HABC Gentoype Data Submission Form

Submitting Investigator	
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Date Submitted	8/24/2007
Ancillary Study Reference #	AS03-40
Polymorphism Information	(If multiple SNPs, use attached template)
Name	(see attached template)
RS# or Unique Identifier	
Gene	
Chromosome position	
Allele frequencies	
Assay Information	
Genotyping Method	Illumina Golden Gate Assay
Genotypes in HWE (Y/N) (attach HWE Form)	(see attached template)
Amount of DNA used	
PCR primers	
PCR Components **and** Concentrations (Taq, buffer, $MgCl_2$, primers, DMSO, other reagents)	
PCR Cycling conditions (time and temperature for each step, # of cycles, etc.)	
Detection Oligo(s) (if applicable)	
Other Reaction Conditions (detection reaction components, incubation conditions, gel %, etc.)	
Other Assay Info	

snp	gene	Chr	Genotyping method	oligo1	oligo2	oligo3	white.HWE.P.val	black.HWE.P.val
MC4R-I251L	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGCAGACAACAAAGACGCCAAT	GAGTCGAGGTCATATCGTGCAGCAGACAACAAAGACGCCAAG	AGGATGGTCAAGGTAATCGATGCGTGAGTTGCTAAGCCGTGGTCTGCCTATAGTGAGTC	0.353	1
MC4R-V103I	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCGTTTCAAATGGATCAGAAACCATTA	GAGTCGAGGTCATATCGTCGTTTCAAATGGATCAGAAACCATTG	CATCACCCTATTAAACAGTACAGAAGAAGCTGCTATGGCGTCGTGTGTCTGCCTATAGTGAGTC	1	1
rs1000586	OTP	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACCACCAACCCCAGTCTGGGA	GAGTCGAGGTCATATCGTACCACCAACCCCAGTCTGGGG	AGGGTCAGGTGGGGAGAGTGTTCTGGACTATCACGAACCCGGTCTGCCTATAGTGAGTC	0.5537	0.5947
rs10021007	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGGGACTGAGATAGGACCTTGAGAGT	GAGTCGAGGTCATATCGTGCAGGGACTGAGATAGGACCTTGAGAGG	TTTTTTCTTCCCAATGAAGAAGTGAGACGAAGGTACGCGGTTCAGTCTGCCTATAGTGAGTC	0.4823	0.7643
rs10022413	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCATTATAAAACTATACTGGCCCTGCAT	GAGTCGAGGTCATATCGTTCATTATAAAACTATACTGGCCCTGCAC	GAGAATTTTTAGCCTACTTTTCTTGGTTGTAACGTCGGAAGCTACCTTGGTCTGCCTATAGTGAGTC	0.1547	0.7168
rs10081630	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGAAAATTTTTCTTATTGATTTGCTCT	GAGTCGAGGTCATATCGTGTGGAAAATTTTTCTTATTGATTTGCTCA	TGTATTCTTTCCATTTATTCTTTCAGGGCACTATTACTCGCTAACCGGTCTGCCTATAGTGAGTC	0.2497	0.2176
rs10082121	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACAGAAGGAGATTTTACAGCACACT	GAGTCGAGGTCATATCGTCACAGAAGGAGATTTTACAGCACACC	TGTTTTGAGTCTCAAAAACACACTCGTGCTTATCTTGGACACATGAGTCTGCCTATAGTGAGTC	0.02702	0.4108

