

**S8 Table. Gene conversion tract lengths in *mlh3Δ*, Wild type, *mlh3-23*, *mlh3-32* and *mlh3-D523N* mutants.**

Strain	E2 median (kb)	P value	E1 median (kb)	P value	E4 median (kb)	P value
<i>mlh3Δ</i>	2.19		1.50		2.28	
Wild type	1.79	0.005	1.46	0.51	3.01	0.37
<i>mlh3-23</i>	1.96	0.18	1.42	0.37	2.03	0.69
<i>mlh3-32</i>	1.84	0.034	1.34	0.045	2.23	0.65
<i>mlh3-D523N</i>	1.96	0.49	1.48	0.43	2.59	0.40

E1, E2, E4 are classified by groupEvents [34]. P-values show statistical significance of difference in median CO and NCO gene conversion tract lengths of wild-type and *mlh3* alleles compared to *mlh3Δ* using the Wilcoxon rank sum test (Methods).