

Gene	Chr	NON-COD BP	COD BP	Total BP
<i>BMPR1B</i>	4	498,965	1,509	500,474
<i>HAPLN1</i>	5	178,890	1,065	179,955
<i>EFHA2</i>	8	193,807	1,593	195,400
<i>CPN1</i>	10	138,201	1,377	139,578
<i>GALNTL4</i>	11	449,306	1,824	451,130
<i>KCNJ15</i>	21	143,955	1,128	145,083
Total Mb		1,603,124 (99.47%) <sup>a</sup>	8,496 (0.52%) <sup>a</sup>	1,611,614

a: percentage of total target region

**Table S3: Target regions for enrichment.** These 6 genomic regions were selected for sequence enrichment on the basis of preliminary rare variant association to Type 2 Diabetes. The target regions include 50Kb upstream and down stream of the translation start and stop sites for each gene, and include both protein coding (COD) and non-coding (NON-COD) sequence.