

Table S5

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

RS_number	N15A 140936762	R18K 139293	T43T 139294	G105R 139297	K121E 139298	K140E 139300	E178D 139302
	D'	D'	D'	D'	D'	D'	D'
rs140936762	1	1	0.995	0.962	0.961	NA	0.922
rs139293	1	1	0.992	0.952	0.952	NA	0.931
rs139294	0.995	0.992	1	0.973	0.973	NA	0.934
rs139297	0.962	0.952	0.973	1	1	NA	0.984
rs139298	0.961	0.952	0.973	1	1	NA	0.984
rs139300	NA	NA	NA	NA	NA	NA	NA
rs139302	0.922	0.931	0.934	0.984	0.984	NA	1
	R²	R²	R²	R²	R²	R²	R²
rs140936762	1	0.543	0.434	0.39	0.382	NA	0.372
rs139293	0.543	1	0.234	0.207	0.203	NA	0.206
rs139294	0.434	0.234	1	0.91	0.891	NA	0.87
rs139297	0.39	0.207	0.91	1	0.98	NA	0.933
rs139298	0.382	0.203	0.891	0.98	1	NA	0.914
rs139300	NA	NA	NA	NA	NA	NA	NA
rs139302	0.372	0.206	0.87	0.933	0.914	NA	1

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

RS_number	N15A 140936762	R18K 139293	T43T 139294	G105R 139297	K121E 139298	K140E 139300	E178D 139302
	D'	D'	D'	D'	D'	D'	D'
rs140936762	1	1	1	1	1	NA	0.678
rs139293	1	1	1	1	1	NA	1
rs139294	1	1	1	0.993	0.993	NA	0.773
rs139297	1	1	0.993	1	1	NA	1
rs139298	1	1	0.993	1	1	NA	1
rs139300	NA	NA	NA	NA	NA	NA	NA
rs139302	0.678	1	0.773	1	1	NA	1
	R²	R²	R²	R²	R²	R²	R²
rs140936762	1	0.161	0.092	0.063	0.063	NA	0.037
rs139293	0.161	1	0.015	0.01	0.01	NA	0.013
rs139294	0.092	0.015	1	0.674	0.674	NA	0.517
rs139297	0.063	0.01	0.674	1	1	NA	0.791
rs139298	0.063	0.01	0.674	1	1	NA	0.791
rs139300	NA	NA	NA	NA	NA	NA	NA
rs139302	0.037	0.013	0.517	0.791	0.791	NA	1

NA= not calculated. Nonsynonymous SNPs are indicated in **BOLD** font.