

**Table S1.** PCR primer sequences for probe synthesis

PCR Primer Name	PCR Primer Sequence	NM	Bases
Th-S-T3	AATTAACCCTCACTAAAGGGAGTGCGTCGGGTGTCTGACGA	NM_009377.1	456-1453
Th-AS-T7	TAATACGACTCACTATAGGGTCCAAGGAGCGCTGGATGGTG		
Vmat2-S-T3	AATTAACCCTCACTAAAGGGATCCGTGGCTGGGATGGGTATG	NM_013031.1	700-1440
Vmat2-AS-T7	TAATACGACTCACTATAGGGCCTTTGCGATGGCACCACCA		
Vglut2-S-T3	AATTAACCCTCACTAAAGGGACCTTGGGCAGACCCTGAGGAA	NM_080853.3	2315-3244
Vglut2-AS-T7	TAATACGACTCACTATAGGGGGGGGAGCATGGAGCATACCC		
Aldh1a1-S-T3	AATTAACCCTCACTAAAGGGACTGTGTCGCAGCATCCCGGA	NM_001361503.1	1895-2893
Aldh1a1-AS-T7	TAATACGACTCACTATAGGGGAACACGGGCTGCTGAAGGGAT		
Girk2-S-T3	AATTAACCCTCACTAAAGGGAGAACCGGCGAGTCGGAGCTG	NM_010606.2	275-1028
Girk2-AS-T7	TAATACGACTCACTATAGGGCGGGGCACTTGTCCTGTATG		
Calb1-S-T3	AATTAACCCTCACTAAAGGGAAGCCCTCTCGCCGAGGTTC	NM_009788.4	79-870
Calb1-AS-T7	TAATACGACTCACTATAGGGCCCTCCATCCGACAAGGCCATTA		
Calb2-S-T3	AATTAACCCTCACTAAAGGGACGCAGCAGCAGCCCCCTTAC	NM_007586.1	86-800
Calb2-AS-T7	TAATACGACTCACTATAGGGTGGTGAGCTGTTGGATGTTTCATCTCC		
m/hSnca-S-T3	AATTAACCCTCACTAAAGGGAGAGCCTTTCACCCCTCTTGC	NM_019169.3	58-1037
m/hSnca-AS-T7	TAATACGACTCACTATAGGGAGGTGCATAGTCTCATGCTCACA		
mSnca-S-T3	AATTAACCCTCACTAAAGGGACGTACAAGTGCTCAGTTCCA	NM_019169.3	639-1035
mSnca-AS-T7	TAATACGACTCACTATAGGGTGCATAGTCTCATGCTCACA		
Grp-S-T3	AATTAACCCTCACTAAAGGGACGGCTCGGAGCTCTCGCTCT	NM_175012.3	127-851
Grp-AS-T7	TAATACGACTCACTATAGGGGAATGGTAGCAAATTGGAGCCCTGA		