

A) Oligonucleotides for Site-Chain-Mutagenesis	
S75A	5'-GCCTGGGGCCGCTGCTCCTCCCGCGCCGCC-3'
S90A	5'-GGAAGCGAGCGCCGCTCCTCCCGTGCGCCGAGTGC-3'
S213A	5'-CTGGATGTCGGGGCCCCCTCCCTTGG-3'
S373A	5'-CTGGATGTCGGGGCCCCCTCCCTTGG-3'
S75D	5'-GGCCTGGGGCCGCCGGATCCTCCCGCGCCGCCCC-3'
S90D	5'-GGGGGAAGCGAGCGCGGATCCGCCCGTGCGCCGAG-3'
S213D	5'-CAGGTTCTGGATGTCGGGGATCCCTCCCTTGGATCTGACC-3'
S373D	5'-CAGGTTCTGGATGTCGGGGATCCCTCCCTTGGATCTGACC-3'
B) Oligonucleotides for RNA interference	
β2-syn shRNA	5'-TCTCGTAGCTA TCCACACCAACATAATTCAAGAGATATGTTGGTGTGGATAGCTACCT-3'
Cdk5 shRNA	5'-TCTCGCGCCATCATTCGAAACAATTCAAGAGATTGTTTCGAATGATGGCGCCT-3'
scr shRNA	5'- TCTCGTGAAATAGAGTGTAGGAATTCAAGAGATTCCTACACTCTATTTACCT-3'
C) Oligonucleotides for qRT-PCR	
β2-syn_s	5'-AACGAGT TCTGGAGCGCTCTC-3'
β2-syn_as	5'-CTTCAGAATGATCTGGTAGAGG-3'
Cdk5_s	5'-AACGAGTTCTGGAGCGCTCTC-3'
Cdk5_as	5'-CTTCAGAATGATCTGGTAGAGG-3'

β2-syn = β2-syntrophin; scr = scrambled, s = sense; as = antisense