

Strain	WT	<i>msh2</i> Δ	<i>rnr1-Y285A</i>	<i>rnr1-Y285A msh2</i> Δ
Rates	4.2 x10 ⁻⁷	67 x10 ⁻⁷	57 x10 ⁻⁷	2236 x10 ⁻⁷
# Individuals	94	164	173	259

Classification ^a	Hotspot	Mutation	Rate x 10 ⁻⁸				MMR cf ^b	
			WT	Δ <i>msh2</i>	<i>rnr1-Y285A</i>	<i>rnr1-Y285A msh2</i> Δ	WT	<i>rnr1-Y285A</i>
1	540-543	ΔT	< 0.45 ^c	28	< 3.0	86 ^d	>62	>29
	620-625	ΔT	0,45	49	< 3.0	1810	110	>600
		+T	0,90	20	< 3.0	600	22	>200
		Total	1,3	69	< 3.0	2410	53	>800
	735-739	ΔT	< 0.45	20	3,0	520	>44	170
		+T	< 0.45	4,1	< 3.0	86 ^d	>9	>29
		Total	< 0.45	24	3,0	600	>53	200
	964-969	ΔA	< 0.45	77	< 3.0	950	>170	>320
		+A	< 0.45	8,2	< 3.0	86 ^d	>18	>29
		Total	< 0.45	86	< 3.0	1040	>190	>350
	1118-1121	ΔT	< 0.45	8,2	< 3.0	1120	>18	>370
	1381-1386	ΔT	< 0.45	49	< 3.0	690	>150	>230
		+T	< 0.45	12	< 3.0	260	>27	>87
	Total	< 0.45	61	< 3.0	950	>140	>320	
1392	G → A	< 0.45	8,2	< 3.0	690	>18	>230	
	G → T	< 0.45	< 4.1	< 3.0	86 ^d	>9	>29	
	Total	< 0.45	8.2	< 3.0	780	>18	>260	
2	109-111	ΔG	< 0.45	< 4.1	13	< 86	>9	>7
	142	G → T	< 0.45	< 4.1	13	86 ^d	>9	7
	522	G → A	< 0.45	< 4.1	6,6	690	>9	100
	648	C → A	< 0.45	< 4.1	20	340	>9	17
	718-720	ΔG	< 0.45	< 4.1	20	< 86	>9	>4
	806-809	ΔG	< 0.45	< 4.1	46	520	>9	11
	1279	G → T	0,45	4,1	6,0	600	9	100
	1440	C → A	< 0.45	< 4.1	13	340	>9	26
2 or 3 Note <i>msh2</i> Δ not >10x wt	314	G → A	0,9	4,1	9,9	770	5	78
		G → T	< 0.45	4,1	13	< 86	>9	>29
		Total	0,9	8,2	23	770	9	33
3	313	G → T	< 0.45	8,2	9,9	1380	>18	140
	757-760	ΔG	< 0.45	20	16	170	>44	11
	795-797	ΔC	< 0.45	8,2	89	690	>18	8
	857-859	ΔG	< 0.45	12	120	600	>27	5
	1379	G → T	< 0.45	4,1	6,0	430	>9	72
		G → A	< 0.45	4,1	< 3.0	170	>9	>57
	Total	< 0.45	8,2	6,0	600	>18	100	