

Supplemental Table S3 - Linkage relationship of *TERT* variants in previously reported loci. LD

(r^2 and D') were calculated using LD Link (<https://ldlink.nci.nih.gov>).

LD is calculated for both All Populations and Europeans (CEU) based on 1000 genomes information.

All Populations

	rs2736100	rs7705526	rs2853677	rs4635969
rs2736100	1			
rs7705526	$D' = 0.806; r^2 = 0.437$	1		
rs2853677	$D' = 0.990; r^2 = 0.494$	$D' = 0.656; r^2 = 0.322$	1	
rs4635969	$D' = 0.373; r^2 = 0.030$	$D' = 0.519; r^2 = 0.029$	$D' = 0.595; r^2 = 0.051$	1

All European

	rs2736100	rs7705526	rs2853677	rs4635969
rs2736100	1			
rs7705526	$D' = 0.356; r^2 = 0.015$	1		
rs2853677	$D' = 0.784; r^2 = 0.435$	$D' = 0.507; r^2 = 0.185$	1	
rs4635969	$D' = 0.279; r^2 = 0.018$	$D' = 0.356; r^2 = 0.015$	$D' = 0.616; r^2 = 0.062$	1

SNPs associated with:

testicular germ cell tumors - rs2736100 (Turnbull 2010; Litchfield 2017; Wang 2017) and rs4635969 (Turnbull 2010; Ruarck 2013; Wang 2017).

telomere length - rs2736100 (Codd 2013), rs7705526 (Li 2020), and rs2853677 (Li 2020).