rs1011527	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCCATCCCCGCACCAGTT	GAGTCGAGGTCATATCGTCCCATCCCCGCACCAGTC	TGTGGCCAGAGAGTTGGAATATATGTTCGACTGTCGCCGCAAGAGTCTGCCTATAGTGAGTC	1	0.02037
rs10115908	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTGCACATATCTTTATTTCAGTCCAT	GAGTCGAGGTCATATCGTGTTTGCACATATCTTTATTTCAGTCCAC	TCAACACATTCGTGTTTATACAGTAATGCTTCTCGTGATATGGCCGGGTCTGCCTATAGTGAGTC	0.001938	0.3958
rs10125141	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCCTGCAGTAAATGGTAGCTAGAT	GAGTCGAGGTCATATCGTGGCCTGCAGTAAATGGTAGCTAGAC	TTAAACATTAGCCACACAGCTACGCAACCTGATTGTCCTCGGGTAGTCTGCCTATAGTGAGTC	0.007922	0.5048
rs1013402	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTTTTAGGGGGAAACACACAATTTA	GAGTCGAGGTCATATCGTGTTTTTTAGGGGGAAACACACAATTTG	AAAAACTGTCAAGTGAAGAACAGAGCAGGAGAGCTAGTTCCGTCGGTCTGCCTATAGTGAGTC	0.2197	0.8196
rs10158279	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTATGTATAGTGACCTTTATCTGCAGCTT	GAGTCGAGGTCATATCGTTGTATGTATAGTGACCTTTATCTGCAGCTG	AGAAACATACAGAAGAATTTCACTGGCACGGCTCCATATTCGGACATGTCTGCCTATAGTGAGTC	0.9217	0.1028
rs1017607	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAACTCAGCTTTCTCAGCTGCTGTTAT	GAGTCGAGGTCATATCGTAACTCAGCTTTCTCAGCTGCTGTTAC	ATTTTTTGTTTTATCAGCATCATATTAGCAAGCGCCTCATGTATCGGGTCTGCCTATAGTGAGTC	0.7689	0.9383
rs10188864	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGGAGCTCAGACAATCTTGAAAT	GAGTCGAGGTCATATCGTGGAGGAGCTCAGACAATCTTGAAAC	GATTCTATGCCGGGATTTATTATCTGTCATGGAGGTTCCGCATAATGTCTGCCTATAGTGAGTC	1	0.7233

rs10195561	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCGGAGCTGGATGGAGACTTGGT	GAGTCGAGGTCATATCGTCGGAGCTGGATGGAGACTTGGC	GGTGAGAGGAAGCTAAGGACTAATGTTGACCCGGATCTCGTCCGTCTGCCTATAGTGAGTC	1	1
rs10202934	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCCCTGGTTCTCAGCCCA	GAGTCGAGGTCATATCGTGGGCCCTGGTTCTCAGCCCG	TTACCTTTTCCTCCCAAGTTCTTACTGCGCTCCTAATTGGCACCGTCTGCCTATAGTGAGTC	0.4411	0.9347
rs10216248	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCGATGGAAATTGAAAAGCAAA	GAGTCGAGGTCATATCGTGGCGATGGAAATTGAAAAGCAAG	ATGAGTGTGAGGTGAAGCACACTGGTCATTATTCGTGGGAGCTGGTCTGCCTATAGTGAGTC	1	0.6219
rs10223009	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAAACCACAGTATTTCCTACCCTTGAT	GAGTCGAGGTCATATCGTAAAACCACAGTATTTCCTACCCTTGAC	CTGAGATATGCGATGAATATATCTACTCTGTGAGCGTTATCGACCCGTCTGCCTATAGTGAGTC	0.8843	0.7708
rs10244329	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGTTTGAGAATTTACATATTTAACTTCAA	GAGTCGAGGTCATATCGTGTGGTTTGAGAATTTACATATTTAACTTCAT	GCAAGGAAGAACATTTATTTTTATGTCACCTCCTGAGCGAAGTACAGTCTGCCTATAGTGAGTC	0.26	0.1426
rs10249476	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGCAGCAAGTATCAGCACAGGA	GAGTCGAGGTCATATCGTGCAGCAGCAAGTATCAGCACAGGC	GCTAAGTGGCTACACAGAGAAACTGACACCGTTAGTAGGAGGCGGTCTGCCTATAGTGAGTC	0.3632	0.1084
rs1024985	OTP	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGGCCCTGGGCAGTCGA	GAGTCGAGGTCATATCGTCAGGCCCTGGGCAGTCGG	ACTCTGGCTGGAGAGATCAGGTGTAGGCCAGCTAAACGTCGTGTCTGCCTATAGTGAGTC	0.8229	0.9384

