

**Table S1. Comparison of somatic (blood) to germline mutation frequencies**

	A or T mutation frequency	C or G mutation frequency
Somatic (blood)	$4.5 \times 10^{-6}$	$2.8 \times 10^{-5}$
Germline	$8.7 \times 10^{-6}$	$8.0 \times 10^{-5}$

Data from *PTPN11* experiments