

Supplementary Table. Synthetic oligonucleotides used for site-specific mutagenesis. Positions of nucleotide substitutions have been underlined.

Mutants	Primer sequence 5' - 3'
M77H-F	CAGGTCGAGAAAC <u>AC</u> AGAGCTGCTGTC
M77H-R	GACAGCAGCTCT <u>GTG</u> TTTCTCGACCTG
W101F-F	CAAACGTGAGGACT <u>TT</u> GTTGAGGCCAACAG
W101F-R	CTGTTGGCCTCAACA <u>AA</u> AGTCCTCACGTTTG
W101Y-F	CGTGAGGACT <u>AC</u> GTTGAGGCCAACAG
W101Y-R	CTGTTGGCCTCAAC <u>GTA</u> GCCTCACG
M151Y-F	GGAACTCAAGACCTATATGAAGGCATTTCG
M151Y-R	CGAATGCCTTCATAT <u>AG</u> GTCTTGAGTTCC