

Supplementary Table 2. The siRNA and Primer Sequences

siRNA

Vendor	Sequence (5'-3')
Control sense	TTCTCCGAACGTGTCACGT [dT][dT]
Control antisense	ACGTGACACGTTCGGAGAA [dT][dT]
Notch3 #1sense	GGUAGUAAUGCUGGAGAUU[dT][dT]
Notch3 #1antisense	AAUCUCCAGAUUACUACC [dT][dT]
Notch3 #2 sense	CUGUCUUGCUGCUGGUCAU[dT][dT]
Notch3 #2 antisense	AUGACCAGCAGCAAGACAG [dT][dT]
Notch3 #3 sense	CCGUUAUGCCCGUGCUGAU[dT][dT]
Notch3 #3 antisense	AUCAGCACGGGCAUACGG[dT][dT]
Jagged-1 #1sense	GAAUGUGAGGCCAAACCUU[dT][dT]
Jagged-1 #1antisense	AAGGUUUGGCCUCACAUUC[dT] [dT]
Jagged-1 #2 sense	CCUGUAACAUAGCCCGAAA[dT] [dT]
Jagged-1 #2 antisense	UUUCGGGCUAUGUUACAGG[dT][dT]
Jagged-1 #3 sense	CAUCGAUUAUUGUGAGCCU[dT] [dT]
Jagged-1 #3 antisense	AGGCUCACAAUAAUCGAUG[dT] [dT]
RPS6KB1 #1sense	GGAUAUUUAUGGAAGACA[dT] [dT]
RPS6KB1 #1antisense	UGUCUCCAUAUUUUAUUC[dT] [dT]
RPS6KB1 #2 sense	GAUAGUAAGAAAGCUAAA [dT] [dT]
RPS6KB1 #2 antisense	UUUAGCAUUUCUUACUAUC[dT] [dT]
Dynamin1 #1sense	CAGCUAUGCUAUCAAGAAU[dT] [dT]
Dynamin1 #1antisense	AUUCUUGAUAGCAUAGCUG[dT] [dT]
Dynamin1 #2 sense	GAGAUUCUGGUCAUCCGCA[dT][dT]
Dynamin1 #2 antisense	UGC GGAUGACCAGAAUCUC[dT] [dT]
Dynamin1 #3 sense	CUUUCGAGCUGGUCAAGAU[dT][dT]
Dynamin1 #3 antisense	AUCUUGACCAGCUCGAAAG[dT] [dT]
Dynamin2 #1sense	CCCUUGACACCAUCCUGAA[dT][dT]
Dynamin2 #1antisense	UUCAGGAUGGUGUCAAGGG[dT][dT]
Dynamin2 #2 sense	CCCUCAAGGAGGCGCUCAA[dT] [dT]
Dynamin2 #2 antisense	UUGAGCGCCUCCUUGAGGG[dT][dT]
Dynamin2 #3 sense	CCAACAUGGACCUGGCCAA[dT] [dT]
Dynamin2 #3 antisense	UUGGCCAGGUCCAUGUUGG[dT][dT]
Dynamin3 #1sense	CCCAUUAUUUACGAGUCU[dT] [dT]
Dynamin3 #1antisense	AGACUCGUAAAUUAAUGGG[dT] [dT]
Dynamin3 #2 sense	CCUUAUGAUCAUAACGUU[dT] [dT]
Dynamin3 #2 antisense	AACGUUAUUGAUCAUAAGG[dT] [dT]
Dynamin3 #3 sense	GAUCUACCUGGAAUAACUA[dT] [dT]
Dynamin3 #3 antisense	UAGUUAUCCAGGUAGAUC[dT] [dT]

Primers

Primer	Sequence 5'-3'
PSEN1 for	TGCTCCTGCCGTTCTCTATT
PSEN1 rev	AGTTACCTGCACCGTTGTCC
NCSTN for	ACGTGGATAACCCCTGTGTC
NCSTN rev	ACGTGGATAACCCCTGTGTC
APH1A for	GGACCAAGATGAACCAGACC
APH1A rev	CTTGATCACTGTGGCTGGG
APH1B for	ATGCCCCAGAATACATGCAG
APH1B rev	AGTGGGCATTTCATGGAGATT
PSENEN for	TGACCAACCAGAGAAAAGGC
PSENEN rev	ATGAACCTGGAGCGAGTGTC
Dynamin1 for	CTCGGCATATTCTGTGGTTG
Dynamin1 rev	GCTCGAGAATTCGTAGGCA
Dynamin2 for	TCGGCATGTTCTGTTTTTGA
Dynamin2 rev	GGTGCTGGAGAACTTCGTG
Dynamin3 for	TTCAGGTTGTCCAAGGGAAG
Dynamin3 rev	CTCGAAGGGATACTGGTTTCG
Jagged 1 for	ACTGTCAGGTTGAACGGTGTC
Jagged 1 rev	ATCGTGCTGCCTTTCAGTTT
RPS6KB1 for	TTCTCACAATGTTCCATGCC
RPS6KB1 rev	CTCTGAGGATGAGCTGGAGG
18S for	CGCCGCTAGAGGTGAAATTC
18S rev	TTGGCAAATGCTTTCGCTC