

S6 Table. MAGMA gene-based GWAS results

Gene	Chr	Start	Stop	NSNPS	NPARAM	No.	ZSTAT	p-value	Symbol
ENSG00000184276	11	71544246	71548756	17	2	6,080	7.7173	5.9397E-15	<i>DEFB108B</i>
ENSG00000158483	11	71498556	71512282	74	5	6,080	7.5789	1.7431E-14	<i>FAM86C1</i>
ENSG00000167653	8	143751726	143764142	59	4	6,080	7.574	1.8097E-14	<i>PSCA</i>
ENSG00000104731	16	87730091	87799598	123	12	6,080	6.1094	5E-10	<i>KLHDC4</i>
ENSG00000198576	8	143692405	143696833	14	3	6,080	5.9951	1.0168E-09	<i>ARC</i>
ENSG00000204498	6	31514647	31526606	64	13	6,080	4.4072	5.2361E-06	<i>NFKB1I</i>
ENSG00000139304	12	80799774	81072802	412	14	6,080	4.2728	9.6499E-06	<i>PTPRQ</i>

GWAS, genome-wide association study.