

SUPPLEMENTARY DATA

Substrate specificity diversity of human terminal deoxynucleotidyltransferase may be a naturally programmed feature facilitating its biological function

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Table S1. The positions of amino acid substitution and the primer sequences for mutation.

Amino acid substitution	Primer	Sequences
D395E	forward	5'-GTTGCCTAGCAGGAAGGTTGAAGCTTTGGATCATTTTC-3'
	reverse	5'-GAAAATGATCCAAAGCTTCAACCTTCCTGCTAGGCAAC-3'
D395K	forward	5'-CAGGTTGCCTAGCAGGAAGGTTAAAGCTTTGGATCATTTTC-3'
	reverse	5'-GAAAATGATCCAAAGCTTTAACCTTCCTGCTAGGCAACCTG-3'
D395N	forward	5'-GTTGCCTAGCAGGAAGGTTAATGCTTTGGATCATTTTC-3'
	reverse	5'-GAAAATGATCCAAAGCATTAACCTTCCTGCTAGGCAAC-3'
E456Q	forward	5'-CTGGCTCCCGGCAGTTTCAGAGAGACCTCCGGCGCTATG-3'
	reverse	5'-CATAGCGCCGGAGGTCTCTCTGAAACTGCCGGGAGCCAG-3'
E456N	forward	5'-CTGGCTCCCGGCAGTTTAATAGAGACCTCCGGCGCTATG-3'
	reverse	5'-CATAGCGCCGGAGGTCTCTATTAAACTGCCGGGAGCCAG-3'