rs10269842	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGTAACACCCCCTTCCCTTCCAT	GAGTCGAGGTCATATCGTGAGTAACACCCCCTTCCCTTCCAC	CTCTCCTCCTTCTCCATCTCTGCGTCGTGAAGCAGTGTATTCCGTCTGCCTATAGTGAGTC	0.8078	0.2769
rs1036914	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTTTGTTTTTCTCGCCTACATACTA	GAGTCGAGGTCATATCGTTTTTTGTTTTTCTCGCCTACATACTG	AACCACGAGTGATTTTTATTTCCATATAACGCGGGTGTCCATACGGTCTGCCTATAGTGAGTC	0.5951	0.7704
rs10399824	NHLH2	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGCACACCTCCATCGCCT	GAGTCGAGGTCATATCGTGCGCACACCTCCATCGCCC	GTTCTTTATACCTGGCTCTGGTTAAGCCTGCGTGTACTGGGAACGTCTGCCTATAGTGAGTC	0.2182	0.7178
rs10435949	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGTGCCCATGAACTTTCCCTCT	GAGTCGAGGTCATATCGTGCTGTGCCCATGAACTTTCCCTCG	ATTATGCTAGTCAATGATCAGCCACTGAGTCATTAGCGCGATTTCTAGTCTGCCTATAGTGAGTC	0.8529	0.2992
rs10447854	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTCTCAGCTTGGTATGTCCCCA	GAGTCGAGGTCATATCGTTGTCTCAGCTTGGTATGTCCCCG	CAATTATATGCCTCTGCTCACTGTACTGGCGAATGAGGATCAACTAGTCTGCCTATAGTGAGTC	1	0.2976
rs10465180	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATGGTGGGAATGTTTACACCGCA	GAGTCGAGGTCATATCGTGATGGTGGGAATGTTTACACCGCG	AAATCAGCAAACATTACAAATTAGAATTGTGCGGTACACCCTACTCGGTCTGCCTATAGTGAGTC	0.3028	0.9536
rs10487506	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTACCTTCCCAGTGGCCTTGCA	GAGTCGAGGTCATATCGTGTTACCTTCCCAGTGGCCTTGCG	CTAGAGGAATCCCTGTATAGTGGAAGGACTTCGGTTGGGCATCGCGTCTGCCTATAGTGAGTC	0.9605	0.06957

rs10493380	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTTTTAAATCCCTTACAAACATTAGATTT	GAGTCGAGGTCATATCGTGGGTTTTAAATCCCTTACAAACATTAGATTG	ATCCCTTTTAAAATATACTTTTTTACATAGCGTCCCGTCTCATAGAGTGGTCTGCCTATAGTGAGTC	0.3335	0.5758
rs10503038	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGGGTCCAAAGAGGGCTATTTGT	GAGTCGAGGTCATATCGTGGAGGGTCCAAAGAGGGCTATTTGC	CCGCAGTAATACAGCATGACTACTGTCCCTAGTGTGACGGCAGTCTGCCTATAGTGAGTC	1	0.7683
rs10512154	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTGGAGAACAGAGTTGAACTGAGAA	GAGTCGAGGTCATATCGTCCTGGAGAACAGAGTTGAACTGAGAG	TTGATAGCACAATGGAAGGTACGCCTCGCAGGATCTAAGCACTGGTCTGCCTATAGTGAGTC	0.8893	0.3956
rs10512159	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCCATGTTGCGCTTGGAAGTAAT	GAGTCGAGGTCATATCGTGTCCATGTTGCGCTTGGAAGTAAC	CTTTAGTGGCTAAAGGATGTGGAGAAATGTACCCGAGGGAGTTCGGTCTGCCTATAGTGAGTC	0.4009	0.4036
rs10515236	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAAACTTCCAAGGACAGAGTGATTCT	GAGTCGAGGTCATATCGTTGAAACTTCCAAGGACAGAGTGATTCC	CAAGTCTTTTAGGAGAACATTCTCCTTCATCACGCCGGGTTAAAGCGTCTGCCTATAGTGAGTC	1	1
rs10515237	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCAAAGATGTATAGGCTATATTCAACTA	GAGTCGAGGTCATATCGTGTGCAAAGATGTATAGGCTATATTCAACTG	CCATTTTCTAGGAATCCATATCTCACGAACCGACGCCATTTGACTGTCTGCCTATAGTGAGTC	0.1031	0.7857
rs10517849	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCAGCATATTTTTTCAGAGCCTGCA	GAGTCGAGGTCATATCGTGTCAGCATATTTTTTCAGAGCCTGCG	CCTGTATTAAATCAGCTCTGTTCTCGCGCAAATTGACGGACAGTGGTCTGCCTATAGTGAGTC	0.3188	0.1841

