

Table S1 Oligonucleotides used for site-directed mutagenesis

Allele	PCR Primer Name	PCR Primer Sequence
<i>pol2-4</i>	pol2-4F1	5'-CTGTGGTAATGGCATTGCTATAGCTACCACGAAGCCGCC-3'
	pol2-4R1	5'-GGCGGCTTCGTGGTAGCTATAGCAAATGCCATTACCACAG-3'
<i>pol2-G435C</i>	eex51qcF	5'-ATTCTTATTTACCACAATGTTCCAGGGTTTAAAA-3'
	eex51qcR	5'-TTTTAAACCCTGGGAACATTGTGGTAAATAAGAAT-3'
<i>pol2-V522A</i>	eex20qcR	5'-GAAATGTTGTTGATGGCTCAAGCTTATCAACAT-3'
	eex20qcR	5'-ATGTTGATAAGCTTGAGCCATCAACAACATTC-3'
<i>pol2-T850M</i>	eex26qcF	5'-GAAATGGCGGGGATTATGTGTTAACAGGTGCC-3'
	eex26qcR	5'-GGCACCTGTAAACACATAATCCCCGCCATTC-3'
<i>pol2-K966Q</i>	eex55qcF	5'-GAAGGAAAAGGTATACAGAAAAGATATGCTGTC-3'
	eex55qcR	5'-GACAGCATATCTTTTCTGTATACCTTTTCCTTC-3'
<i>pol2-A1153D</i>	eex12qcF	5'-GAAAGACTTGGATCTGATATACAAAAGATAATT-3'
	eex12qcR	5'-AATTATCTTTTGTATATCAGATCCAAGTCTTC-3'

Mutations were introduced into pRS415POL2 or pRS415pol2-4 using the QuickChange protocol (Wang and Malcolm 1999), Phusion Polymerase (New England Biolabs), the indicated primers, and PCR conditions of 95°C, 1 min; 16x (95°C, 40 sec.; 53°C, 60 sec., 68°C, 7 min.).