

Gene==>Cell\_type

ACSBG1==>Astrocyte

ACSL6==>Astrocyte

ADCYAP1R1==>Astrocyte

AGT==>Astrocyte

ALDOC==>Astrocyte

APOE==>Astrocyte

AQP4==>Astrocyte

ATP1A2==>Astrocyte

ATP1B2==>Astrocyte

BCAN==>Astrocyte

CHST2==>Astrocyte

CKB==>Astrocyte

CLU==>Astrocyte

DIO2==>Astrocyte

F3==>Astrocyte

FABP5==>Astrocyte

FABP7==>Astrocyte

FGFR3==>Astrocyte

GFAP==>Astrocyte

GJA1==>Astrocyte

GJB6==>Astrocyte

GLUD1==>Astrocyte

GPR37L1==>Astrocyte

GSTM1==>Astrocyte

ID2==>Astrocyte

IGSF1==>Astrocyte

LUZP2==>Astrocyte

MLC1==>Astrocyte

MYO6==>Astrocyte  
NDRG2==>Astrocyte  
NTSR2==>Astrocyte  
PLA2G7==>Astrocyte  
PPAP2B==>Astrocyte  
PRDX6==>Astrocyte  
RFX4==>Astrocyte  
SERPINE2==>Astrocyte  
SFXN5==>Astrocyte  
SLC1A2==>Astrocyte  
SLC1A3==>Astrocyte  
SLC4A4==>Astrocyte  
SLC6A1==>Astrocyte  
SLC6A11==>Astrocyte  
SLC7A11==>Astrocyte  
SOX9==>Astrocyte  
TIMP4==>Astrocyte  
TNC==>Astrocyte  
TRIL==>Astrocyte  
TSPAN7==>Astrocyte  
VCAM1==>Astrocyte  
ZBTB20==>Astrocyte  
9430020K01RIK==>Endothelial  
ABCB1A==>Endothelial  
ABLIM1==>Endothelial  
AFAP1L1==>Endothelial  
AHNAK==>Endothelial  
AKAP12==>Endothelial  
APOLD1==>Endothelial

ARHGAP29==>Endothelial

ARL4A==>Endothelial

BSG==>Endothelial

CAR4==>Endothelial

CAV1==>Endothelial

CCDC141==>Endothelial

CD34==>Endothelial

CD93==>Endothelial

CDKN1A==>Endothelial

CLDN5==>Endothelial

COL4A1==>Endothelial

CTLA2A==>Endothelial

CXCL12==>Endothelial

CYR61==>Endothelial

CYR1==>Endothelial

DUSP1==>Endothelial

DUSP6==>Endothelial

ECE1==>Endothelial

EGFL7==>Endothelial

ELTD1==>Endothelial

EMCN==>Endothelial

ESAM==>Endothelial

FLT1==>Endothelial

FN1==>Endothelial

GBP3==>Endothelial

GPR116==>Endothelial

GPX1==>Endothelial

GSTA4==>Endothelial

HMBS==>Endothelial

IGF1R==>Endothelial  
ITM2A==>Endothelial  
JUN==>Endothelial  
KDR==>Endothelial  
KITL==>Endothelial  
KLF4==>Endothelial  
LEF1==>Endothelial  
LY6A==>Endothelial  
LY6C1==>Endothelial  
NEAT1==>Endothelial  
NEDD4==>Endothelial  
NID1==>Endothelial  
NOSTRIN==>Endothelial  
NRP1==>Endothelial  
OCLN==>Endothelial  
PALMD==>Endothelial  
PDE2A==>Endothelial  
PDXK==>Endothelial  
PECAM1==>Endothelial  
PGLYRP1==>Endothelial  
PLK2==>Endothelial  
PLTP==>Endothelial  
PTPRB==>Endothelial  
PTPRG==>Endothelial  
PTRF==>Endothelial  
RASGRP3==>Endothelial  
RGS5==>Endothelial  
SDPR==>Endothelial  
SGMS1==>Endothelial

