

**S5 Table**

<b>Intergenic region</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>CpG island</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>Promoter</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>5' UTR exons</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	$1.77 \times 10^{-195}$	0.00	0.00
Transition SNPs	$1.77 \times 10^{-195}$	1.00	$3.58 \times 10^{-127}$	0.00
Transversion SNPs	0.00	$3.58 \times 10^{-127}$	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>Coding exons</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>3' UTR exons</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>All exons</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>Introns</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00
<b>Intragenic region</b>				
	All variants	Transition SNPs	Transversion SNPs	Indels
All variants	1.00	0.00	0.00	0.00
Transition SNPs	0.00	1.00	0.00	0.00
Transversion SNPs	0.00	0.00	1.00	0.00
Indels	0.00	0.00	0.00	1.00