs873946
10	134.5300	Gestational age at birth in labor–initiated deliveries (child effect)	rs873946

NODEamps25_0021



date: Thu Aug 17 19:15:57 2017

build: hg19

display range: chr10:133880157–134680157 [133880157–134680157]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:134280157

number of SNPs plotted: 5001

min P.value: 1.3E–12 [chr10:134280157]

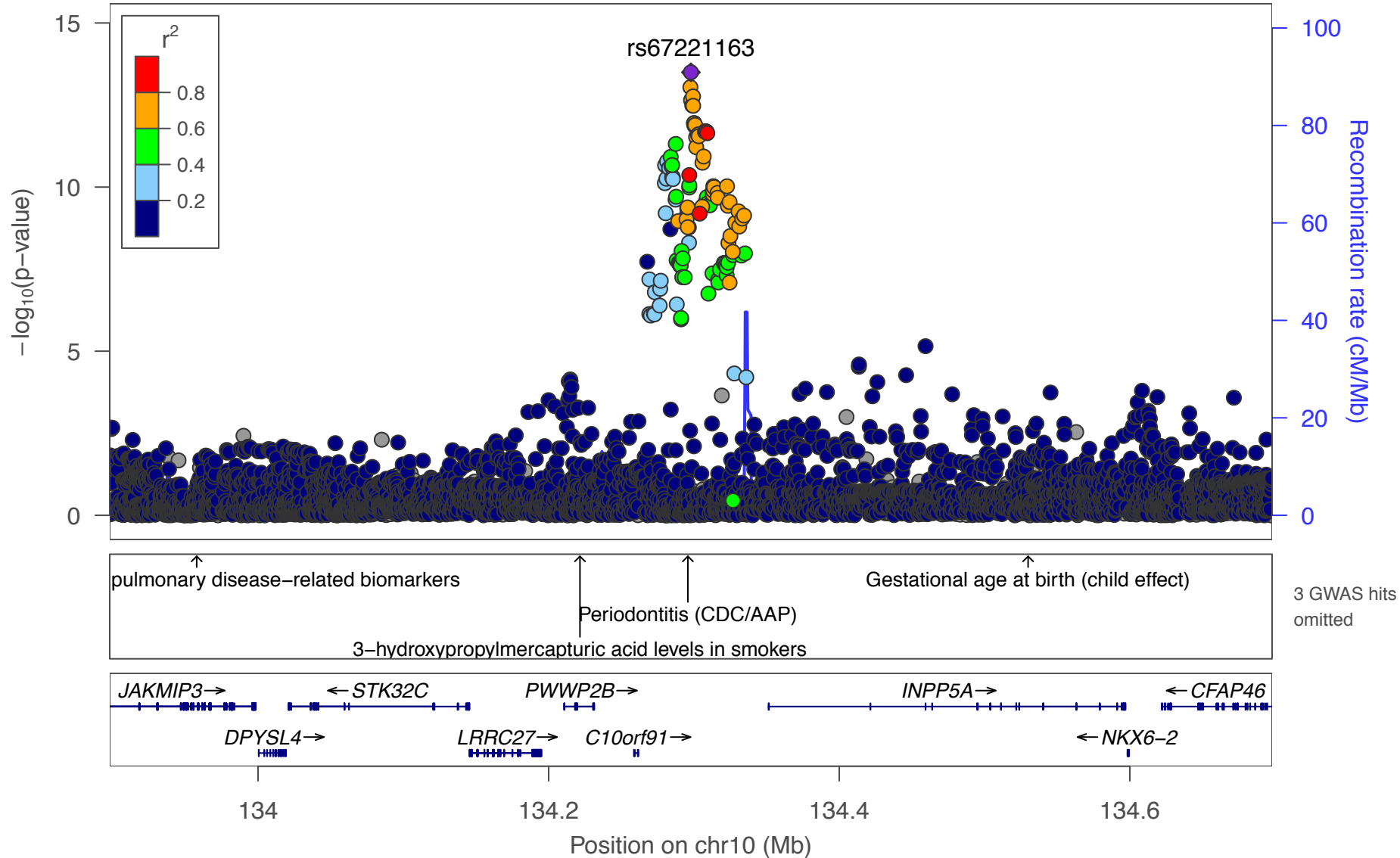
max P.value: 9.99E–1 [chr10:133935352]

omitted GWAS Hits: chr10:134.529972–Gestational age at birth (child effect), NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	133.9578	Chronic obstructive pulmonary disease–related biomarkers	rs954820
10	134.2054	Neuroticism	rs3923857
10	134.2215	3–hydroxypropylmercapturic acid levels in smokers	rs74383458
10	134.2215	3–hydroxy–1–methylpropylmercapturic acid levels in smokers	rs74383458
10	134.2958	Periodontitis (CDC/AAP)	rs73389468
10	134.5300	Gestational age at birth (child effect)	rs873946
10	134.5300	Gestational age at birth in labor–initiated deliveries (child effect)	rs873946

NODEamps100_0035



date: Thu Aug 17 18:58:29 2017

build: hg19

display range: chr10:133897909–134697909 [133897909–134697909]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:134297909

number of SNPs plotted: 5069

min P.value: 3.18E–14 [chr10:134297909]

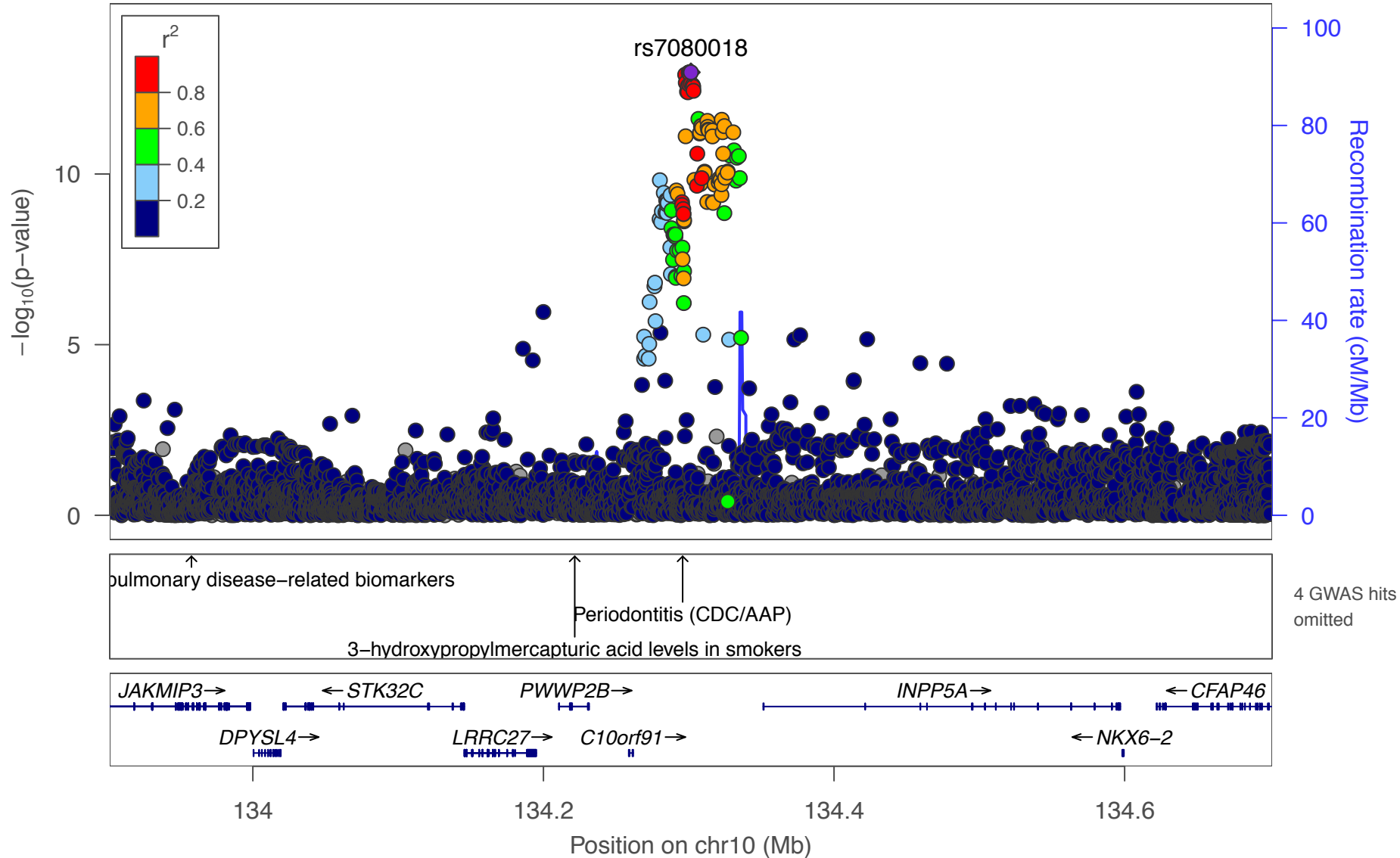
max P.value: 10E–1 [chr10:134697143]

omitted GWAS Hits: chr10:134.529972–Gestational age at birth (child effect), NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	133.9578	Chronic obstructive pulmonary disease–related biomarkers	rs954820
10	134.2054	Neuroticism	rs3923857
10	134.2215	3–hydroxypropylmercapturic acid levels in smokers	rs74383458
10	134.2215	3–hydroxy–1–methylpropylmercapturic acid levels in smokers	rs74383458
10	134.2958	Periodontitis (CDC/AAP)	rs73389468
10	134.5300	Gestational age at birth (child effect)	rs873946
10	134.5300	Gestational age at birth in labor–initiated deliveries (child effect)	rs873946

NODEamps100_0027



date: Thu Aug 17 18:59:23 2017

build: hg19

display range: chr10:133901505–134701505 [133901505–134701505]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr10:134301505

number of SNPs plotted: 5069

min P.value: 1.05E–13 [chr10:134301505]

max P.value: 10E–1 [chr10:134033082]

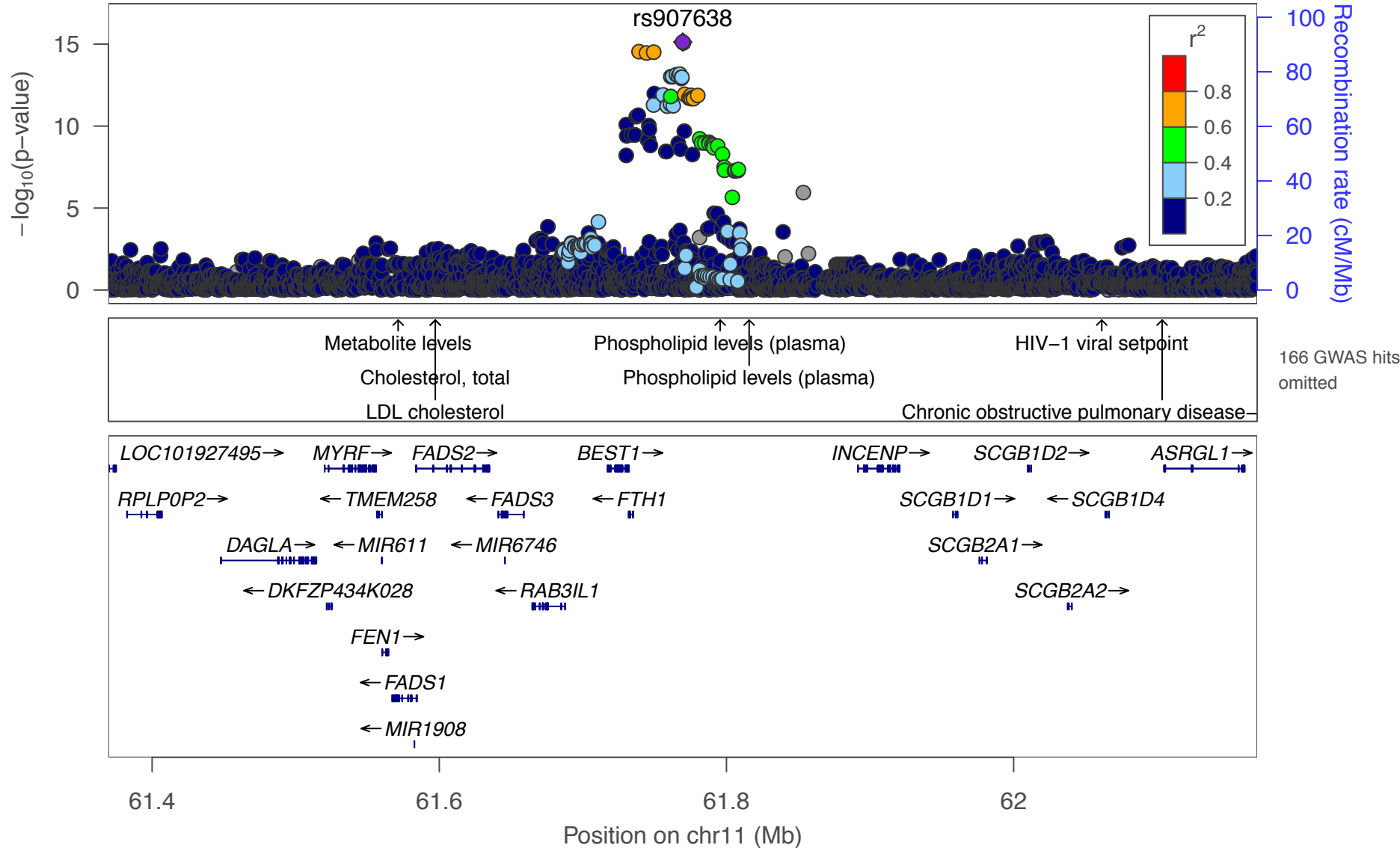
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
10	133.9578	Chronic obstructive pulmonary disease–related biomarkers	rs954820
10	134.2054	Neuroticism	rs3923857
10	134.2215	3–hydroxypropylmercapturic acid levels in smokers	rs74383458
10	134.2215	3–hydroxy–1–methylpropylmercapturic acid levels in smokers	rs74383458
10	134.2958	Periodontitis (CDC/AAP)	rs73389468
10	134.5300	Gestational age at birth (child effect)	rs873946
10	134.5300	Gestational age at birth in labor–initiated deliveries (child effect)	rs873946

SWI_T2star_right_pallidum



date: Thu Aug 17 18:50:05 2017

build: hg19

display range: chr11:61369588–62169588 [61369588–62169588]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr11:61769588

number of SNPs plotted: 3658

min P.value: 7.46E–16 [chr11:61769588]

max P.value: 10E–1 [chr11:61861500]

omitted GWAS Hits: chr11:61.795586–Phospholipid levels (plasma), chr11:61.815803–Phospholipid levels (plasma)

omitted GWAS Hits: chr11:62.061349–HIV–1 viral setpoint, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

Make more plots at <http://csg.sph.umich.edu/locuszoom/>

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.41747	Phospholipid levels (plasma)	rs1692120
11	61.44249	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs7925523
11	61.45860	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs11827215
11	61.48516	3-hydroxypropylmercapturic acid levels in smokers	rs10488693
11	61.49049	Phospholipid levels (plasma)	rs198426
11	61.49433	Immune reponse to smallpox (secreted IL-2)	rs4963243
11	61.54350	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174528
11	61.54350	Trans fatty acid levels	rs174528
11	61.54396	HDL cholesterol	rs174529
11	61.54396	Triglycerides	rs174529
11	61.54724	Trans fatty acid levels	rs108499
11	61.54856	Plasma omega-3 polyunsaturated fatty acid levels (alpha-linolenic acid)	rs509360
11	61.54856	Trans fatty acid levels	rs509360
11	61.54946	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174534
11	61.54946	Trans fatty acid levels	rs174534
11	61.55136	Phospholipid levels (plasma)	rs174535
11	61.55136	Blood metabolite levels	rs174535
11	61.55136	Red blood cell fatty acid levels	rs174535
11	61.55136	Trans fatty acid levels	rs174535
11	61.55193	Phospholipid levels (plasma)	rs174536
11	61.55193	Glycerophospholipid levels	rs174536

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.55193	Plasma omega-3 polyunsaturated fatty acid levels (alphalinolenic acid)	rs174536
11	61.55193	Trans fatty acid levels	rs174536
11	61.55193	Resting heart rate	rs174536
11	61.55268	Crohn's disease	rs174537
11	61.55268	Glycerophospholipid levels	rs174537
11	61.55268	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174537
11	61.55268	Colorectal cancer	rs174537
11	61.55268	Trans fatty acid levels	rs174537
11	61.55780	Phospholipid levels (plasma)	rs102275
11	61.55780	Metabolic syndrome	rs102275
11	61.55780	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs102275
11	61.55780	Metabolite levels	rs102275
11	61.55780	Oleic acid (18:1n-9) plasma levels	rs102275
11	61.55780	Crohn's disease	rs102275
11	61.55780	Glycerophospholipid levels	rs102275
11	61.55780	Trans fatty acid levels	rs102275
11	61.55780	Palmitoleic acid (16:1n-7) plasma levels	rs102275
11	61.55780	Stearic acid (18:0) plasma levels	rs102275
11	61.56008	Phospholipid levels (plasma)	rs174538
11	61.56008	Blood metabolite levels	rs174538
11	61.56008	Trans fatty acid levels	rs174538

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.56430	Phospholipid levels (plasma)	rs4246215
11	61.56430	Platelet count	rs4246215
11	61.56430	Inflammatory bowel disease	rs4246215
11	61.56430	Red blood cell fatty acid levels	rs4246215
11	61.56430	Trans fatty acid levels	rs4246215
11	61.56591	Metabolite levels	rs174541
11	61.56591	Red blood cell fatty acid levels	rs174541
11	61.56591	Trans fatty acid levels	rs174541
11	61.56931	Delta-6 desaturase activity	rs174545
11	61.56931	Red blood cell fatty acid levels	rs174545
11	61.56931	Trans fatty acid levels	rs174545
11	61.56983	LDL cholesterol	rs174546
11	61.56983	HDL cholesterol	rs174546
11	61.56983	Triglycerides	rs174546
11	61.56983	Cholesterol, total	rs174546
11	61.56983	Metabolic syndrome	rs174546
11	61.56983	Glycerophospholipid levels	rs174546
11	61.56983	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174546
11	61.56983	Trans fatty acid levels	rs174546
11	61.56983	C-reactive protein levels or triglyceride levels (pleiotropy)	rs174546
11	61.56983	C-reactive protein levels or HDL-cholesterol levels (pleiotropy)	rs174546

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57078	HDL cholesterol	rs174547
11	61.57078	Triglycerides	rs174547
11	61.57078	Phospholipid levels (plasma)	rs174547
11	61.57078	Resting heart rate	rs174547
11	61.57078	Metabolic traits	rs174547
11	61.57078	Lipid metabolism phenotypes	rs174547
11	61.57078	Comprehensive strength and appendicular lean mass	rs174547
11	61.57078	Glycerophospholipid levels	rs174547
11	61.57078	Sphingolipid levels	rs174547
11	61.57078	Metabolite levels (lipid measures)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174547
11	61.57078	Height	rs174547
11	61.57078	Trans fatty acid levels	rs174547
11	61.57135	Metabolite levels	rs174548
11	61.57135	HDL cholesterol	rs174548
11	61.57135	Triglycerides	rs174548
11	61.57135	Blood metabolite ratios	rs174548
11	61.57135	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174548
11	61.57135	Delta-6 desaturase activity	rs174548

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57135	Blood metabolite levels	rs174548
11	61.57135	Hematology traits	rs174548
11	61.57135	Trans fatty acid levels	rs174548
11	61.57138	Laryngeal squamous cell carcinoma	rs174549
11	61.57138	Comprehensive strength and appendicular lean mass	rs174549
11	61.57138	Heart rate	rs174549
11	61.57138	Metabolite levels	rs174549
11	61.57138	Red blood cell fatty acid levels	rs174549
11	61.57138	Trans fatty acid levels	rs174549
11	61.57148	Phospholipid levels (plasma)	rs174550
11	61.57148	Fasting glucose-related traits	rs174550
11	61.57148	Fasting glucose-related traits (interaction with BMI)	rs174550
11	61.57148	Glycerophospholipid levels	rs174550
11	61.57148	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174550
11	61.57148	Plasma omega-6 polyunsaturated fatty acid levels (adrenic acid)	rs174550
11	61.57148	Blood metabolite levels	rs174550
11	61.57148	Red blood cell fatty acid levels	rs174550
11	61.57148	Trans fatty acid levels	rs174550
11	61.57368	LDL cholesterol	rs174551
11	61.57946	Cholesterol, total	rs174554
11	61.57976	Glycerophospholipid levels	rs174555

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57976	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174555
11	61.57976	Trans fatty acid levels	rs174555
11	61.58064	Blood metabolite levels	rs174556
11	61.58064	Trans fatty acid levels	rs174556
11	61.59556	Glycerophospholipid levels	rs968567
11	61.59556	Rheumatoid arthritis	rs968567
11	61.59556	Blood metabolite levels	rs968567
11	61.59721	Cholesterol, total	rs174570
11	61.59721	LDL cholesterol	rs174570
11	61.59721	HDL cholesterol	rs174570
11	61.59721	Glycated hemoglobin levels	rs174570
11	61.59721	Trans fatty acid levels	rs174570
11	61.59797	Phospholipid levels (plasma)	rs1535
11	61.59797	Metabolic syndrome	rs1535
11	61.59797	Response to statin therapy	rs1535
11	61.59797	Glycerophospholipid levels	rs1535
11	61.59797	Inflammatory bowel disease	rs1535
11	61.59797	Trans fatty acid levels	rs1535
11	61.60034	Phospholipid levels (plasma)	rs174574
11	61.60034	Trans fatty acid levels	rs174574
11	61.60034	C-reactive protein levels or LDL-cholesterol levels (pleiotropy)	rs174574

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.60191	Trans fatty acid levels	rs2845573
11	61.60200	Trans fatty acid levels	rs174575
11	61.60324	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs2727270
11	61.60324	Trans fatty acid levels	rs2727270
11	61.60336	Blood metabolite levels	rs2727271
11	61.60336	Trans fatty acid levels	rs2727271
11	61.60351	Glycerophospholipid levels	rs174576
11	61.60351	Trans fatty acid levels	rs174576
11	61.60478	Trans fatty acid levels	rs2524299
11	61.60481	Iron status biomarkers (transferrin levels)	rs174577
11	61.60481	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174577
11	61.60481	P wave duration	rs174577
11	61.60481	Trans fatty acid levels	rs174577
11	61.60481	QRS duration	rs174577
11	61.60522	Trans fatty acid levels	rs2072114
11	61.60550	Glycerophospholipid levels	rs174578
11	61.60550	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174578
11	61.60550	Blood metabolite levels	rs174578
11	61.60550	Trans fatty acid levels	rs174578
11	61.60975	Response to statin therapy	rs174583
11	61.60975	QT interval	rs174583

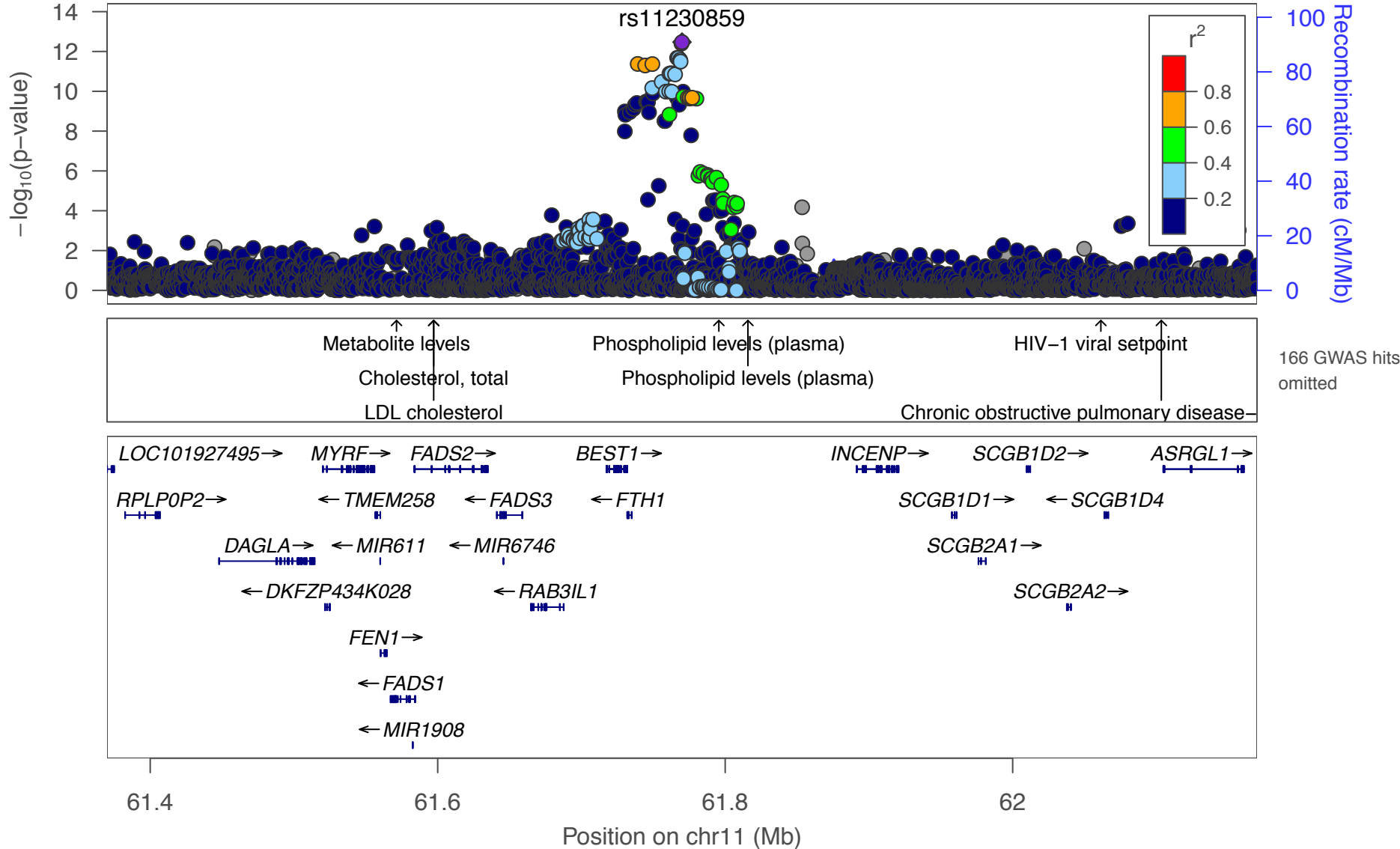
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.60975	Trans fatty acid levels	rs174583
11	61.61601	Trans fatty acid levels	rs2851682
11	61.61601	Gestational age at birth (child effect)	rs2851682
11	61.62314	Liver enzyme levels (alkaline phosphatase)	rs174601
11	61.62314	Blood metabolite levels	rs174601
11	61.62314	Red blood cell fatty acid levels	rs174601
11	61.62314	Trans fatty acid levels	rs174601
11	61.62379	Trans fatty acid levels	rs2526678
11	61.63949	Trans fatty acid levels	rs422249
11	61.63957	Phospholipid levels (plasma)	rs174448
11	61.63957	Trans fatty acid levels	rs174448
11	61.64038	Trans fatty acid levels	rs174449
11	61.65530	Sphingolipid levels	rs1000778
11	61.66369	Phospholipid levels (plasma)	rs174468
11	61.67875	Sphingolipid levels	rs174479
11	61.71148	Phospholipid levels (plasma)	rs2521572
11	61.71213	Estradiol levels	rs2727261
11	61.72264	Phospholipid levels (plasma)	rs1109748
11	61.74629	Phospholipid levels (plasma)	rs10792320
11	61.79559	Phospholipid levels (plasma)	rs11230874
11	61.81580	Phospholipid levels (plasma)	rs4963452

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.96393	3-hydroxypropylmercapturic acid levels in smokers	rs189478926
11	62.00141	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs12806663
11	62.06135	HIV-1 viral setpoint	rs11231017
11	62.10342	Chronic obstructive pulmonary disease-related biomarkers	rs2463822
11	62.14169	3-hydroxypropylmercapturic acid levels in smokers	rs184485201

SWI_T2star_left_pallidum



date: Thu Aug 17 19:04:48 2017

build: hg19

display range: chr11:61369972–62169972 [61369972–62169972]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr11:61769972

number of SNPs plotted: 3667

min P.value: 3.37E–13 [chr11:61769972]

max P.value: 10E–1 [chr11:61923657]

omitted GWAS Hits: chr11:61.795586–Phospholipid levels (plasma), chr11:61.815803–Phospholipid levels (plasma)

omitted GWAS Hits: chr11:62.061349–HIV–1 viral setpoint, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

Make more plots at <http://csg.sph.umich.edu/locuszoom/>

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.41747	Phospholipid levels (plasma)	rs1692120
11	61.44249	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs7925523
11	61.45860	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs11827215
11	61.48516	3-hydroxypropylmercapturic acid levels in smokers	rs10488693
11	61.49049	Phospholipid levels (plasma)	rs198426
11	61.49433	Immune reponse to smallpox (secreted IL-2)	rs4963243
11	61.54350	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174528
11	61.54350	Trans fatty acid levels	rs174528
11	61.54396	HDL cholesterol	rs174529
11	61.54396	Triglycerides	rs174529
11	61.54724	Trans fatty acid levels	rs108499
11	61.54856	Plasma omega-3 polyunsaturated fatty acid levels (alpha-linolenic acid)	rs509360
11	61.54856	Trans fatty acid levels	rs509360
11	61.54946	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174534
11	61.54946	Trans fatty acid levels	rs174534
11	61.55136	Phospholipid levels (plasma)	rs174535
11	61.55136	Blood metabolite levels	rs174535
11	61.55136	Red blood cell fatty acid levels	rs174535
11	61.55136	Trans fatty acid levels	rs174535
11	61.55193	Phospholipid levels (plasma)	rs174536
11	61.55193	Glycerophospholipid levels	rs174536

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.55193	Plasma omega-3 polyunsaturated fatty acid levels (alphalinolenic acid)	rs174536
11	61.55193	Trans fatty acid levels	rs174536
11	61.55193	Resting heart rate	rs174536
11	61.55268	Crohn's disease	rs174537
11	61.55268	Glycerophospholipid levels	rs174537
11	61.55268	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174537
11	61.55268	Colorectal cancer	rs174537
11	61.55268	Trans fatty acid levels	rs174537
11	61.55780	Phospholipid levels (plasma)	rs102275
11	61.55780	Metabolic syndrome	rs102275
11	61.55780	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs102275
11	61.55780	Metabolite levels	rs102275
11	61.55780	Oleic acid (18:1n-9) plasma levels	rs102275
11	61.55780	Crohn's disease	rs102275
11	61.55780	Glycerophospholipid levels	rs102275
11	61.55780	Trans fatty acid levels	rs102275
11	61.55780	Palmitoleic acid (16:1n-7) plasma levels	rs102275
11	61.55780	Stearic acid (18:0) plasma levels	rs102275
11	61.56008	Phospholipid levels (plasma)	rs174538
11	61.56008	Blood metabolite levels	rs174538
11	61.56008	Trans fatty acid levels	rs174538

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.56430	Phospholipid levels (plasma)	rs4246215
11	61.56430	Platelet count	rs4246215
11	61.56430	Inflammatory bowel disease	rs4246215
11	61.56430	Red blood cell fatty acid levels	rs4246215
11	61.56430	Trans fatty acid levels	rs4246215
11	61.56591	Metabolite levels	rs174541
11	61.56591	Red blood cell fatty acid levels	rs174541
11	61.56591	Trans fatty acid levels	rs174541
11	61.56931	Delta-6 desaturase activity	rs174545
11	61.56931	Red blood cell fatty acid levels	rs174545
11	61.56931	Trans fatty acid levels	rs174545
11	61.56983	LDL cholesterol	rs174546
11	61.56983	HDL cholesterol	rs174546
11	61.56983	Triglycerides	rs174546
11	61.56983	Cholesterol, total	rs174546
11	61.56983	Metabolic syndrome	rs174546
11	61.56983	Glycerophospholipid levels	rs174546
11	61.56983	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174546
11	61.56983	Trans fatty acid levels	rs174546
11	61.56983	C-reactive protein levels or triglyceride levels (pleiotropy)	rs174546
11	61.56983	C-reactive protein levels or HDL-cholesterol levels (pleiotropy)	rs174546

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57078	HDL cholesterol	rs174547
11	61.57078	Triglycerides	rs174547
11	61.57078	Phospholipid levels (plasma)	rs174547
11	61.57078	Resting heart rate	rs174547
11	61.57078	Metabolic traits	rs174547
11	61.57078	Lipid metabolism phenotypes	rs174547
11	61.57078	Comprehensive strength and appendicular lean mass	rs174547
11	61.57078	Glycerophospholipid levels	rs174547
11	61.57078	Sphingolipid levels	rs174547
11	61.57078	Metabolite levels (lipid measures)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174547
11	61.57078	Height	rs174547
11	61.57078	Trans fatty acid levels	rs174547
11	61.57135	Metabolite levels	rs174548
11	61.57135	HDL cholesterol	rs174548
11	61.57135	Triglycerides	rs174548
11	61.57135	Blood metabolite ratios	rs174548
11	61.57135	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174548
11	61.57135	Delta-6 desaturase activity	rs174548

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57135	Blood metabolite levels	rs174548
11	61.57135	Hematology traits	rs174548
11	61.57135	Trans fatty acid levels	rs174548
11	61.57138	Laryngeal squamous cell carcinoma	rs174549
11	61.57138	Comprehensive strength and appendicular lean mass	rs174549
11	61.57138	Heart rate	rs174549
11	61.57138	Metabolite levels	rs174549
11	61.57138	Red blood cell fatty acid levels	rs174549
11	61.57138	Trans fatty acid levels	rs174549
11	61.57148	Phospholipid levels (plasma)	rs174550
11	61.57148	Fasting glucose-related traits	rs174550
11	61.57148	Fasting glucose-related traits (interaction with BMI)	rs174550
11	61.57148	Glycerophospholipid levels	rs174550
11	61.57148	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174550
11	61.57148	Plasma omega-6 polyunsaturated fatty acid levels (adrenic acid)	rs174550
11	61.57148	Blood metabolite levels	rs174550
11	61.57148	Red blood cell fatty acid levels	rs174550
11	61.57148	Trans fatty acid levels	rs174550
11	61.57368	LDL cholesterol	rs174551
11	61.57946	Cholesterol, total	rs174554
11	61.57976	Glycerophospholipid levels	rs174555

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57976	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174555
11	61.57976	Trans fatty acid levels	rs174555
11	61.58064	Blood metabolite levels	rs174556
11	61.58064	Trans fatty acid levels	rs174556
11	61.59556	Glycerophospholipid levels	rs968567
11	61.59556	Rheumatoid arthritis	rs968567
11	61.59556	Blood metabolite levels	rs968567
11	61.59721	Cholesterol, total	rs174570
11	61.59721	LDL cholesterol	rs174570
11	61.59721	HDL cholesterol	rs174570
11	61.59721	Glycated hemoglobin levels	rs174570
11	61.59721	Trans fatty acid levels	rs174570
11	61.59797	Phospholipid levels (plasma)	rs1535
11	61.59797	Metabolic syndrome	rs1535
11	61.59797	Response to statin therapy	rs1535
11	61.59797	Glycerophospholipid levels	rs1535
11	61.59797	Inflammatory bowel disease	rs1535
11	61.59797	Trans fatty acid levels	rs1535
11	61.60034	Phospholipid levels (plasma)	rs174574
11	61.60034	Trans fatty acid levels	rs174574
11	61.60034	C-reactive protein levels or LDL-cholesterol levels (pleiotropy)	rs174574

