

**Table S7. Nucleotide sequences used in triplex assays.**

Name	Sequence (5' to 3')
AD000684.2-TFO	AAGCAGGGGAAGGTAAGAGAAGACAGAAGACA GAGAGAGAGG
AD000684.2-TFO-mut	AAGCAGCGGTTGGTAACAGATCACAGAAGACAG TCAGACTGG
SLC23A3-FAM	GCAGAATGTTTTCTCTCCATCCTCTCCTCTCTTC TACCAGGTGTCCGGGG-TEG-FAM
CPT1B-FAM	GGGTTCTGAGCTAGACGGGAGAGGCAGACAGG GCACTGGTGCCTGGTGTG-TEG-FAM
MSH5-FAM	CTCCTATCTCAGTAGCTCCTCTTTCCCTCTCTGG GCTTCTCTTTCCACTC-TEG-FAM
KAT2A-FAM	TTCTATAGAGAGCACCCGAGAGAGAGAGGAGAA GGAGAACCTTGTCCCTG-TEG-FAM
LYG1-FAM	TTCCCCTTCTCACTCTCTCTCTCCTTCTCACTCT CTCTCTCTTTCTCTCT-TEG-FAM