

***In vitro* transcription for BE3**

T7-BE3-F	GCCGCTAATACGACTCACTATAG
T7-BE3-R	GCGGGTTTAAACTCAATGGT

***In vitro* transcription for sgRNAs**

sgRNA-MAPT-P301	TAATACGACTCACTATAGGTCCCGGGAGGCGGCAGTGGTTTTAGAGCTAGAA
sgRNA-MAPT-Intron10+3 G>A	TAATACGACTCACTATAGGACTCACACTGCCGCCTCCGTTTTAGAGCTAGAA
CRISPRscan tail primer	AAAAGCACCGACTCGGTGCCACTTTTTCAAGTTGATAACGGACTAGCCTTATTTAACTTGCTATTTCTAGCTCTAAAAC

Real-time PCR for tau

3R-Tau F	GTCCGTACTCCACCCAAGTC
3R-Tau R	TTTGTAGACTATTTGCACCTTCC
4R-Tau F	GAAGCTGGATCTTAGCAACG
4R-Tau R	GACGTGTTTGATATTATCCT
Total Tau F	AGCCAAGACATCCACACGTT
Total Tau R	ATCAGAGGGTCTGAGCTACCA
G3PDH F	CCATGGCACCGTCAAGGCTGA
G3PDH R	GCCAGTAGAGGCAGGGATGAT

RT PCR for tau

Tau F	AAGTCGCCGTCTTCCGCCAAG
Tau R	GTCCAGGGACCCAATCTTCGA

Sanger-sequencing for off-target sites

Svbp F	GGGGGTCAGAGTGTTTTCAA
Svbp R	GGAGCTGGGGAGCTAAAAAG
Togaram1 F	AATGGTTCCCTCCAGCTCTC
Togaram1 R	TTTTTCTCGCCTCTCATGGT
Slmap F	CACTGGTTGTTGGAGCATCT
Slmap R	GCCAAACAAGACATTCAGCA
Nploc4 F	CAAAATGACCATCGGGAGAG
Nploc4 R	AGTCATCCTGCTGGCTCAAC