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.60191	Trans fatty acid levels	rs2845573
11	61.60200	Trans fatty acid levels	rs174575
11	61.60324	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs2727270
11	61.60324	Trans fatty acid levels	rs2727270
11	61.60336	Blood metabolite levels	rs2727271
11	61.60336	Trans fatty acid levels	rs2727271
11	61.60351	Glycerophospholipid levels	rs174576
11	61.60351	Trans fatty acid levels	rs174576
11	61.60478	Trans fatty acid levels	rs2524299
11	61.60481	Iron status biomarkers (transferrin levels)	rs174577
11	61.60481	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174577
11	61.60481	P wave duration	rs174577
11	61.60481	Trans fatty acid levels	rs174577
11	61.60481	QRS duration	rs174577
11	61.60522	Trans fatty acid levels	rs2072114
11	61.60550	Glycerophospholipid levels	rs174578
11	61.60550	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174578
11	61.60550	Blood metabolite levels	rs174578
11	61.60550	Trans fatty acid levels	rs174578
11	61.60975	Response to statin therapy	rs174583
11	61.60975	QT interval	rs174583

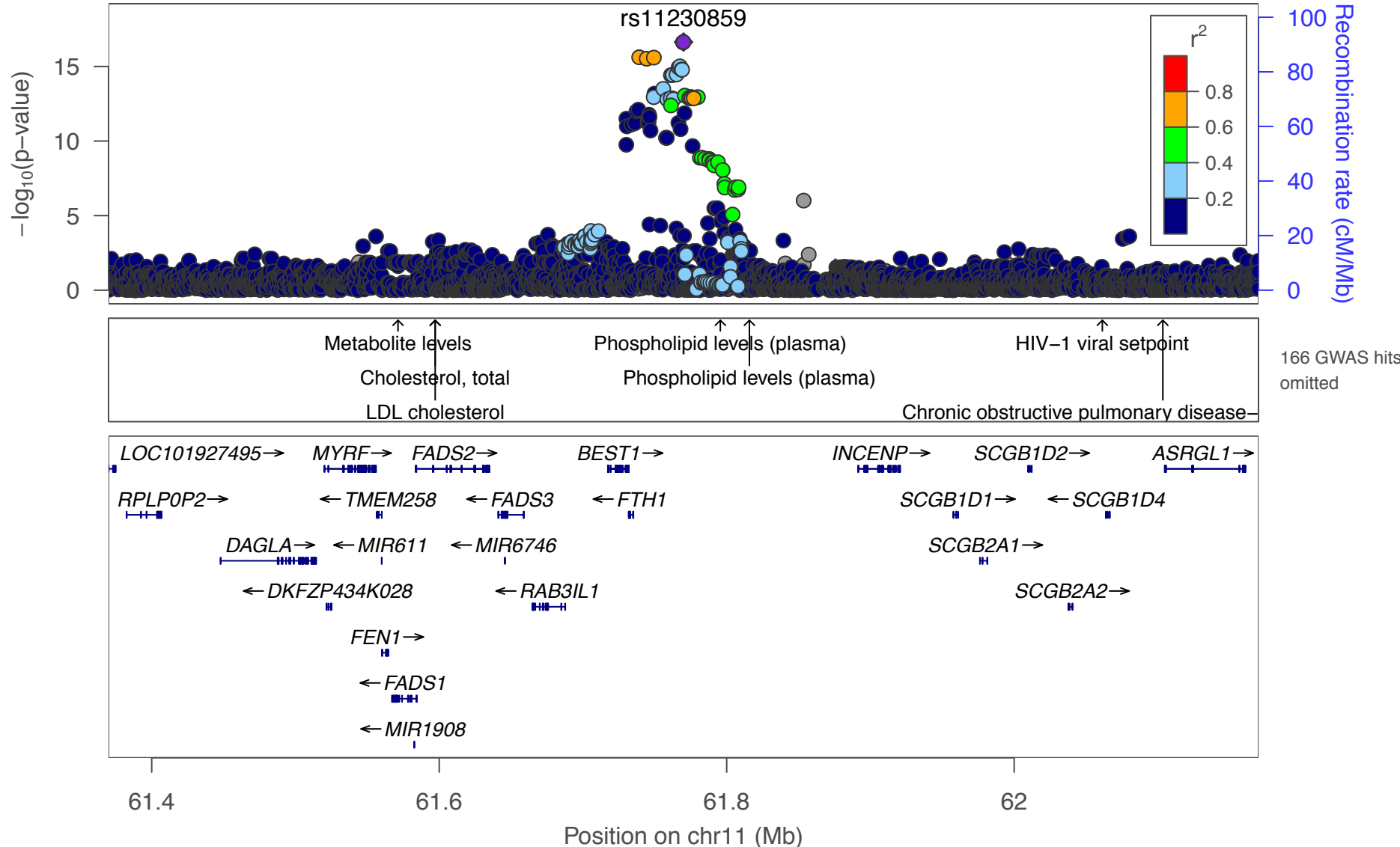
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.60975	Trans fatty acid levels	rs174583
11	61.61601	Trans fatty acid levels	rs2851682
11	61.61601	Gestational age at birth (child effect)	rs2851682
11	61.62314	Liver enzyme levels (alkaline phosphatase)	rs174601
11	61.62314	Blood metabolite levels	rs174601
11	61.62314	Red blood cell fatty acid levels	rs174601
11	61.62314	Trans fatty acid levels	rs174601
11	61.62379	Trans fatty acid levels	rs2526678
11	61.63949	Trans fatty acid levels	rs422249
11	61.63957	Phospholipid levels (plasma)	rs174448
11	61.63957	Trans fatty acid levels	rs174448
11	61.64038	Trans fatty acid levels	rs174449
11	61.65530	Sphingolipid levels	rs1000778
11	61.66369	Phospholipid levels (plasma)	rs174468
11	61.67875	Sphingolipid levels	rs174479
11	61.71148	Phospholipid levels (plasma)	rs2521572
11	61.71213	Estradiol levels	rs2727261
11	61.72264	Phospholipid levels (plasma)	rs1109748
11	61.74629	Phospholipid levels (plasma)	rs10792320
11	61.79559	Phospholipid levels (plasma)	rs11230874
11	61.81580	Phospholipid levels (plasma)	rs4963452

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.96393	3-hydroxypropylmercapturic acid levels in smokers	rs189478926
11	62.00141	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs12806663
11	62.06135	HIV-1 viral setpoint	rs11231017
11	62.10342	Chronic obstructive pulmonary disease-related biomarkers	rs2463822
11	62.14169	3-hydroxypropylmercapturic acid levels in smokers	rs184485201

SWI_T2star_left_pallidum_plus_right_pallidum



date: Thu Aug 17 19:04:48 2017

build: hg19

display range: chr11:61369972–62169972 [61369972–62169972]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr11:61769972

number of SNPs plotted: 3667

min P.value: 2.31E–17 [chr11:61769972]

max P.value: 9.98E–1 [chr11:61529267]

omitted GWAS Hits: chr11:61.795586–Phospholipid levels (plasma), chr11:61.815803–Phospholipid levels (plasma)

omitted GWAS Hits: chr11:62.061349–HIV–1 viral setpoint, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

Make more plots at <http://csg.sph.umich.edu/locuszoom/>

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.41747	Phospholipid levels (plasma)	rs1692120
11	61.44249	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs7925523
11	61.45860	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs11827215
11	61.48516	3-hydroxypropylmercapturic acid levels in smokers	rs10488693
11	61.49049	Phospholipid levels (plasma)	rs198426
11	61.49433	Immune reponse to smallpox (secreted IL-2)	rs4963243
11	61.54350	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174528
11	61.54350	Trans fatty acid levels	rs174528
11	61.54396	HDL cholesterol	rs174529
11	61.54396	Triglycerides	rs174529
11	61.54724	Trans fatty acid levels	rs108499
11	61.54856	Plasma omega-3 polyunsaturated fatty acid levels (alpha-linolenic acid)	rs509360
11	61.54856	Trans fatty acid levels	rs509360
11	61.54946	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174534
11	61.54946	Trans fatty acid levels	rs174534
11	61.55136	Phospholipid levels (plasma)	rs174535
11	61.55136	Blood metabolite levels	rs174535
11	61.55136	Red blood cell fatty acid levels	rs174535
11	61.55136	Trans fatty acid levels	rs174535
11	61.55193	Phospholipid levels (plasma)	rs174536
11	61.55193	Glycerophospholipid levels	rs174536

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.55193	Plasma omega-3 polyunsaturated fatty acid levels (alphalinolenic acid)	rs174536
11	61.55193	Trans fatty acid levels	rs174536
11	61.55193	Resting heart rate	rs174536
11	61.55268	Crohn's disease	rs174537
11	61.55268	Glycerophospholipid levels	rs174537
11	61.55268	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174537
11	61.55268	Colorectal cancer	rs174537
11	61.55268	Trans fatty acid levels	rs174537
11	61.55780	Phospholipid levels (plasma)	rs102275
11	61.55780	Metabolic syndrome	rs102275
11	61.55780	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs102275
11	61.55780	Metabolite levels	rs102275
11	61.55780	Oleic acid (18:1n-9) plasma levels	rs102275
11	61.55780	Crohn's disease	rs102275
11	61.55780	Glycerophospholipid levels	rs102275
11	61.55780	Trans fatty acid levels	rs102275
11	61.55780	Palmitoleic acid (16:1n-7) plasma levels	rs102275
11	61.55780	Stearic acid (18:0) plasma levels	rs102275
11	61.56008	Phospholipid levels (plasma)	rs174538
11	61.56008	Blood metabolite levels	rs174538
11	61.56008	Trans fatty acid levels	rs174538

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.56430	Phospholipid levels (plasma)	rs4246215
11	61.56430	Platelet count	rs4246215
11	61.56430	Inflammatory bowel disease	rs4246215
11	61.56430	Red blood cell fatty acid levels	rs4246215
11	61.56430	Trans fatty acid levels	rs4246215
11	61.56591	Metabolite levels	rs174541
11	61.56591	Red blood cell fatty acid levels	rs174541
11	61.56591	Trans fatty acid levels	rs174541
11	61.56931	Delta-6 desaturase activity	rs174545
11	61.56931	Red blood cell fatty acid levels	rs174545
11	61.56931	Trans fatty acid levels	rs174545
11	61.56983	LDL cholesterol	rs174546
11	61.56983	HDL cholesterol	rs174546
11	61.56983	Triglycerides	rs174546
11	61.56983	Cholesterol, total	rs174546
11	61.56983	Metabolic syndrome	rs174546
11	61.56983	Glycerophospholipid levels	rs174546
11	61.56983	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174546
11	61.56983	Trans fatty acid levels	rs174546
11	61.56983	C-reactive protein levels or triglyceride levels (pleiotropy)	rs174546
11	61.56983	C-reactive protein levels or HDL-cholesterol levels (pleiotropy)	rs174546

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57078	HDL cholesterol	rs174547
11	61.57078	Triglycerides	rs174547
11	61.57078	Phospholipid levels (plasma)	rs174547
11	61.57078	Resting heart rate	rs174547
11	61.57078	Metabolic traits	rs174547
11	61.57078	Lipid metabolism phenotypes	rs174547
11	61.57078	Comprehensive strength and appendicular lean mass	rs174547
11	61.57078	Glycerophospholipid levels	rs174547
11	61.57078	Sphingolipid levels	rs174547
11	61.57078	Metabolite levels (lipid measures)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs174547
11	61.57078	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174547
11	61.57078	Height	rs174547
11	61.57078	Trans fatty acid levels	rs174547
11	61.57135	Metabolite levels	rs174548
11	61.57135	HDL cholesterol	rs174548
11	61.57135	Triglycerides	rs174548
11	61.57135	Blood metabolite ratios	rs174548
11	61.57135	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174548
11	61.57135	Delta-6 desaturase activity	rs174548

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57135	Blood metabolite levels	rs174548
11	61.57135	Hematology traits	rs174548
11	61.57135	Trans fatty acid levels	rs174548
11	61.57138	Laryngeal squamous cell carcinoma	rs174549
11	61.57138	Comprehensive strength and appendicular lean mass	rs174549
11	61.57138	Heart rate	rs174549
11	61.57138	Metabolite levels	rs174549
11	61.57138	Red blood cell fatty acid levels	rs174549
11	61.57138	Trans fatty acid levels	rs174549
11	61.57148	Phospholipid levels (plasma)	rs174550
11	61.57148	Fasting glucose-related traits	rs174550
11	61.57148	Fasting glucose-related traits (interaction with BMI)	rs174550
11	61.57148	Glycerophospholipid levels	rs174550
11	61.57148	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174550
11	61.57148	Plasma omega-6 polyunsaturated fatty acid levels (adrenic acid)	rs174550
11	61.57148	Blood metabolite levels	rs174550
11	61.57148	Red blood cell fatty acid levels	rs174550
11	61.57148	Trans fatty acid levels	rs174550
11	61.57368	LDL cholesterol	rs174551
11	61.57946	Cholesterol, total	rs174554
11	61.57976	Glycerophospholipid levels	rs174555

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.57976	Plasma omega-6 polyunsaturated fatty acid levels (dihomo-gamma-linolenic acid)	rs174555
11	61.57976	Trans fatty acid levels	rs174555
11	61.58064	Blood metabolite levels	rs174556
11	61.58064	Trans fatty acid levels	rs174556
11	61.59556	Glycerophospholipid levels	rs968567
11	61.59556	Rheumatoid arthritis	rs968567
11	61.59556	Blood metabolite levels	rs968567
11	61.59721	Cholesterol, total	rs174570
11	61.59721	LDL cholesterol	rs174570
11	61.59721	HDL cholesterol	rs174570
11	61.59721	Glycated hemoglobin levels	rs174570
11	61.59721	Trans fatty acid levels	rs174570
11	61.59797	Phospholipid levels (plasma)	rs1535
11	61.59797	Metabolic syndrome	rs1535
11	61.59797	Response to statin therapy	rs1535
11	61.59797	Glycerophospholipid levels	rs1535
11	61.59797	Inflammatory bowel disease	rs1535
11	61.59797	Trans fatty acid levels	rs1535
11	61.60034	Phospholipid levels (plasma)	rs174574
11	61.60034	Trans fatty acid levels	rs174574
11	61.60034	C-reactive protein levels or LDL-cholesterol levels (pleiotropy)	rs174574

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.60191	Trans fatty acid levels	rs2845573
11	61.60200	Trans fatty acid levels	rs174575
11	61.60324	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs2727270
11	61.60324	Trans fatty acid levels	rs2727270
11	61.60336	Blood metabolite levels	rs2727271
11	61.60336	Trans fatty acid levels	rs2727271
11	61.60351	Glycerophospholipid levels	rs174576
11	61.60351	Trans fatty acid levels	rs174576
11	61.60478	Trans fatty acid levels	rs2524299
11	61.60481	Iron status biomarkers (transferrin levels)	rs174577
11	61.60481	Plasma omega-6 polyunsaturated fatty acid levels (arachidonic acid)	rs174577
11	61.60481	P wave duration	rs174577
11	61.60481	Trans fatty acid levels	rs174577
11	61.60481	QRS duration	rs174577
11	61.60522	Trans fatty acid levels	rs2072114
11	61.60550	Glycerophospholipid levels	rs174578
11	61.60550	Plasma omega-6 polyunsaturated fatty acid levels (linoleic acid)	rs174578
11	61.60550	Blood metabolite levels	rs174578
11	61.60550	Trans fatty acid levels	rs174578
11	61.60975	Response to statin therapy	rs174583
11	61.60975	QT interval	rs174583

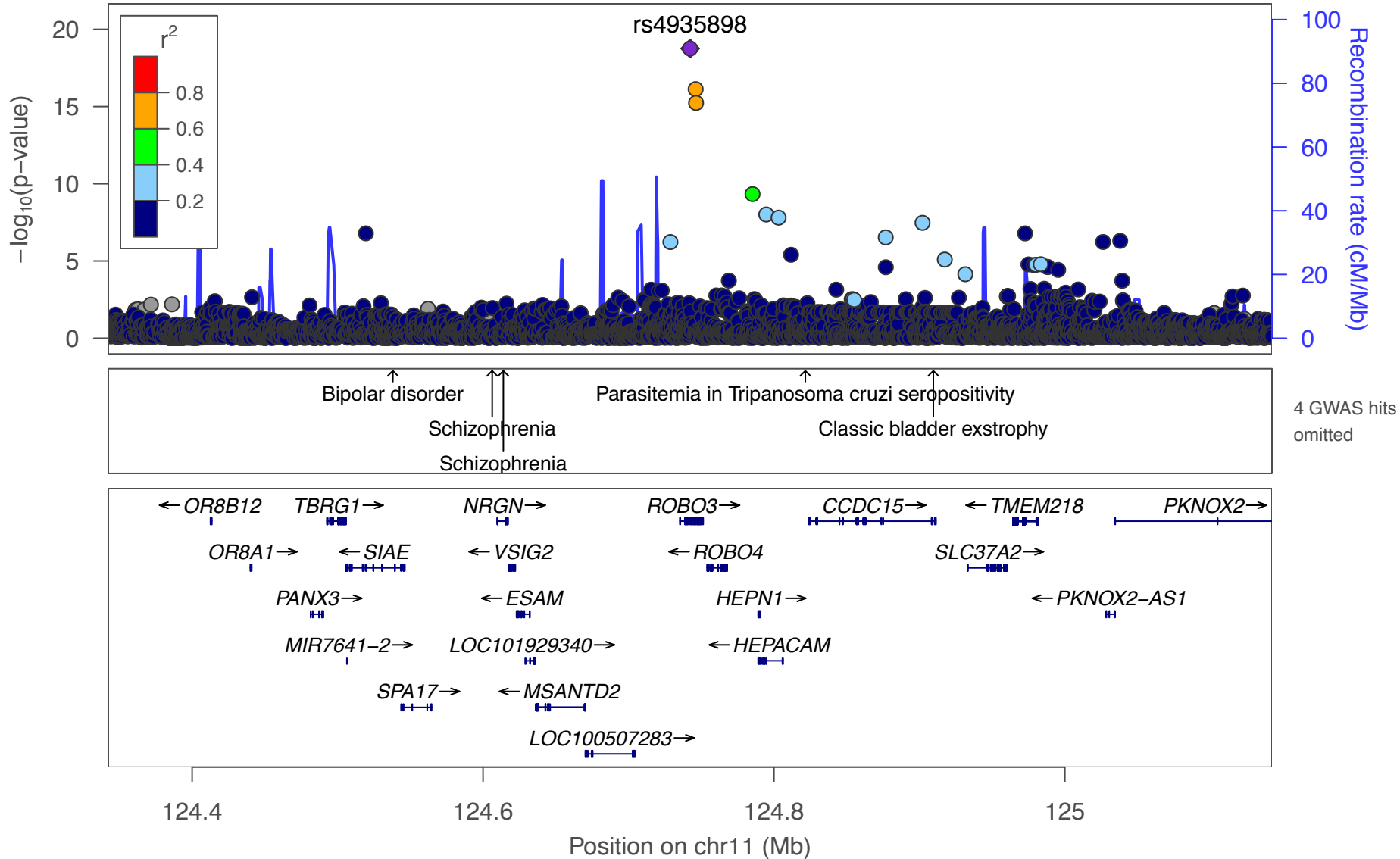
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.60975	Trans fatty acid levels	rs174583
11	61.61601	Trans fatty acid levels	rs2851682
11	61.61601	Gestational age at birth (child effect)	rs2851682
11	61.62314	Liver enzyme levels (alkaline phosphatase)	rs174601
11	61.62314	Blood metabolite levels	rs174601
11	61.62314	Red blood cell fatty acid levels	rs174601
11	61.62314	Trans fatty acid levels	rs174601
11	61.62379	Trans fatty acid levels	rs2526678
11	61.63949	Trans fatty acid levels	rs422249
11	61.63957	Phospholipid levels (plasma)	rs174448
11	61.63957	Trans fatty acid levels	rs174448
11	61.64038	Trans fatty acid levels	rs174449
11	61.65530	Sphingolipid levels	rs1000778
11	61.66369	Phospholipid levels (plasma)	rs174468
11	61.67875	Sphingolipid levels	rs174479
11	61.71148	Phospholipid levels (plasma)	rs2521572
11	61.71213	Estradiol levels	rs2727261
11	61.72264	Phospholipid levels (plasma)	rs1109748
11	61.74629	Phospholipid levels (plasma)	rs10792320
11	61.79559	Phospholipid levels (plasma)	rs11230874
11	61.81580	Phospholipid levels (plasma)	rs4963452

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	61.96393	3-hydroxypropylmercapturic acid levels in smokers	rs189478926
11	62.00141	Plasma omega-6 polyunsaturated fatty acid levels (gamma-linolenic acid)	rs12806663
11	62.06135	HIV-1 viral setpoint	rs11231017
11	62.10342	Chronic obstructive pulmonary disease-related biomarkers	rs2463822
11	62.14169	3-hydroxypropylmercapturic acid levels in smokers	rs184485201

TBSS_MO_Pontine_crossing_tract



date: Thu Aug 17 18:53:13 2017

build: hg19

display range: chr11:124342385–125142385 [124342385–125142385]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr11:124742385

number of SNPs plotted: 3762

min P.value: 1.76E–19 [chr11:124742385]

max P.value: 9.98E–1 [chr11:124882546]

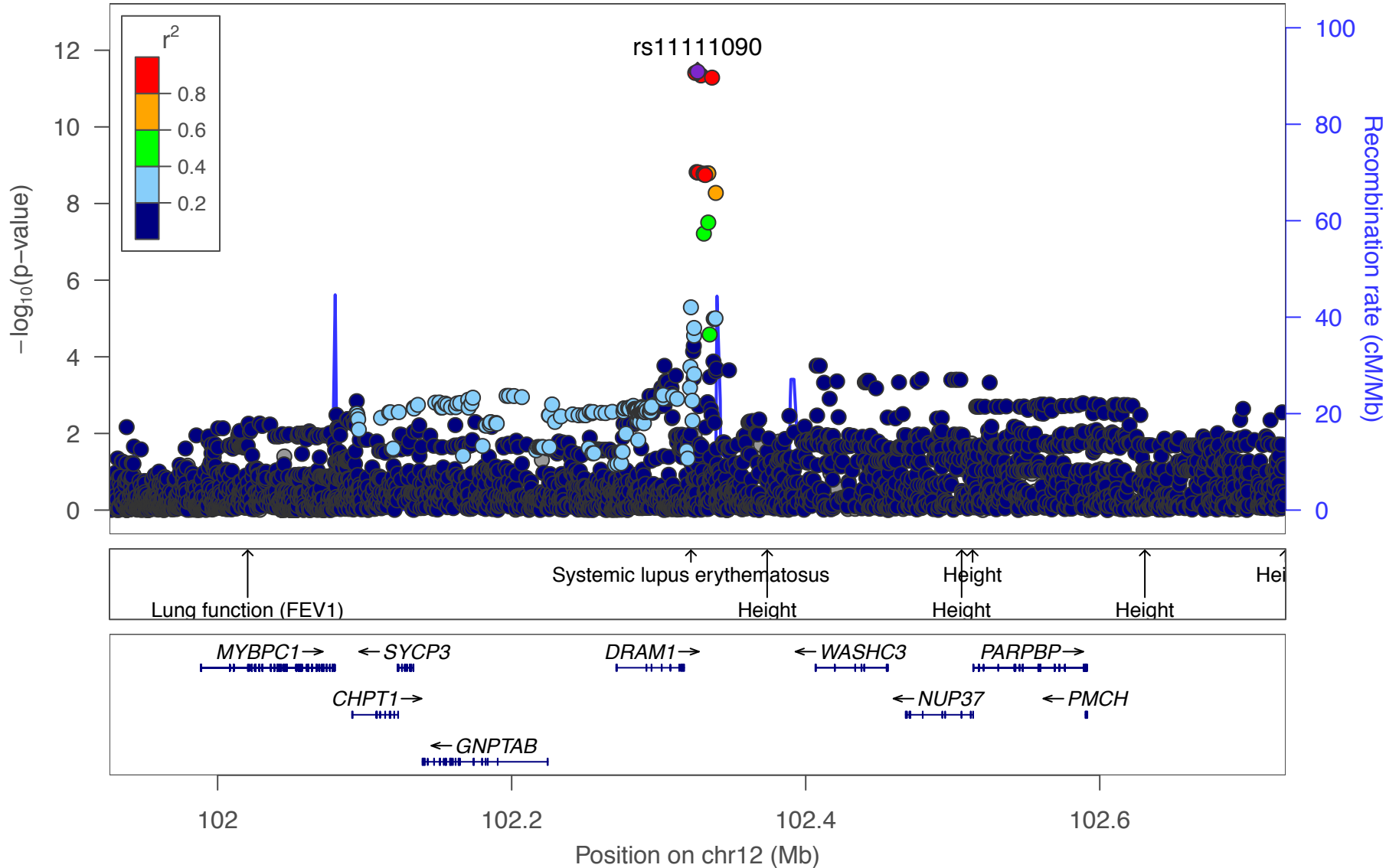
omitted GWAS Hits: chr11:124.909582–Classic bladder exstrophy, NA

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
11	124.4386	Anxiety disorder	rs10893268
11	124.4613	Schizophrenia	rs7127399
11	124.5380	Bipolar disorder	rs544368
11	124.5393	Serum metabolite levels	rs12282107
11	124.6063	Schizophrenia	rs12807809
11	124.6140	Schizophrenia	rs55661361
11	124.8216	Parasitemia in <i>Trypanosoma cruzi</i> seropositivity	rs4408325
11	124.9096	Classic bladder exstrophy	rs76239813
11	124.9849	Exploratory eye movement dysfunction in schizophrenia (cognitive search score)	rs663734

volume_Brain-Stem



date: Thu Aug 17 19:07:51 2017

build: hg19

display range: chr12:101926461–102726461 [101926461–102726461]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr12:102326461

number of SNPs plotted: 3709

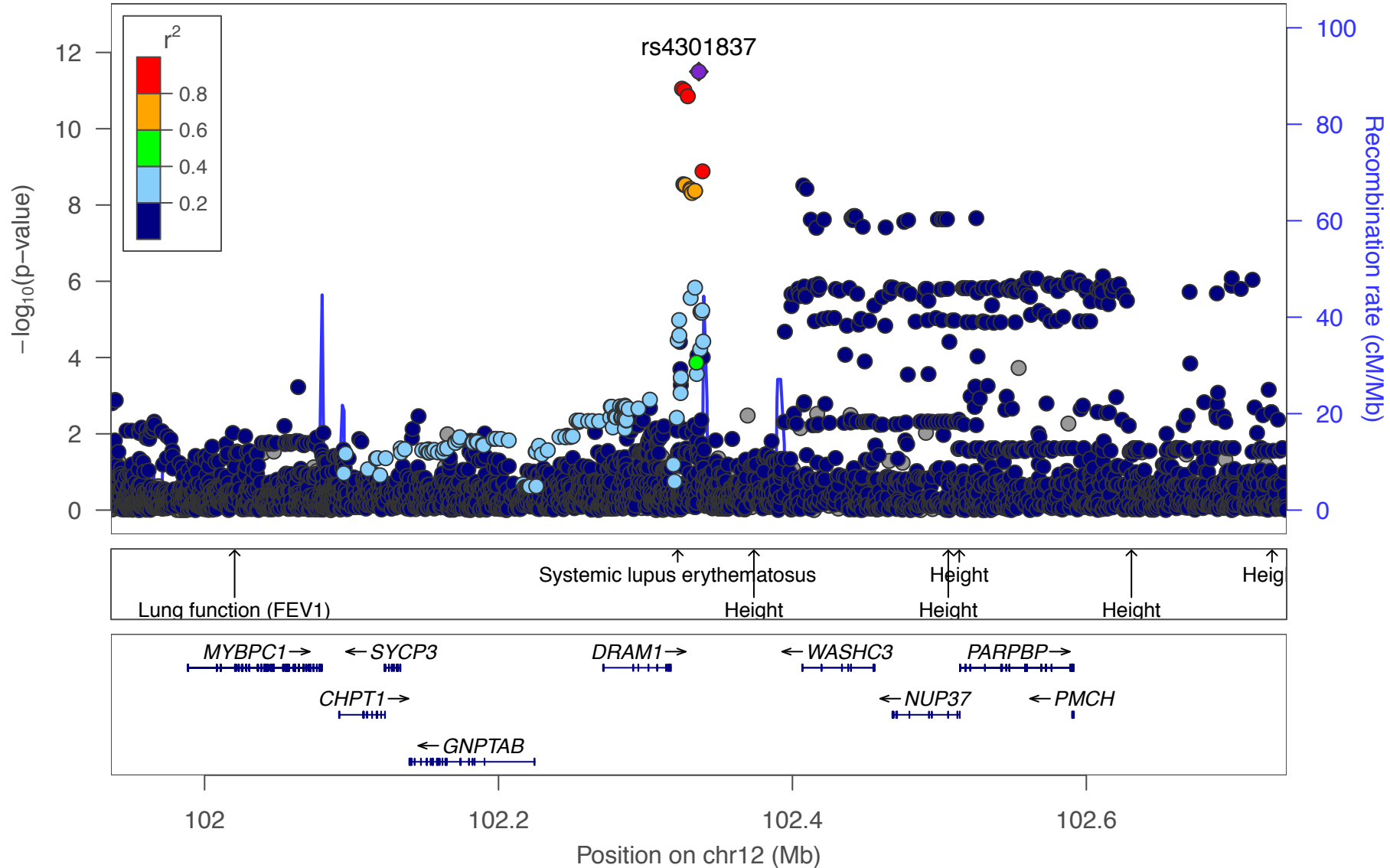
min P.value: 3.61E–12 [chr12:102326461]

max P.value: 10E–1 [chr12:101931920]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
12	102.0204	Lung function (FEV1)	rs10860757
12	102.3219	Systemic lupus erythematosus	rs4622329
12	102.3738	Height	rs7971536
12	102.5060	Height	rs2271266
12	102.5135	Height	rs2292303
12	102.6307	Height	rs7313075
12	102.7263	Height	rs1520223

volume_Left-Cerebellum-White-Matter



date: Thu Aug 17 19:08:20 2017

build: hg19

display range: chr12:101936310–102736310 [101936310–102736310]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr12:102336310

number of SNPs plotted: 3703

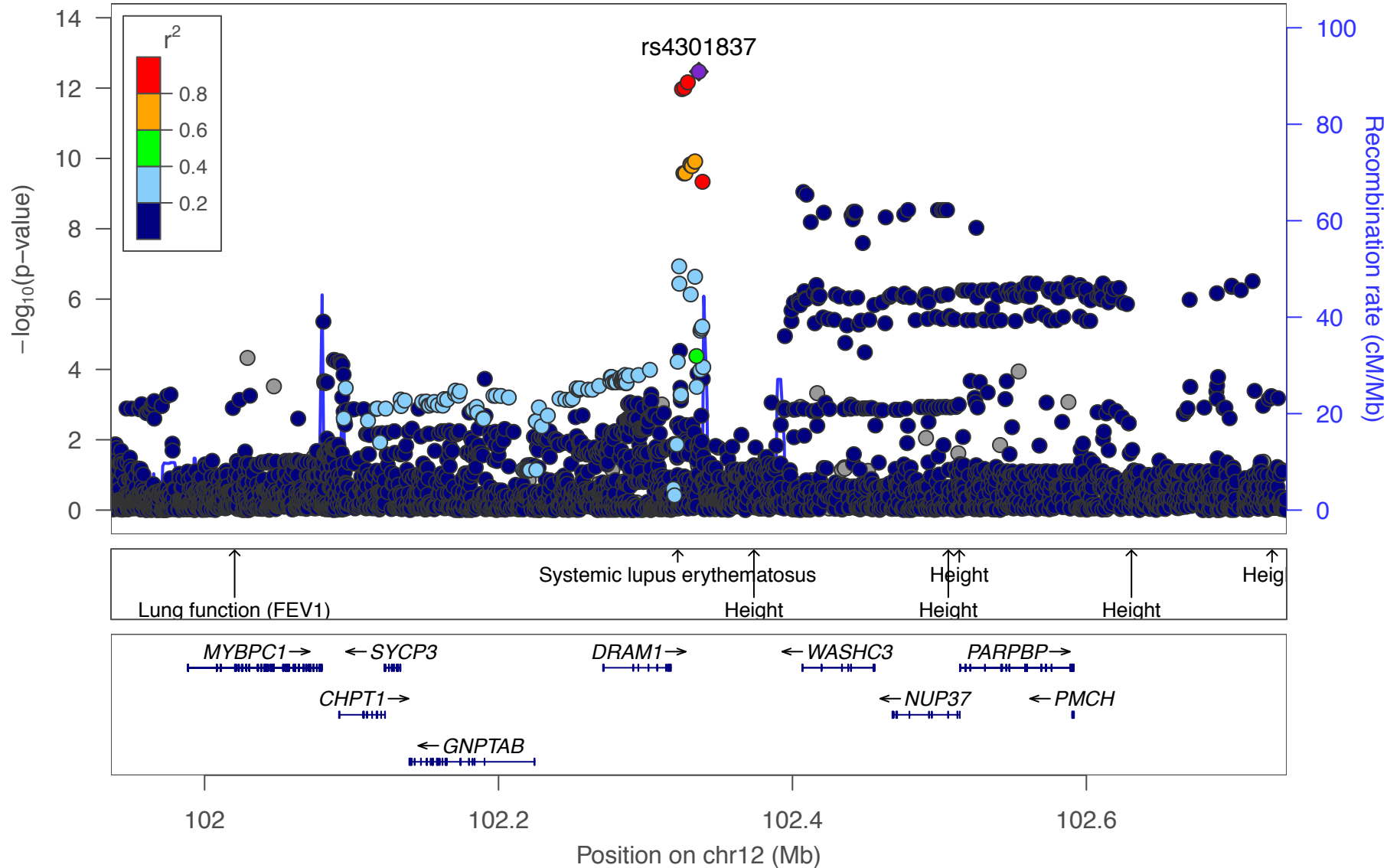
min P.value: 3.18E–12 [chr12:102336310]

max P.value: 10E–1 [chr12:102529636]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
12	102.0204	Lung function (FEV1)	rs10860757
12	102.3219	Systemic lupus erythematosus	rs4622329
12	102.3738	Height	rs7971536
12	102.5060	Height	rs2271266
12	102.5135	Height	rs2292303
12	102.6307	Height	rs7313075
12	102.7263	Height	rs1520223

volume_Right-Cerebellum-White-Matter



date: Thu Aug 17 18:53:18 2017

build: hg19

display range: chr12:101936310–102736310 [101936310–102736310]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr12:102336310

number of SNPs plotted: 3703

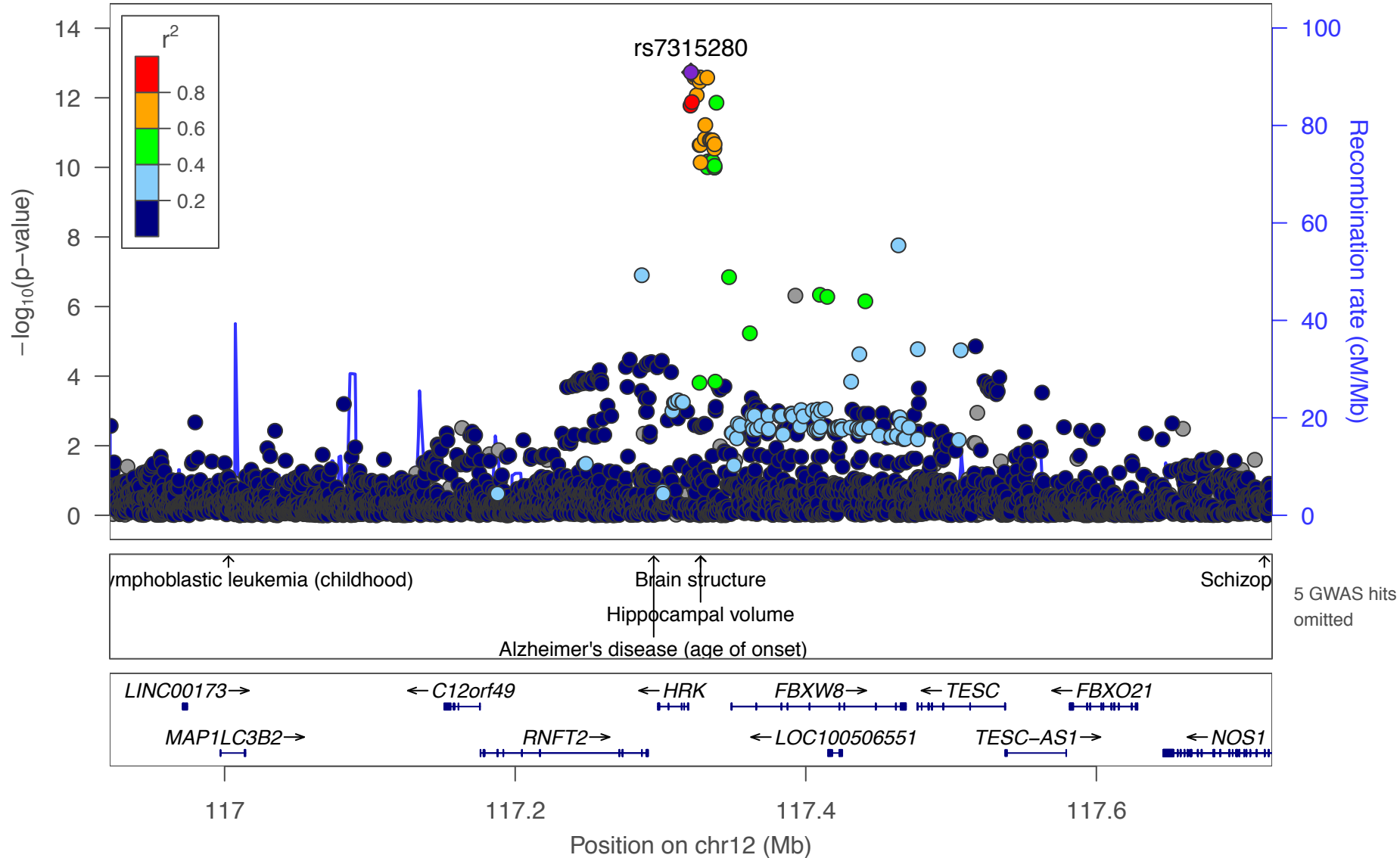
min P.value: 3.4E–13 [chr12:102336310]

max P.value: 10E–1 [chr12:102689357]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
12	102.0204	Lung function (FEV1)	rs10860757
12	102.3219	Systemic lupus erythematosus	rs4622329
12	102.3738	Height	rs7971536
12	102.5060	Height	rs2271266
12	102.5135	Height	rs2292303
12	102.6307	Height	rs7313075
12	102.7263	Height	rs1520223

