

Supplemental Table 2. Differences in mutant frequencies with or without UV-light irradiation in *pol2rc-ΔN* vs. wild-type strains*

UV dose	Mutant frequency × 10 ⁻⁷ , mean ± SEM				Survival %, mean ± SEM	
	Can ^r		His ⁺			
	wt	<i>pol2-ΔN</i>	wt	<i>pol2-ΔN</i>	wt	<i>pol2-ΔN</i>
No UV	32.7 ± 10.8	236.6 ± 33.7 p<0.00001	0.3 ± 0.08	2.3 ± 0.4 p<0.00001	100	100
UV, 10 J/m ²	283.8 ± 54.7	453.7 ± 111.8 p=0.09029	6.0 ± 0.9	10.7 ± 1.1 p= 0.001684	93.7 ± 4.6	94.8 ± 5.9 p= 0.459157
UV, 20 J/m ²	860.9 ± 203.2	697.7 ± 150.4 p= 0.261212	16.5 ± 1.4	25.2 ± 1.9 p=0.000298	77.3 ± 2.6	73.9 ± 4.9 p=0.269633
UV, 40 J/m ²	2602.3 ± 684.5	1393.5 ± 285.3 p= 0.05576	59.2 ± 2.9	72.7 ± 3.9 p=0.004302	43.5 ± 2.0	35.3 ± 2.0 p= 0.002848

* The P values for statistically significant differences are underlined (one-tailed t-test).