

Table S4. Gene-specific primers used in site-directed mutagenesis

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
hOtub1(D88A)	TAGAAACAGTTGCCGGCAGGCCTGGTCTTGC	GCAAGACCAGGCCTGCCGGCAACTGTTTCTA
hOtub1(H265A)	CTTCTCTACCGGCCTGGAGCCTACGATATCCT CTACAA	TTGTAGAGGATATCGTAGGCTCCAGGCCGGTA GAGAAG
hOtub1(C91SD8 8A)	GCCCGATAGAAACTGTTGCCGGCAGGCCTGG TCTT	AAGACCAGGCCTGCCGGCAACAGTTTCTATCG GGC
hOtub1(Δ N)	ATGGCGGCGGAGGAACTGGTGTCAGAGC	GCTCTGACACCAGTTCCTCCGCCGCCAT