FAST_ROIs_L_hippocampus



date: Thu Aug 17 18:58:48 2017

build: hg19

display range: chr12:116920938–117720938 [116920938–117720938]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr12:117320938

number of SNPs plotted: 3873

min P.value: 1.85E–13 [chr12:117320938]

max P.value: 10E–1 [chr12:117036380]

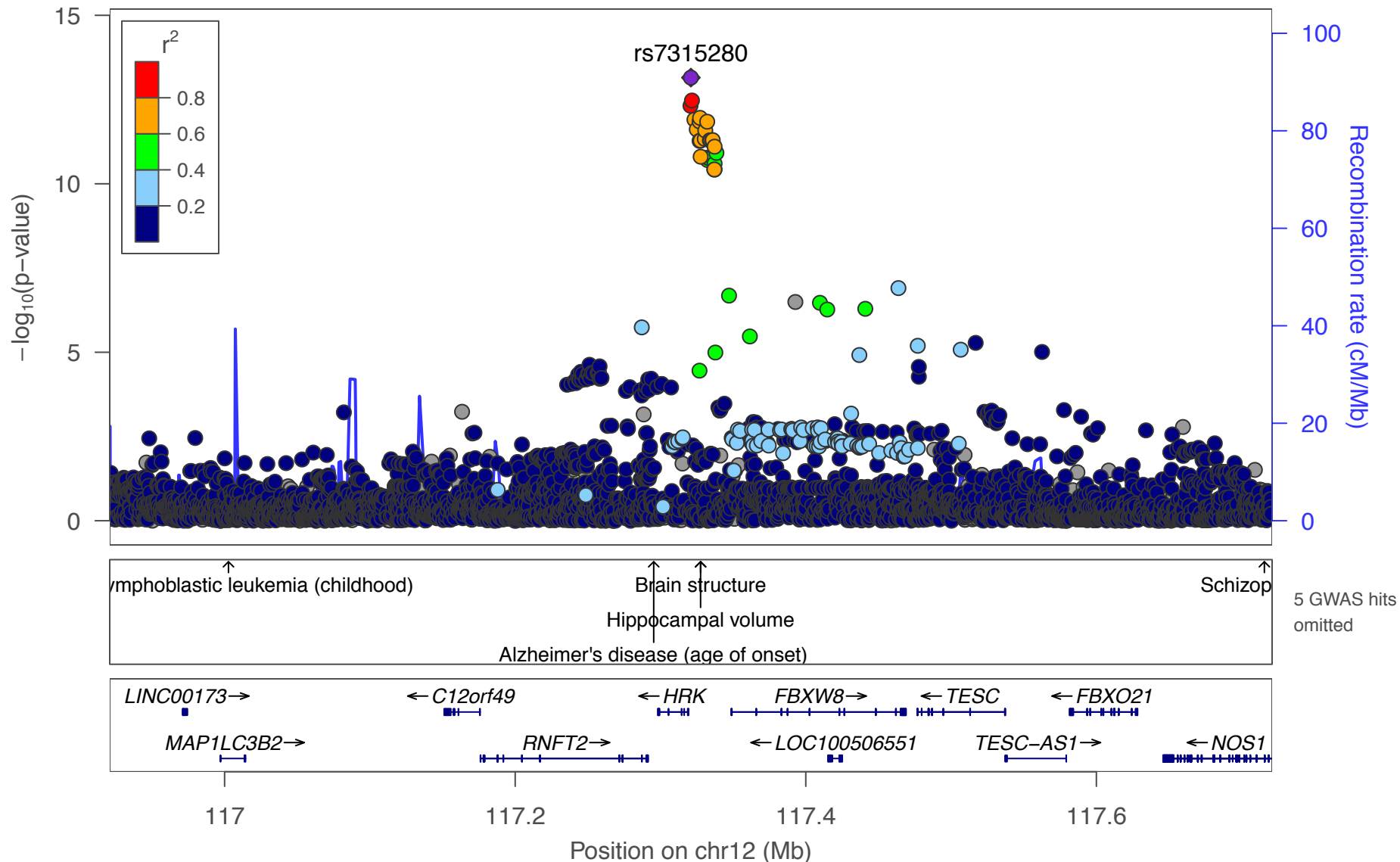
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
12	117.0027	Acute lymphoblastic leukemia (childhood)	rs2089222
12	117.1543	Diisocyanate-induced asthma	rs2279695
12	117.1994	Obesity-related traits	rs12322695
12	117.2953	Alzheimer's disease (age of onset)	rs17429217
12	117.3234	Subcortical brain region volumes	rs77956314
12	117.3276	Brain structure	rs7294919
12	117.3276	Hippocampal volume	rs7294919
12	117.3276	Subcortical brain region volumes	rs7294919
12	117.5106	Pre-treatment pain in head and neck squamous cell carcinoma	rs11068315
12	117.7156	Schizophrenia	rs2293052

FAST_ROIs_R_hippocampus



date: Thu Aug 17 18:52:17 2017

build: hg19

display range: chr12:116920938–117720938 [116920938–117720938]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr12:117320938

number of SNPs plotted: 3873

min P.value: 7.06E–14 [chr12:117320938]

max P.value: 9.99E–1 [chr12:117185788]

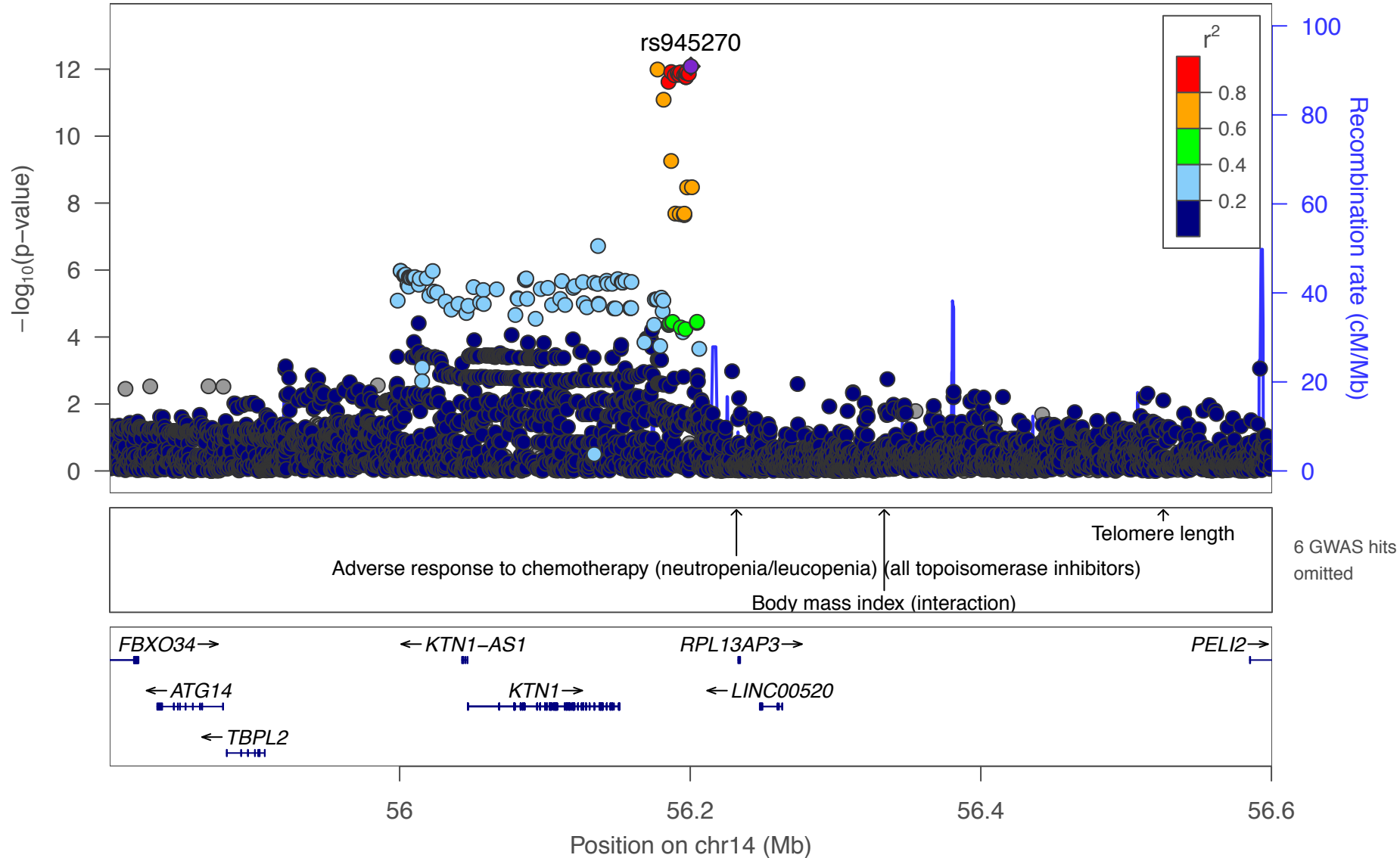
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
12	117.0027	Acute lymphoblastic leukemia (childhood)	rs2089222
12	117.1543	Diisocyanate-induced asthma	rs2279695
12	117.1994	Obesity-related traits	rs12322695
12	117.2953	Alzheimer's disease (age of onset)	rs17429217
12	117.3234	Subcortical brain region volumes	rs77956314
12	117.3276	Brain structure	rs7294919
12	117.3276	Hippocampal volume	rs7294919
12	117.3276	Subcortical brain region volumes	rs7294919
12	117.5106	Pre-treatment pain in head and neck squamous cell carcinoma	rs11068315
12	117.7156	Schizophrenia	rs2293052

FIRST_right_putamen_volume



date: Thu Aug 17 19:08:40 2017

build: hg19

display range: chr14:55800473–56600473 [55800473–56600473]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:56200473

number of SNPs plotted: 4468

min P.value: 8.24E–13 [chr14:56200473]

max P.value: 10E–1 [chr14:55902967]

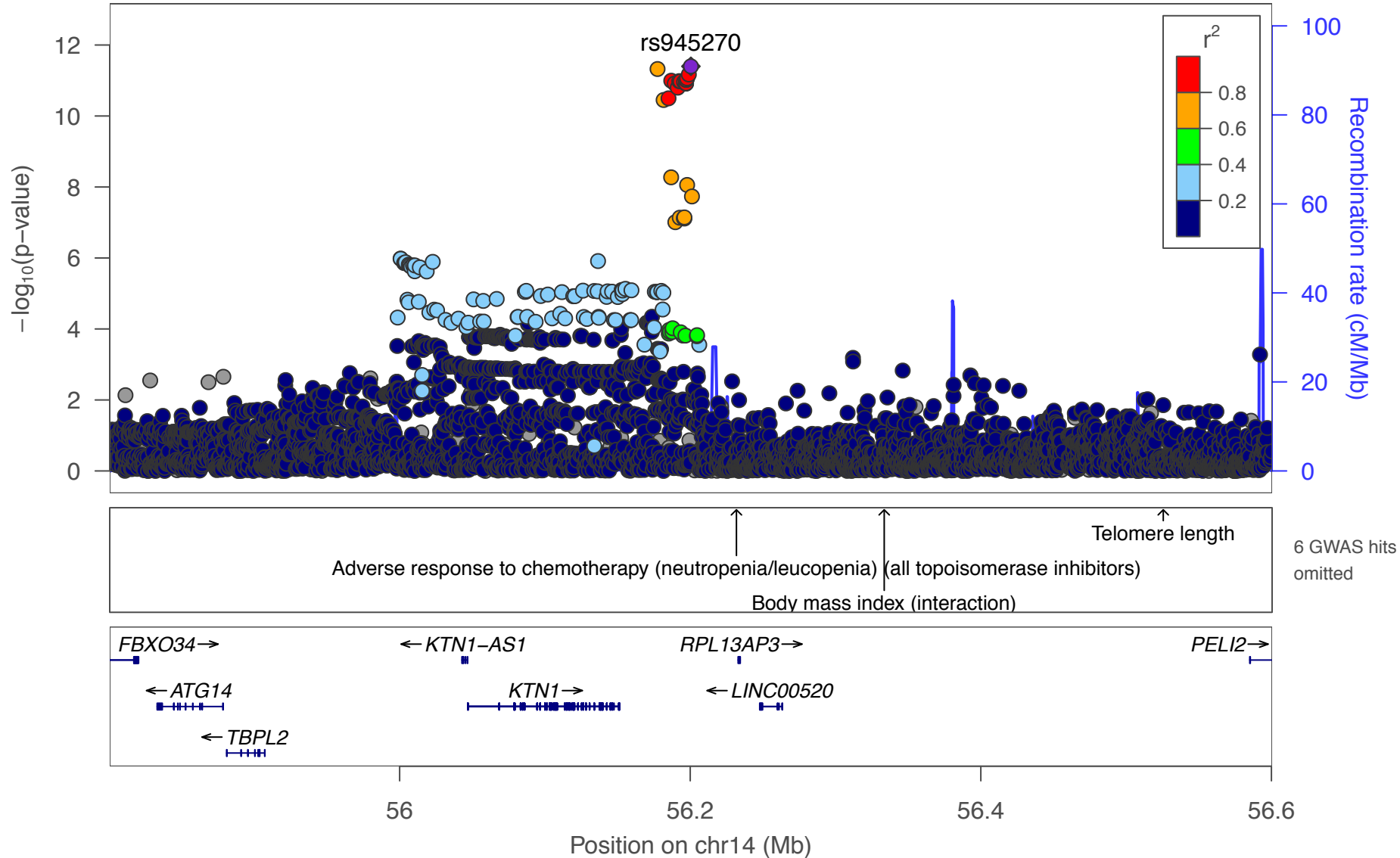
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	56.20047	Subcortical brain region volumes	rs945270
14	56.23180	Adverse response to chemotherapy (neutropenia/leucopenia) (all topoisomerase inhibitors)	rs7494275
14	56.25340	Parental extreme longevity (95 years and older)	rs12898084
14	56.33351	Body mass index (interaction)	rs7350721
14	56.35692	Post bronchodilator FEV1/FVC ratio	rs73276024
14	56.36174	Dementia and core Alzheimer's disease neuropathologic changes	rs35862341
14	56.39311	Height	rs4898878
14	56.41812	Obesity-related traits	rs10151037
14	56.52557	Telomere length	rs398652

FIRST_left_putamen_volume_plus_FIRST_right_putamen_volume



date: Thu Aug 17 19:08:40 2017

build: hg19

display range: chr14:55800473–56600473 [55800473–56600473]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:56200473

number of SNPs plotted: 4468

min P.value: 3.99E–12 [chr14:56200473]

max P.value: 9.99E–1 [chr14:56286466]

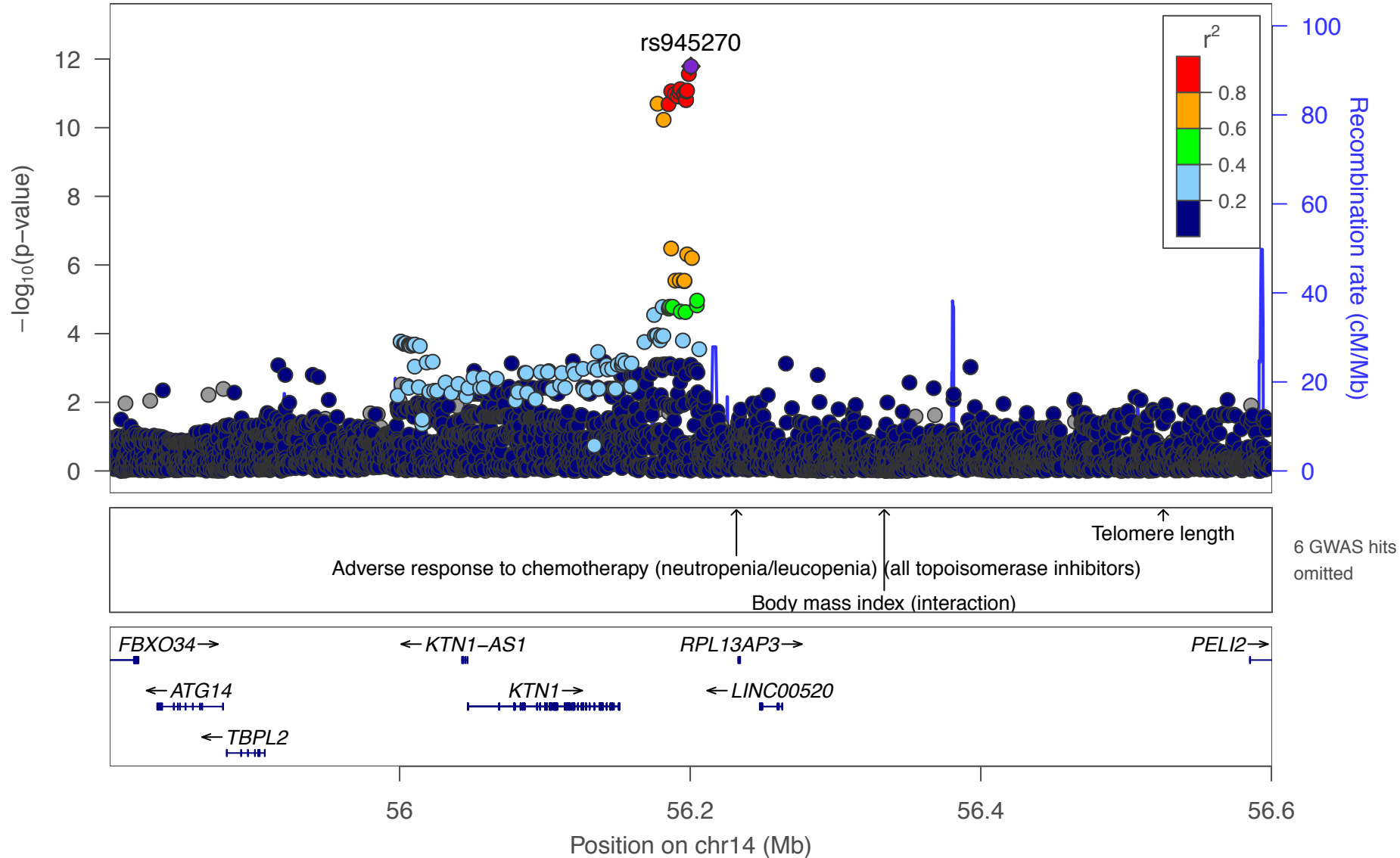
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	56.20047	Subcortical brain region volumes	rs945270
14	56.23180	Adverse response to chemotherapy (neutropenia/leucopenia) (all topoisomerase inhibitors)	rs7494275
14	56.25340	Parental extreme longevity (95 years and older)	rs12898084
14	56.33351	Body mass index (interaction)	rs7350721
14	56.35692	Post bronchodilator FEV1/FVC ratio	rs73276024
14	56.36174	Dementia and core Alzheimer's disease neuropathologic changes	rs35862341
14	56.39311	Height	rs4898878
14	56.41812	Obesity-related traits	rs10151037
14	56.52557	Telomere length	rs398652

volume_Left-Putamen



date: Thu Aug 17 19:09:55 2017

build: hg19

display range: chr14:55800473–56600473 [55800473–56600473]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:56200473

number of SNPs plotted: 4468

min P.value: 1.63E–12 [chr14:56200473]

max P.value: 10E–1 [chr14:55808282]

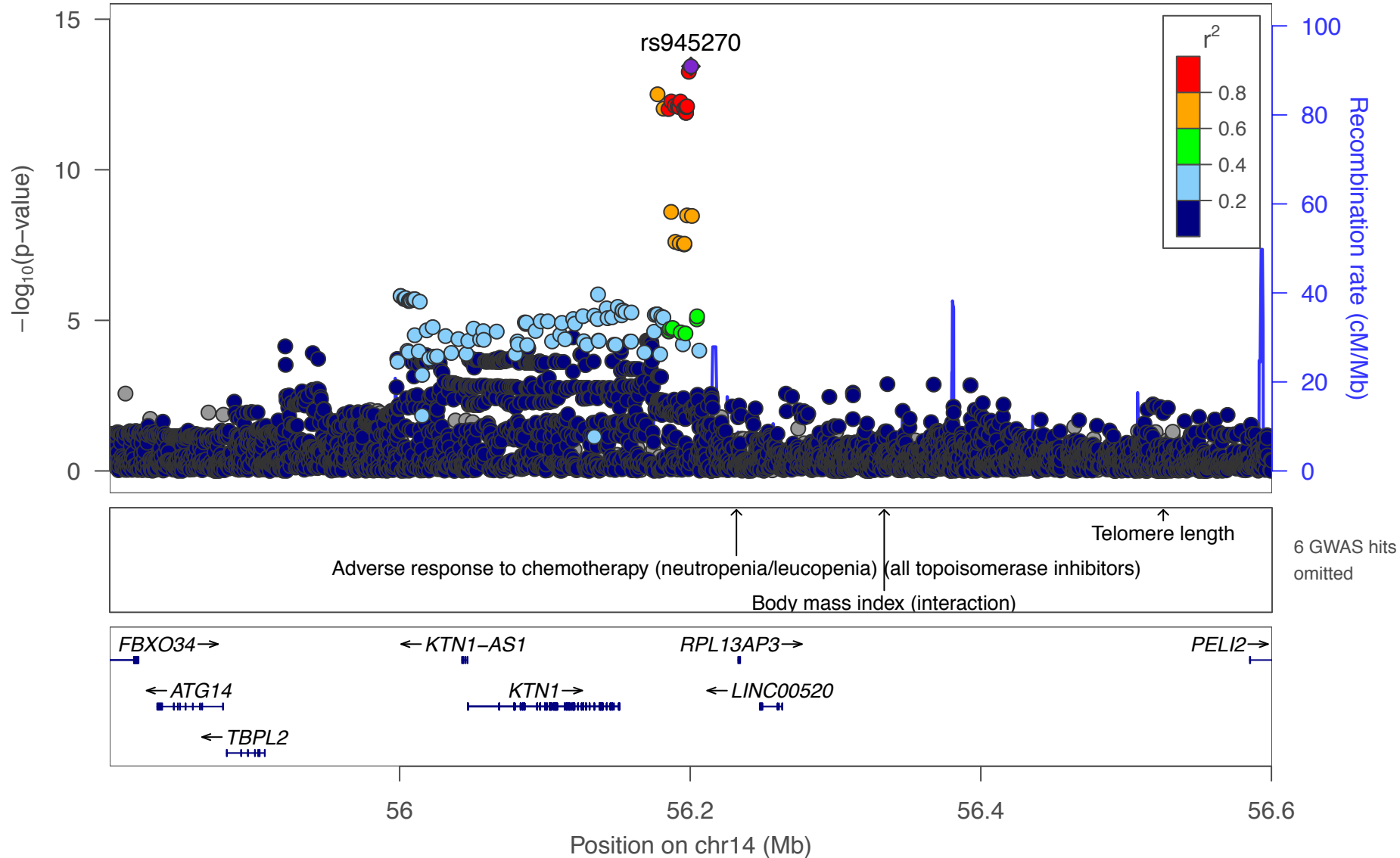
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	56.20047	Subcortical brain region volumes	rs945270
14	56.23180	Adverse response to chemotherapy (neutropenia/leucopenia) (all topoisomerase inhibitors)	rs7494275
14	56.25340	Parental extreme longevity (95 years and older)	rs12898084
14	56.33351	Body mass index (interaction)	rs7350721
14	56.35692	Post bronchodilator FEV1/FVC ratio	rs73276024
14	56.36174	Dementia and core Alzheimer's disease neuropathologic changes	rs35862341
14	56.39311	Height	rs4898878
14	56.41812	Obesity-related traits	rs10151037
14	56.52557	Telomere length	rs398652

volume_Right-Putamen



date: Thu Aug 17 19:14:48 2017

build: hg19

display range: chr14:55800473–56600473 [55800473–56600473]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:56200473

number of SNPs plotted: 4468

min P.value: 3.67E–14 [chr14:56200473]

max P.value: 10E–1 [chr14:56527105]

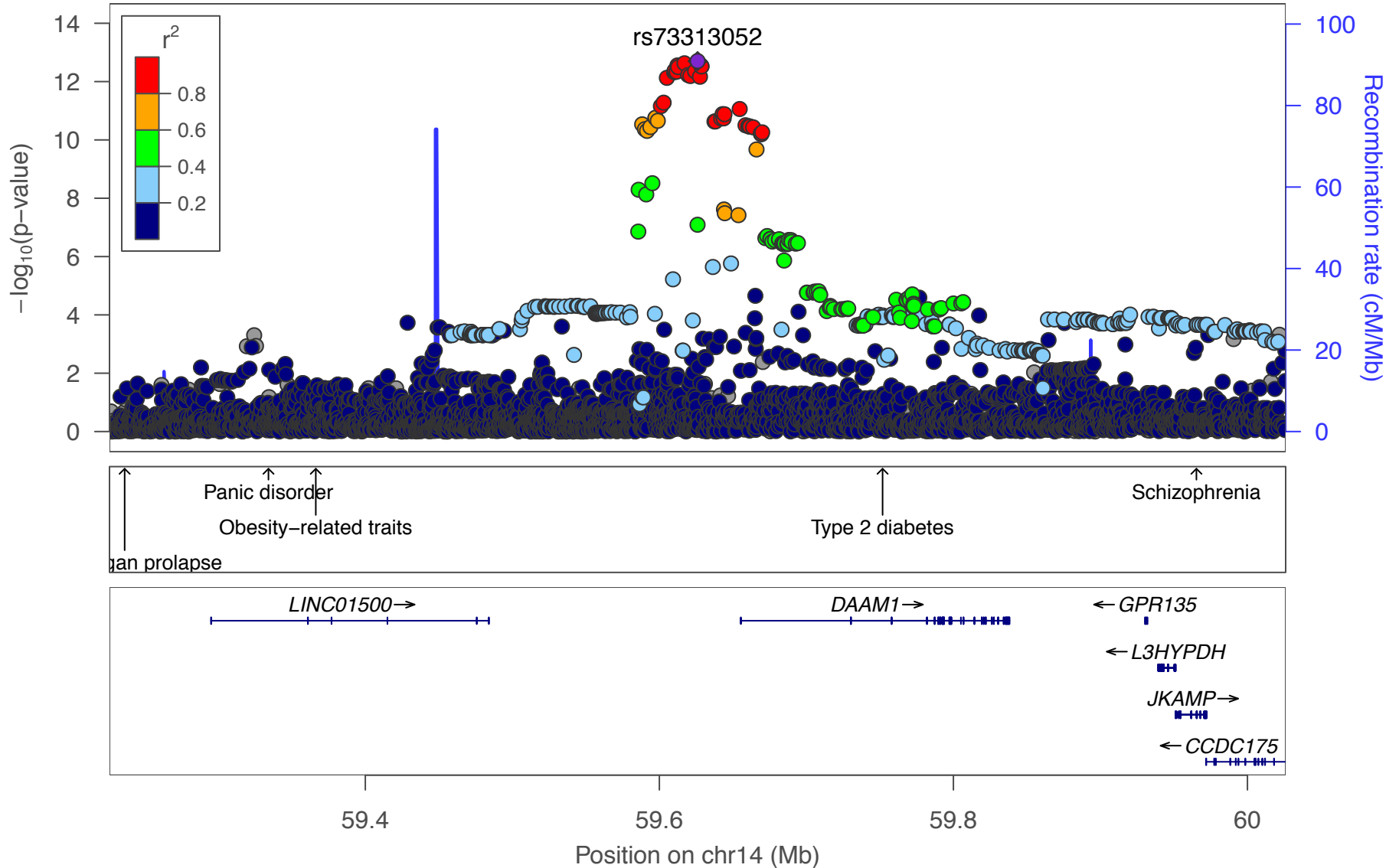
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	56.20047	Subcortical brain region volumes	rs945270
14	56.23180	Adverse response to chemotherapy (neutropenia/leucopenia) (all topoisomerase inhibitors)	rs7494275
14	56.25340	Parental extreme longevity (95 years and older)	rs12898084
14	56.33351	Body mass index (interaction)	rs7350721
14	56.35692	Post bronchodilator FEV1/FVC ratio	rs73276024
14	56.36174	Dementia and core Alzheimer's disease neuropathologic changes	rs35862341
14	56.39311	Height	rs4898878
14	56.41812	Obesity-related traits	rs10151037
14	56.52557	Telomere length	rs398652

a2009s_lh_G_precuneus_area



date: Thu Aug 17 19:03:55 2017

build: hg19

display range: chr14:59225997–60025997 [59225997–60025997]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59625997

number of SNPs plotted: 4164

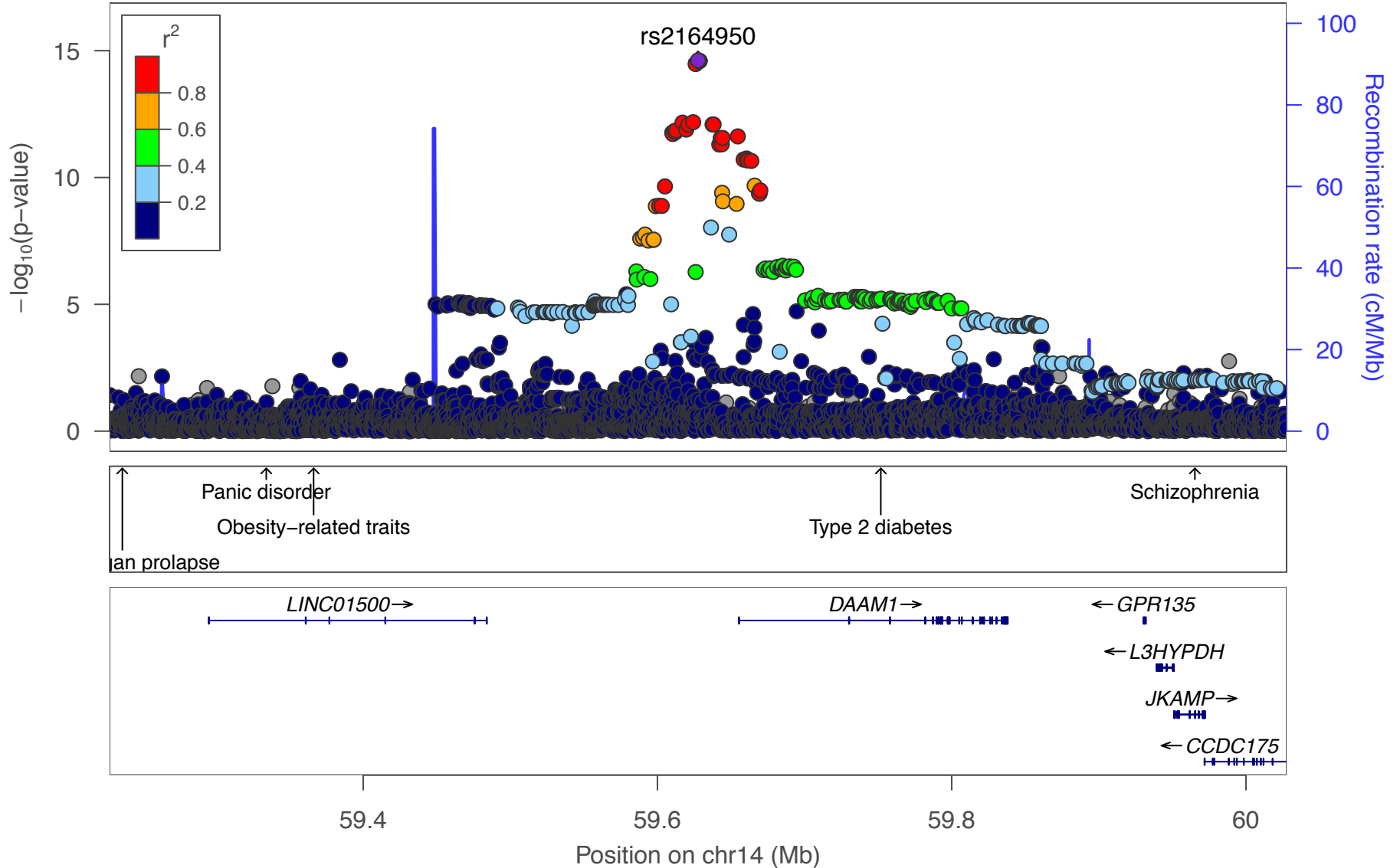
min P.value: 1.98E–13 [chr14:59625997]

max P.value: 10E–1 [chr14:59512546]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

