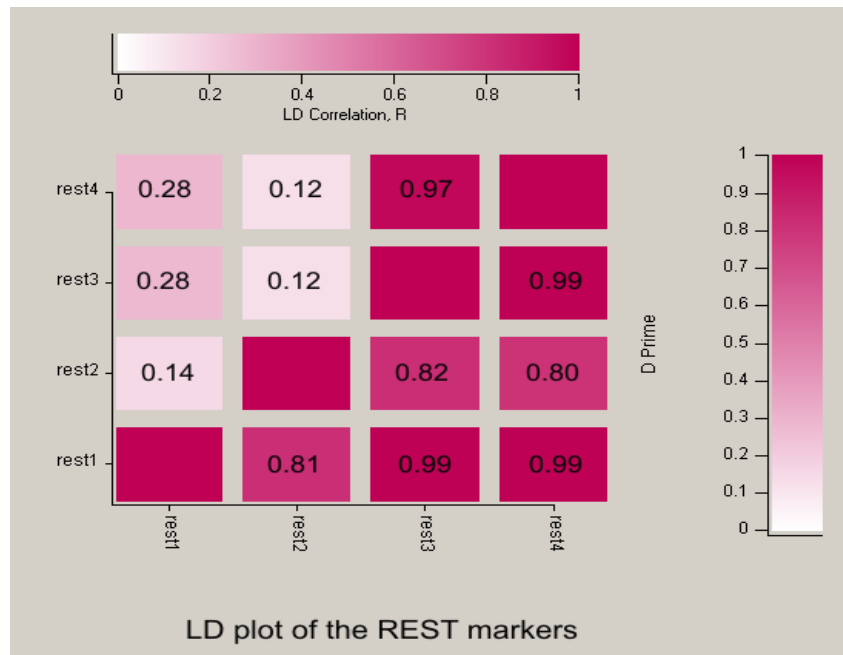


## SUPPLEMENTARY MATERIAL



Marker	rs number	MAF	HWE	A1/A1	A1/A2	A2/A2	Total	Call rate
Rest1	rs1623306	0.247	0.90	413	273	44	730	0.979
<b>Rest2</b>	<b>rs2227902*</b>	0.091	0.20	568	120	3**	691	0.927
Rest3	rs3796529	0.189	0.72	470	216	27	713	0.957
Rest4	rs2227901	0.195	0.83	475	229	29	733	0.983

Figure S1 - Linkage disequilibrium plot and summary of genotype data for the REST polymorphisms tested in this study.

MAF, minor allele frequency; HWE, Hardy-Weinberger Equilibrium; A1, common allele; A2, variant allele

\*This SNP was found in perfect LD with the 48bp VNTR and encompasses a novel 3-marker haplotype.

\*\*Genotype group not considered for analysis due to small sample size (n<20)