

Table S3: Uracil Quantitation Using Long-Amplicon QPCR

Conditions	LYS2 3KB		LYS2 4KB	
	% amplification	Uracil Density	% amplification	Uracil Density
<i>ung1</i> + 0uM 5FU	73.5±6.7	1.01±0.29	73.2±13	1.03±0.42
<i>ung1</i> + 1uM 5FU	78.1±2.8	0.81±0.122	61.7±4.0	1.17±0.16
<i>ung1</i> + 5uM 5FU	51.6±6.1	2.18±0.39	42.3±4.2	2.08±0.26
<i>ung1</i> + 10uM 5FU	49.0±5.1	2.34±0.34	29.3±5.6	3.01±0.45

Primers	WT		<i>ung1</i>		<i>ung1 dcd1</i>	
	-dox	+dox	-dox	+dox	-dox	+dox
LYS2 3KB	0.451±0.18	0.072±0.11	1.53±0.18	0.93±0.11	2.05±0.26	1.13±0.18
LYS2 4KB	0.526±0.27	0.21±0.22	1.31±0.20	0.64±0.29	2.09±0.34	1.35±0.22
CAN1 3KB	0.245±0.21	0.16±0.18	0.26±0.155	0.36±0.37	1.38±0.41	1.34±0.37
TDH3 3KB	0.404±0.21	0.51±0.21	0.975±0.35	1.20±0.69	1.6±0.24	1.62±0.30