DKTAtlas_lh_cuneus_area



date: Thu Aug 17 19:08:58 2017

build: hg19

display range: chr14:59227631–60027631 [59227631–60027631]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59627631

number of SNPs plotted: 4163

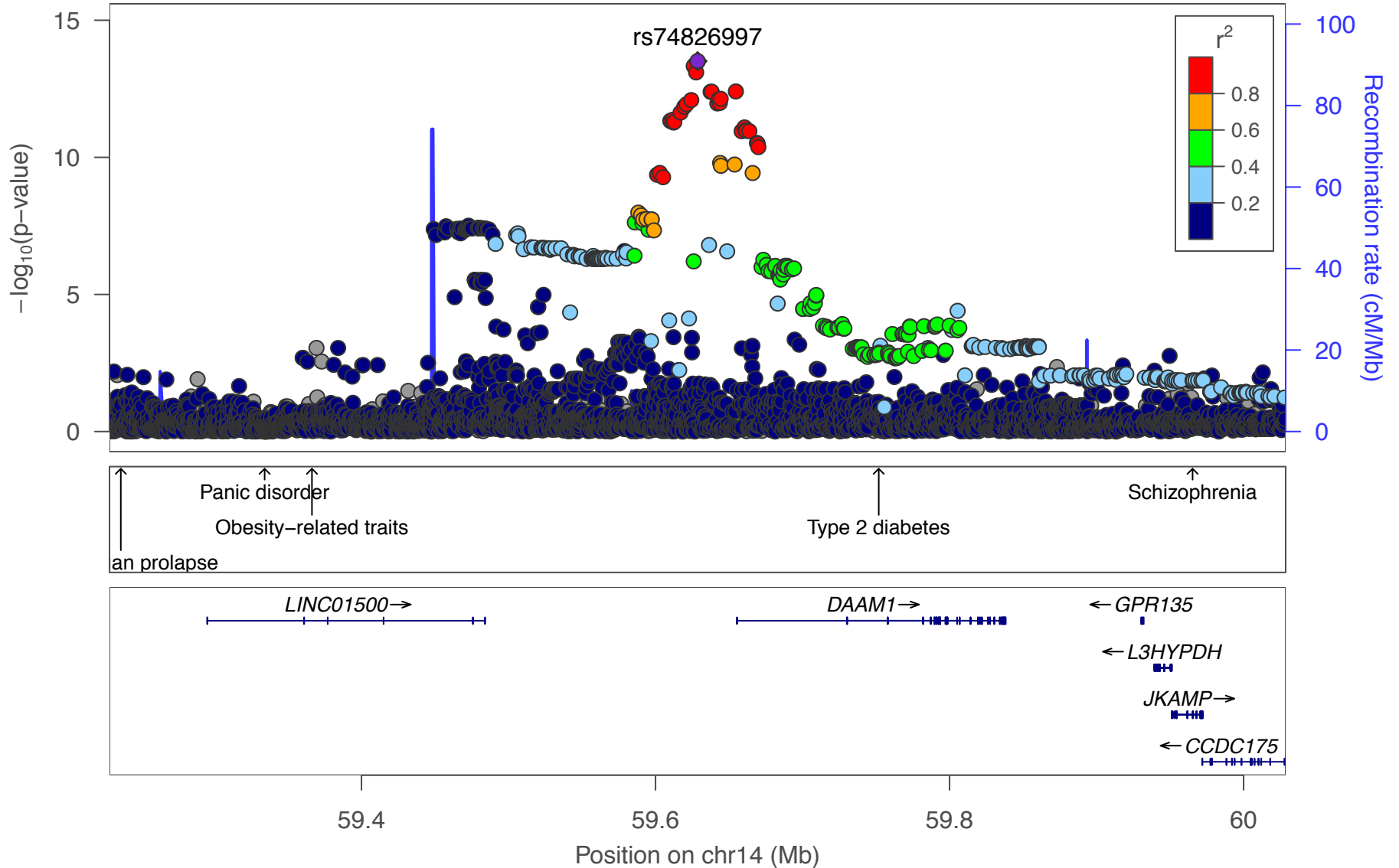
min P.value: 2.42E–15 [chr14:59627631]

max P.value: 10E–1 [chr14:59700041]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

FAST_ROIs_L_intracalc_cortex



date: Thu Aug 17 18:46:28 2017

build: hg19

display range: chr14:59228609–60028609 [59228609–60028609]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628609

number of SNPs plotted: 4162

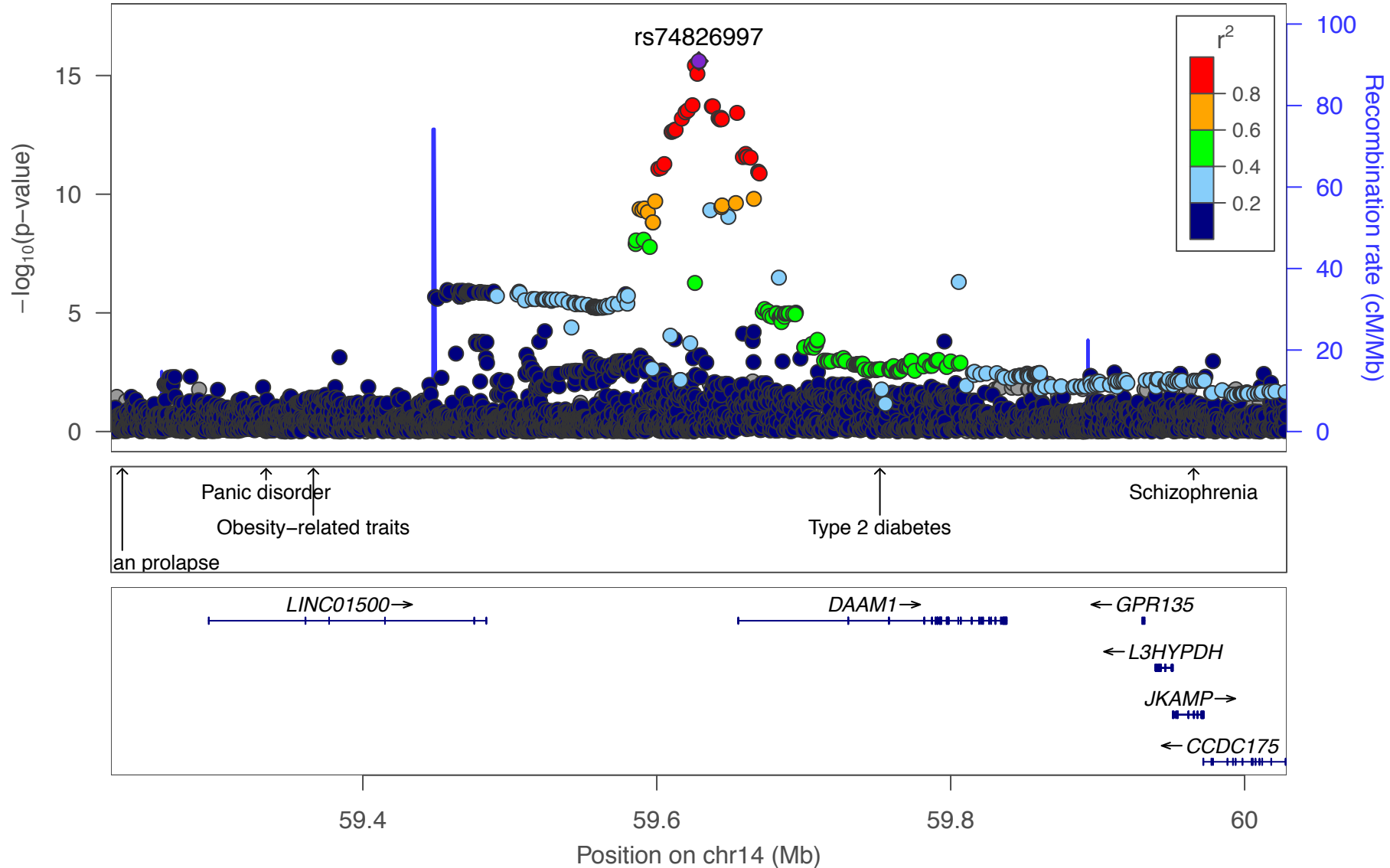
min P.value: 3.08E–14 [chr14:59628609]

max P.value: 10E–1 [chr14:59334863]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

FAST_ROIs_R_intracalc_cortex



date: Thu Aug 17 18:46:27 2017

build: hg19

display range: chr14:59228609–60028609 [59228609–60028609]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628609

number of SNPs plotted: 4162

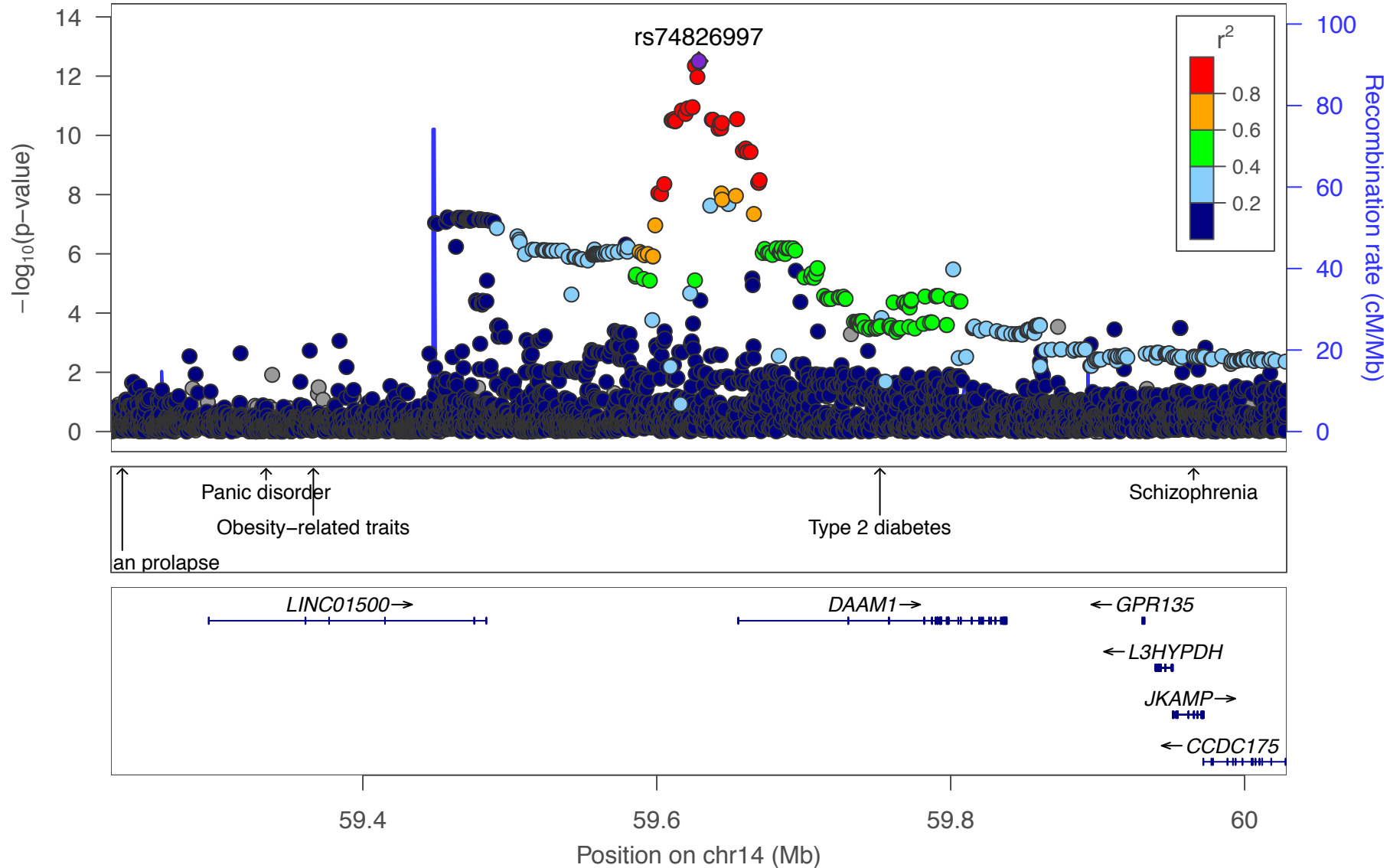
min P.value: 2.46E–16 [chr14:59628609]

max P.value: 10E–1 [chr14:59746864]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

DKAtlas_lh_pericalcarine_area



date: Thu Aug 17 19:09:22 2017

build: hg19

display range: chr14:59228609–60028609 [59228609–60028609]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628609

number of SNPs plotted: 4162

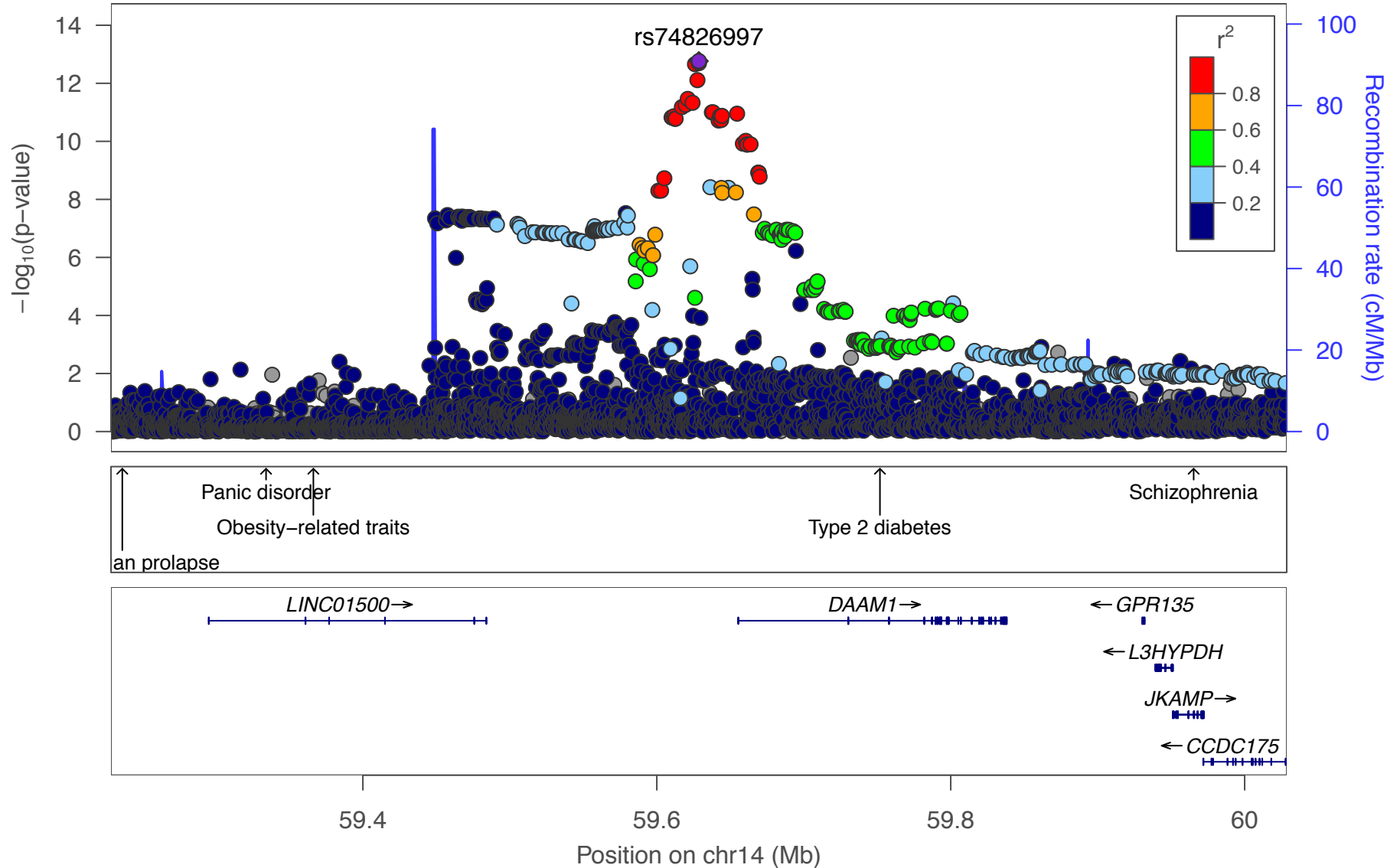
min P.value: 3.1E–13 [chr14:59628609]

max P.value: 10E–1 [chr14:59452591]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

a2009s_lh_S_calcarine_area



date: Thu Aug 17 19:08:59 2017

build: hg19

display range: chr14:59228609–60028609 [59228609–60028609]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628609

number of SNPs plotted: 4162

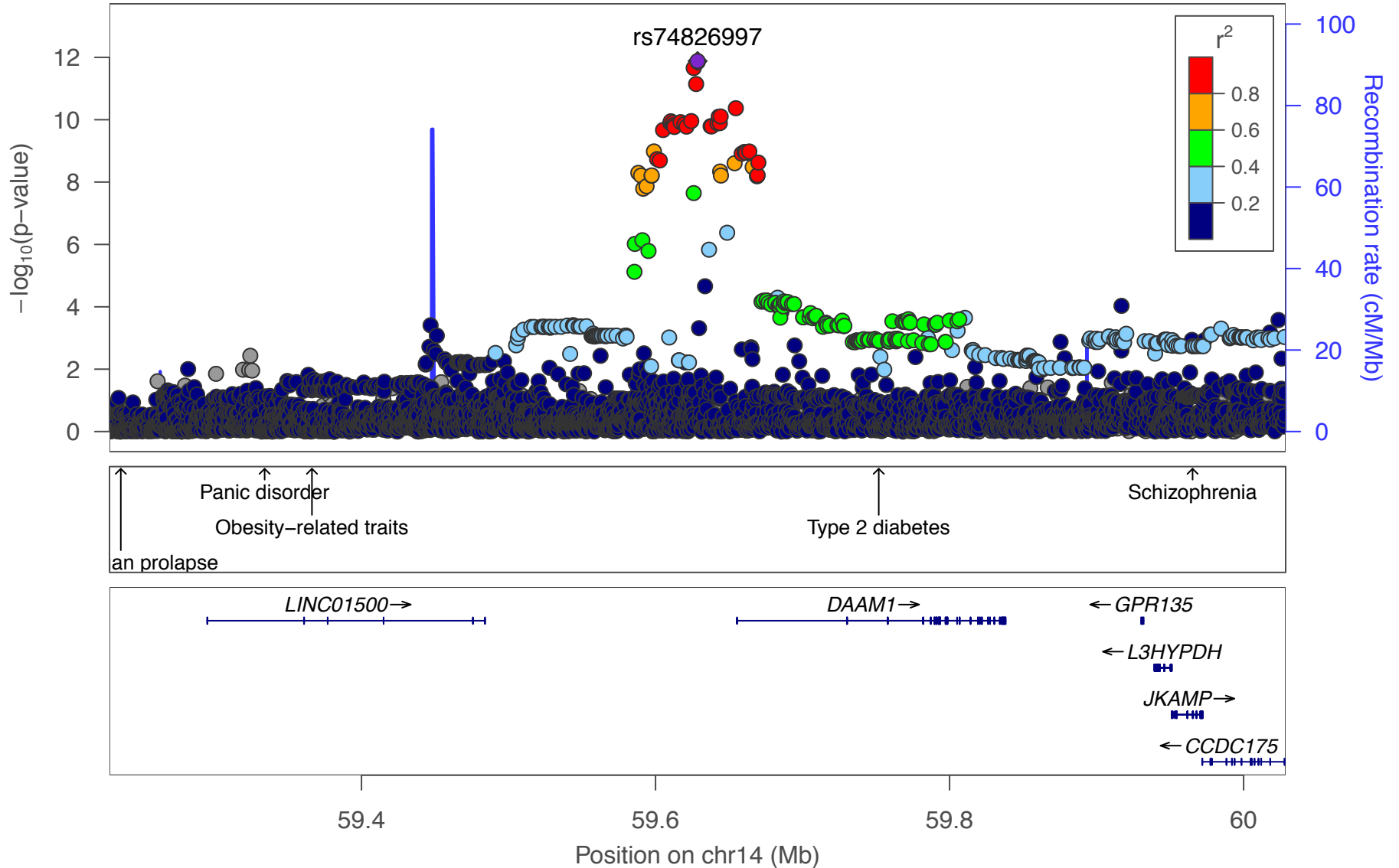
min P.value: 1.72E–13 [chr14:59628609]

max P.value: 10E–1 [chr14:59263090]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

a2009s_lh_S_subparietal_area



date: Thu Aug 17 18:55:02 2017

build: hg19

display range: chr14:59228609–60028609 [59228609–60028609]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628609

number of SNPs plotted: 4162

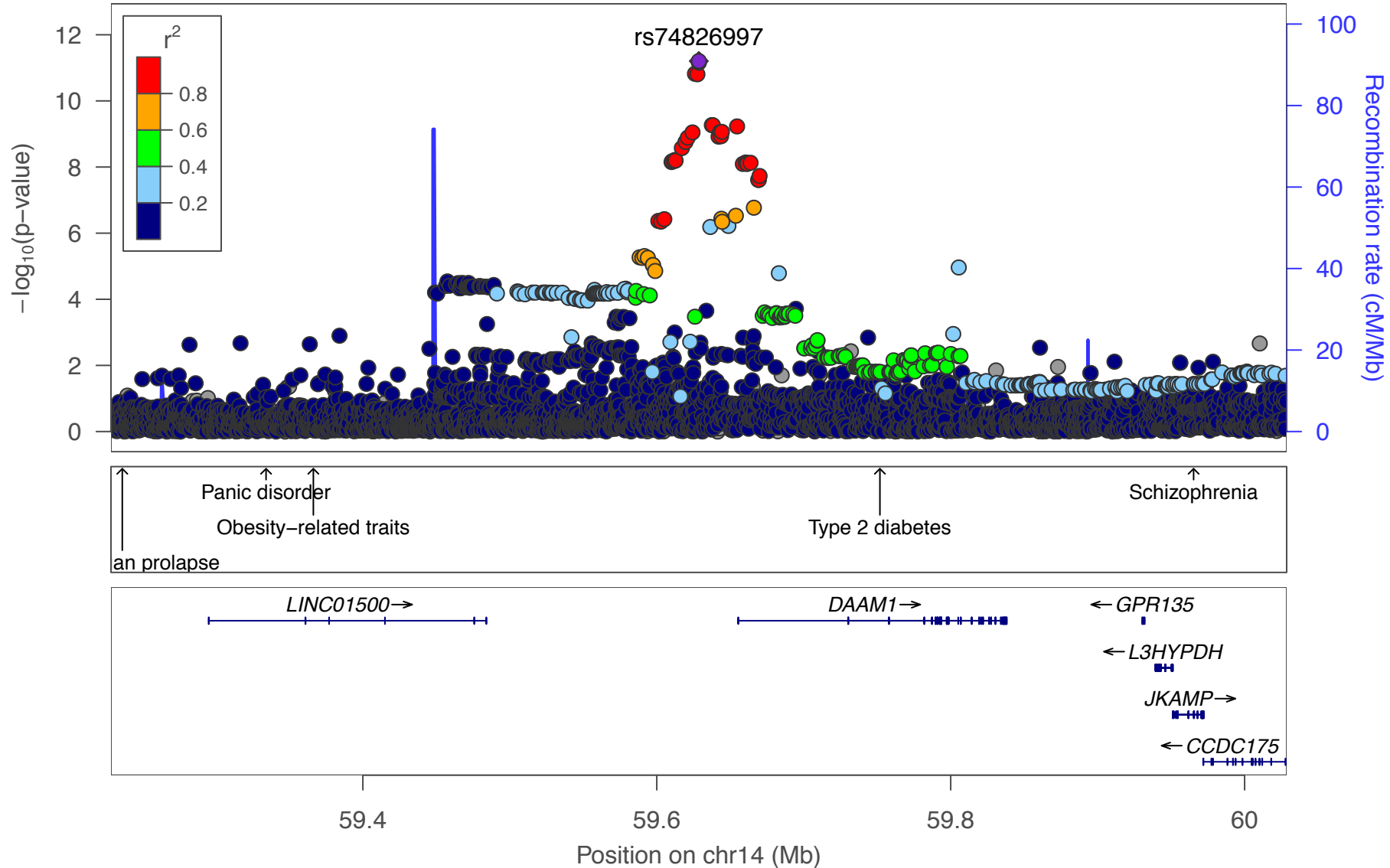
min P.value: 1.32E–12 [chr14:59628609]

max P.value: 10E–1 [chr14:59768278]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

DKAtlas_rh_pericalcarine_area



date: Thu Aug 17 18:58:26 2017

build: hg19

display range: chr14:59228609–60028609 [59228609–60028609]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628609

number of SNPs plotted: 4162

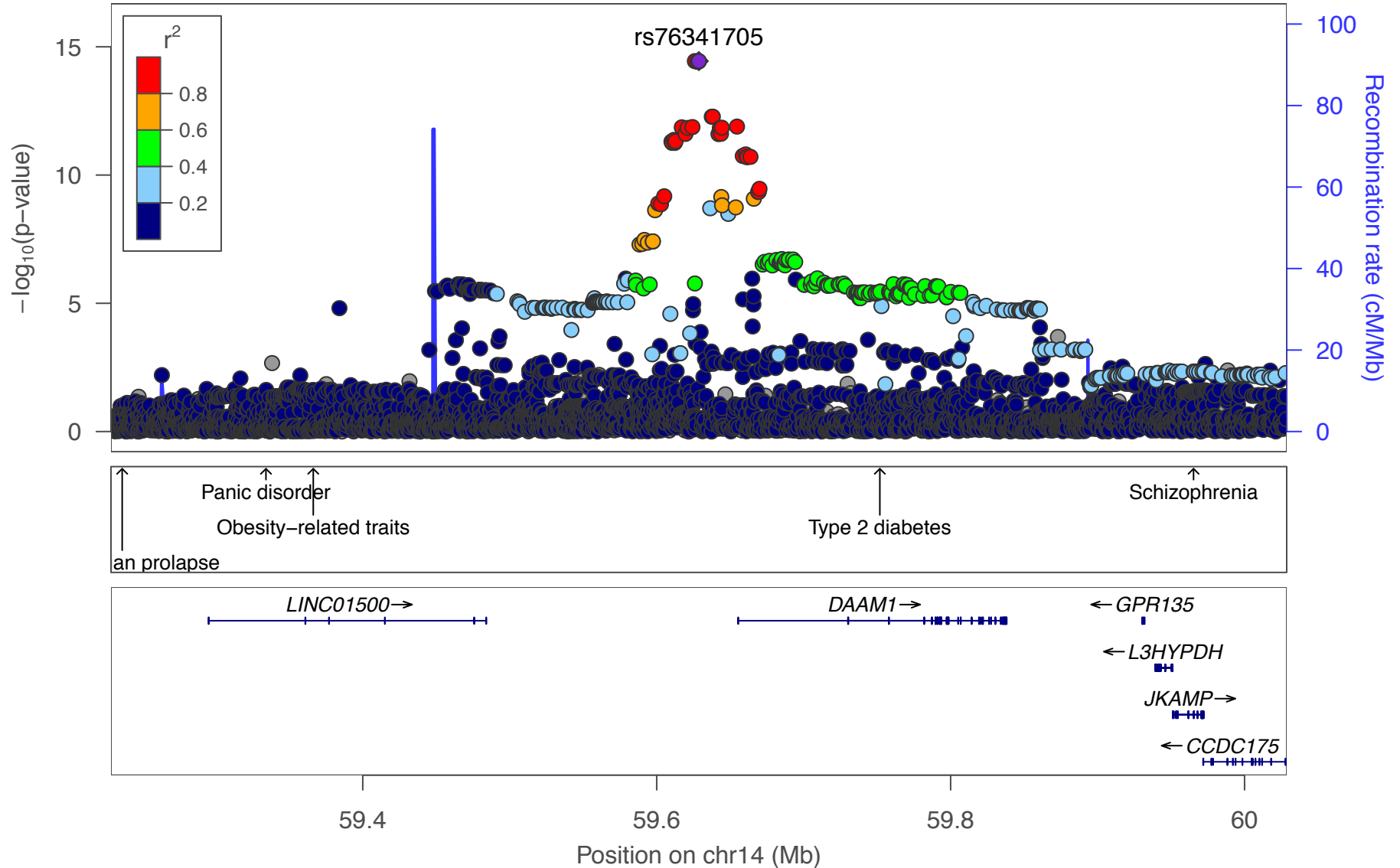
min P.value: 6.25E–12 [chr14:59628609]

max P.value: 10E–1 [chr14:59347121]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

a2009s_lh_G_cuneus_area



date: Thu Aug 17 18:58:26 2017

build: hg19

display range: chr14:59228679–60028679 [59228679–60028679]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628679

number of SNPs plotted: 4162

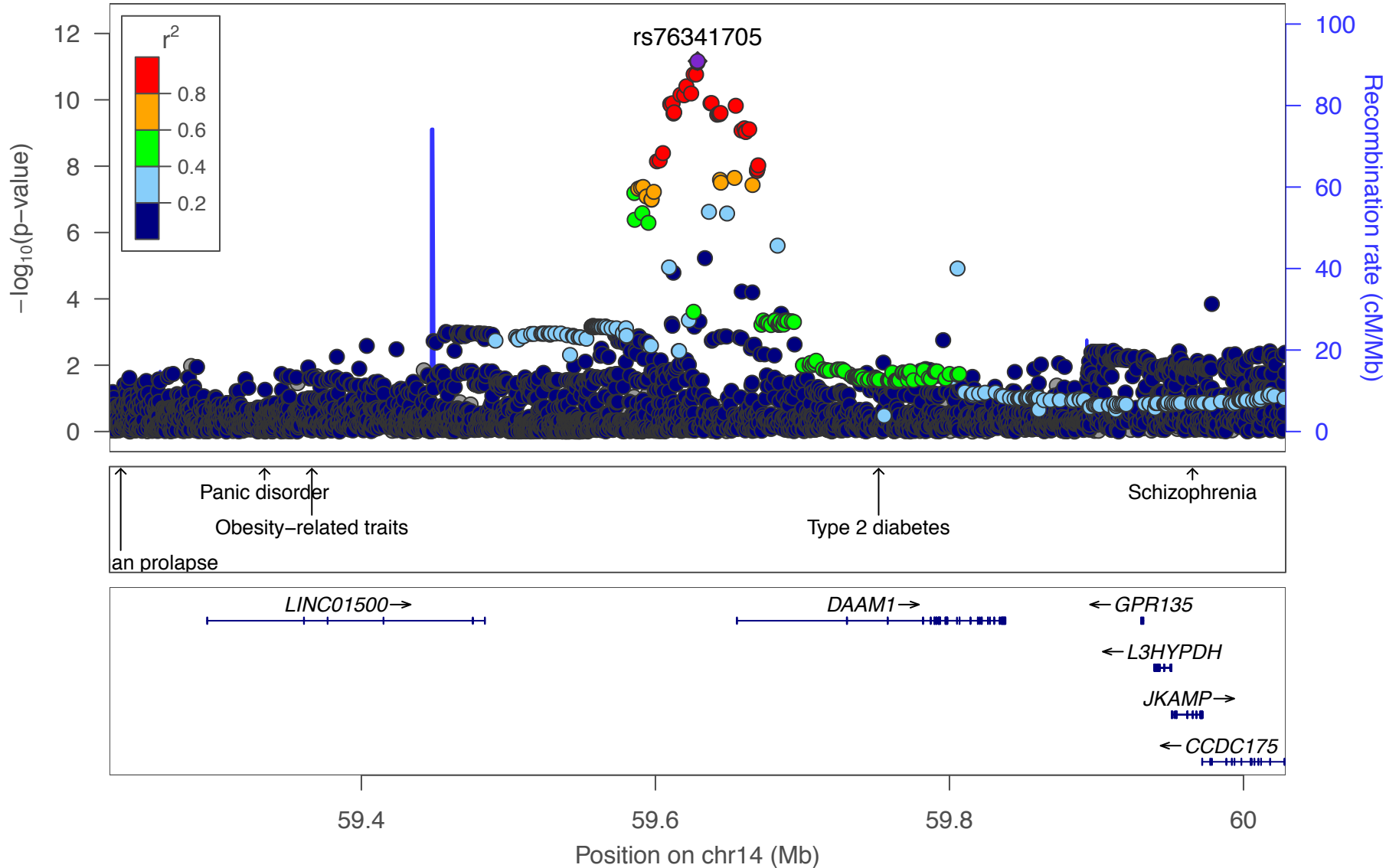
min P.value: 3.61E–15 [chr14:59625997]

max P.value: 9.99E–1 [chr14:59439189]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

