

Supplementary Table 3

qPCR in mouse tissues	Sequences
GAPDH	F: 5'-GGTGGTGAAGCAGGCATCT-3' R: 5'-GAAGGTGGAAGAGTGGGAGTT-3'
HPRT	F: 5'-ATGGGAGGCCATCACATTGT-3' R: 5'-ATGTAATCCAGCAGGTCAGCAA-3'
EGR1	F: 5'-GAGCGAACAACCCTATGAG-3' R: 5'-GTCGTTTGGCTGGGATAA-3'
AChE	F: 5'-ACCTGTGGGCTCACGTAGATT-3' R: 5'-CCACGTACTGGTAGCAGACATT-3'
AChE promoter cloning	
-193/+707 pGL3	F: 5'-AGATCTTGGCACTGGAGTGCGTCTGGG-3' R: 5'-AAGCTTCTCCAGCCAAAGGATCAAAA-3'
+108/+707 pGL3	F: 5'-AGATCTAGGCCCGGGTCCGGGGCACC-3' R: 5'-AAGCTTCTCCAGCCAAAGGATCAAAA-3'
-193/+107 pGL3	F: 5'-GAAGATCTTGGCACTGGAGTGCGTCTGG-3' R: 5'-CCCAAGCTTTAAGGAGAGTCCCGGGCG-3'
-98/+107 pGL3	F: 5'-TAGCAGATCTGCGGGGGCGGAGACAGT-3' R: 5'-TAGCAAGCTTTAAGGAGAGTCCCGGGCG-3'
-60/+107 pGL3	F: 5'-TAGCAGATCTCTGTGAGGCCCGGAGGG-3' R: 5'-TAGCAAGCTTTAAGGAGAGTCCCGGGCG-3'
AChE promoter mutations	
Mutation 1	F1: 5'-GAAGATCTTGGCACTGGAGTGCGTCTGG-3' R1: 5'-CACTGTCTCCGCCctCCGCCCTCC-3' F2: 5'-GGAGGGGCGGaaGGGCGGAGACAGTG-3' R2: 5'-TAGCAAGCTTTAAGGAGAGTCCCGGGCG-3'
Mutation 2	F1: 5'-GAAGATCTTGGCACTGGAGTGCGTCTGG-3'

	R1: 5'-GCCCCGCCttCCGCCCACTGTC-3'
	F2: 5'-GACAGTGGGCGGaaGGGCGGGC-3'
	R2: 5'-TAGCAAGCTTTAAGGAGAGTCCCGGGCG-3'
Mutation 3	F1: 5'-GAAGATCTTGGCACTGGAGTGCGTCTGG-3'
	R1: 5'-GCCTCACAGCGtttCCGCCCGCC-3'
	F2: 5'-GGCGGGCGGaaaCGCTGTGAGGC-3'
	R2: 5'-TAGCAAGCTTTAAGGAGAGTCCCGGGCG-3'

qPCR in SY5Y cells

HPRT	F: 5'-GGACAGGACTGAACGTCTTGC-3'
	R: 5'-ATAGCCCCCCTTGAGCACAC-3'
EGR1	F: 5'-GACCGCAGAGTCTTTTCCTG-3'
	R: 5'-TGGGTTGGTCATGCTACTA-3'
AChE	F: 5'-GTAGACGCTACAACCTTCCA-3'
	R: 5'-CATCTCGGTGCCCTCAA-3'

Table S3. Primer sequences for qPCR. GAPDH = glyceraldehyde phosphate dehydrogenase; HPRT = hypoxanthine guanine phosphoribosyl transferase; EGR1 = early growth response 1; AChE = acetylcholinesterase; F = forward primer; R = reverse primer.