

Table S1. RT-PCR primer sequences

Primer name	Forward primer (5'-3')	Reverse primer (5'-3')
<i>Rest</i>	GCGGAAGACAAATGCAGG	TTCGGCTTCGTA CTGGCAA
<i>CoRest</i>	TGGGACCTACCTCCAGTTG	TGTTGATTGGGAGAGCTGCC
synaptotagmin 4 (<i>Syt 4</i>)	AATGAGGTGATTGGACGGTTG	AGTGCCCCCACC GC
<i>Snap25</i>	ACGGGAGCAGATGGCCA	CCCGGGCATCGTTTGT T
calbindin (<i>Calb</i>)	GCTGCAGAACTTGATCCAGGA	TCCGGTGATAGCTCCAATCC
<i>NeuroD1</i>	ACCAATTTGGTCGCCGG	GGGTTCTGCTCAGGCAAGAA
<i>Celsr3</i>	GGACTTTGGAAATGACATGGC	CAGACAGCAACCCTCGATC
<i>L1cam</i>	GAGGTTTCAGGGCATCTATCG	TTGCTGTTCATCCAGTAGATCC
<i>Chgb</i>	AGTCCAGTGTTCCAACGATC	ACTTCTCATTGCCTACCTTCG
<i>Syn1</i>	ACAGGTTCTGCTATGCTTGAG	TGACCACAAGTCCACGATG
<i>Mal</i>	TTGTA CT CATGGCGGTGAGACTT	TCAGAGTGACCACGTAGGCAAACA
<i>Myt1</i>	ATTCAGACCAGCGAAACCTC	ATGCTCAAGTCCAGAGTTCC
<i>Myt1L</i>	ATTGCTGGGACTTGCCTGTAGACT	TGCTTTCCTTGCACTGAGGGTACT
<i>Mbp</i>	CAAGGCACAGAGACACGG	ACTGGGTTTTTCATCTTGGGTC
<i>Mag</i>	CTGTGGTACATGGCGTCTGGTATT	TGTGCTGAGAAGCAGGGTACAGTT
<i>Mobp</i>	AATGAGAGCAAGACAAGCGGAGAC	ACGCTTGGAGTTGAGGAAGGTGAA
<i>Cdk6</i>	AGC ACC CCA ACG TGG TCA GG	AGC GTG ACG ACC ACC GAG GTA
<i>Cyclin B2</i>	GCT GTG CCT CGT CCG TT	GCG GGA GGA CGA TCC TTG GGA
<i>Cdk1C</i>	CAC CAA TCA GCC AGC CTT CGA CC	GGG ATG ACA GCC ACG GCC AC
<i>Camk2</i>	CGA GCC ATT GCC GTC GGA GG	CGC TGC CTT GCT TCC TTG GGC
<i>Gap43</i>	AGC TGA GGA GAA AGA CGC TGT	GGG TTC AGG TGG GGG CAA CG
<i>Scn2a1</i>	TCA GCT GAC CTT GCG TGC TG	TCC GAG AAA ACA CCT ATC CCA CCT
<i>Gapdh</i>	AGAAGGTGGTGAAGCAGGCA	CGAAGGTGGAAGAGTGGGAG