DKAtlas_rh_lingual_area



date: Thu Aug 17 18:58:37 2017

build: hg19

display range: chr14:59228679–60028679 [59228679–60028679]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628679

number of SNPs plotted: 4162

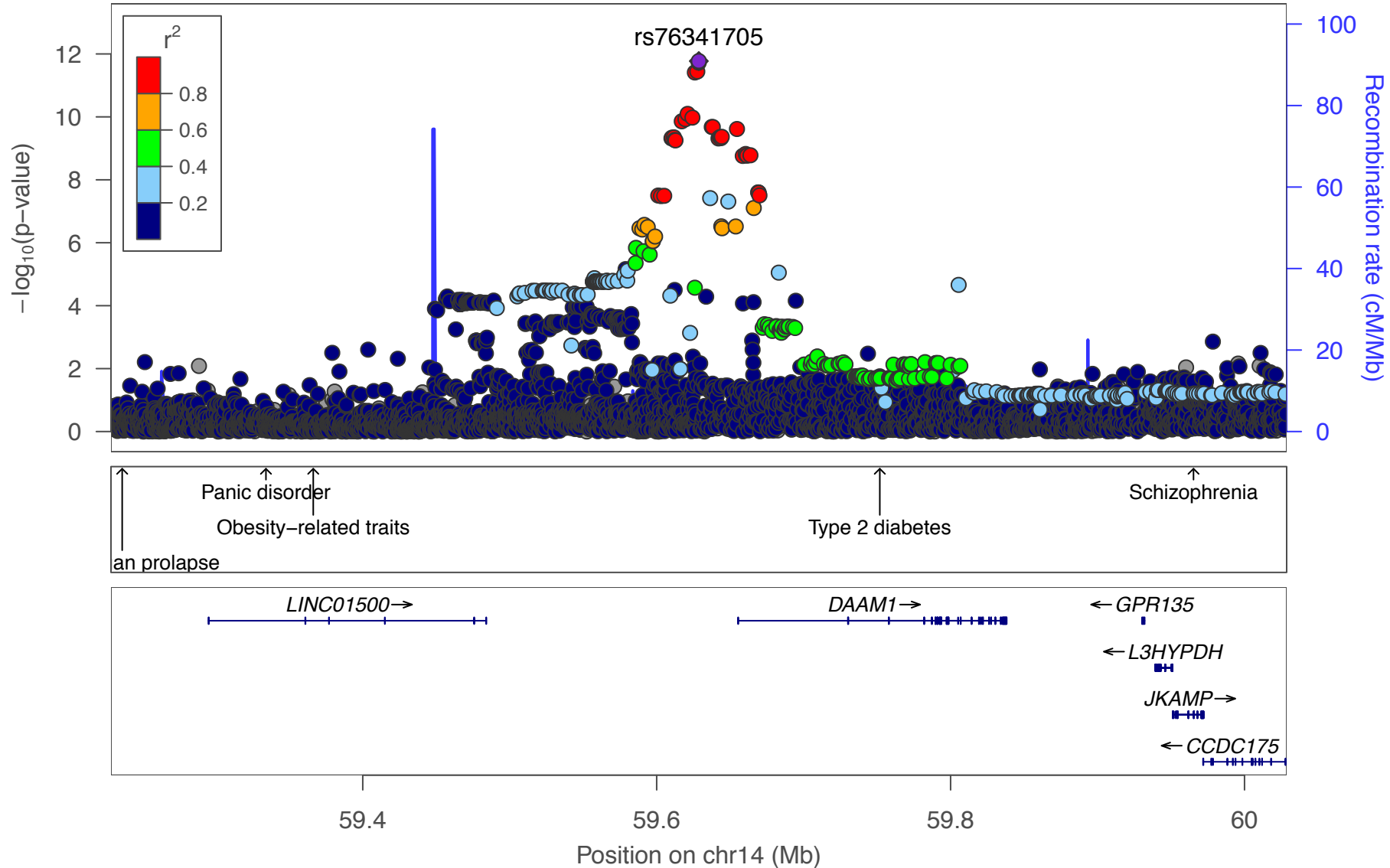
min P.value: 6.79E–12 [chr14:59628679]

max P.value: 10E–1 [chr14:59824861]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

a2009s_rh_S_calcarine_area



date: Thu Aug 17 18:58:36 2017

build: hg19

display range: chr14:59228679–60028679 [59228679–60028679]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr14:59628679

number of SNPs plotted: 4162

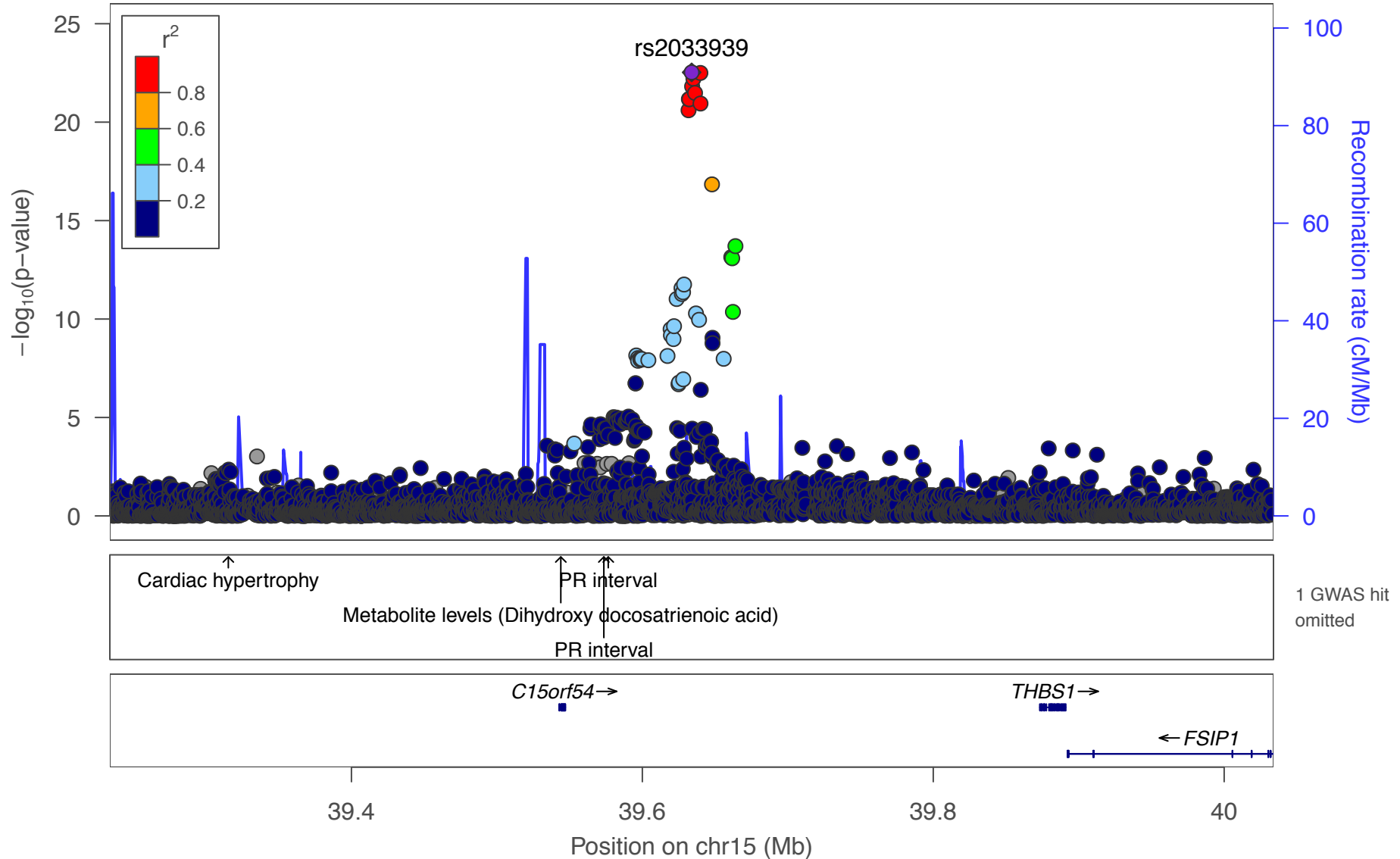
min P.value: 1.69E–12 [chr14:59628679]

max P.value: 10E–1 [chr14:59429871]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
14	59.23631	Pelvic organ prolapse	rs7147087
14	59.33413	Panic disorder	rs4901869
14	59.36632	Obesity-related traits	rs405460
14	59.75183	Type 2 diabetes	rs35209784
14	59.96529	Schizophrenia	rs111803315

FAST_ROIs_L_precentral_gyrus



date: Thu Aug 17 19:08:08 2017

build: hg19

display range: chr15:39233904–40033904 [39233904–40033904]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39633904

number of SNPs plotted: 4352

min P.value: 2.96E–23 [chr15:39633904]

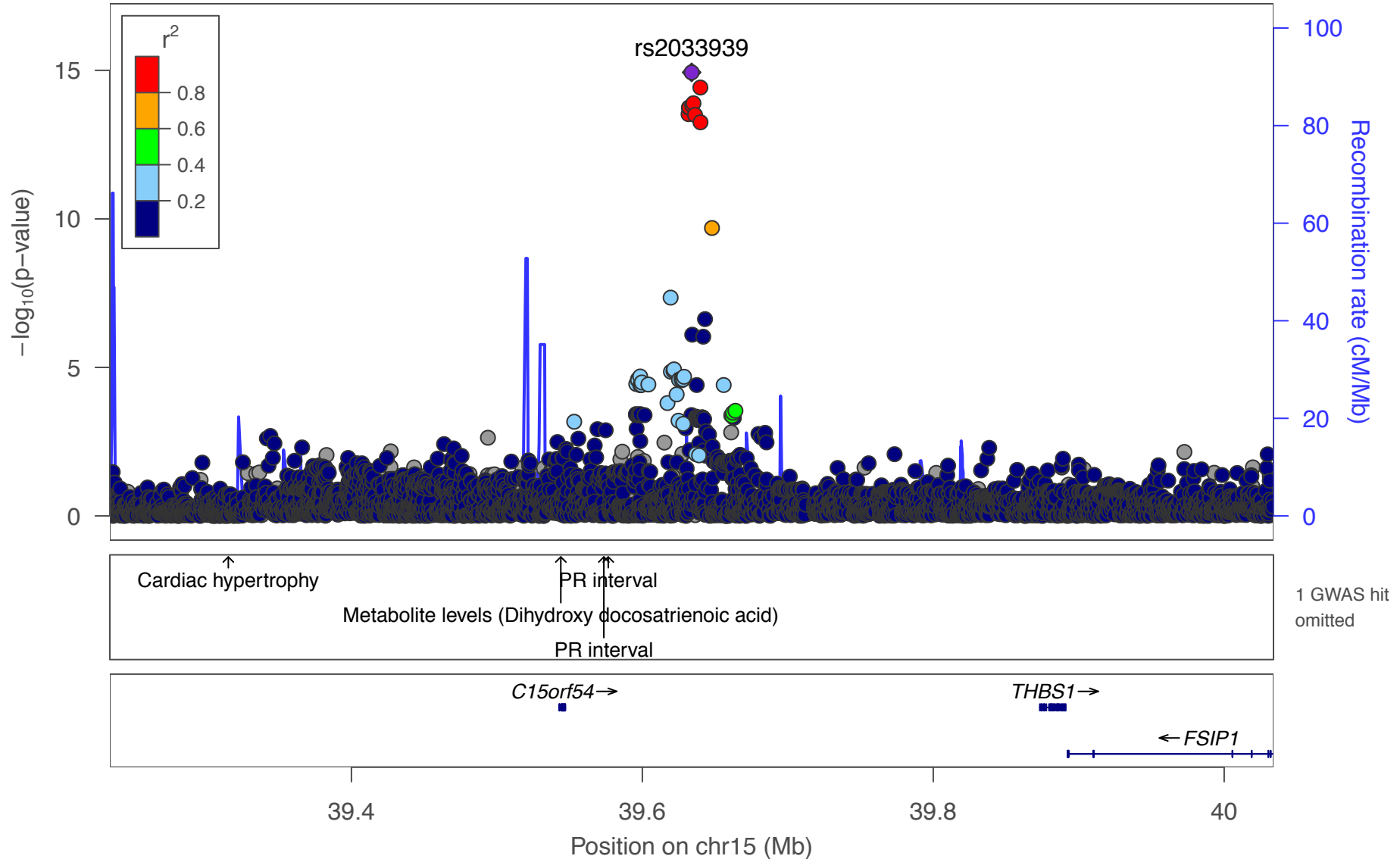
max P.value: 10E–1 [chr15:39368012]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265

a2009s_rh_GandS_subcentral_area



date: Thu Aug 17 18:47:49 2017

build: hg19

display range: chr15:39233904–40033904 [39233904–40033904]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39633904

number of SNPs plotted: 4352

min P.value: 1.17E–15 [chr15:39633904]

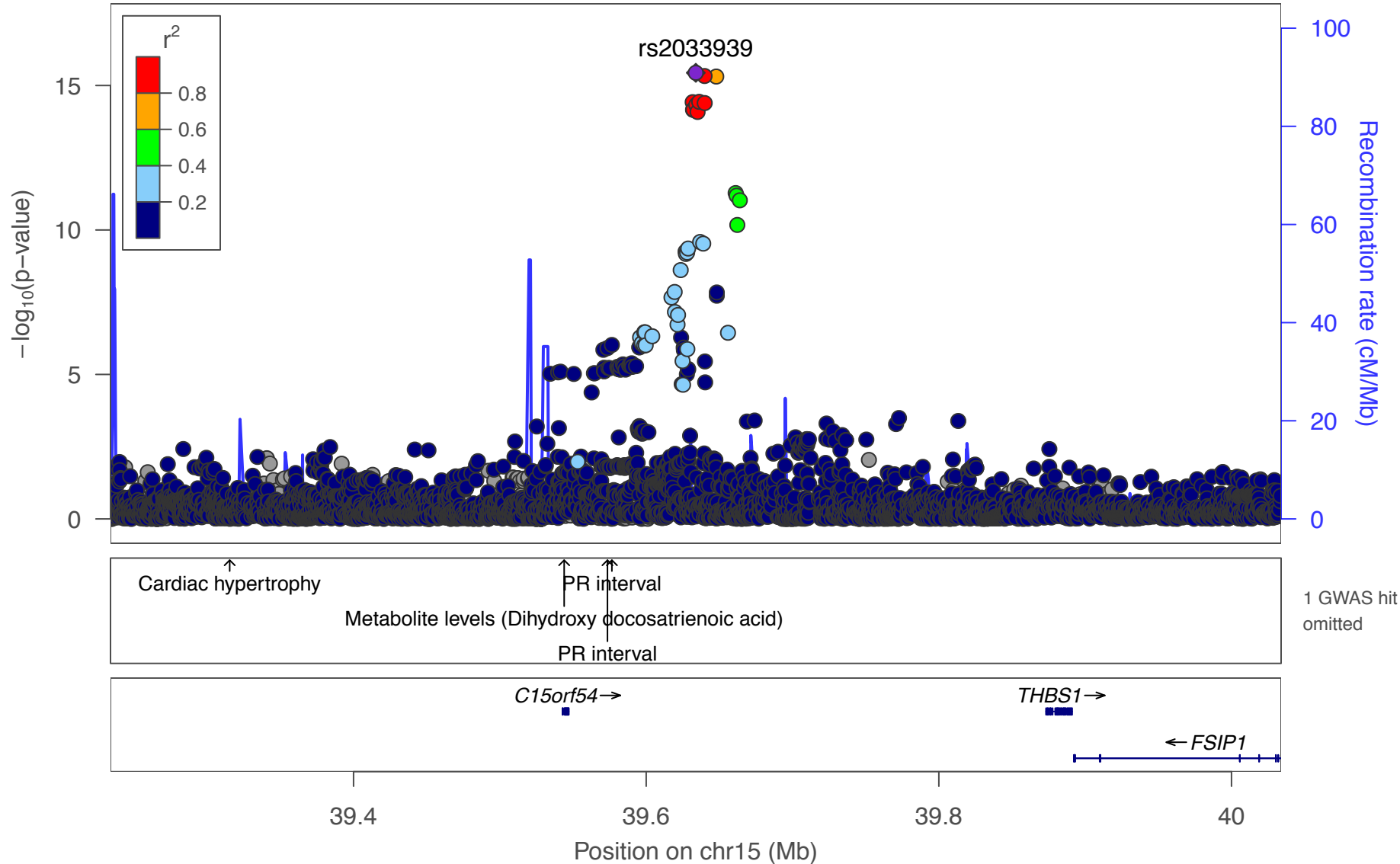
max P.value: 10E–1 [chr15:39874973]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265

DKAtlas_lh_postcentral_thickness



date: Thu Aug 17 18:55:24 2017

build: hg19

display range: chr15:39233904–40033904 [39233904–40033904]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39633904

number of SNPs plotted: 4352

min P.value: 3.64E–16 [chr15:39633904]

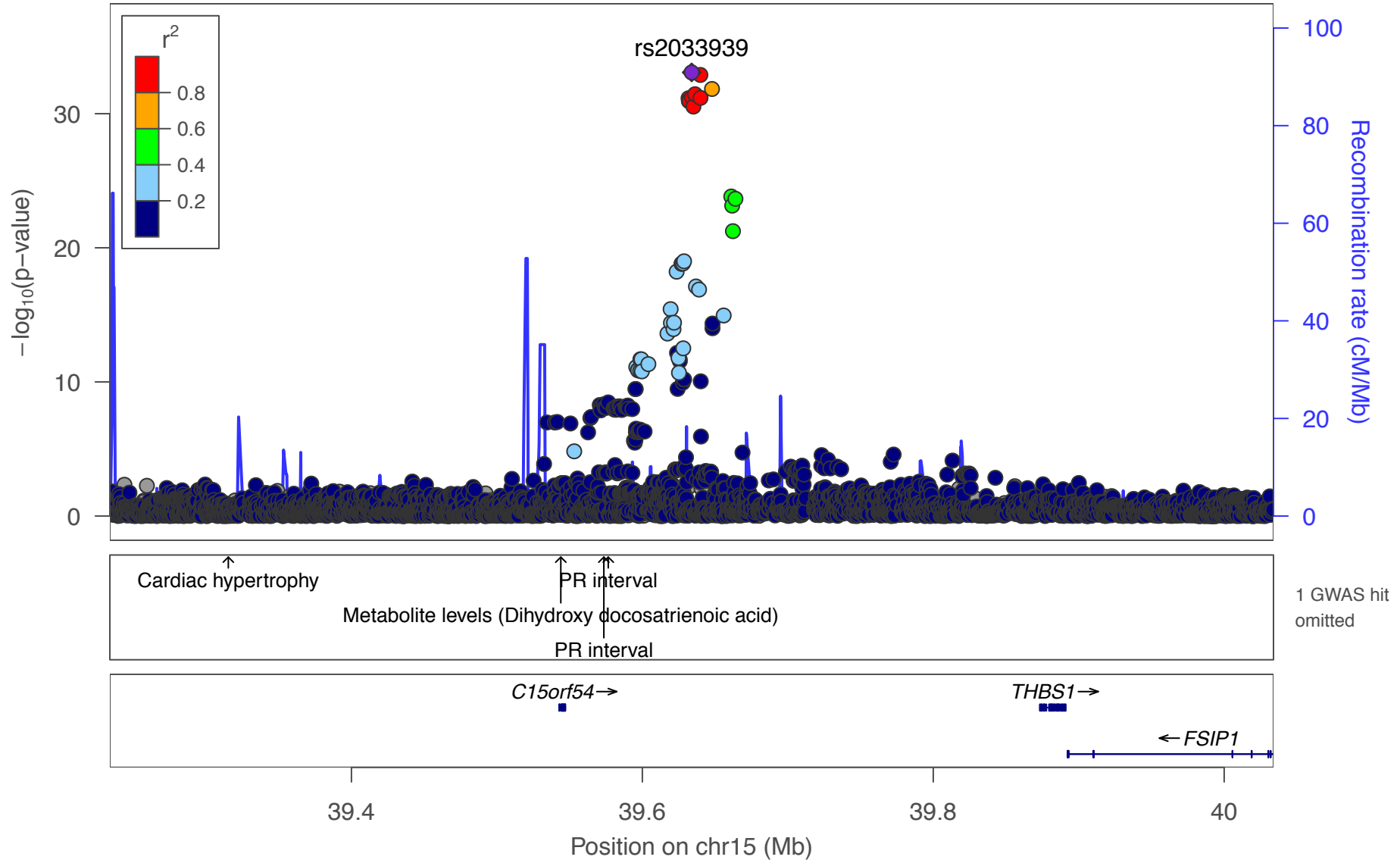
max P.value: 10E–1 [chr15:39807423]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265

a2009s_lh_G_postcentral_thickness



date: Thu Aug 17 19:07:32 2017

build: hg19

display range: chr15:39233904–40033904 [39233904–40033904]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39633904

number of SNPs plotted: 4352

min P.value: 8.36E–34 [chr15:39633904]

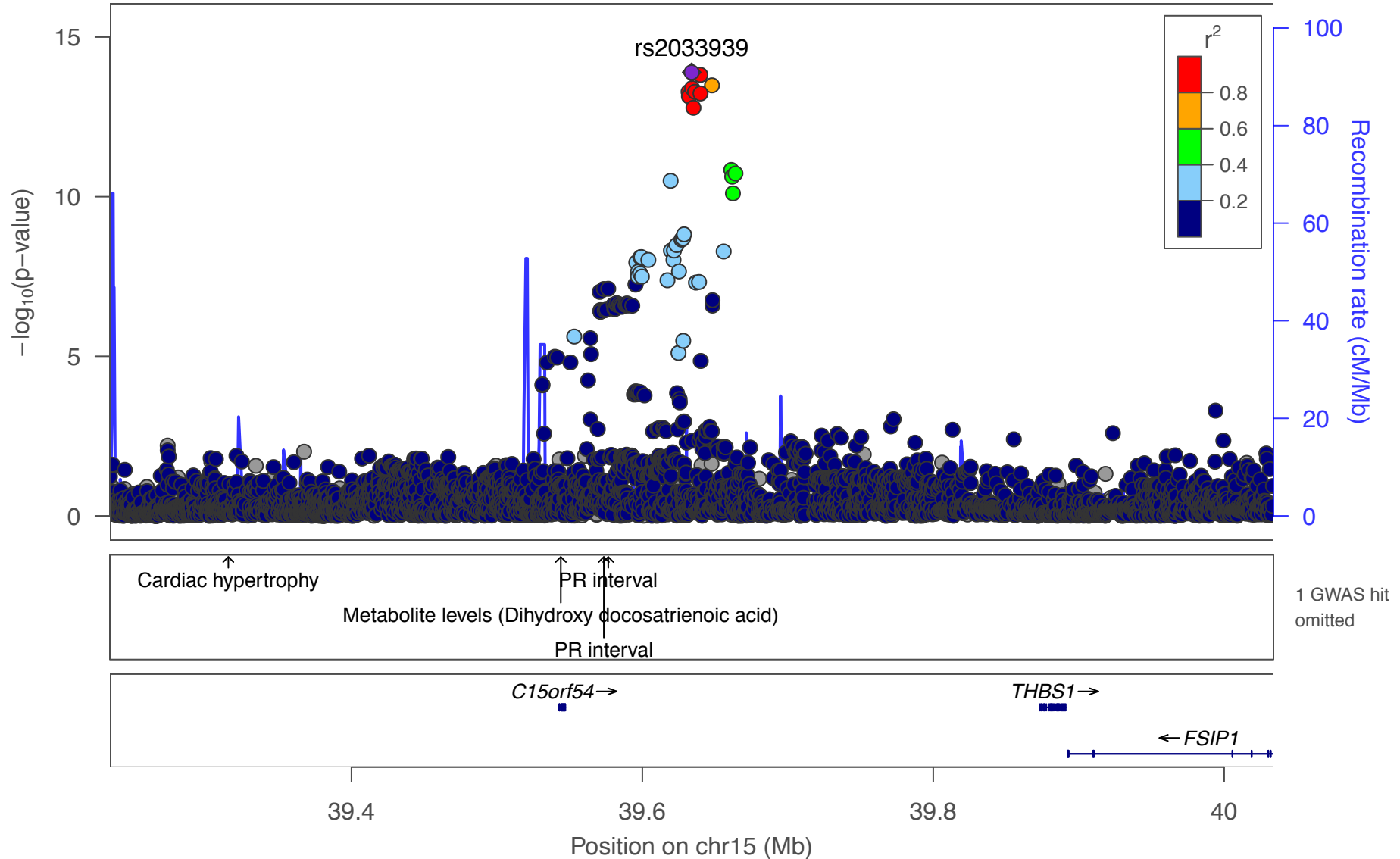
max P.value: 10E–1 [chr15:39982927]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265

DKAtlas_rh_postcentral_thickness



date: Thu Aug 17 18:47:48 2017

build: hg19

display range: chr15:39233904–40033904 [39233904–40033904]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39633904

number of SNPs plotted: 4352

min P.value: 1.28E–14 [chr15:39633904]

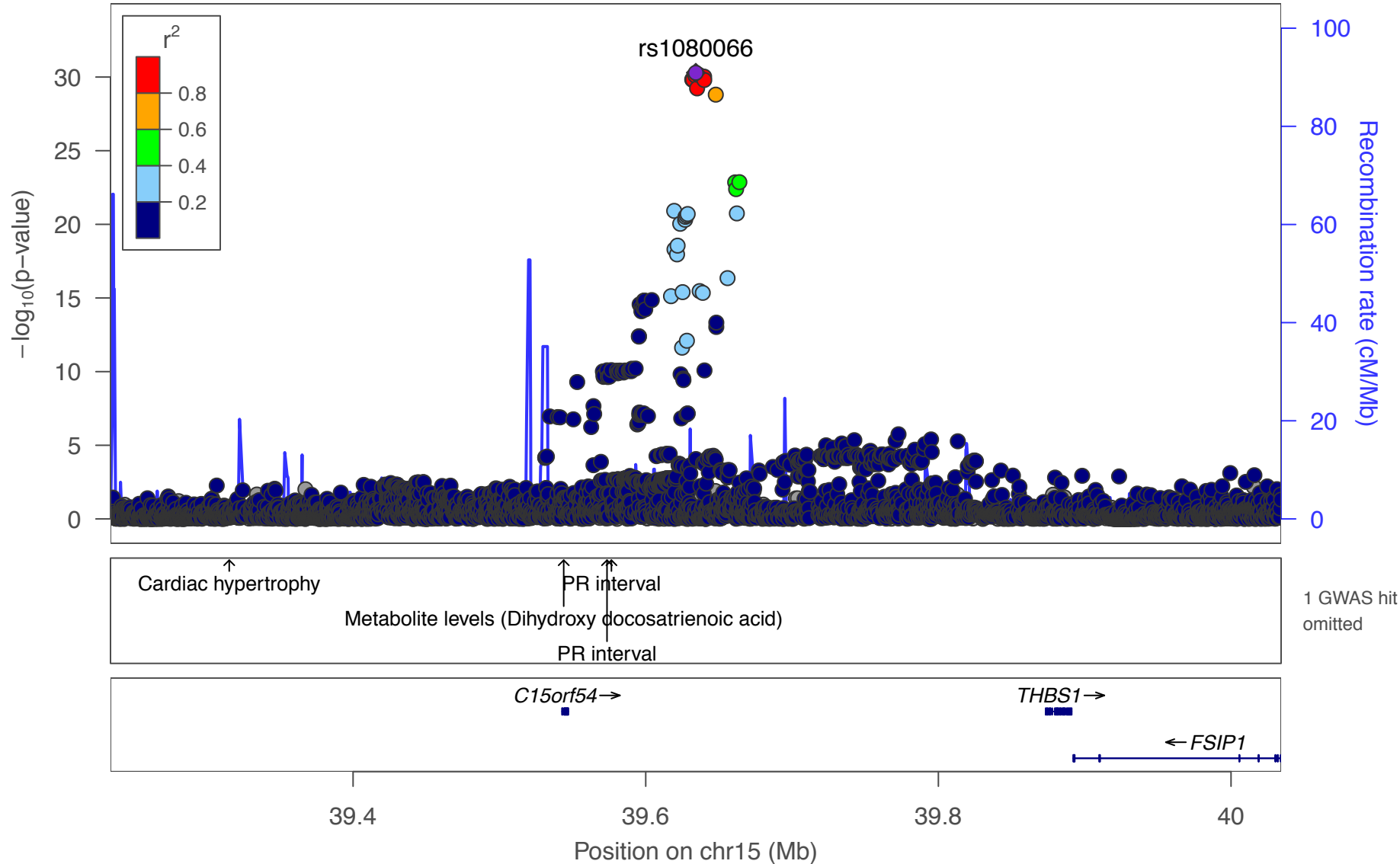
max P.value: 9.99E–1 [chr15:39265911]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265

a2009s_rh_G_postcentral_thickness



date: Thu Aug 17 19:07:32 2017

build: hg19

display range: chr15:39234222–40034222 [39234222–40034222]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39634222

number of SNPs plotted: 4350

min P.value: 5.15E–31 [chr15:39634222]

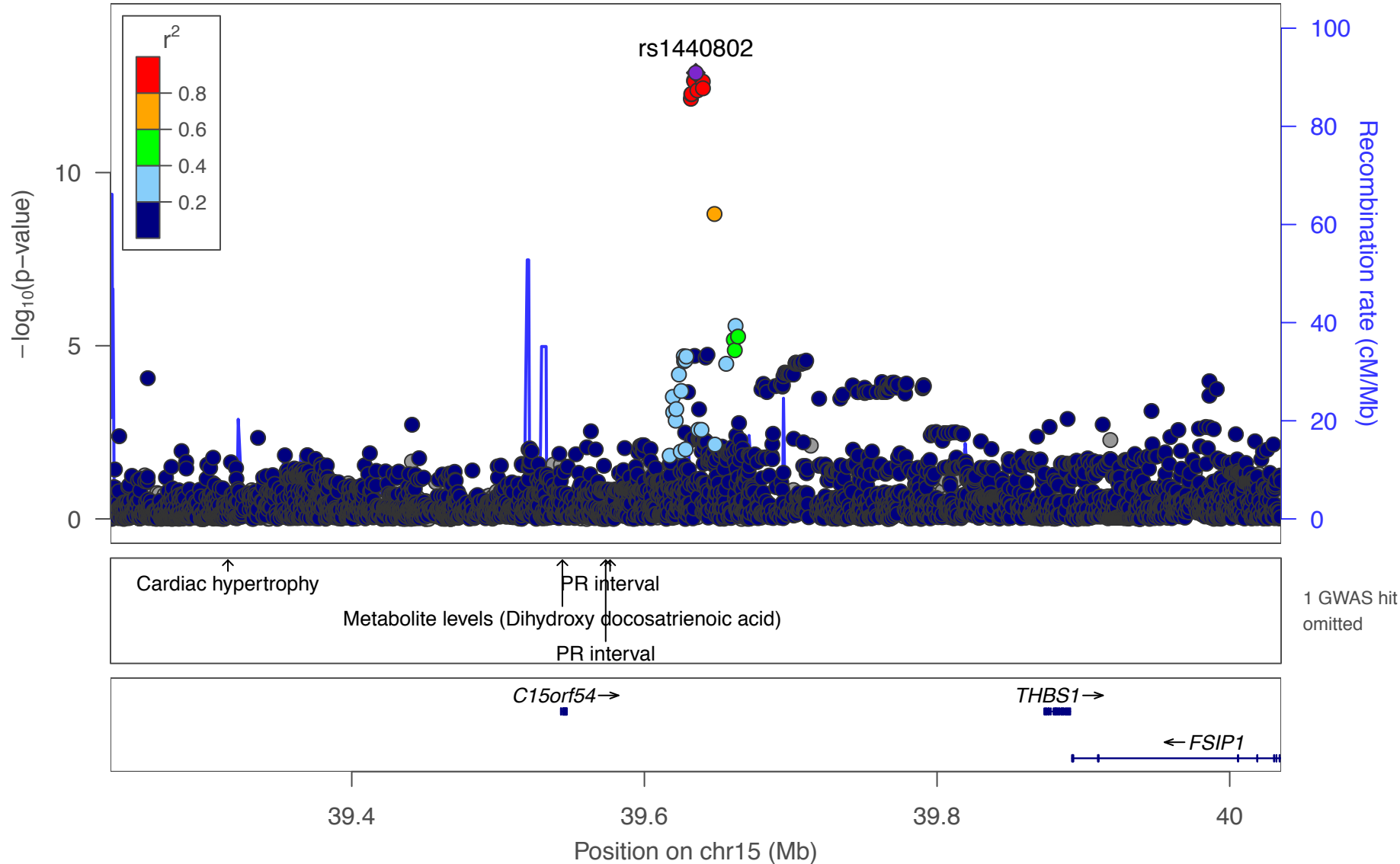
max P.value: 10E–1 [chr15:39396921]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265

DKTAtlas_lh_postcentral_area



date: Thu Aug 17 18:55:29 2017

build: hg19

display range: chr15:39235124–40035124 [39235124–40035124]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39635124

number of SNPs plotted: 4346

min P.value: 1.32E–13 [chr15:39635124]

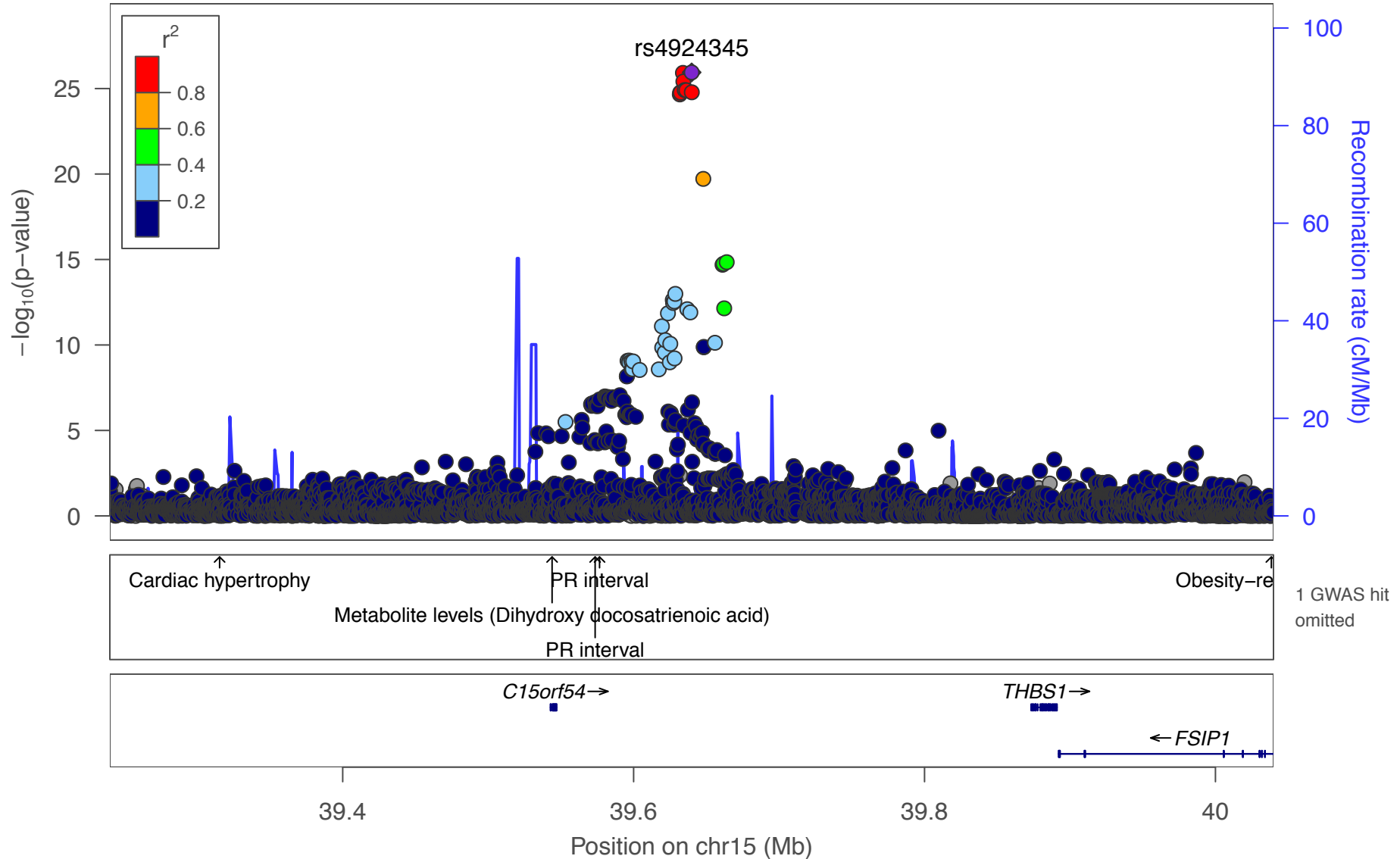
max P.value: 10E–1 [chr15:39573686]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265

