Supplementary Material

Table 1. Mutagenic oligomer pairs used to generate truncation and point mutant Tm-Cyto constructs.

Name	Sequence
Δ824–839	Top – CGCCAACTGAAGTCAAGTGAACGGTCCCCAATGAAGCC Bottom – GGCTTCATTGGGGACCGTTCACTTGACTTCAGTTGGCG
Δ801–839	Top – CCACTGACAGAGCCCGAGTGAAAGGGTCCTGTAGAAAC Bottom – GTTTCTACAGGACCCTTTCACTCGGGCTCTGTCAGTGG
Δ791–839	Top – GGAAGCACACAGAGCCCTGAAACGAGACCACACCAC Bottom – GTGGTGTGGTCTCGTTTCAGGGCTCTGTGTGCTTCC
Δ780–839	Top – GGAGGAGGAACGGACTTGACCAAACCATGACGGAGG Bottom – CCTCCGTCATGGTTTGGTCAAGTCCGTTCCTCCTCC
Δ745–839	Top – CTGTGCGGCAAAGCGTGAGGGCCCGGAGCC Bottom – GGCTCCGGGCCCTCACGCTTTGCCGCACAG
T788A	Top – GAGGGAAGCACGCAGAGCCCAACGAG Bottom – CTCGTTGGGCTCTGCGTGCTTCCCTC
T793A	Top – GAGCCCAACGAGGCCACACCACTGAC Bottom – GTCAGTGGTGTGGCCTCGTTGGGCTC
T794A	Top – CCCAACGAGACCGCACCACTGACAGAG Bottom – CTCTGTCAGTGGTGCGGTCTCGTTGGG
T797A	Top – CCACACCACTGGCAGTGCCCGAGAAG Bottom – CTTCTCGGGCTCTGCCAGTGGTGTGG
T788D	Top – GACGGAGGGAAGCACGACGAGCCCAACGAGAC Bottom – GTCTCGTTGGGCTCGTCGTGCTTCCCTCCGTC
T794D	Top – GAGCCCAACGAGACCGACCCACTGACAGAGCCC Bottom – GGGCTCTGTCAGTGGGTCGGTCTCGTTGGGCTC
T797D	Top – GAGACCACACCACTGGACGAGCCCGAGAAGGG Bottom – CCCTTCTCGGGCTCGTCCAGTGGTGTGGTCTC

Underlined nucleotides indicate added or changed bases.