SHROOM4==>Endothelial

SLC16A1==>Endothelial

SLC22A8==>Endothelial

SLC2A1==>Endothelial

SLC31A1==>Endothelial

SLC39A10==>Endothelial

SLC6A6==>Endothelial

SLCO1A4==>Endothelial

SPOCK2==>Endothelial

SPTAN1==>Endothelial

TEK==>Endothelial

TFRC==>Endothelial

TMEM204==>Endothelial

UTRN==>Endothelial

ZC3HAV1==>Endothelial

ABCA9==>Microglia

ADAP2==>Microglia

BLNK==>Microglia

C1QB==>Microglia

C1QC==>Microglia

C3AR1==>Microglia

C5AR1==>Microglia

CCL12==>Microglia

CCL2==>Microglia

CCL3==>Microglia

CCL4==>Microglia

CCRL2==>Microglia

CD14==>Microglia

CD33==>Microglia

CD37==>Microglia  
CD53==>Microglia  
CD68==>Microglia  
CD83==>Microglia  
CD84==>Microglia  
CD86==>Microglia  
CFH==>Microglia  
CSF1R==>Microglia  
CSF3R==>Microglia  
CTSB==>Microglia  
CTSC==>Microglia  
CTSD==>Microglia  
CTSS==>Microglia  
CTSZ==>Microglia  
CX3CR1==>Microglia  
CYTH4==>Microglia  
ELMO1==>Microglia  
EMR1==>Microglia  
ENTPD1==>Microglia  
FCER1G==>Microglia  
FCGR3==>Microglia  
FCRLS==>Microglia  
FNIP1==>Microglia  
G530011O06RIK==>Microglia  
GEM==>Microglia  
GOLM1==>Microglia  
GPR34==>Microglia  
GRN==>Microglia  
H2-K1==>Microglia

HEXB==>Microglia  
HPGDS==>Microglia  
IFNGR1==>Microglia  
IL1A==>Microglia  
INPP5D==>Microglia  
ITGAM==>Microglia  
ITGB2==>Microglia  
LAIR1==>Microglia  
LAPTM5==>Microglia  
LCP1==>Microglia  
LCP2==>Microglia  
LGMN==>Microglia  
LY86==>Microglia  
LYN==>Microglia  
LYZ2==>Microglia  
MAF==>Microglia  
MERTK==>Microglia  
MRC1==>Microglia  
NCKAP1L==>Microglia  
NFAM1==>Microglia  
NFKBIZ==>Microglia  
NRROS==>Microglia  
OLFML3==>Microglia  
P2RY12==>Microglia  
P2RY13==>Microglia  
P2RY6==>Microglia  
PLD4==>Microglia  
PLEK==>Microglia  
PMP22==>Microglia

