

Table S1: Multiple Linear Regression (MLR) analysis of CpG  $\rightarrow$  CpA/TpG substitution rate in relation to CpG methylation level and female recombination rate.

Partial correlations significant below a p-value threshold of 0.05 are printed in bold.

	chicken		human	
	partial correlation	<i>p</i> -value	partial correlation	<i>p</i> -value
CpG methylation level	<b>0.269</b>	$1.30 \cdot 10^{-15}$	<b>0.369</b>	$< 2 \cdot 10^{-16}$
Female recombination rate	<b>-0.436</b>	$< 2 \cdot 10^{-16}$	-0.029	$3.49 \cdot 10^{-1}$
	$R^2 = 0.27$		$R^2 = 0.14$	