FAST_ROIs_R_precentral_gyrus



date: Thu Aug 17 18:55:45 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 1.13E–26 [chr15:39639898]

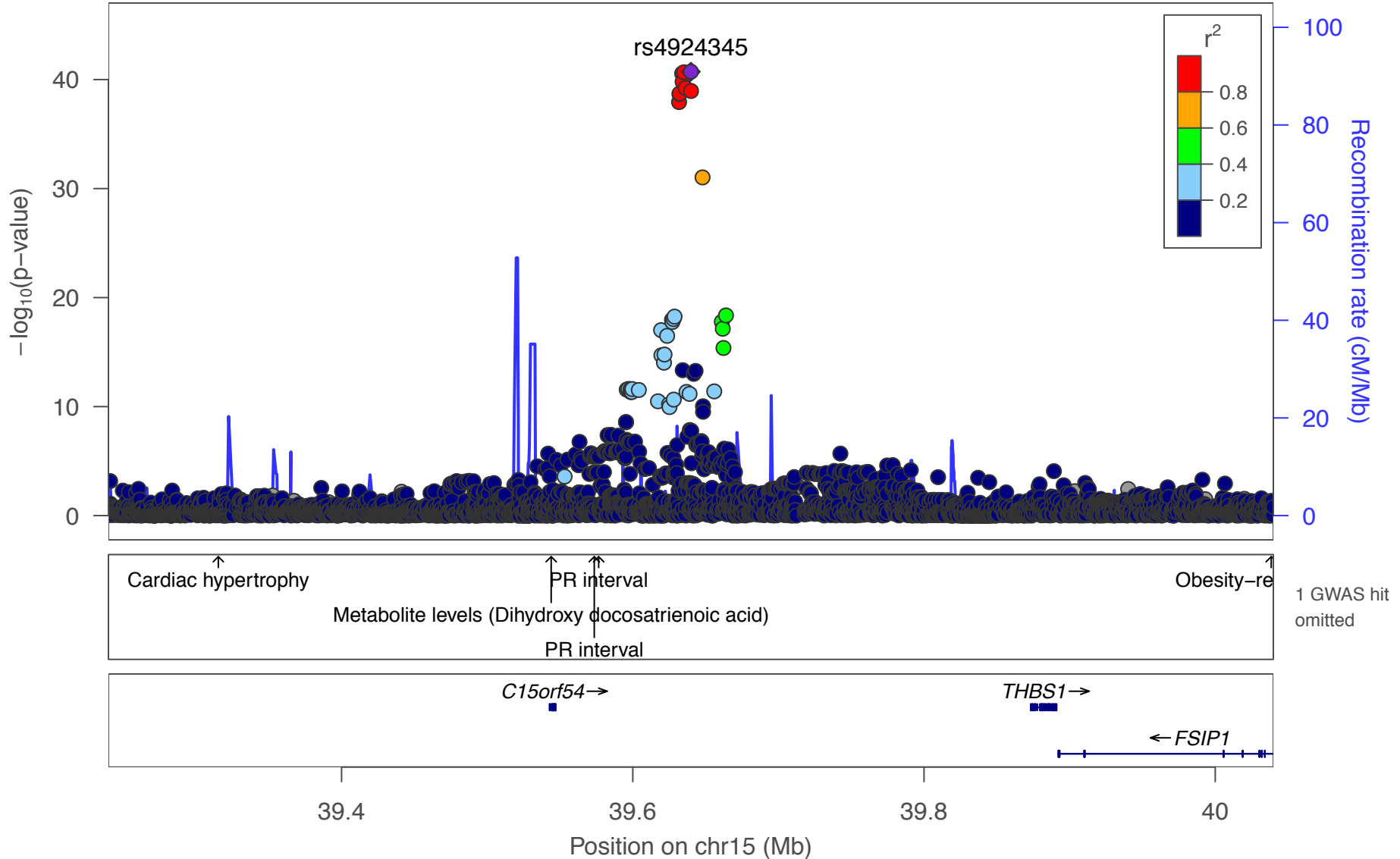
max P.value: 10E–1 [chr15:39865883]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

DKAtlas_lh_precentral_area



date: Thu Aug 17 18:53:41 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 1.89E–41 [chr15:39639898]

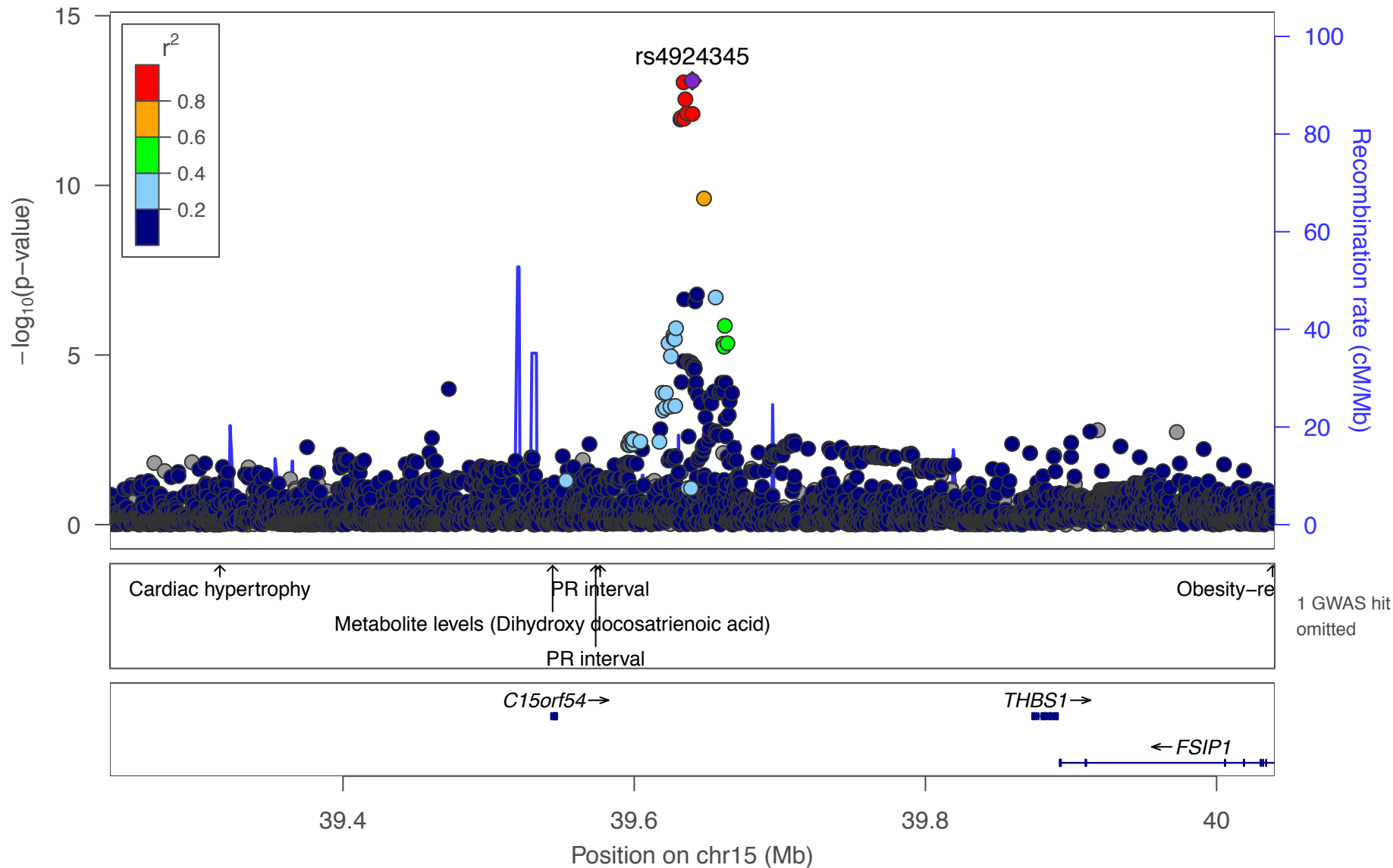
max P.value: 10E–1 [chr15:39844150]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

a2009s_lh_GandS_subcentral_area



date: Thu Aug 17 18:48:08 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 8.26E–14 [chr15:39639898]

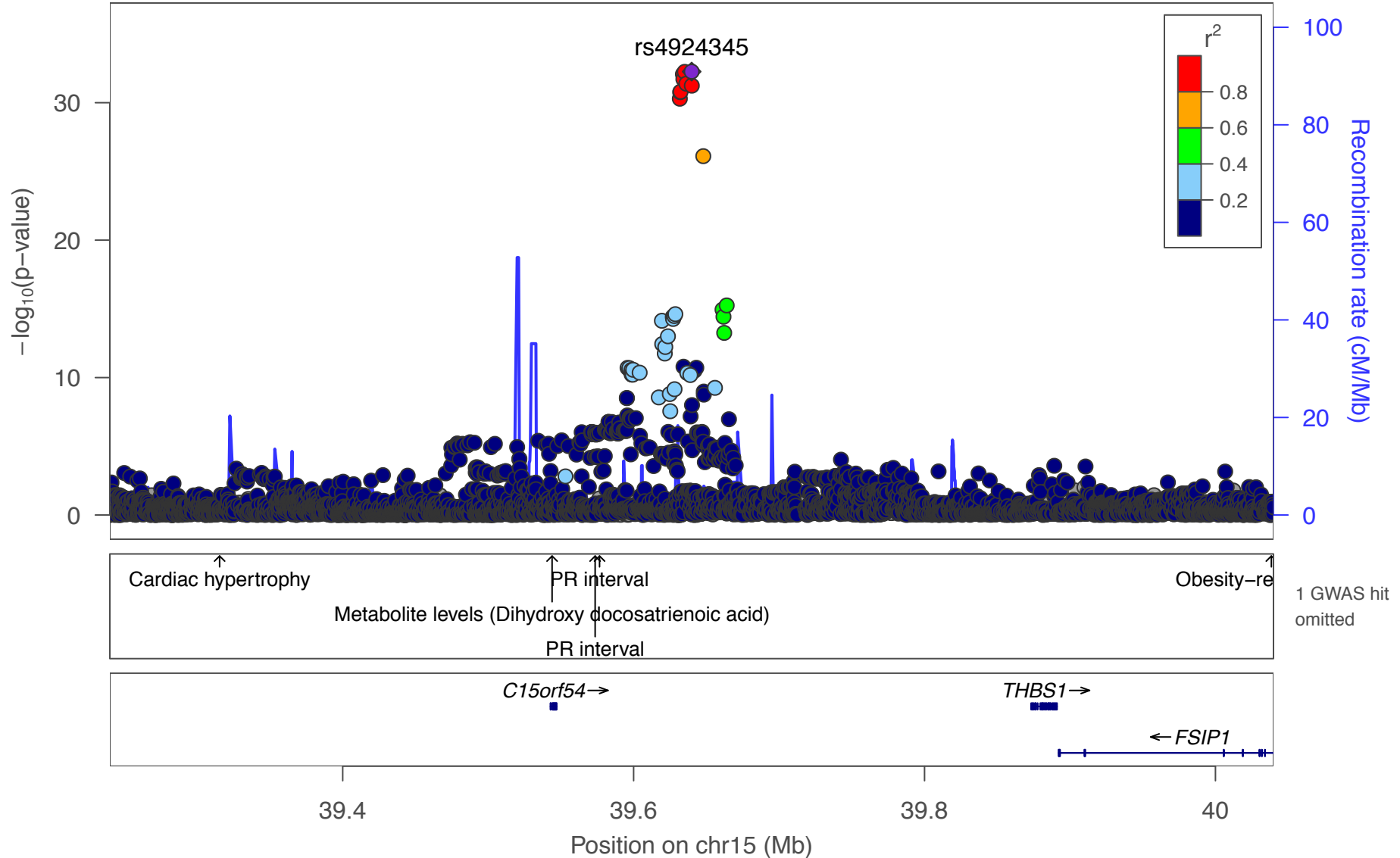
max P.value: 10E–1 [chr15:39555303]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

a2009s_lh_G_precentral_area



date: Thu Aug 17 18:57:11 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 5.47E–33 [chr15:39639898]

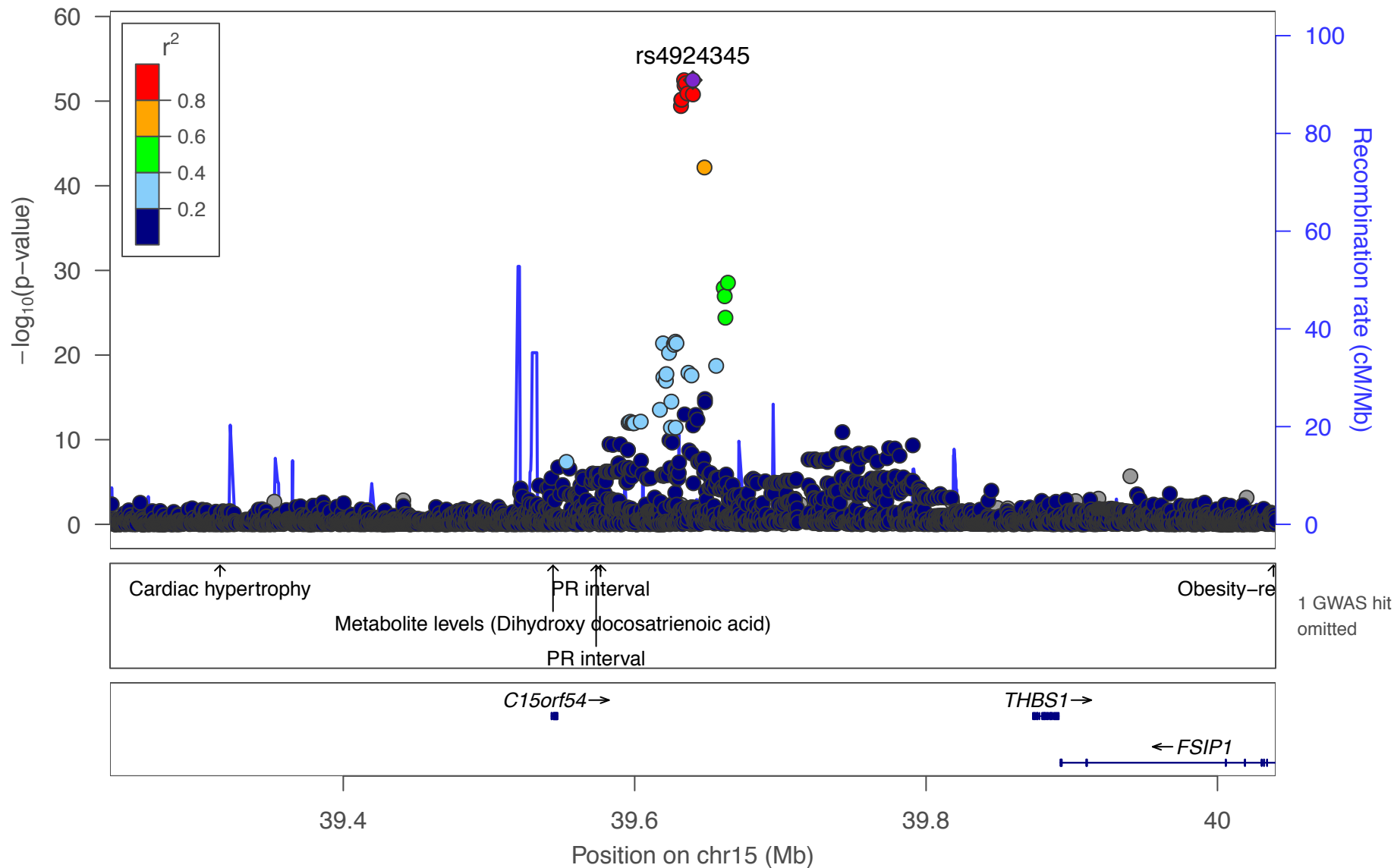
max P.value: 10E–1 [chr15:39703982]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

a2009s_lh_S_central_area



date: Thu Aug 17 18:53:27 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 3.27E–53 [chr15:39639898]

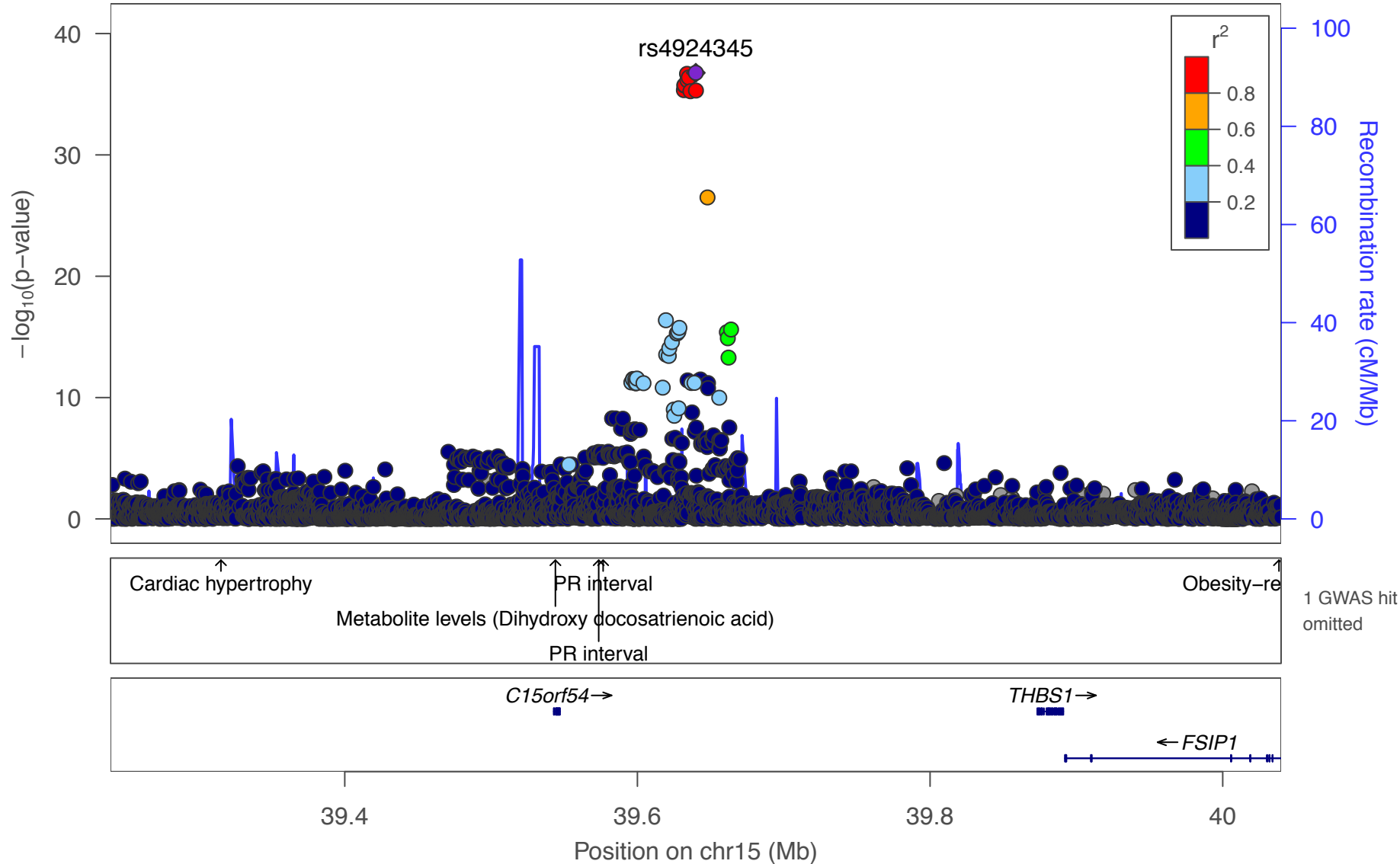
max P.value: 10E–1 [chr15:39282979]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

DKAtlas_rh_precentral_area



date: Thu Aug 17 18:57:12 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 1.71E–37 [chr15:39639898]

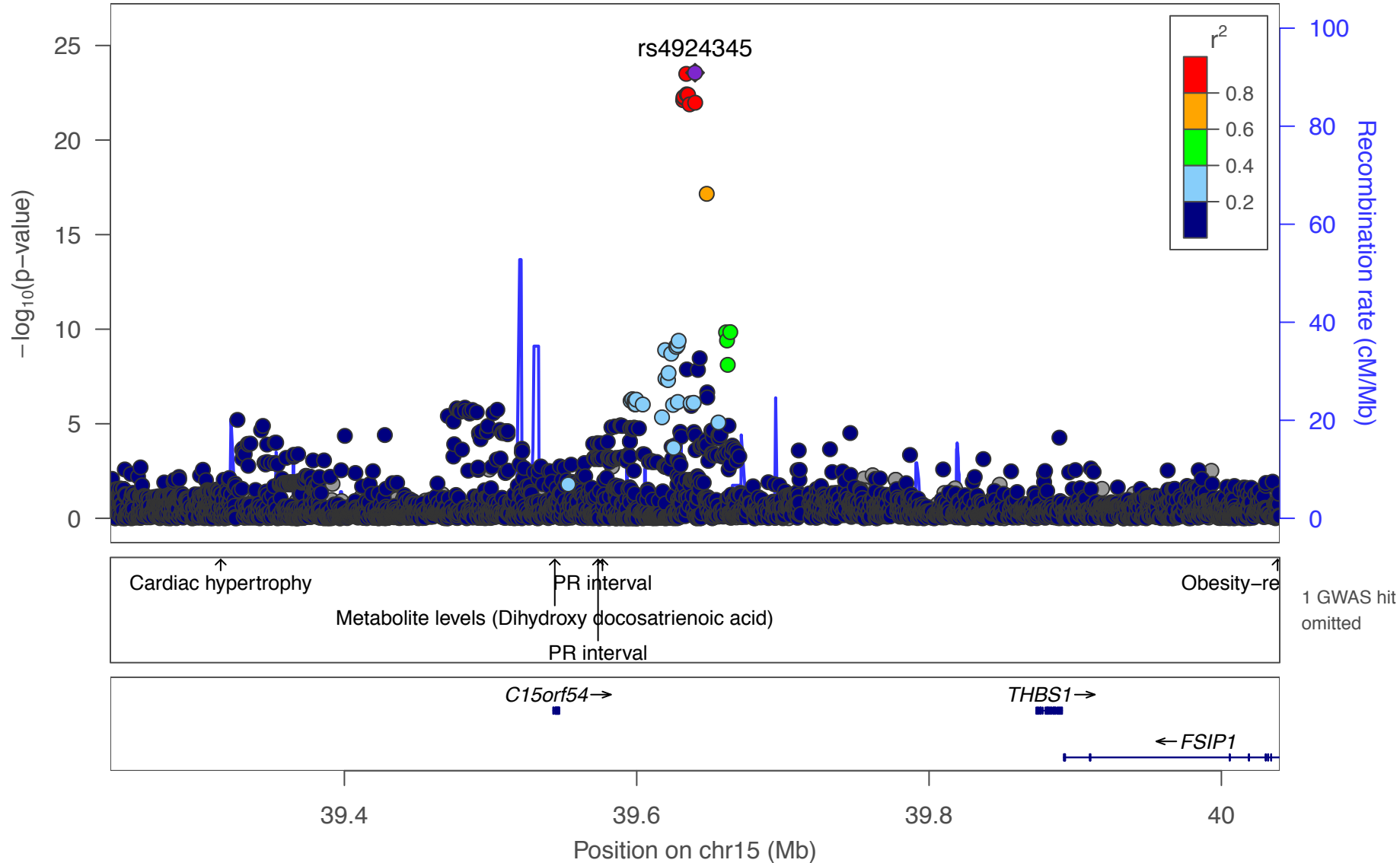
max P.value: 10E–1 [chr15:39334288]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

a2009s_rh_G_precentral_area



date: Thu Aug 17 18:53:34 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 2.75E–24 [chr15:39639898]

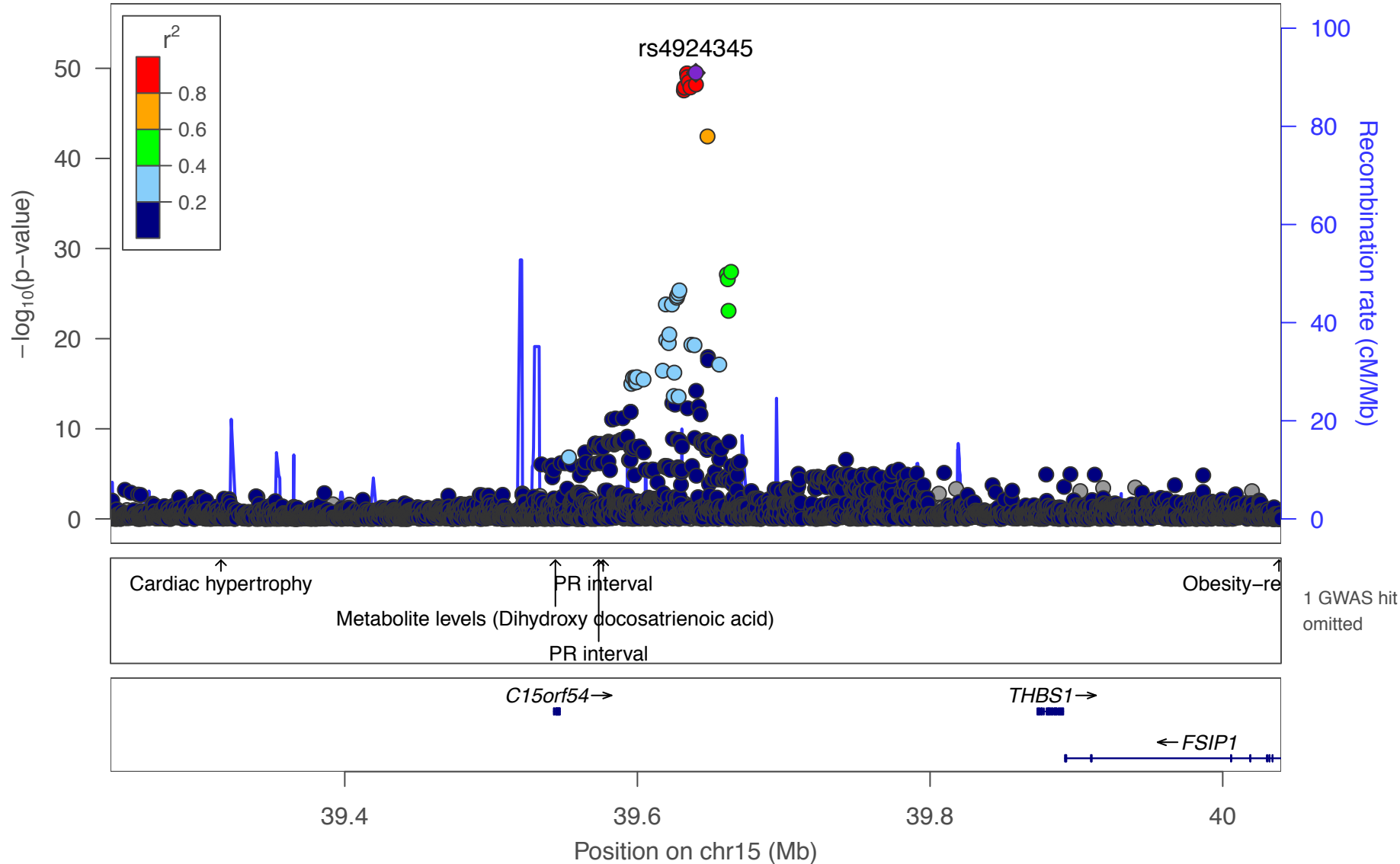
max P.value: 9.99E–1 [chr15:39600386]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

a2009s_rh_S_central_area



date: Thu Aug 17 18:53:26 2017

build: hg19

display range: chr15:39239898–40039898 [39239898–40039898]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:39639898

number of SNPs plotted: 4344

min P.value: 3.15E–50 [chr15:39639898]

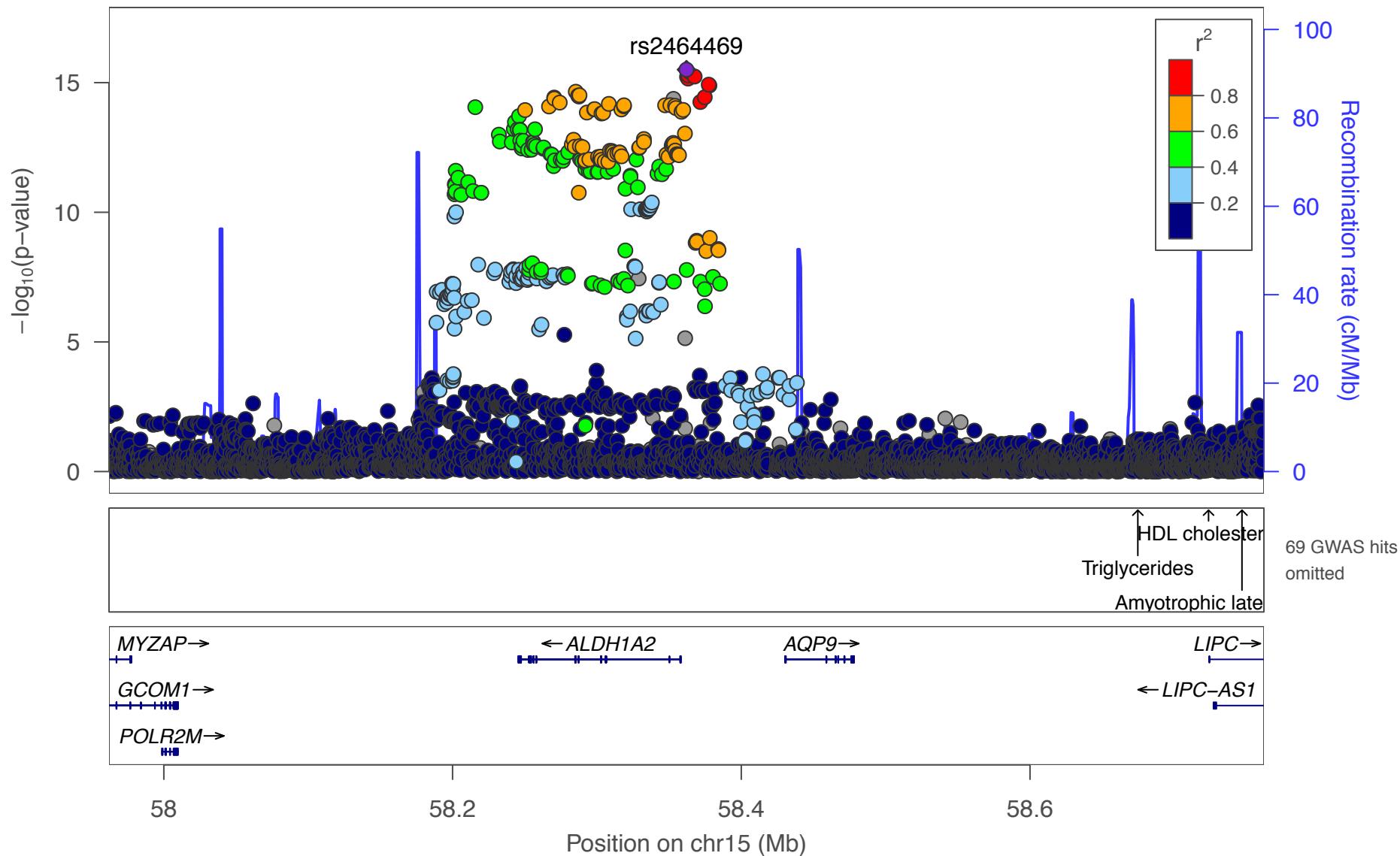
max P.value: 10E–1 [chr15:39507763]

omitted GWAS Hits: NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	39.31536	Cardiac hypertrophy	rs12907914
15	39.34705	Parental extreme longevity (95 years and older)	rs78539969
15	39.54395	Metabolite levels (Dihydroxy docosatrienoic acid)	rs17691453
15	39.57353	PR interval	rs12595668
15	39.57656	PR interval	rs746265
15	40.03843	Obesity-related traits	rs8033957

volume_4th-Ventricle



date: Thu Aug 17 19:01:30 2017

build: hg19

display range: chr15:57962025–58762025 [57962025–58762025]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr15:58362025

number of SNPs plotted: 4625

min P.value: 3.16E–16 [chr15:58362025]

max P.value: 10E–1 [chr15:58464691]

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA
Make more plots at <http://csg.sph.umich.edu/locuszoom/>

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	58.00976	Seasonality	rs1808478
15	58.03386	Diisocyanate-induced asthma	rs487836
15	58.08062	Myopia (pathological)	rs1559777
15	58.08237	Diisocyanate-induced asthma	rs566767
15	58.08537	Post bronchodilator FEV1/FVC ratio	rs114831632
15	58.08889	Post bronchodilator FEV1/FVC ratio	rs149074315
15	58.08933	Post bronchodilator FEV1/FVC ratio	rs140526800
15	58.10059	Post bronchodilator FEV1/FVC ratio	rs145330511
15	58.10186	Post bronchodilator FEV1/FVC ratio	rs140949321
15	58.10198	Post bronchodilator FEV1/FVC ratio	rs148246786
15	58.10224	Post bronchodilator FEV1/FVC ratio	rs7164035
15	58.10423	Post bronchodilator FEV1/FVC ratio	rs146071159
15	58.10480	Post bronchodilator FEV1/FVC ratio	rs113870173
15	58.10503	Post bronchodilator FEV1/FVC ratio	rs115942227
15	58.21341	Hypertension	rs1550576
15	58.24680	Osteoarthritis (hand, severe)	rs3204689
15	58.25311	Barrett's esophagus	rs3784262
15	58.25311	Digestive system disease (Barrett's esophagus and esophageal adenocarcinoma combined)	rs3784262
15	58.26742	Barrett's esophagus	rs66725070
15	58.36203	Barrett's esophagus or Esophageal adenocarcinoma	rs2464469
15	58.47198	Metabolite levels	rs16939881

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	58.55169	Stroke	rs4471613
15	58.55169	Ischemic stroke	rs4471613
15	58.57497	Metabolite levels (lipoprotein measures)	rs56050415
15	58.63558	Cognitive performance	rs4775031
15	58.67177	Cholesterol, total	rs1601935
15	58.67467	Non–small cell lung cancer	rs539901
15	58.67469	Triglycerides	rs4775041
15	58.67469	Metabolite levels	rs4775041
15	58.67469	HDL cholesterol	rs4775041
15	58.67789	Gout	rs187775
15	58.67851	HDL cholesterol	rs10468017
15	58.67851	Cardiovascular disease risk factors	rs10468017
15	58.67851	Metabolic syndrome (bivariate traits)	rs10468017
15	58.67851	Age–related macular degeneration	rs10468017
15	58.67851	Phospholipid levels (plasma)	rs10468017
15	58.67851	Blood metabolite levels	rs10468017
15	58.68018	HDL cholesterol	rs261291
15	58.68064	Lipid metabolism phenotypes	rs35853021
15	58.68095	Metabolic syndrome (bivariate traits)	rs2043085
15	58.68095	Lipid traits	rs2043085
15	58.68095	Advanced age–related macular degeneration	rs2043085

