

Gene symbol	Gene name	Expressed in non-myeloid brain cells?	Astrocyte	Pericyte	Endothelial cell	neuron	oligodendrocyte	oligodendrocyte precursor
Actb	actin, beta	Yes	x	x	x	x	x	x
Aqp4	aquaporin 4	Yes	x					
Ccl3	chemokine (C-C motif) ligand 3	No						
Cspg4	chondroitin sulfate proteoglycan 4	Yes		x				x
Cux2	cut-like homeobox 2	Yes					x	
Dcx	doublecortin	Yes				x		x
Des	desmin	Yes		x				
Eno2	enolase 2	Yes				x		
Gad2	glutamic acid decarboxylase 2	Yes				x		
Gapdh	glyceraldehyde-3-phosphate dehydrogenase	Yes	x	x	x	x	x	x
Gfap	glial fibrillary acidic protein	Yes	x					
Il1a	interleukin 1 alpha	No						
Mag	myelin-associated glycoprotein	Yes					x	
Mbp	myelin basic protein	Yes					x	
Mobp	myelin-associated oligodendrocytic basic protein	Yes					x	
Nefh	neurofilament, heavy polypeptide	Yes				x		
Nefl	neurofilament, light polypeptide	Yes				x		
Ocln	occludin	Yes			x			
Pdgfra	platelet derived growth factor receptor alpha	Yes	x					
Pvalb	parvalbumin	No						
Rorb	RAR-related orphan receptor beta	Yes	x					
Slco1c1	solute carrier organic anion transporter family member 1C1	Yes	x	x				