

Supplemental Table 2 Comparison of sex averaged recombination rate in regions with a high density of 8-oxoG (G) vs. recombination rate in regions without a high density of 8-oxoG (N).

Chromosome	Recombination rate (Average)		P-value*
	G	N	
Chr1	1.301	1.207	0.5397 (NS)
Chr2	1.172	1.011	0.0564 (NS)
Chr3	1.145	1.080	0.7277 (NS)
Chr4	1.239	0.903	0.1052 (NS)
Chr5	1.226	1.046	0.0276
Chr6	1.401	0.922	<0.0001
Chr7	1.156	1.042	0.1257 (NS)
Chr8	1.365	0.995	0.0004
Chr9	1.302	1.425	0.1303 (NS)
Chr10	1.499	1.156	0.0210
Chr11	1.390	0.916	<0.0001
Chr12	1.551	1.041	0.0028
Chr13	1.273	1.013	0.2216 (NS)
Chr14	1.792	1.144	0.0027
Chr15	1.797	1.390	0.0613 (NS)
Chr16	1.760	1.748	0.9621 (NS)
Chr17	1.886	1.333	0.0046
Chr18	1.869	1.177	<0.0001
Chr19	2.558	1.626	0.0094
Chr20	1.457	1.727	0.1968 (NS)
Chr21	1.979	1.875	0.8542 (NS)
Chr22	2.165	1.567	0.0769 (NS)
Total	1.426	1.125	<0.0001

*P-values were obtained with the Mann-Whitney U-test.

NS : Not significant.