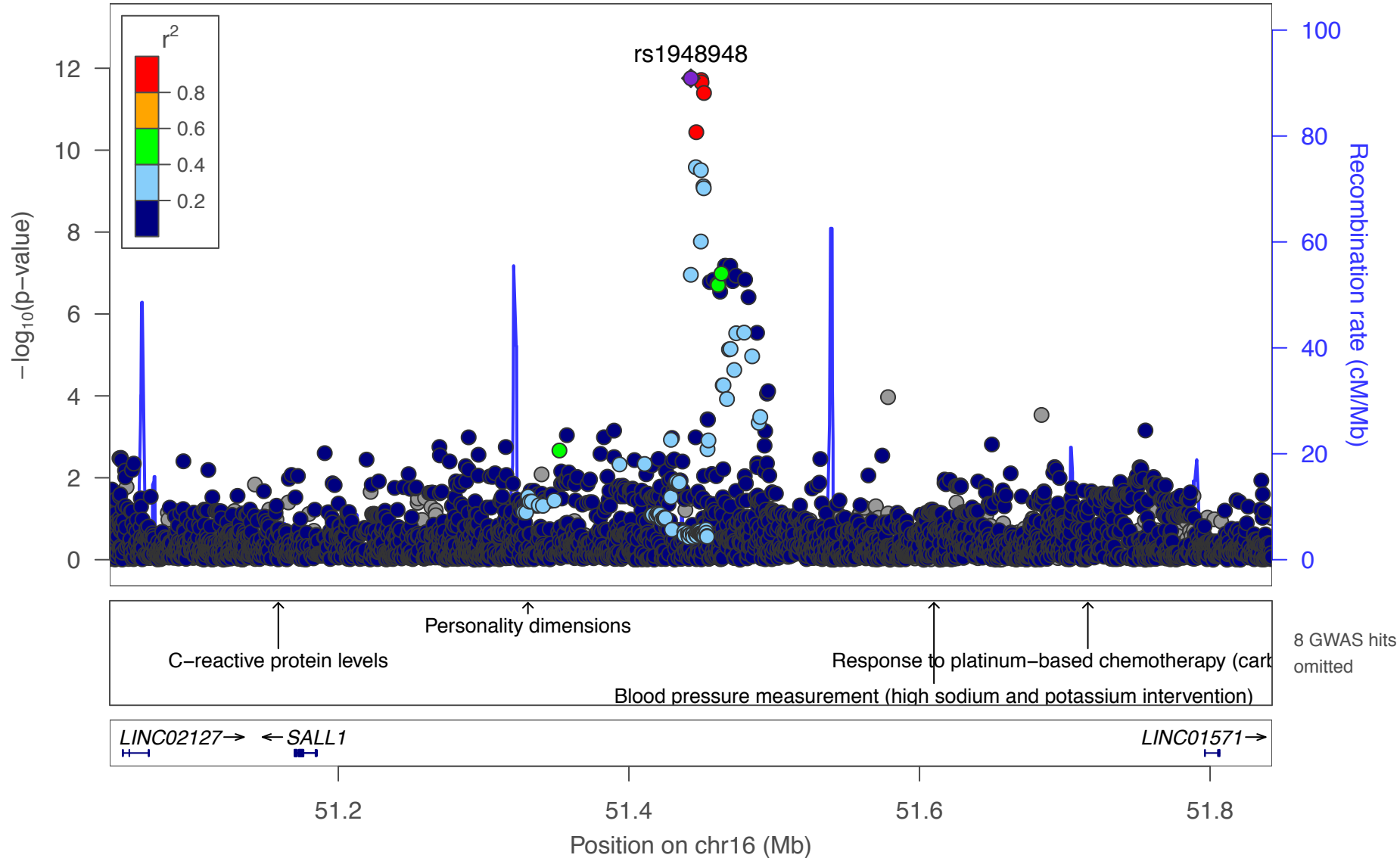
GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	58.68337	HDL cholesterol	rs1532085
15	58.68337	Cholesterol, total	rs1532085
15	58.68337	Triglycerides	rs1532085
15	58.68337	Metabolic syndrome	rs1532085
15	58.68337	Lipid metabolism phenotypes	rs1532085
15	58.68337	Red blood cell traits	rs1532085
15	58.68337	Metabolite levels	rs1532085
15	58.68337	Metabolite levels (lipoprotein measures)	rs1532085
15	58.68788	Age-related macular degeneration	rs493258
15	58.68847	Age-related macular degeneration	rs920915
15	58.69402	HDL cholesterol	rs16940212
15	58.71220	Obesity-related traits	rs11857380
15	58.72343	HDL cholesterol	rs1077835
15	58.72343	Triglycerides	rs1077835
15	58.72348	Hematological and biochemical traits	rs1077834
15	58.72348	C-reactive protein levels or HDL-cholesterol levels (pleiotropy)	rs1077834
15	58.72368	HDL cholesterol	rs1800588
15	58.72368	Triglycerides	rs1800588
15	58.72368	Cholesterol, total	rs1800588
15	58.72394	Blood metabolite levels	rs2070895
15	58.72394	Advanced age-related macular degeneration	rs2070895

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
15	58.72479	HDL cholesterol	rs8034802
15	58.72674	HDL cholesterol	rs261334
15	58.72674	Metabolite levels (lipoprotein measures)	rs261334
15	58.73050	Lipid traits	rs588136
15	58.73050	Blood metabolite levels	rs588136
15	58.73064	Alzheimer's disease (cognitive decline)	rs17301739
15	58.73115	Metabolite levels	rs261342
15	58.73842	Schizophrenia	rs12914626
15	58.74683	Amyotrophic lateral sclerosis	rs3825776

ProbtrackX_ISOVF_unc_I



date: Thu Aug 17 19:11:22 2017

build: hg19

display range: chr16:51042679–51842679 [51042679–51842679]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr16:51442679

number of SNPs plotted: 3808

min P.value: 1.75E–12 [chr16:51442679]

max P.value: 10E–1 [chr16:51602902]

omitted GWAS Hits: NA, NA

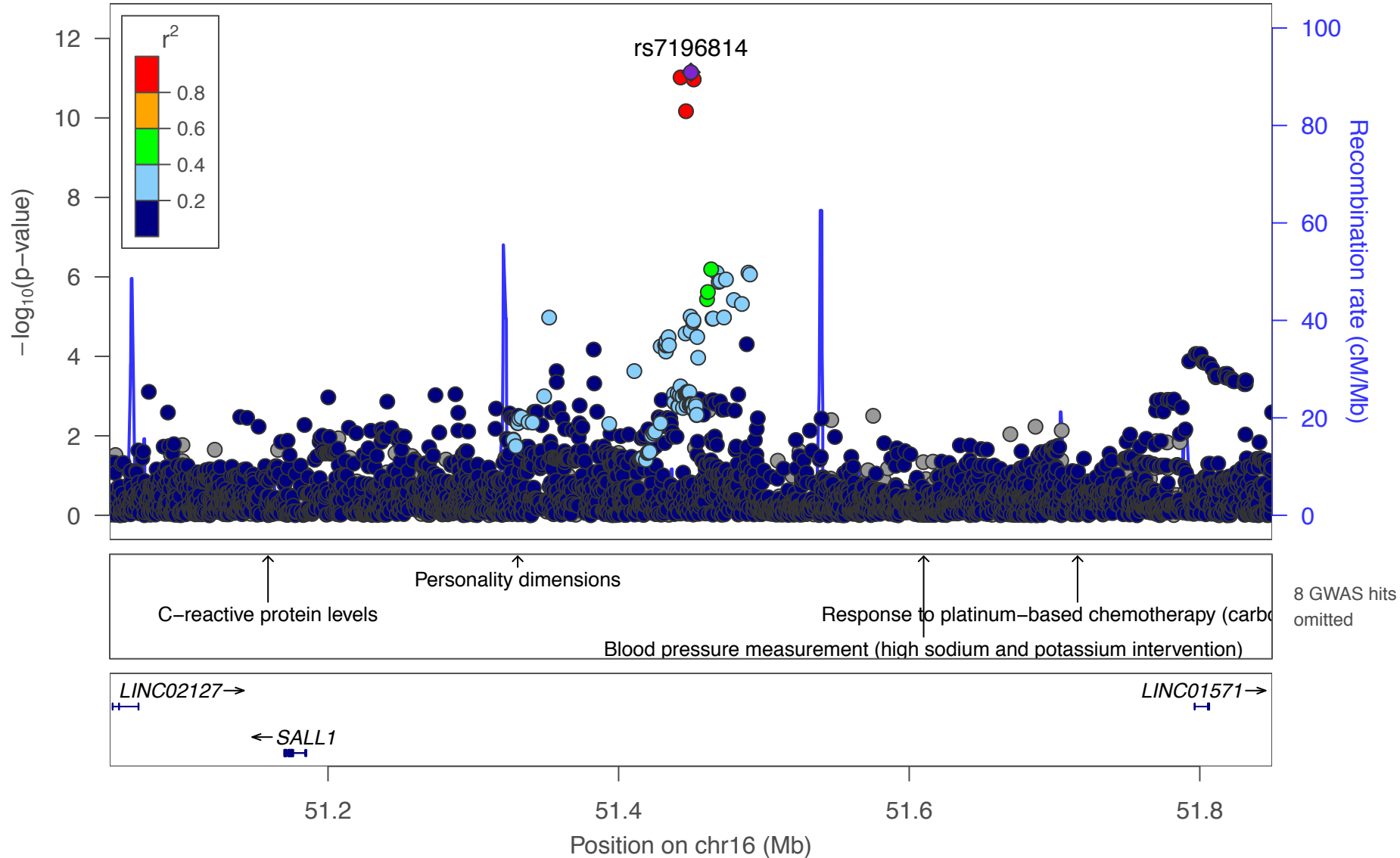
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
16	51.06153	Post bronchodilator FEV1/FVC ratio	rs147153117
16	51.15871	C-reactive protein levels	rs10521222
16	51.18373	Educational attainment (years of education)	rs11643654
16	51.24549	Weight loss (gastric bypass surgery)	rs7185923
16	51.33053	Personality dimensions	rs4131099
16	51.35748	Left superior temporal gyrus thickness (schizophrenia interaction)	rs17338034
16	51.42891	Optic cup area	rs11646917
16	51.45829	Optic disc parameters	rs1362756
16	51.45829	Optic disc area	rs1362756
16	51.48232	Vertical cup-disc ratio	rs1345467
16	51.60995	Blood pressure measurement (high sodium and potassium intervention)	rs2030114
16	51.71587	Response to platinum-based chemotherapy (carboplatin)	rs1381451

ProbtrackX_MD_unc_r



date: Thu Aug 17 19:11:44 2017

build: hg19

display range: chr16:51049760–51849760 [51049760–51849760]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr16:51449760

number of SNPs plotted: 3808

min P.value: 7.11E–12 [chr16:51449760]

max P.value: 10E–1 [chr16:51818989]

omitted GWAS Hits: NA, NA

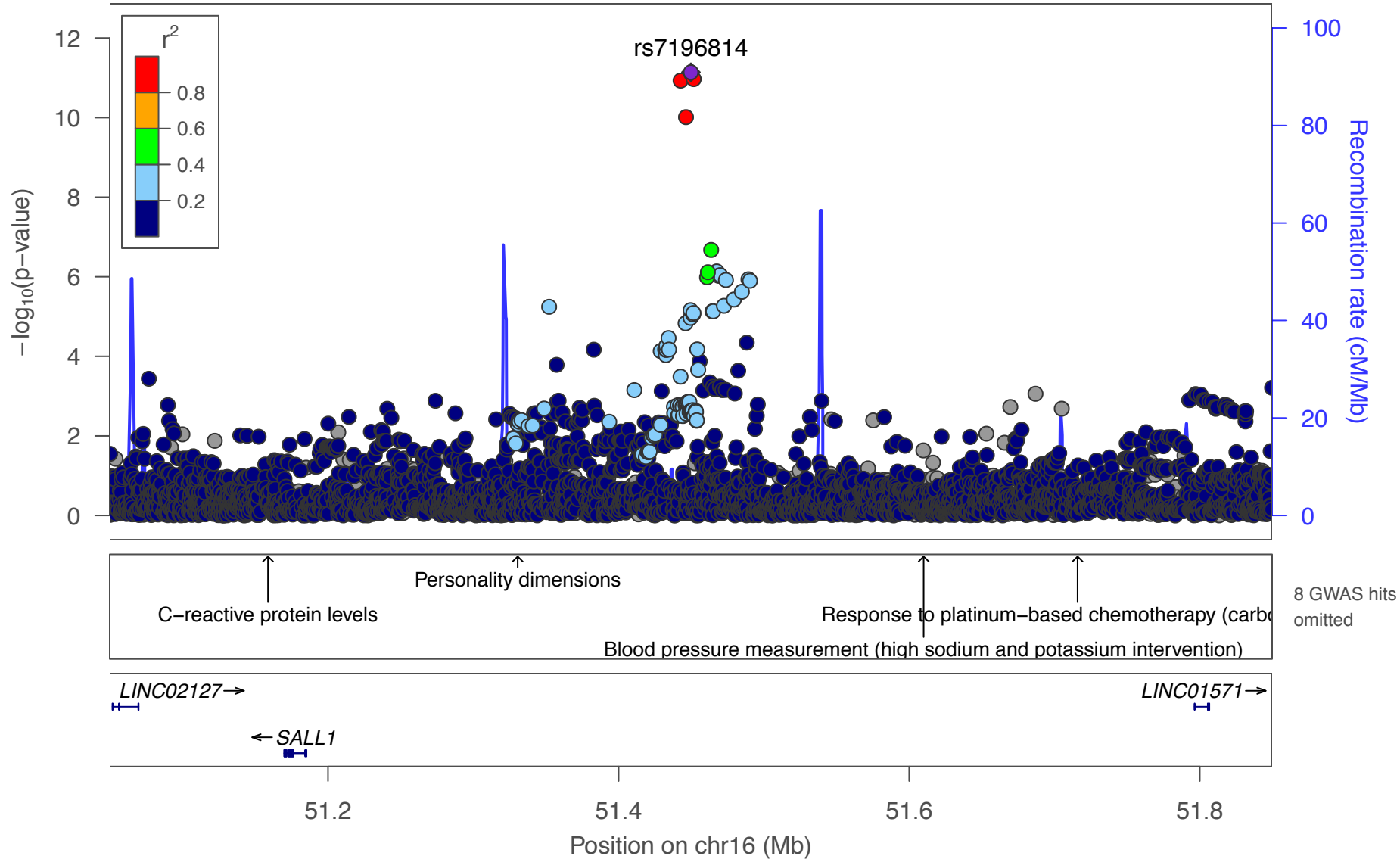
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
16	51.06153	Post bronchodilator FEV1/FVC ratio	rs147153117
16	51.15871	C-reactive protein levels	rs10521222
16	51.18373	Educational attainment (years of education)	rs11643654
16	51.24549	Weight loss (gastric bypass surgery)	rs7185923
16	51.33053	Personality dimensions	rs4131099
16	51.35748	Left superior temporal gyrus thickness (schizophrenia interaction)	rs17338034
16	51.42891	Optic cup area	rs11646917
16	51.45829	Optic disc parameters	rs1362756
16	51.45829	Optic disc area	rs1362756
16	51.48232	Vertical cup-disc ratio	rs1345467
16	51.60995	Blood pressure measurement (high sodium and potassium intervention)	rs2030114
16	51.71587	Response to platinum-based chemotherapy (carboplatin)	rs1381451

ProbtrackX_L3_unc_r



date: Thu Aug 17 18:52:05 2017

build: hg19

display range: chr16:51049760–51849760 [51049760–51849760]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr16:51449760

number of SNPs plotted: 3808

min P.value: 7.28E–12 [chr16:51449760]

max P.value: 10E–1 [chr16:51142360]

omitted GWAS Hits: NA, NA

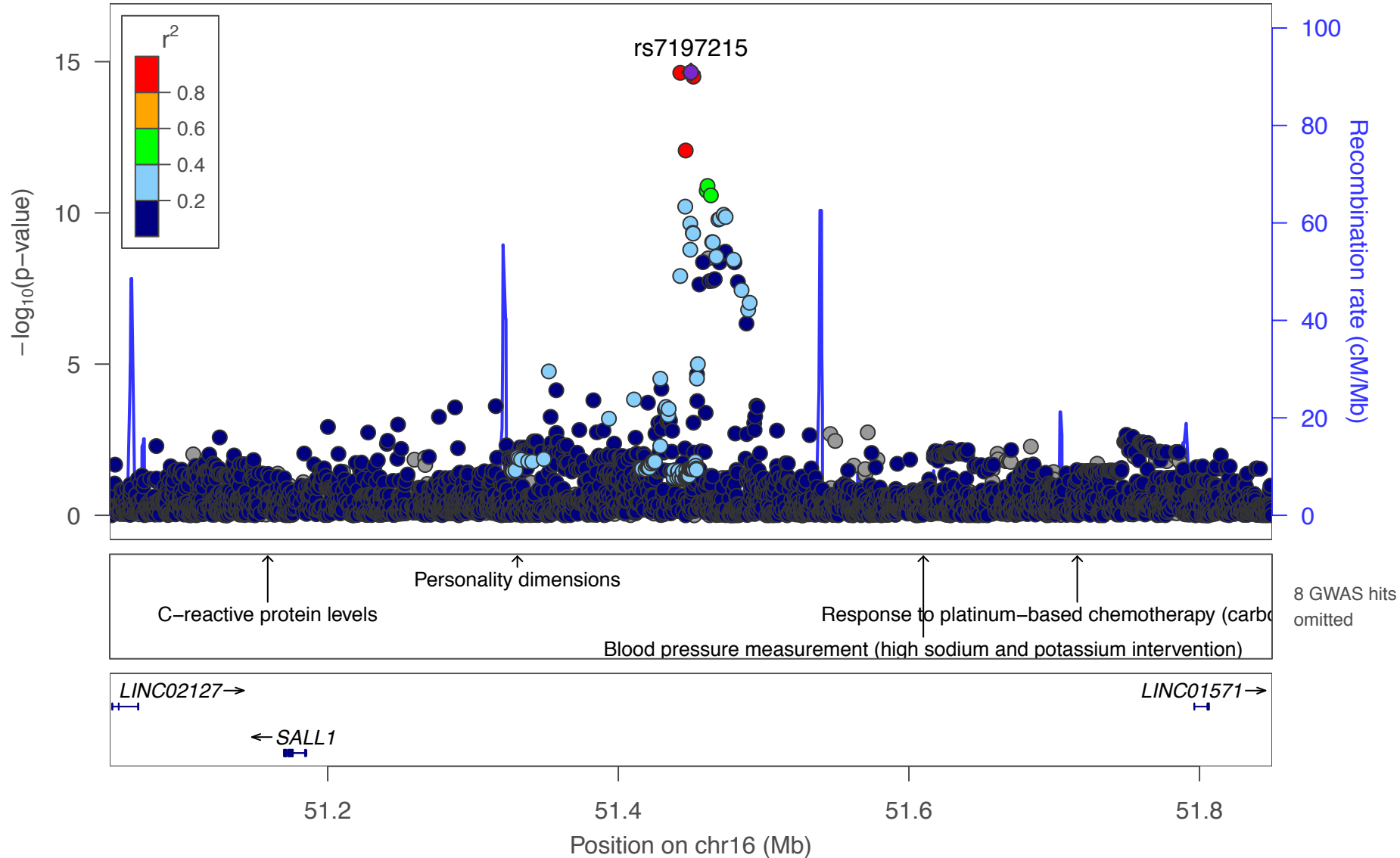
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
16	51.06153	Post bronchodilator FEV1/FVC ratio	rs147153117
16	51.15871	C-reactive protein levels	rs10521222
16	51.18373	Educational attainment (years of education)	rs11643654
16	51.24549	Weight loss (gastric bypass surgery)	rs7185923
16	51.33053	Personality dimensions	rs4131099
16	51.35748	Left superior temporal gyrus thickness (schizophrenia interaction)	rs17338034
16	51.42891	Optic cup area	rs11646917
16	51.45829	Optic disc parameters	rs1362756
16	51.45829	Optic disc area	rs1362756
16	51.48232	Vertical cup-disc ratio	rs1345467
16	51.60995	Blood pressure measurement (high sodium and potassium intervention)	rs2030114
16	51.71587	Response to platinum-based chemotherapy (carboplatin)	rs1381451

ProbtrackX_ISOVF_unc_r



date: Thu Aug 17 18:52:16 2017

build: hg19

display range: chr16:51049978–51849978 [51049978–51849978]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr16:51449978

number of SNPs plotted: 3805

min P.value: 2.24E–15 [chr16:51449978]

max P.value: 10E–1 [chr16:51130463]

omitted GWAS Hits: NA, NA

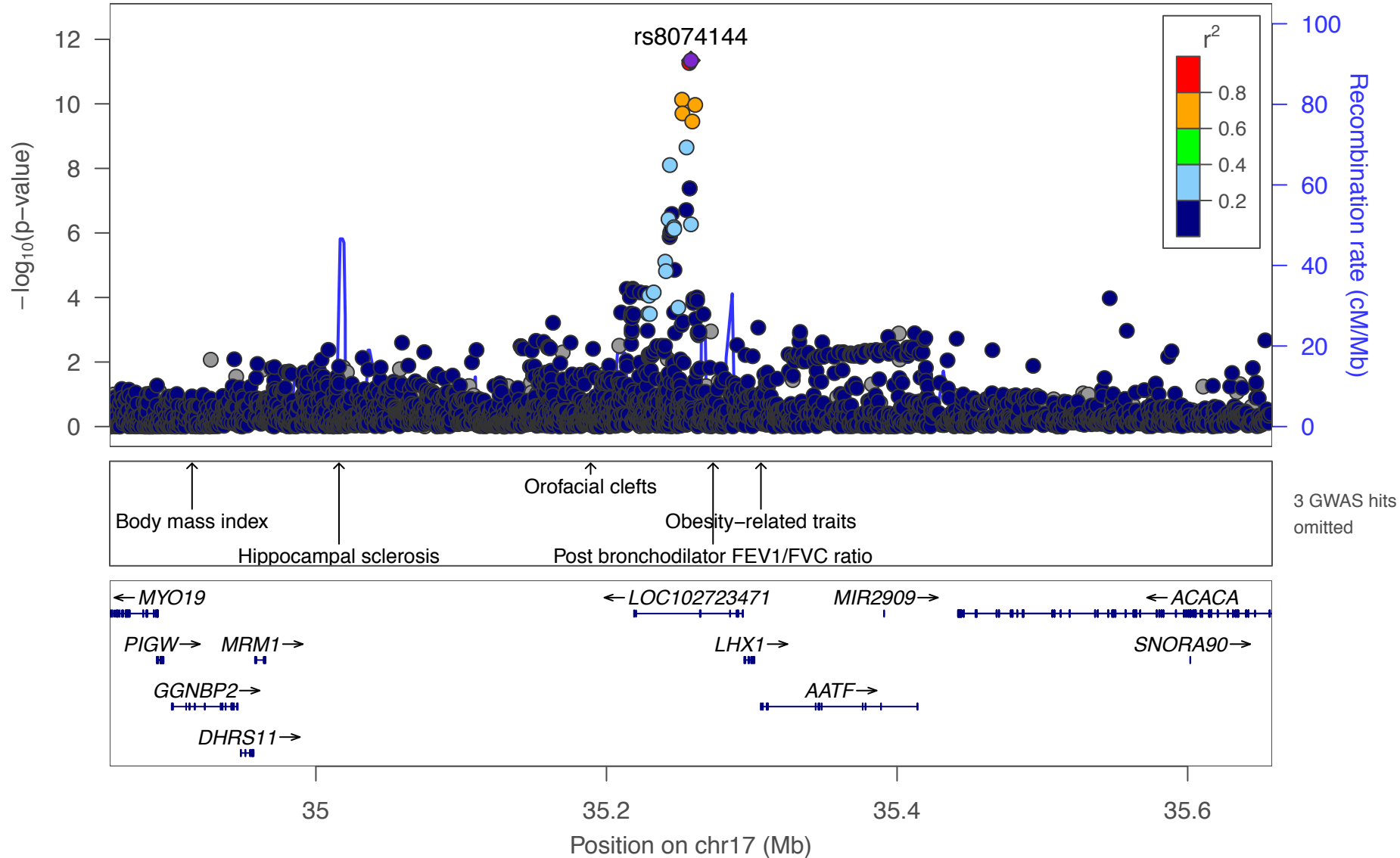
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
16	51.06153	Post bronchodilator FEV1/FVC ratio	rs147153117
16	51.15871	C-reactive protein levels	rs10521222
16	51.18373	Educational attainment (years of education)	rs11643654
16	51.24549	Weight loss (gastric bypass surgery)	rs7185923
16	51.33053	Personality dimensions	rs4131099
16	51.35748	Left superior temporal gyrus thickness (schizophrenia interaction)	rs17338034
16	51.42891	Optic cup area	rs11646917
16	51.45829	Optic disc parameters	rs1362756
16	51.45829	Optic disc area	rs1362756
16	51.48232	Vertical cup-disc ratio	rs1345467
16	51.60995	Blood pressure measurement (high sodium and potassium intervention)	rs2030114
16	51.71587	Response to platinum-based chemotherapy (carboplatin)	rs1381451

FAST_ROIs_V_cerebellum_IX



date: Thu Aug 17 19:10:54 2017

build: hg19

display range: chr17:34858114–35658114 [34858114–35658114]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:35258114

number of SNPs plotted: 3369

min P.value: 4.5E–12 [chr17:35258114]

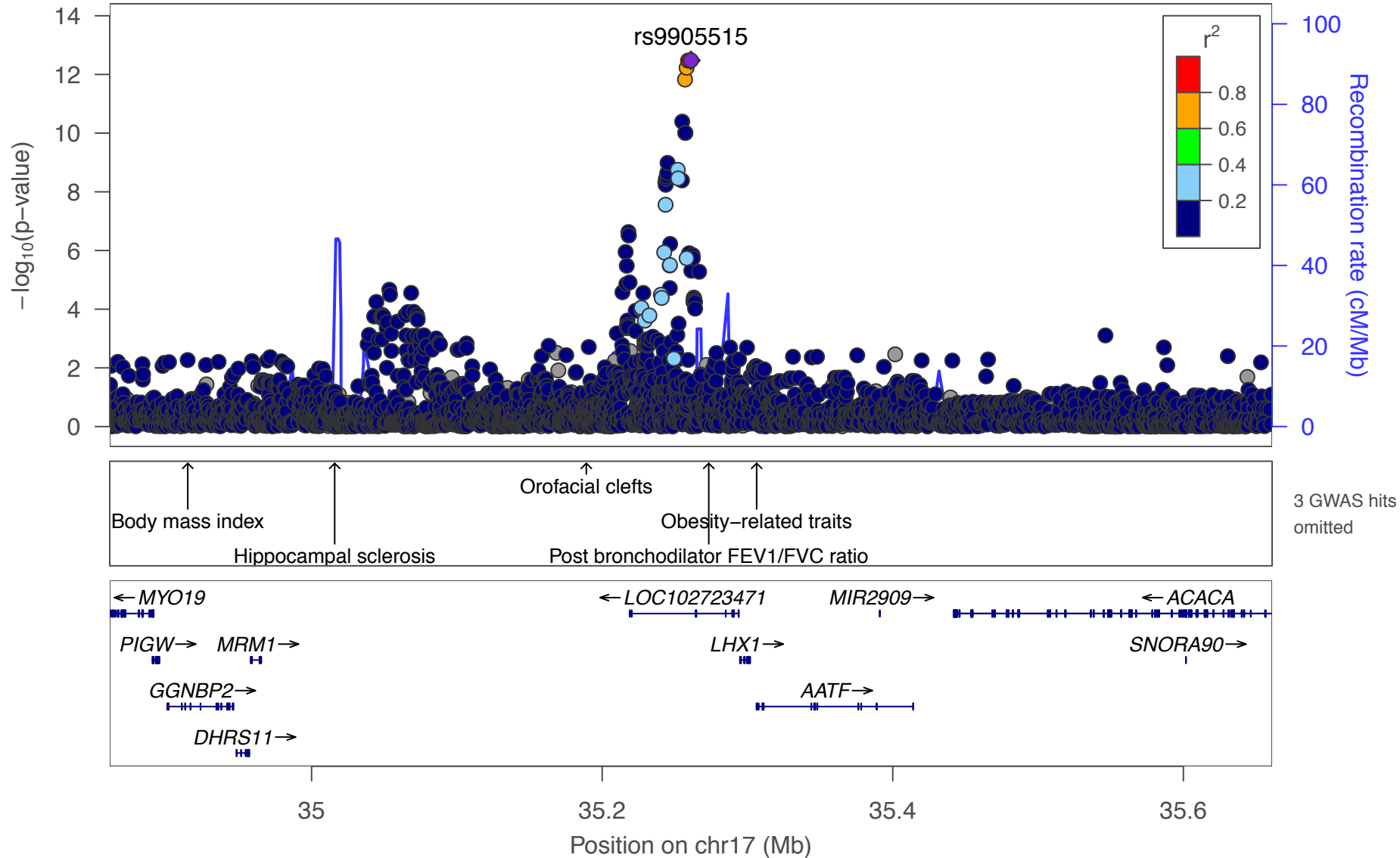
max P.value: 10E–1 [chr17:35195623]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	34.91479	Body mass index	rs12150665
17	35.01590	Hippocampal sclerosis	rs12950363
17	35.18200	Obstructive sleep apnea trait (apnea hipopnea index)	rs4796285
17	35.18909	Orofacial clefts	rs17138064
17	35.27092	Post bronchodilator FEV1/FVC ratio	rs55955238
17	35.27334	Post bronchodilator FEV1/FVC ratio	rs2003347
17	35.27428	Post bronchodilator FEV1/FVC ratio	rs12185265
17	35.30631	Obesity-related traits	rs2306658

FAST_ROIs_L_cerebellum_IX



date: Thu Aug 17 19:10:55 2017

build: hg19

display range: chr17:34861073–35661073 [34861073–35661073]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:35261073

number of SNPs plotted: 3367

min P.value: 3.32E–13 [chr17:35261073]

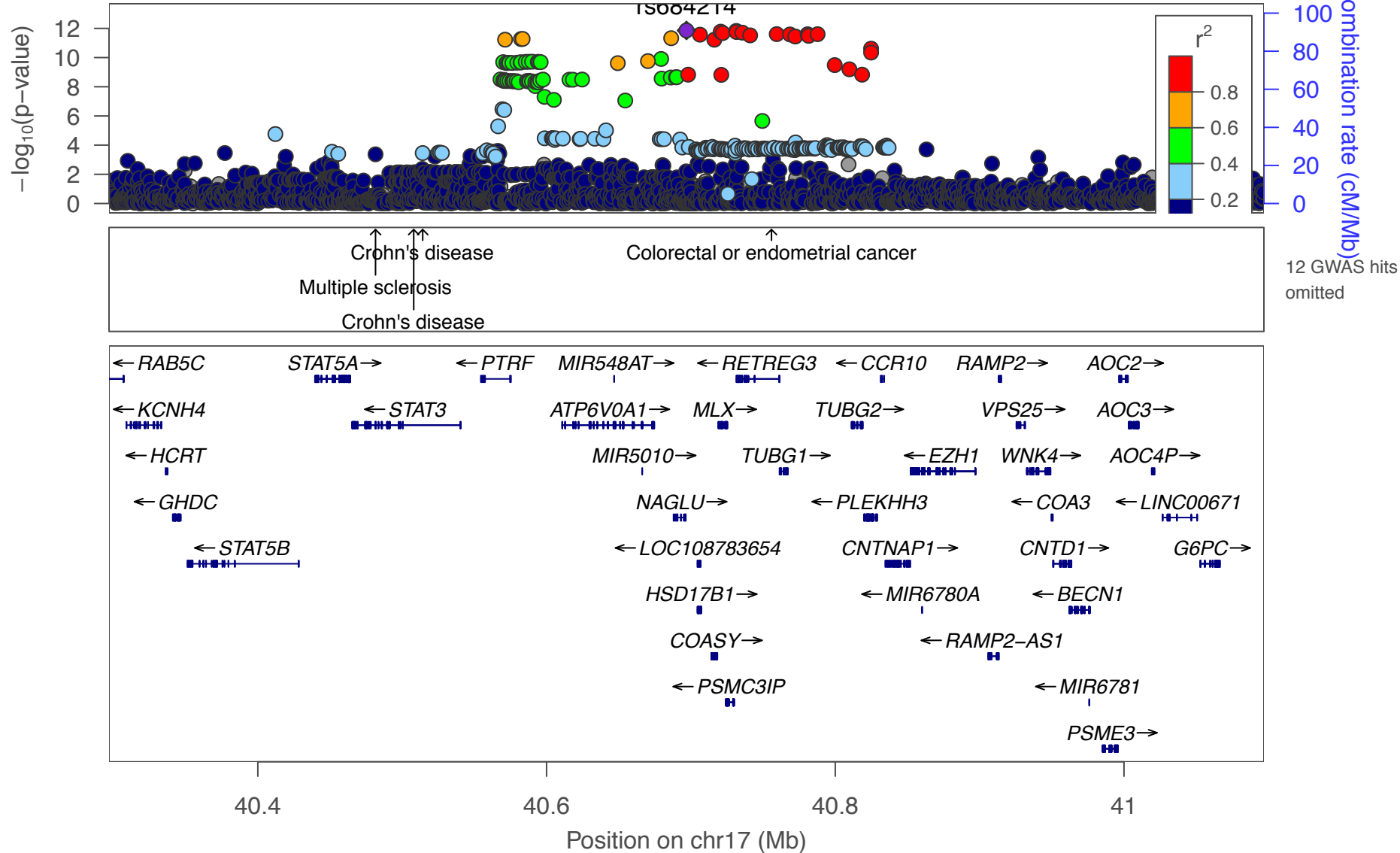
max P.value: 9.99E–1 [chr17:35070327]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	34.91479	Body mass index	rs12150665
17	35.01590	Hippocampal sclerosis	rs12950363
17	35.18200	Obstructive sleep apnea trait (apnea hipopnea index)	rs4796285
17	35.18909	Orofacial clefts	rs17138064
17	35.27092	Post bronchodilator FEV1/FVC ratio	rs55955238
17	35.27334	Post bronchodilator FEV1/FVC ratio	rs2003347
17	35.27428	Post bronchodilator FEV1/FVC ratio	rs12185265
17	35.30631	Obesity-related traits	rs2306658

