

genes list	
Alg1	
Aipl1	
Ankrd45	
Anks1b	
Apba3	
Arpc2	
Ascl3	
Asgr1	
Atad2b	
Atp2b4	
Ccna1g	
CD28	
Cdk4	
Clec10a	
Cog5	
Creb313 (Cre	
Ctps2	
Daam1	
Dlp2a	
Dnach2	
Dock10	
Dnmt3a	
Drdc	
Eml6	
EpB4.115(EP	
ErbB4	
Fabp3	
Farp2	
Flii	
Fn1	
Gabra6	
Gja1	
Grm2	Sez6
Gp49a	Sirt7
Grin3b	Slamf8
Ints7	Slc38a6
Itm2c	Slc5a10
Krt20	Slit3
Lactb2	Snat10
Lmbrd1	Sox13
Lrfrn5	Spog
Mar-10	Srebf1
Mdm2	Stk36
Mfsd12	Syne1
Mks1	Taco1
Mum1	Tbc1d15
Nab1	Tex14
Ndn	Tha1
Nt5c3l	Tie2
Olfr218	Tmem131
P2rx1	Tnfrs11a
Pag	Uhrf1bp1l
Phlpp1	Zfp354a
Pik3c2b	Zmiz2
Pkhd1	
Prex2	
Ptpn14	
Ranbp2	
Rnaseh1	

Supplementary table 1

Primary antibodies	Species	Dilution	Supplier
CTPs2	Rabbit	1:200	Innovagen
NeuN	Mouse	1:400	Millipore
GFAP	Mouse	1:400	Millipore
Pag	Mouse	1:100	AbCam
Synaptophysin	Mouse	1:100	BD Biosciences
Grn2	Mouse	1:100	AbCam
SNAT6	Rabbit	1:100	Sigma
Pag	Mouse	1:100	Sigma
CTPs2	Rabbit	1:200	Sigma
Sytnaptophysin	Rat	1:100	Milipore
Caveolin	Mouse	1:200	Sigma
Secondary antibodies	Species	Dilution	Supplier
Anti-mouse-488	Goat	1:400	Invitrogen
Anti-rabbit-594	Donkey	1:400	Invitrogen
Anti-rabbit-488	Donkey	1:200	Jackson Immuno Reserach
Anti-mouse-594	Donkey	1:200	Jackson Immuno Reserach
Anti-mouse-488	Donkey	1:200	Invitrogen

Supplementary table 2