

## Supplementary data:

### Polymorphisms in the pituitary growth hormone gene and its receptor associated with coronary artery disease in a predisposed cohort from India

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**Table 1.** Novel sequence polymorphisms discovered in the study cohort in the GH1 gene promoter region and submitted to dbSNP.

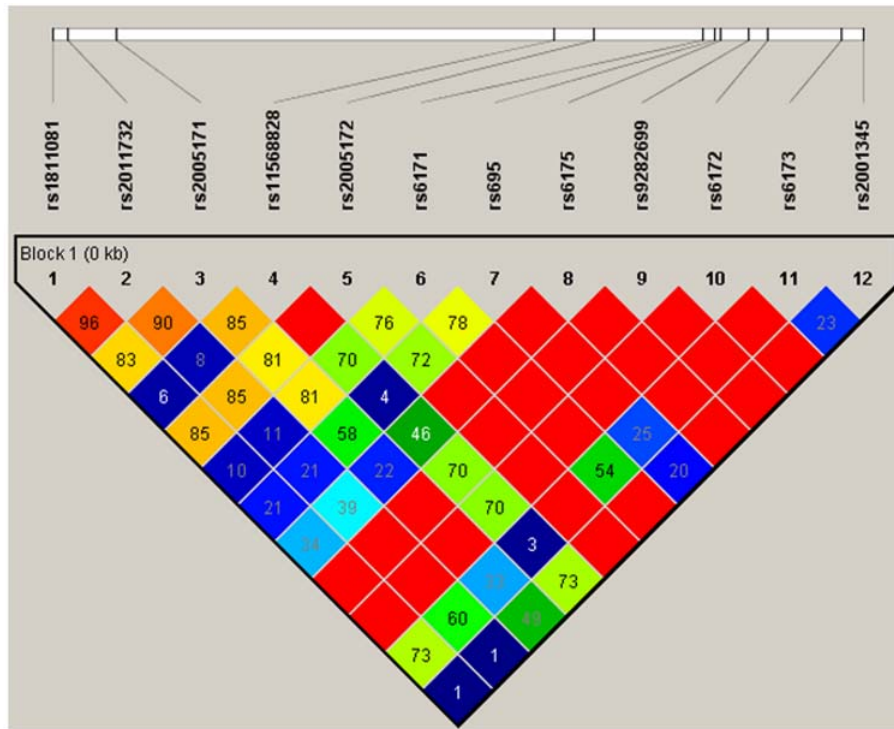
NCBI ss#	NCBI rs#	Polymorphism	
		Reference Allele	Variant Allele
99307466	rs71651674	C	A
99307467	rs71651675	T	G
99307468	rs68096070	G	A
99307469	rs71651676	C	G
99307470	rs71651677	T	C
99307471	rs61762493	G	A
99307472	rs71651678	G	C
99307473	rs71651679	G	T
119994697	–	G	A
119994698	–	G	A
119994699	–	G	A
119994700	–	T	C

**Table 2a.** Correspondence analysis of GH1 promoter SNPs; a) Analysis of contingency table

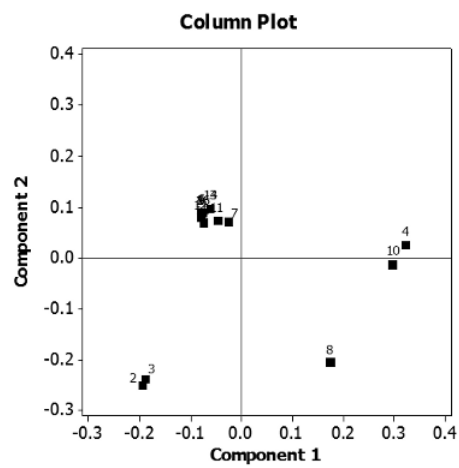
Axis	Inertia	Proportion	Cumulative
1	0.0263	0.4666	0.4666
2	0.0164	0.2912	0.7578

**Table 2b.** Column contributions of correspondence analysis.

SNP ID	RefSeq ID	Inertia	Component 1		Component 2	
			Coordinate	Correlation	Coordinate	Correlation
1	rs2005170	0.015	–0.079	0.398	0.087	0.477
2	rs1811081	0.13	–0.194	0.347	–0.251	0.58
3	rs2011732	0.121	–0.189	0.354	–0.24	0.573
4	rs2005171	0.169	0.322	0.895	0.025	0.005
5	rs7219235	0.015	–0.079	0.398	0.087	0.477
6	rs2727338	0.017	–0.076	0.327	0.089	0.443
7	rs11568828	0.044	–0.026	0.016	0.07	0.116
8	rs2005172	0.142	0.173	0.339	–0.207	0.486
9	rs11568827	0.015	–0.079	0.398	0.087	0.477
10	rs6171	0.164	0.297	0.783	–0.013	0.002
11	rs695	0.056	–0.046	0.038	0.072	0.096
12	rs6175	0.021	–0.079	0.294	0.078	0.286
13	rs9282699	0.024	–0.06	0.15	0.097	0.39
14	rs6172	0.024	–0.06	0.15	0.097	0.39
15	rs6173	0.024	–0.075	0.23	0.067	0.184
16	rs2001345	0.019	–0.076	0.289	0.088	0.387



**Figure 1.** Haploview GOLD heatmap of the polymorphic SNPs in the proximal promoter region of *GHI*;  $D'$  values are indicated. The colour scheme from blue to red indicates increasing  $D'$  values.



**Figure 2.** Correspondence analysis of 12 *GHI* promoter SNPs. SNPs are numbered as indicated in supplementary table 2b.