

SUPPLEMENTARY INFORMATION

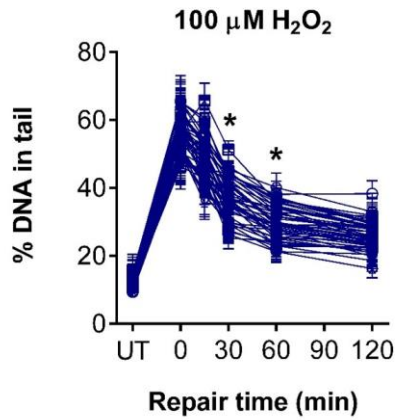


Figure S1. Analysis of repair kinetics for individuals analyzed once. Differences between 46 single visit individuals at each timepoint were evaluated using analysis of variance (one-way ANOVA). Statistically significant differences ($p < 0.05$) are observed at after 30 and 60 minutes of repair. See also Tables S2 and S3.

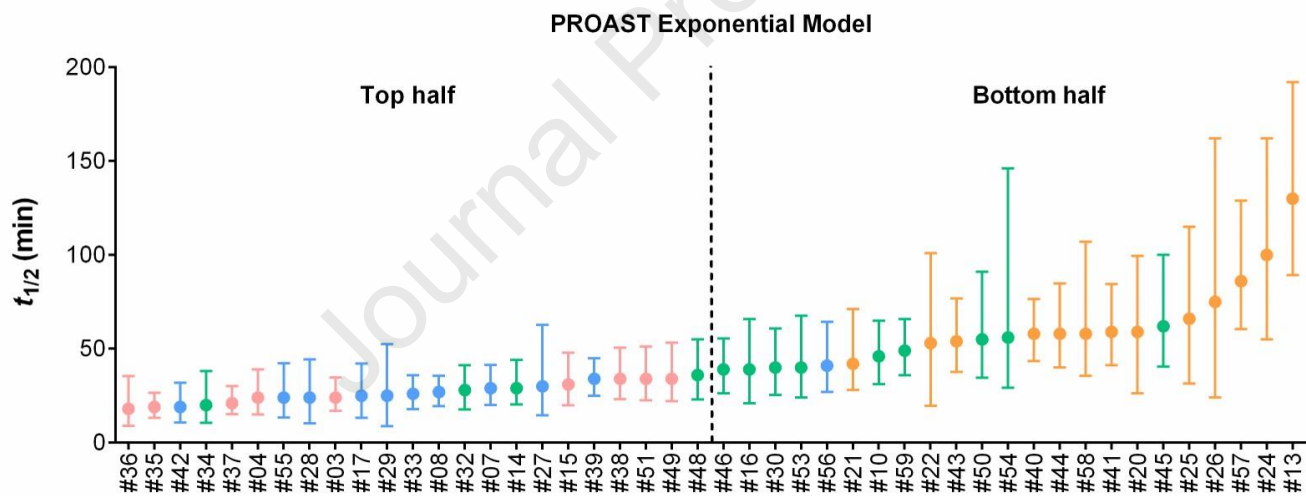


Figure S2. PROAST $t_{1/2}$ values of 46 single visit individuals.

	#01	#02	#05	#06	#09	#11	#12	#18	#19	#23	Total score (1 = 1 difference)
#01							15 min		30 min		2
#02							15 min		30 min		2
#05					UT	60 min; 120 min					3
#06							120 min		60 min		2
#09			UT				120 min				2
#11			60 min; 120 min				60 min; 120 min	120 min	60 min; 120 min		7
#12	15 min	15 min		120 min	120 min	60 min; 120 min					6
#18						120 min					1
#19	30 min	30 min		60 min		60 min; 120 min					5
#23											0

Table S1. Summary of differences between repeat visit individuals by one-way analysis of variance (ANOVA).

		Raw %DNA in tail		Background corrected %DNA in tail	
		<i>F</i> -statistic	<i>p</i> -value	<i>F</i> -statistic	<i>p</i> -value
Repair time	Untreated	0.64	0.95		
	0 min	0.58	0.98	0.64	0.95
	15 min	1.15	0.28	1.08	0.36
	30 min	2.03	< 0.05	1.44	0.07
	60 min	1.92	< 0.05	1.30	0.15
	120 min	1.03	0.44	0.92	0.62

Table S2. Analysis of variance (ANOVA) of 46 single visit individuals.

	Degree of freedom
Between people	45
Between repeat experiments	92
Total	137

Table S3. Calculation of degrees of freedom of 46 single visit individuals.