

Supplementary table 1 Chromosome 7q31 STR genotypes linked to L676Q

Ethnicity	Subject	STR genotype		
		D7S496	D7S2459	D7S2456
Korean	KF-3	133	<u>139</u>	<u>240</u>
Mongolian	MD45	<u>119</u> */129	<u>139</u> †/145	<u>240</u> ‡/248
	MD331	<u>119</u> */133	<u>139</u> †	<u>240</u> ‡
	MD336	<u>119</u> */129	<u>139</u> †/145	<u>240</u> ‡/242
	MD663	<u>119</u> */121	<u>139</u> †	<u>240</u> ‡
	MC38	<u>119</u> */133	<u>139</u> †/145	238/ <u>240</u> ‡

STR genotypes are shown (allele sizes in bp) for six unrelated L676Q heterozygotes. Meiotic phase could not be assigned to define haplotypes in some subjects. Alleles in potential linkage disequilibrium with L676Q are underlined.

*Significantly associated with L676Q in Mongolian subjects (p=0.0006).

†Significantly associated with L676Q in Mongolian subjects (p=0.00005).

‡Not significantly associated with L676Q in Mongolian subjects (p=0.057).