

TABLE S1

Oligonucleotides used in this study. FWD, forward. REV, reverse.

Primer name	Sequence
#1-DNA chemical perturbation_FWD	TAGTAGTATGAATTTGCCGCAAGATCTGAT
#2-DNA chemical perturbation_REV	ATCAGATCTTGCGCAAATTCATACTACTA
#3-BlaI operator op1_FWD	GAAAGTATTACATATGTAAGATTTAAATGC
#4-BlaI operator op1_REV	GCATTTAAATCTTACATATGTAATACTTTC
#5-Q30A_FWD	ATCATCCTGAGGTACCTGCAAGAACAAAACCGGCCCTACAGCGCCGCGGACGTG
#6-K38A_FWD	GGACGTGTTTCGGAAACCTACAGGCGGAACATGGACTGGGCAAGGCGGCGG
#7-K44A_FWD	CTACAGAAGGAACATGGACTGGGCGCGGCGGCGGTAGTGAAGGCGCTGGATC
#8-K49A_FWD	GGACTGGGCAAGGCGGCGGTAGTGGCGGCGCTGGATCAGCTGGCCCAAGG
#9-D52A_FWD	GGCGGTAGTGAAGGCGCTGGCTCAGCTGGCCCAAGGAAGGCAAG
#10-E57A_FWD	GAAAGGCGCTGGATCAGCTGGCCCAAGGCAAGATCAAAGAGAAG
#11-E62A_FWD	GCCCAAGGAAGGCAAGATCAAAGCGAAGACCTACGGCAAGCAGA
#12-K67A_FWD	CAAAGAGAAGACCTACGGCGCGCAGAAAATTTATTTTGGCC
#13-Q68A_FWD	CAAGAAGACCTACGGCAAGGCGAAAATTTATTTTGGCGATCATCAGAAC
#14-K69A_FWD	AGAAGACCTACGGCAAGCAGGCAATTTATTTTGGCGATCAGAA
#15-Y71A_FWD	GACCTACGGCAAGCAGAAAATTGCTTTTGGCGATCAGAACCAG
#16-Q30A_K44A_FWD	CTACAGAAGGAACATGGACTGGGCGCGGCGGCGGTAGTGAAGGCGCTGGATC
#17-Q30A_K38A_FWD	GGACGTGTTTCGGAAACCTACAGGCGGAACATGGACTGGGCAAGGCGGCGG
#18-Y65A_K67A_FWD	GGCAAGATCAAAGAGAAGACCGCCGCGCGCAGAAAATTTATTTTGGCGAT
#19-Q30A_K38A_K44A_FWD	TACAGGCGGAACATGGACTGGGCGCGGCGGCGGTAGTGAAGGCGCTGGAT
#20-Q30A_K44A_K49A_FWD	CTGGGCGCGGCGGCGGTAGTGGCGGCGCTGGATCAGCTGGCCCA
#21-K63A_Y65A_K67A_FWD	CAGGAAGGCAAGATCAAAGAGGCGACCGCCGCGCGCAGAAAATTTATTT
#22-Y65A_K67A_Q68_FWD	GATCAAAGAGAAGACCGCCGCGCGGCGAAAATTTATTTTGGCGATCAG
#23-gRSFDuet_REV	GGTTTCTTTACCAGACTCGAGCCTCAGGGGTCGGGGAGCAAAAACATTATG