

**Table S1. Sequence of oligonucleotides used for PCR amplification**

<b>Sequence</b>	<b>Name</b>	<b>Utilization</b>
5'- <u>GCGGAATTCC</u> CATGCGCGAGATCGTGCACATCC-3'	$\beta$ II-tubulin (F)	Forward primer for the amplification of wt and mutant $\beta$ II-tubulin (Eco RI site is underlined)
5'- ATT <u>CCGCGGT</u> TCTCAAGCCTCATCTTCACCC-3'	$\beta$ II-tubulin (R)	Reverse primer for the amplification of wt and mutant $\beta$ II-tubulin (Sac II site is underlined)
5'- <u>GCGGAATTCC</u> CATGAGGGAAATCGTGCACTTGC-3'	$\beta$ IV-tubulin (F)	Forward primer for the amplification of wt and mutant $\beta$ IV-tubulin (Eco RI site is underlined)
5'- ATT <u>CCGCGGT</u> GACGTAAGGCTCTAGGCCACC-3'	$\beta$ IV-tubulin (R)	Reverse primer for the amplification of wt and mutant $\beta$ IV-tubulin (Sac II site is underlined)
5'- CATGGCGACAGTGAC <u>GCGCAGGCGGAGAGGAT</u> CAATGTG-3'	$\beta$ II-tubulin dis NES-1 (F)	Forward internal primer for the construction of the dis NES-1 $\beta$ II-tubulin (mutated nucleotides are underlined)
5'- CACATTGATCCTCT <u>CCGCCTGCGCGTC</u> ACTGTC GCCATG-3'	$\beta$ II-tubulin dis NES-1 (R)	Reverse internal primer for the construction of the dis NES-1 $\beta$ II-tubulin (mutated nucleotides are underlined)
5'- AT <u>CTGTTCCGCACCGCGAAGGCGACCACACCC</u> ACCTAT-3'	$\beta$ II-tubulin dis NES-2 (F)	Forward internal primer for the construction of the dis NES-2 $\beta$ II-tubulin (mutated nucleotides are underlined)
5'- ATAGGTGGGTGTGG <u>CGCCTTCGCGGTGCGGA</u> AACAGAT-3'	$\beta$ II-tubulin dis NES-2 (R)	Reverse internal primer for the construction of the dis NES-2 $\beta$ II-tubulin (mutated nucleotides are underlined)