SWI_T2star_left_caudate



date: Thu Aug 17 19:02:56 2017

build: hg19

display range: chr17:40296915–41096915 [40296915–41096915]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:40696915

number of SNPs plotted: 2522

min P.value: 1.38E–12 [chr17:40696915]

max P.value: 10E–1 [chr17:40698530]

omitted GWAS Hits: chr17:40.755811–Colorectal or endometrial cancer, NA

omitted GWAS Hits: NA, NA

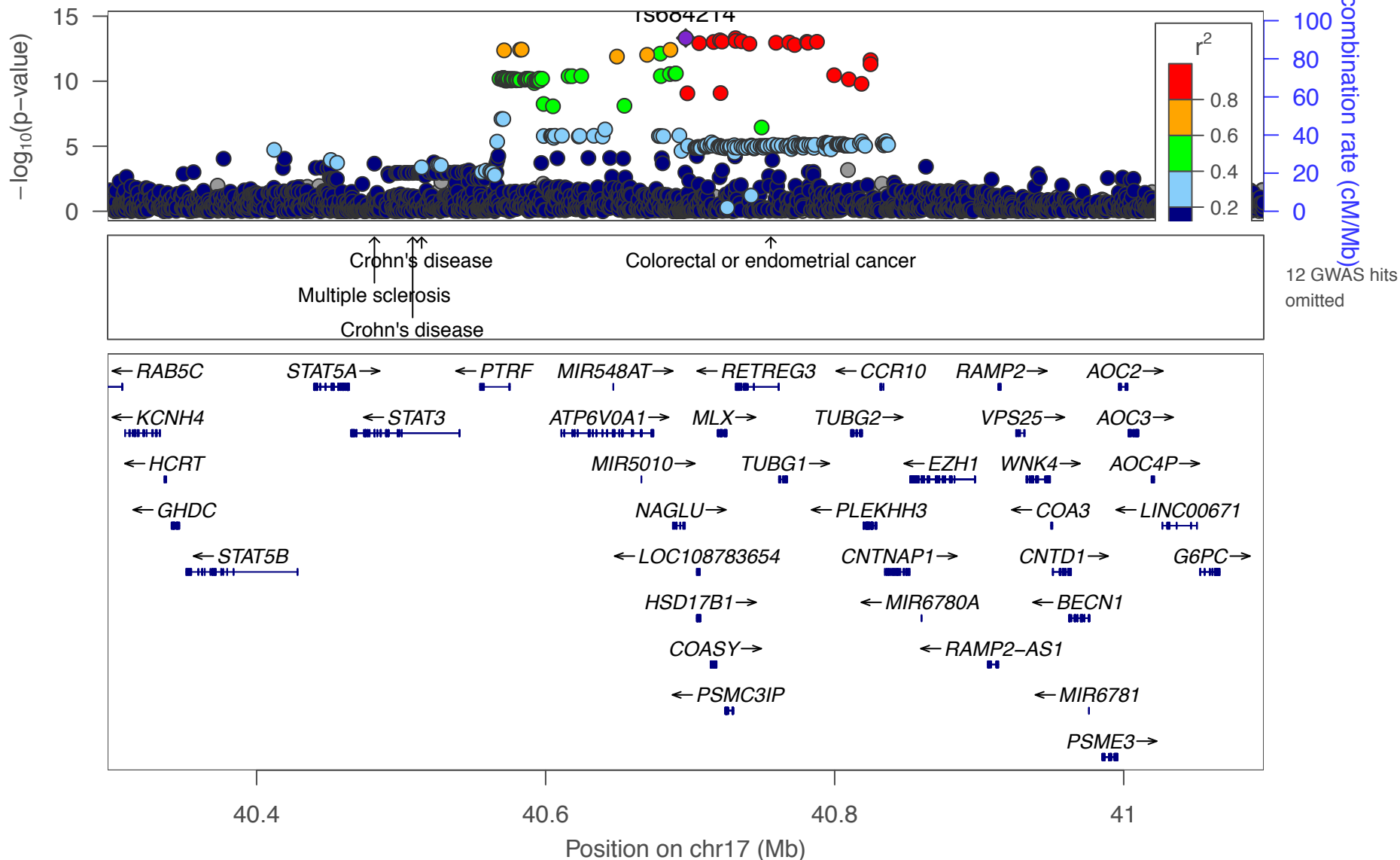
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	40.48153	Multiple sclerosis	rs2293152
17	40.48524	Atopic dermatitis	rs17881320
17	40.49953	Crohn's disease	rs6503695
17	40.50798	Crohn's disease	rs9891119
17	40.50798	Multiple sclerosis	rs9891119
17	40.51420	Crohn's disease	rs744166
17	40.51420	Multiple sclerosis	rs744166
17	40.51420	Inflammatory bowel disease	rs744166
17	40.52754	Ulcerative colitis	rs12942547
17	40.52754	Crohn's disease	rs12942547
17	40.52754	Inflammatory bowel disease	rs12942547
17	40.54221	Atopic dermatitis	rs4796793
17	40.56504	Psoriasis	rs56364076
17	40.57077	Crohn's disease	rs11871801
17	40.69334	Systolic blood pressure change trajectories	rs630539
17	40.75581	Colorectal or endometrial cancer	rs9901225

SWI_T2star_left_caudate_plus_right_caudate



date: Thu Aug 17 19:03:05 2017

build: hg19

display range: chr17:40296915–41096915 [40296915–41096915]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:40696915

number of SNPs plotted: 2522

min P.value: 4.78E–14 [chr17:40696915]

max P.value: 10E–1 [chr17:40880002]

omitted GWAS Hits: chr17:40.755811–Colorectal or endometrial cancer, NA

omitted GWAS Hits: NA, NA

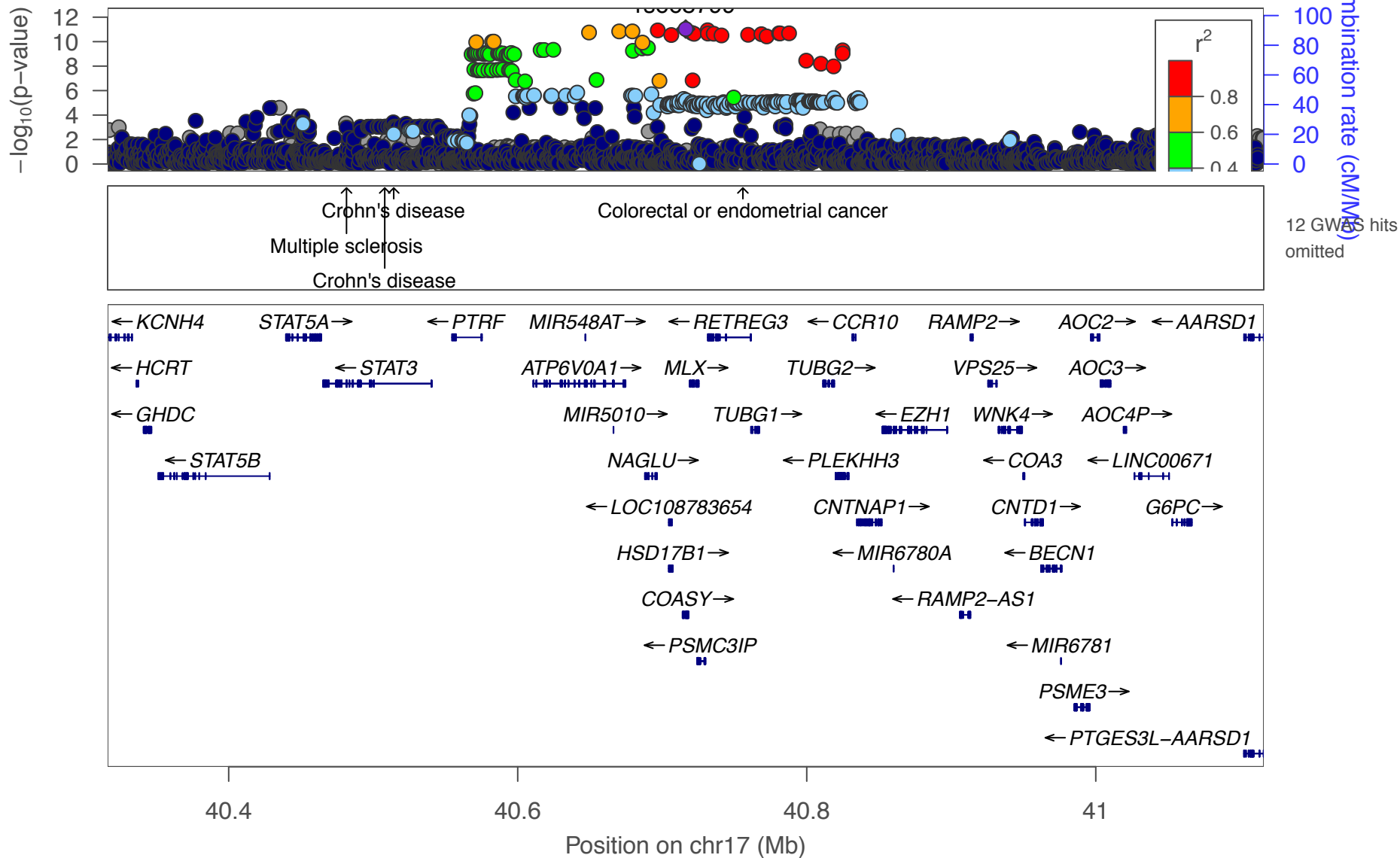
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	40.48153	Multiple sclerosis	rs2293152
17	40.48524	Atopic dermatitis	rs17881320
17	40.49953	Crohn's disease	rs6503695
17	40.50798	Crohn's disease	rs9891119
17	40.50798	Multiple sclerosis	rs9891119
17	40.51420	Crohn's disease	rs744166
17	40.51420	Multiple sclerosis	rs744166
17	40.51420	Inflammatory bowel disease	rs744166
17	40.52754	Ulcerative colitis	rs12942547
17	40.52754	Crohn's disease	rs12942547
17	40.52754	Inflammatory bowel disease	rs12942547
17	40.54221	Atopic dermatitis	rs4796793
17	40.56504	Psoriasis	rs56364076
17	40.57077	Crohn's disease	rs11871801
17	40.69334	Systolic blood pressure change trajectories	rs630539
17	40.75581	Colorectal or endometrial cancer	rs9901225

SWI_T2star_right_caudate



date: Thu Aug 17 19:17:10 2017

build: hg19

display range: chr17:40316235–41116235 [40316235–41116235]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:40716235

number of SNPs plotted: 2501

min P.value: 9.33E–12 [chr17:40716235]

max P.value: 10E–1 [chr17:40892181]

omitted GWAS Hits: chr17:40.755811–Colorectal or endometrial cancer, NA

omitted GWAS Hits: NA, NA

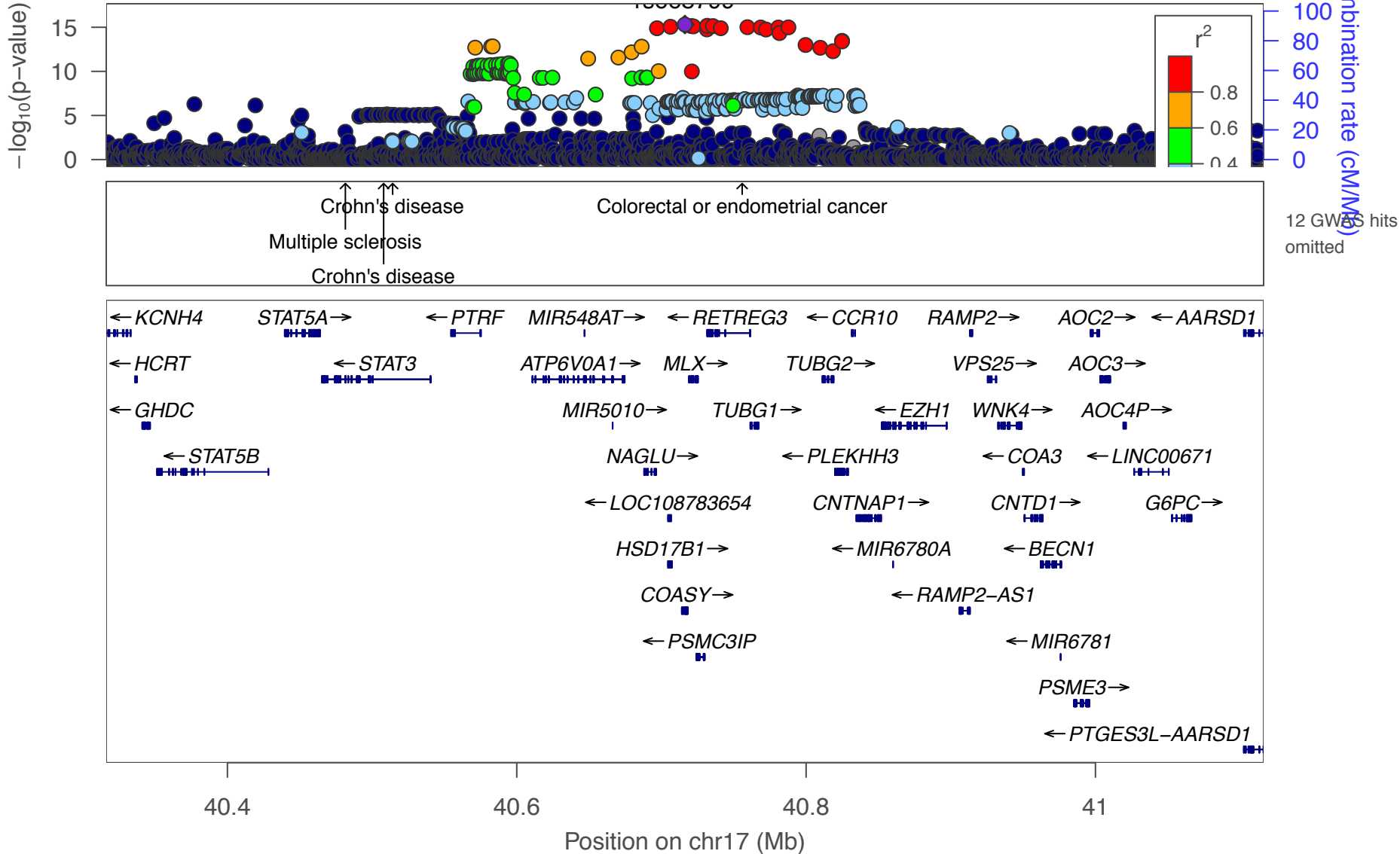
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	40.48153	Multiple sclerosis	rs2293152
17	40.48524	Atopic dermatitis	rs17881320
17	40.49953	Crohn's disease	rs6503695
17	40.50798	Crohn's disease	rs9891119
17	40.50798	Multiple sclerosis	rs9891119
17	40.51420	Crohn's disease	rs744166
17	40.51420	Multiple sclerosis	rs744166
17	40.51420	Inflammatory bowel disease	rs744166
17	40.52754	Ulcerative colitis	rs12942547
17	40.52754	Crohn's disease	rs12942547
17	40.52754	Inflammatory bowel disease	rs12942547
17	40.54221	Atopic dermatitis	rs4796793
17	40.56504	Psoriasis	rs56364076
17	40.57077	Crohn's disease	rs11871801
17	40.69334	Systolic blood pressure change trajectories	rs630539
17	40.75581	Colorectal or endometrial cancer	rs9901225

SWI_T2star_left_putamen



date: Thu Aug 17 19:17:10 2017

build: hg19

display range: chr17:40316235–41116235 [40316235–41116235]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:40716235

number of SNPs plotted: 2501

min P.value: 4.91E–16 [chr17:40716235]

max P.value: 9.99E–1 [chr17:40910657]

omitted GWAS Hits: chr17:40.755811–Colorectal or endometrial cancer, NA

omitted GWAS Hits: NA, NA

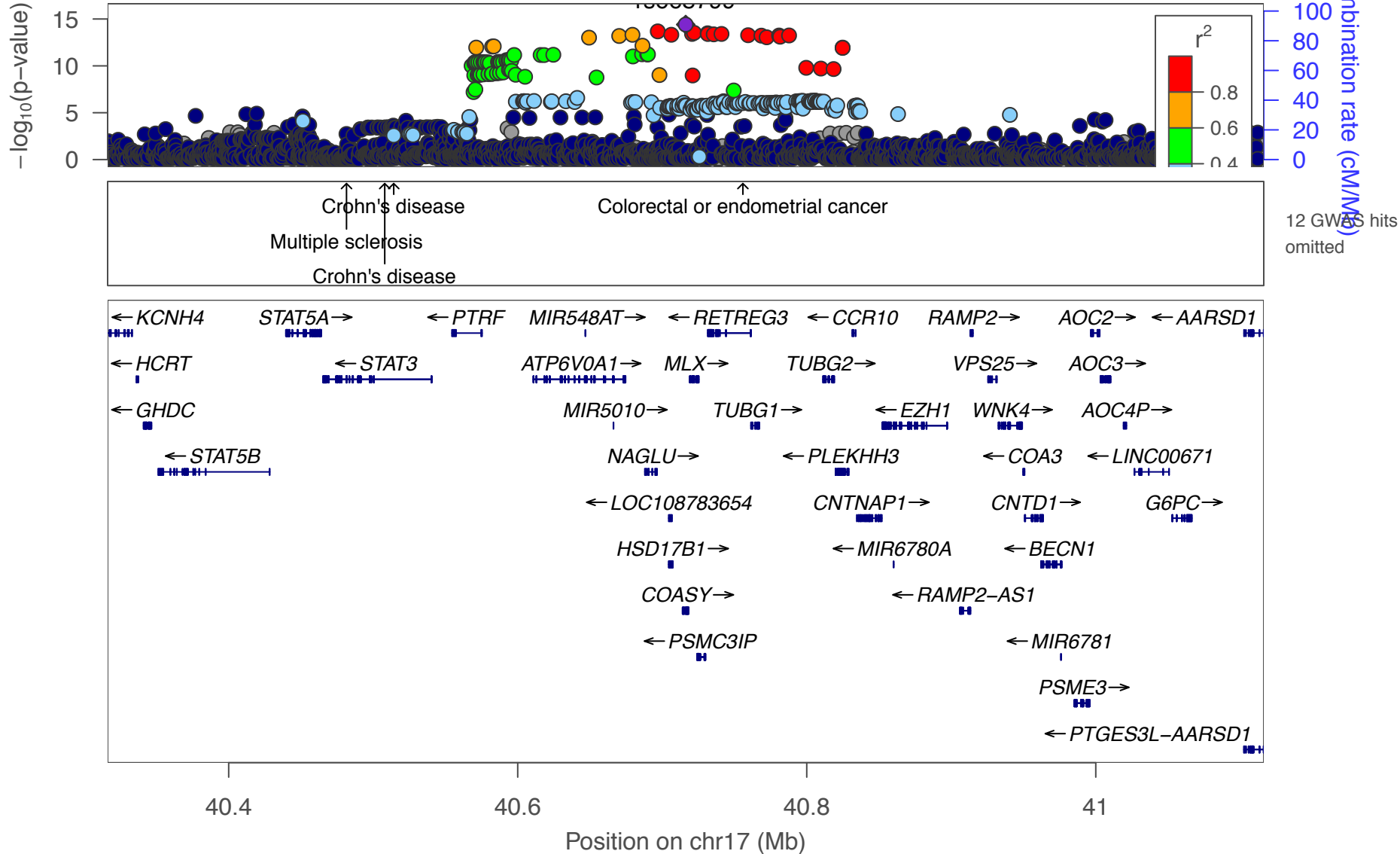
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	40.48153	Multiple sclerosis	rs2293152
17	40.48524	Atopic dermatitis	rs17881320
17	40.49953	Crohn's disease	rs6503695
17	40.50798	Crohn's disease	rs9891119
17	40.50798	Multiple sclerosis	rs9891119
17	40.51420	Crohn's disease	rs744166
17	40.51420	Multiple sclerosis	rs744166
17	40.51420	Inflammatory bowel disease	rs744166
17	40.52754	Ulcerative colitis	rs12942547
17	40.52754	Crohn's disease	rs12942547
17	40.52754	Inflammatory bowel disease	rs12942547
17	40.54221	Atopic dermatitis	rs4796793
17	40.56504	Psoriasis	rs56364076
17	40.57077	Crohn's disease	rs11871801
17	40.69334	Systolic blood pressure change trajectories	rs630539
17	40.75581	Colorectal or endometrial cancer	rs9901225

SWI_T2star_right_putamen



date: Thu Aug 17 19:04:35 2017

build: hg19

display range: chr17:40316235–41116235 [40316235–41116235]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:40716235

number of SNPs plotted: 2501

min P.value: 3.9E–15 [chr17:40716235]

max P.value: 10E–1 [chr17:40916235]

omitted GWAS Hits: chr17:40.755811–Colorectal or endometrial cancer, NA

omitted GWAS Hits: NA, NA

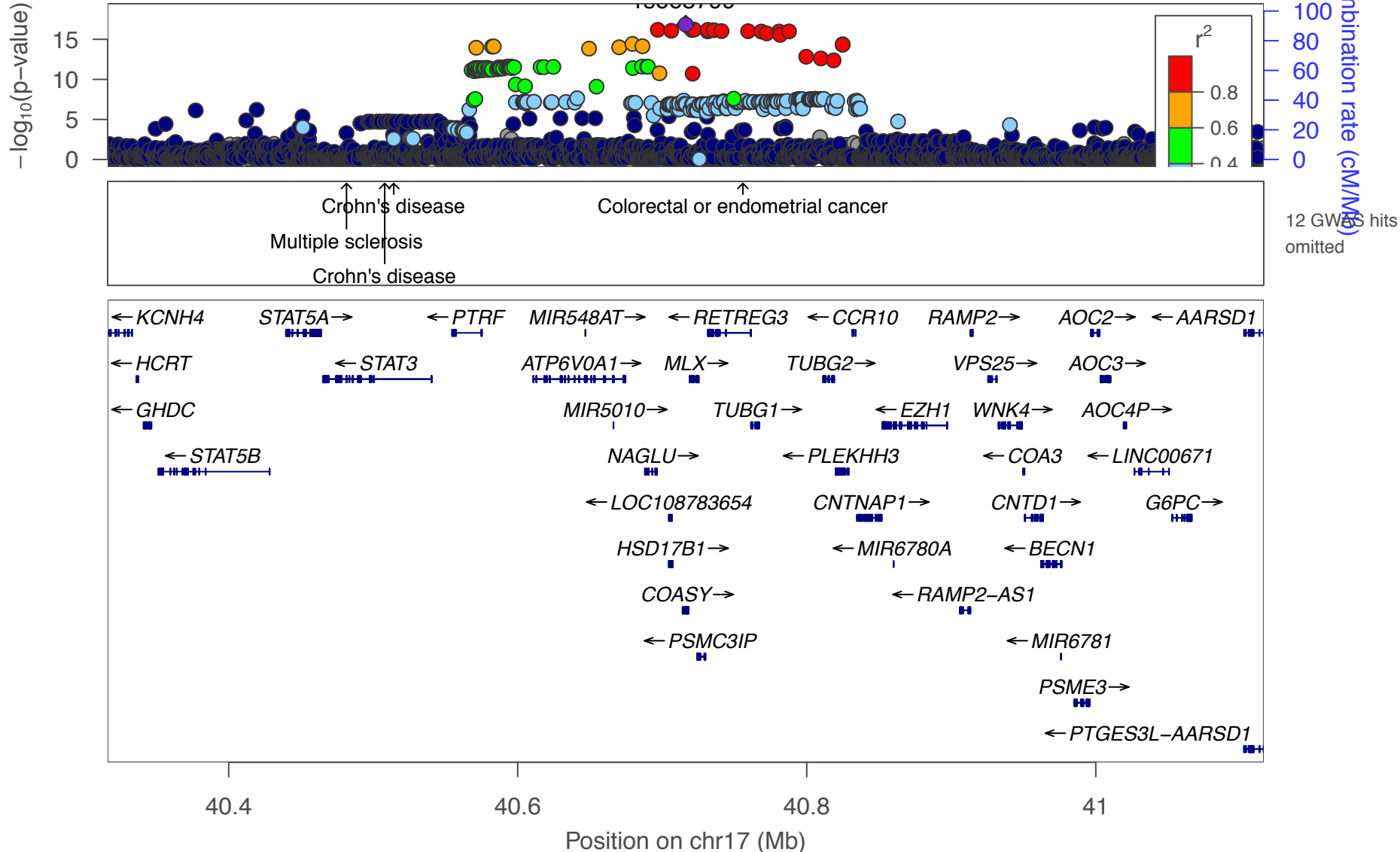
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	40.48153	Multiple sclerosis	rs2293152
17	40.48524	Atopic dermatitis	rs17881320
17	40.49953	Crohn's disease	rs6503695
17	40.50798	Crohn's disease	rs9891119
17	40.50798	Multiple sclerosis	rs9891119
17	40.51420	Crohn's disease	rs744166
17	40.51420	Multiple sclerosis	rs744166
17	40.51420	Inflammatory bowel disease	rs744166
17	40.52754	Ulcerative colitis	rs12942547
17	40.52754	Crohn's disease	rs12942547
17	40.52754	Inflammatory bowel disease	rs12942547
17	40.54221	Atopic dermatitis	rs4796793
17	40.56504	Psoriasis	rs56364076
17	40.57077	Crohn's disease	rs11871801
17	40.69334	Systolic blood pressure change trajectories	rs630539
17	40.75581	Colorectal or endometrial cancer	rs9901225

SWI_T2star_left_putamen_plus_right_putamen



date: Thu Aug 17 19:04:35 2017

build: hg19

display range: chr17:40316235–41116235 [40316235–41116235]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:40716235

number of SNPs plotted: 2501

min P.value: 1.43E–17 [chr17:40716235]

max P.value: 10E–1 [chr17:40366396]

omitted GWAS Hits: chr17:40.755811–Colorectal or endometrial cancer, NA

omitted GWAS Hits: NA, NA

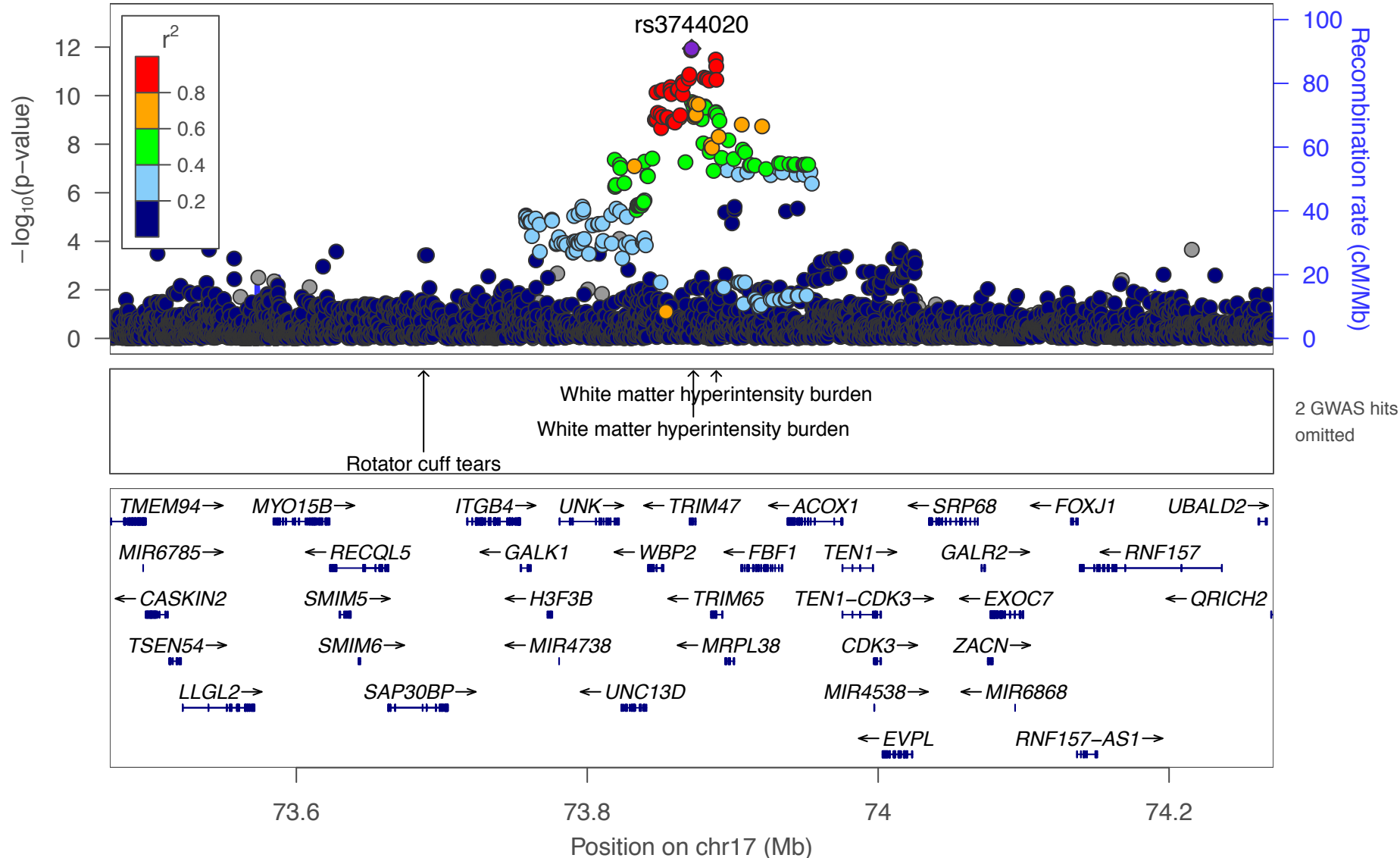
omitted GWAS Hits: NA, NA

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	40.48153	Multiple sclerosis	rs2293152
17	40.48524	Atopic dermatitis	rs17881320
17	40.49953	Crohn's disease	rs6503695
17	40.50798	Crohn's disease	rs9891119
17	40.50798	Multiple sclerosis	rs9891119
17	40.51420	Crohn's disease	rs744166
17	40.51420	Multiple sclerosis	rs744166
17	40.51420	Inflammatory bowel disease	rs744166
17	40.52754	Ulcerative colitis	rs12942547
17	40.52754	Crohn's disease	rs12942547
17	40.52754	Inflammatory bowel disease	rs12942547
17	40.54221	Atopic dermatitis	rs4796793
17	40.56504	Psoriasis	rs56364076
17	40.57077	Crohn's disease	rs11871801
17	40.69334	Systolic blood pressure change trajectories	rs630539
17	40.75581	Colorectal or endometrial cancer	rs9901225

T2_FLAIR_BIANCA_WMH_volume



date: Thu Aug 17 19:11:55 2017

build: hg19

display range: chr17:73471773–74271773 [73471773–74271773]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr17:73871773

number of SNPs plotted: 3811

min P.value: 1.15E–12 [chr17:73871773]

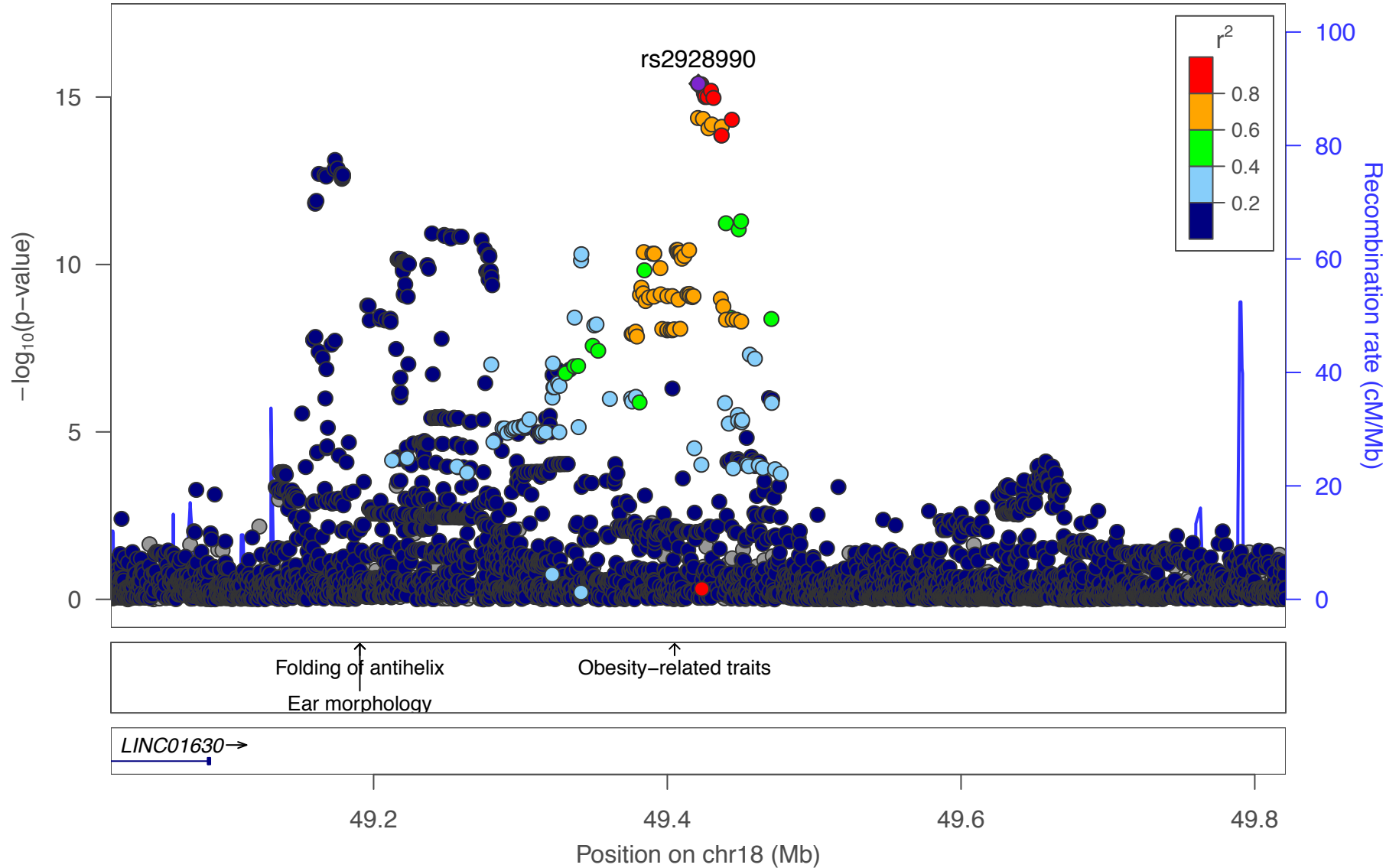
max P.value: 10E–1 [chr17:73572178]

omitted GWAS Hits: NA, NA

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
17	73.68749	Rotator cuff tears	rs820218
17	73.68829	Lip morphology	rs820217
17	73.87295	White matter hyperintensity burden	rs1055129
17	73.88215	White matter hyperintensity burden	rs7214628
17	73.88867	White matter hyperintensity burden	rs3744028

TBSS_MO_Pontine_crossing_tract



date: Thu Aug 17 19:01:51 2017

build: hg19

display range: chr18:49021125–49821125 [49021125–49821125]

hilite range: 0 – 0 [0 – 0]

reference SNP: chr18:49421125

number of SNPs plotted: 4230

min P.value: 3.97E–16 [chr18:49421125]

max P.value: 10E–1 [chr18:49667076]

GWAS Catalog SNPs in Region

chr	pos (Mb)	trait	snp
18	49.19064	Folding of antihelix	rs1619249
18	49.19064	Ear morphology	rs1619249
18	49.40496	Obesity-related traits	rs1351435