

**Table S8** Four previously unreported intra-population second-degree relative pairs in the Latino data set

Population		Identification number		RELPAIR inference: Avuncular (AV), grandparental (GG), or half-sibling (HS)	Support for inference: RELPAIR (R) or allele-sharing (A)
ID	Name	First individual	Second individual		
882	Quetalmahue	2282	2288	AV	R,A
885	Salta	2169	2180	AV	R,A
883	Paposo	2267	2268	HS	R,A
883	Paposo	2267	2274	HS	R,A