

Supplementary Table 2. List of siRNAs and primers used and their sequences.

#	Primer name*	Application	Sequence
1	nAChR α 1-F	RT-PCR	5'-CGTCTGGTGGCAAAGCT-3'
2	nAChR α 1-R	RT-PCR	5'-CCGCTCTCCATGAAGTT-3'
3	nAChR α 2-F	RT-PCR	5'-CCGGTGGCTTCTGATGA-3'
4	nAChR α 2-R	RT-PCR	5'-CAGATCATTCCAGCTAGG-3'
5	nAChR α 3-F	RT-PCR	5'-CCATGTCTCAGCTGGTG-3'
6	nAChR α 3-R	RT-PCR	5'-GTCCTGAGGTTTCATGGA-3'
7	nAChR α 4-F	RT-PCR	5'-GAATGTCACCTCCATCCGCATC-3'
8	nAChR α 4-R	RT-PCR	5'-CCGGCAATTGTCCTTGACCAC-3'
9	nAChR α 5-F	RT-PCR	5'-TCATGTAGACAGGACTTC-3'
10	nAChR α 5-R	RT-PCR	5'-ATTGCCCATTATAAATAA-3'
11	nAChR α 6-F	RT-PCR	5'-GGCCTCTGGACAAGACAA-3'
12	nAChR α 6-R	RT-PCR	5'-AAGATTTTCCTGTGTCCC-3'
13	nAChR α 7-F	RT-PCR	5'-CACAGTGGCCCTGCAGACCGATGGTACGGA-3'
14	nAChR α 7-R	RT-PCR	5'-CTCAGTGGCCCTGCTGACCGATGGTACGGA-3'
15	nAChR α 9-F	RT-PCR	5'-GTCCAGGGTCTTGTGTTGT-3'
16	nAChR α 9-R	RT-PCR	5'-ATCCGCTCTTGCTATGAT-3'
17	nAChR α 10-F	RT-PCR	5'-CTGTTCCGTGACCTCTTT-3'

18	nAChR α 10-R	RT-PCR	5'- <i>GGAAGGCTGCTACATCCA</i> -3'
19	nAChR β 2-F	RT-PCR	5'- <i>CGGCTCCCTTCCAAACACA</i> -3'
20	nAChR β 2-R	RT-PCR	5'- <i>GCAATGATGGCGTGGCTGCTGCA</i> -3'
21	nAChR β 3-F	RT-PCR	5'- <i>AGAGGCTCTTCTGCAGA</i> -3'
22	nAChR β 3-R	RT-PCR	5'- <i>GCCACATCTTCAAAGCAG</i> -3'
23	nAChR β 4-F	RT-PCR	5'- <i>CTGAAACAGGAATGGACT</i> -3'
24	nAChR β 4-R	RT-PCR	5'- <i>CCATGTCTATCTCCGTGT</i> -3'
25	nAChR α 9 siRNA1-F	shRNA	5'- <i>GATCCCCTGTGATCTCCTATGGCTGCTTCAAGAGAGCAGCCATAGGAGATCACATTTTAA</i> -3'
26	nAChR α 9 siRNA1-R	shRNA	5'- <i>AGCTTAAAAATGTGATCTCCTATGGCTGCTCTCTTGAAGCAGCCATAGGAGATCACAGGG</i> -3'
27	nAChR α 9 siRNA2-F	shRNA	5'- <i>GATCCCCAAAGCAGCCAGGAACAAAGTTCAAGAGACTTTGTTCTGGCTGCTTTTTTTAA</i> -3'
28	nAChR α 9 siRNA2-R	shRNA	5'- <i>AGCTTAAAAAAAAGCAGCCAGGAACAAAGTCTCTTGAAGTTGTTCTGGCTGCTTTGGG</i> -3'
29	nAChR α 5 siRNA1-F	shRNA	5'- <i>GATCCCCCTGTATTGGGCTCTCATTTTCAAGAGAAATGAGAGCCCAATACAGGTTTTTA</i> -3'
30	nAChR α 5 siRNA1-R	shRNA	5'- <i>AGCTTAAAAACCTGTATTGGGCTCTCATTTCTCTTGAAATGAGAGCCCAATACAGGGGG</i> -3'
31	nAChR α 5 siRNA2-F	shRNA	5'- <i>GATCCCCCGTCTTCGCTATCAACATTTCAAGAGAATGTTGATAGCGAAGACGGTTTTTA</i> -3'
32	nAChR α 5 siRNA2-R	shRNA	5'- <i>AGCTTAAAAACCGTCTTCGCTATCAACATTTCTCTTGAAATGTTGATAGCGAAGACGGGGG</i> -3'
33	nAChR α 9SC siRNA1-F	shRNA	5'- <i>GATCCCCGAGACGTGTTTCGCTTCTCTTCAAGAGAGAGAAAGCGAACACGTCTCTTTTAA</i> -3'
34	nAChR α 9 SC siRNA1-R	shRNA	5'- <i>AGCTTAAAAAGAGACGTGTTTCGCTTCTCTCTCTTGAAGAGAAAGCGAACACGTCTCGGG</i> -3'
35	nAChR α 9 SC siRNA2-F	shRNA	5'- <i>GATCCCCGGAACAAACAAGCACGAATTCAGAGATTCGTGCTGTTTGTCCCTTTTAA</i> -3'

36	nAChR α 9 SC siRNA2-R	shRNA	5'-AGCTTAAAAAGGGAACAAACAAGCACGAATCTCTTGAATTCTGTGCTTGTGTTGCCGGG-3'
27	nAChR α 5 SC siRNA1-F	shRNA	5'-GATCCCCTAGACGCGTTTTCTCTCGTTTCAAGAGAACGAGAGAAAACGCGTCTATTTTAA-3'
38	nAChR α 5 SC siRNA1-R	shRNA	5'-AGCTTAAAAATAGACGCGTTTTCTCTCGTTCTCTTGAACGAGAGAAAACGCGTCTAGGG-3'
39	nAChR α 5 SC siRNA2-F	shRNA	5'-GATCCCCTATACAGTATGCCTCCTTCTTCAAGAGAGAAGGAGGCATACGTGTATTTTAA-3'
40	nAChR α 5 SC siRNA2-R	shRNA	5'-AGCTTAAAAATACAGTATGCCTCCTTCTCTTGAAGAAGGAGGCATACGTGTATGGG-3'
41	Human nAChR α 9-F	Real-time PCR	5'-TACATCGCCAAGTGCTC-3'
42	Human nAChR α 9-R	Real-time PCR	5'-TGTGACTAATCCGCTCTTGC-3'
43	Human GUS-F	Real-time PCR	5'-AGTGTCCCTGCTAGAATAGATG-3'
44	Human GUS-R	Real-time PCR	5'-AACAGCCCCTTACTTGAG-3'
45	nAChR α 9 Tet-off-F	Cloning	5'-GTTGAATTCTATGAACTGGTCCCATTCTGC-3'
46	nAChR α 9 Tet-off-R	Cloning	5'-GCGTCTAGACTAATCCGCTCTTGCTATGAT-3'

* F = Forward, R= reverse, RT-PCR = reverse transcription-polymerase chain reaction, shRNA = short hairpin RNA, siRNA = short interfering RNA, nAChR= nicotinic acetylcholine receptor, GUS = β -glucuronidase, SC = scrambled.