

Table S.1: **Summary of 22 Genes and the Number of Genetic Variants in Each Gene Region by Mar. 2006 (NCBI36/hg18).** The number of variants is the number of genetic variants in a region of **Start (-5Kb) - End (+5Kb) Positions.** * The gene region of *PCSK9* is (55277737, 55303114), and (55271537, 55286109) is the region in the database. # The length is the length of the region in bp.

Gene	Chromosome Region	Gene Positions (bp)	Start (-5Kb) - End (+5Kb) Positions (Length#)	Number of Variants
<i>PCSK9</i> *	1	55277737 - 55303114	55271537 - 55286109 (14572)	74
<i>APOB</i>	2	21077806 - 21120450	21072806 - 21125450 (52644)	223
<i>IGF2BP2</i>	3	186844221 - 187025521	186839221 - 187030521 (191300)	231
<i>CDKAL1</i>	6	20642667 - 21340613	20637667 - 21345613 (707946)	560
<i>JAZF1</i>	7	27836718 - 28186962	27831718 - 28191962 (360244)	384
<i>LPL</i>	8	19840862 - 19869050	19835862 - 19874050 (38188)	212
<i>CDKN2B</i>	9	21992902 - 21999312	21987902 - 22004312 (16410)	64
<i>CDC123</i>	10	12277971 - 12332593	12272971 - 12337593 (64622)	265
<i>IDE</i>	10	94201421 - 94323832	94196421 - 94328832 (132411)	327
<i>KIF11</i>	10	94342805 - 94405132	94337805 - 94410132 (72327)	216
<i>HHEX</i>	10	94439661 - 94445388	94434661 - 94450388 (15727)	30
<i>TCF7L2</i>	10	114699999 - 114917426	114694999 - 114922426 (227427)	258
<i>KCNQ1</i>	11	2422797 - 2826916	2417797 - 2831916 (414119)	660
<i>MTNR1B</i>	11	92342437 - 92355596	92337437 - 92360596 (23159)	106
<i>HMGA2</i>	12	64504507 - 64646338	64499507 - 64651338 (151831)	214
<i>TSPAN8</i>	12	69805144 - 69838046	69800144 - 69843046 (42902)	54
<i>HNF1A</i>	12	119900932 - 119924697	119895932 - 119929697 (33765)	71
<i>OASL</i>	12	119942478 - 119961428	119937478 - 119966428 (28950)	108
<i>FTO</i>	16	52295376 - 52705882	52290376 - 52710882 (420506)	191
<i>LDLR</i>	19	11061038 - 11105505	11056038 - 11110505 (54467)	43
<i>APOE</i>	19	50100879 - 50104490	50095879 - 50109490 (13611)	35
<i>GIPR</i>	19	50863342 - 50877557	50858342 - 50882557 (24215)	37