PPP1R15A==>Microglia

PTAFR==>Microglia

PTGS1==>Microglia

PTPRC==>Microglia

RGS10==>Microglia

RGS2==>Microglia

RNASE4==>Microglia

SELPLG==>Microglia

SIGLECH==>Microglia

SIRPA==>Microglia

SKIL==>Microglia

SLC7A8==>Microglia

TGFBR1==>Microglia

TMEM119==>Microglia

TMSB4X==>Microglia

TNFAIP3==>Microglia

TREM2==>Microglia

TYROBP==>Microglia

UNC93B1==>Microglia

ZFHX3==>Microglia

ABCA2==>Myelinating\_Oligodendrocyte

APLP1==>Myelinating\_Oligodendrocyte

CCDC163==>Myelinating\_Oligodendrocyte

CCP110==>Myelinating\_Oligodendrocyte

CLASP2==>Myelinating\_Oligodendrocyte

CLDN11==>Myelinating\_Oligodendrocyte

CRYAB==>Myelinating\_Oligodendrocyte

DAAM1==>Myelinating\_Oligodendrocyte

DPYSL2==>Myelinating\_Oligodendrocyte



DUSP3==>Myelinating\_Oligodendrocyte  
ENPP6==>Myelinating\_Oligodendrocyte  
EPB4.1L3==>Myelinating\_Oligodendrocyte  
FAM171B==>Myelinating\_Oligodendrocyte  
FNBP1==>Myelinating\_Oligodendrocyte  
FOXN3==>Myelinating\_Oligodendrocyte  
FTH1==>Myelinating\_Oligodendrocyte  
GATAD1==>Myelinating\_Oligodendrocyte  
GNAI1==>Myelinating\_Oligodendrocyte  
GPR37==>Myelinating\_Oligodendrocyte  
GSN==>Myelinating\_Oligodendrocyte  
GSTP1==>Myelinating\_Oligodendrocyte  
IL33==>Myelinating\_Oligodendrocyte  
KCNA1==>Myelinating\_Oligodendrocyte  
KLF13==>Myelinating\_Oligodendrocyte  
LPAR1==>Myelinating\_Oligodendrocyte  
LRRN1==>Myelinating\_Oligodendrocyte  
MAG==>Myelinating\_Oligodendrocyte  
MBP==>Myelinating\_Oligodendrocyte  
MOBP==>Myelinating\_Oligodendrocyte  
MOG==>Myelinating\_Oligodendrocyte  
MRFAP1==>Myelinating\_Oligodendrocyte  
MTMR2==>Myelinating\_Oligodendrocyte  
NDRG1==>Myelinating\_Oligodendrocyte  
OTUD7B==>Myelinating\_Oligodendrocyte  
PACS2==>Myelinating\_Oligodendrocyte  
PIK3C2B==>Myelinating\_Oligodendrocyte  
PLEKHB1==>Myelinating\_Oligodendrocyte  
PLP1==>Myelinating\_Oligodendrocyte

PLS1==>Myelinating\_Oligodendrocyte  
QDPR==>Myelinating\_Oligodendrocyte  
RAB31==>Myelinating\_Oligodendrocyte  
RNF13==>Myelinating\_Oligodendrocyte  
SCHIP1==>Myelinating\_Oligodendrocyte  
SEPT4==>Myelinating\_Oligodendrocyte  
SEZ6L2==>Myelinating\_Oligodendrocyte  
STRN==>Myelinating\_Oligodendrocyte  
TMEFF2==>Myelinating\_Oligodendrocyte  
TMEM151A==>Myelinating\_Oligodendrocyte  
TNFAIP6==>Myelinating\_Oligodendrocyte  
TPPP==>Myelinating\_Oligodendrocyte  
TRF==>Myelinating\_Oligodendrocyte  
TSPAN2==>Myelinating\_Oligodendrocyte  
TTL7==>Myelinating\_Oligodendrocyte  
UGT8A==>Myelinating\_Oligodendrocyte  
YPEL2==>Myelinating\_Oligodendrocyte  
ATAT1==>Neuron  
BCL11A==>Neuron  
BZW2==>Neuron  
CD24A==>Neuron  
CNR1==>Neuron  
CRMP1==>Neuron  
DCX==>Neuron  
DPYSL3==>Neuron  
DPYSL5==>Neuron  
EPHA3==>Neuron  
GPR85==>Neuron  
HN1==>Neuron

INPP5F==>Neuron  
MEIS2==>Neuron  
MLLT11==>Neuron  
MPPED1==>Neuron  
MYT1L==>Neuron  
NEUROD6==>Neuron  
NLGN3==>Neuron  
NREP==>Neuron  
NSG2==>Neuron  
PPFIA2==>Neuron  
RTN1==>Neuron  
RUNX1T1==>Neuron  
SATB2==>Neuron  
SCN3A==>Neuron  
SNAP25==>Neuron  
ST8SIA2==>Neuron  
STMN2==>Neuron  
STRBP==>Neuron  
SYT4==>Neuron  
TRIM2==>Neuron  
TRIM67==>Neuron  
TTC3==>Neuron  
ZCCHC18==>Neuron  
ZFP57==>Neuron