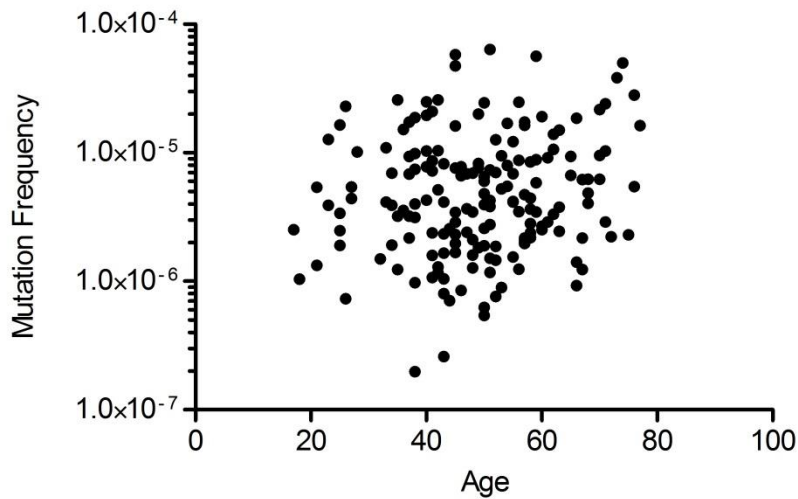
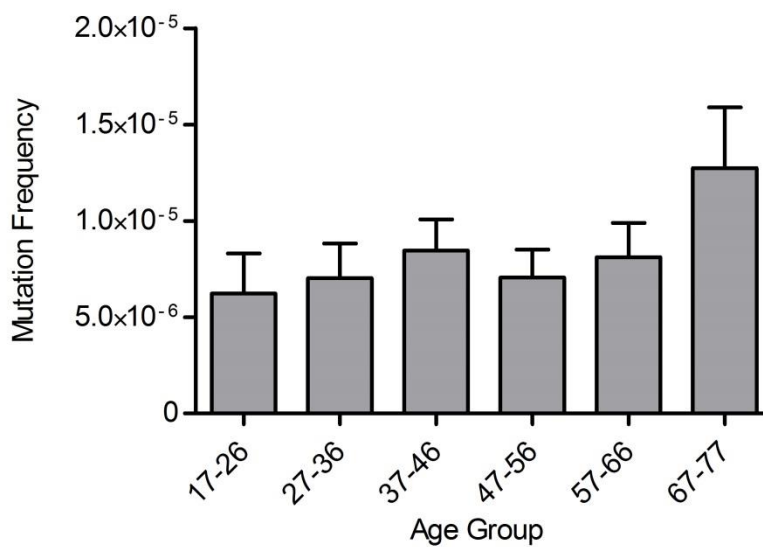


**Figure S1:** RMC analysis with zero values removed.

**A)** Frequency of mtDNA mutations detected in human colorectal mucosa. Mutation frequency per base pair was measured by RMC in colorectal mucosal biopsies from 207 volunteers with no colorectal disease. When zero values were removed there was no correlation between mtDNA mutation frequency and age (Pearson correlation = 0.136 ( $p=0.07$ )). **B)** Frequency of mtDNA mutations detected in human colonic mucosa by RMC grouped by decade with zero values removed. There were no significant differences between any of the groups ( $p=0.46$ , One Way ANOVA).



**A**



**B**