

Supplementary Table.

Table S1. siRNA target sequences.

Gene	Sense	Antisense
DsiRNA Controls	CGUUAUUCGCGUAUAAUACGCGUAT	AUACGCGUAUUUACGCGAUUAACGAC
Er α (Mouse)	ACAGUUGACUUCAUAAGC	UUCAGUAGCUUAUGAAGU
Er β (Mouse)	CUAGGCAAGAACAUUACC	AUCAGUUGGUAUUGUUCU
GPFR (Mouse)	GCAUCCUGGAUGGAAUUC	UUCACUUCAAUCCAUC

Table S2. Primer sequences.

Gene	Sense	Antisense
<i>Era</i> (Mouse)	TGCGCAAGTGTTACGAAGTG	TCTGACGCTTGTGCTTCAAC
<i>Erβ</i> (Mouse)	AGGAATGGTCAAGTGTGGATCC	TGGCTTTGTTCAAGCAATGC
<i>Gper</i> (Mouse)	TTCAACCTGGACGAGCAGTAC	AGACGCTGCTGTACATGTTG
<i>Bdnf</i> (Mouse)	ATCCAAAGGCCAACTGAAGC	ATTGGGTAGTTCGGCATTGC
<i>Camk2b</i> (Mouse)	TGCAAGGAGGAAGCTCAAGG	CTGTTTGTCTGGGGCTTGAC
<i>Rbfox3</i> (Mouse)	ACAGACAGACAACCAGCAAC	CGAATTGCCCCGAACATTGTC
<i>Tubb3</i> (Mouse)	AGCTGTTCAAACGCATCTCG	GACACCAGGTCATTCATGTTGC
<i>Syn1</i> (Mouse)	TGTGCGTGTCCAGAAGATTG	ACATGGCAATCTGCTCAAGC
<i>Dlg4</i> (Mouse)	GGTCAACGACAGCATCCTG	ATGACGTAGAGGCGAACGATG
<i>Syp</i> (Mouse)	TTTGCCATCTTCGCCTTTGC	GGGTGCATCAAAGTACACTTGG
<i>Map2</i> (Mouse)	ATGAAGGAAAGGCACCACAC	TGGAAATCCATTGGCGTTGC
<i>Gapdh</i> (Mouse)	TGCGACTTCAACAGCAACTC	ATGTAGGCCATGAGGTCCAC