

Table S4

**Apobec 3G - LD Calculations
1000G- All Groups**

RS_number	S60S 1.13E+08	F119F 5757465	H186R 8177832	R256H 17000736	Q275E 17496046	G363R 1.48E+08	L371L 11545130
	D'	D'	D'	D'	D'	D'	D'
rs112603901	1	1	1	1	1	1	1
rs5757465	1	1	1	1	1	1	1
rs8177832	1	1	1	1	1	1	1
rs17000736	1	1	1	1	1	1	1
rs17496046	1	1	1	1	1	1	1
rs148267053	1	1	1	1	1	1	1
rs11545130	1	1	1	1	1	1	1
	R ²	R ²	R ²	R ²	R ²	R ²	R ²
rs112603901	1	0	0	0	0	0	0
rs5757465	0	1	0.068	0.002	0.024	0.002	0.003
rs8177832	0	0.068	1	0.001	0.01	0.001	0.001
rs17000736	0	0.002	0.001	1	0	0	0
rs17496046	0	0.024	0.01	0	1	0	0
rs148267053	0	0.002	0.001	0	0	1	0
rs11545130	0	0.003	0.001	0	0	0	1

**Apobec 3G - LD Calculations
1000G- AFR Group**

RS_number	S60S 1.13E+08	F119F 5757465	H186R 8177832	R256H 17000736	Q275E 17496046	G363R 1.48E+08	L371L 11545130
	D'	D'	D'	D'	D'	D'	D'
rs112603901	1	1	1	1	1	1	1
rs5757465	1	1	1	1	1	1	1
rs8177832	1	1	1	1	1	1	1
rs17000736	1	1	1	1	1	1	1
rs17496046	1	1	1	1	1	1	1
rs148267053	1	1	1	1	1	1	1
rs11545130	1	1	1	1	1	1	1
	R ²	R ²	R ²	R ²	R ²	R ²	R ²
rs112603901	1	0	0.002	0	0	0	0
rs5757465	0	1	0.022	0	0.004	0	0.001
rs8177832	0.002	0.022	1	0.011	0.108	0.011	0.021
rs17000736	0	0	0.011	1	0.002	0	0
rs17496046	0	0.004	0.108	0.002	1	0.002	0.004
rs148267053	0	0	0.011	0	0.002	1	0
rs11545130	0	0.001	0.021	0	0.004	0	1

No results were obtained for: A109A (rs375760983). Nonsynonymous SNPs are indicated in **BOLD**