rs10517850	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTTTCTCATTATTCCCTTTTTTCTAAGT	GAGTCGAGGTCATATCGTTGTTTCTCATTATTCCCTTTTTTCTAAGC	AGAATTATAAGAGACAGAATCTCTGAGAGTGGCGTACTCCGTAGCGTAGTCTGCCTATAGTGAGTC	0.1979	0.3379
rs1073049	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGAGGATGAGTTCCACCAAATCA	GAGTCGAGGTCATATCGTGTGGAGGATGAGTTCCACCAAATCG	GAGGTAAACCAAGAAAAGGAAGGAGCAATGGGGCGCATCTTTATCGTCTGCCTATAGTGAGTC	0.2092	0.8603
rs10746747	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCCAACTCCTCCCAGGCTAA	GAGTCGAGGTCATATCGTGGGCCAACTCCTCCCAGGCTAT	GAGTGAAAGCCCCAGAACTAGATGCCGTACCAGTATGTTCCGGGTCTGCCTATAGTGAGTC	0.788	0.9011
rs10749753	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAACTGTCCAGAATAGGCAAGTCCATA	GAGTCGAGGTCATATCGTAACTGTCCAGAATAGGCAAGTCCATG	ACACAGAAAGCAGATCAGTGGCAAACTTACATGCCTGACGATGGGGTCTGCCTATAGTGAGTC	0.7913	0.5531
rs10749754	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGCATGGAATGGGTACATCATA	GAGTCGAGGTCATATCGTGGGGCATGGAATGGGTACATCATG	GGTAGGTGTGTGTTTAACAACTTACGCGGATTGACTGTCCAGAAGGTCTGCCTATAGTGAGTC	0.8808	0.007388
rs10754377	NHLH2	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGTCCATTAGAAAAATTCCAGATAGCT	GAGTCGAGGTCATATCGTGTTGTCCATTAGAAAAATTCCAGATAGCC	AAAGTTATGAGCCTGCATACTCTTTGGGAGTCCACGAAATTCCTGAGGTCTGCCTATAGTGAGTC	0.9593	0.8934
rs10767660	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCCAGAACAATCACACATTTTTACAAA	GAGTCGAGGTCATATCGTGGCCAGAACAATCACACATTTTTACAAG	GAGAGAAAGAGAAAAAAAGTTAAGACAACTGCTTGATGCCGCACACTGTCTGCCTATAGTGAGTC	1	1

rs1078947	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGTTATTCCTCAGTTATTAGCACAAAT	GAGTCGAGGTCATATCGTGGAGTTATTCCTCAGTTATTAGCACAAAC	TTATTTCCTTAGGAACTAGGCTGTCTATATCCCGAAAGTACAGGCCCGTCTGCCTATAGTGAGTC	0.6341	0.1714
rs10835210	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTCCTGCATTAAGCTACAAGTAATGAT	GAGTCGAGGTCATATCGTGCCTCCTGCATTAAGCTACAAGTAATGAG	ACTTTCCTGTGCTTTACAGTTAAGATAGCTTGGGCACAACCCGTAGTCTGCCTATAGTGAGTC	0.6549	0.3246
rs10835211	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGACTTTCAGCTTCAACTGAGCGAT	GAGTCGAGGTCATATCGTGTGACTTTCAGCTTCAACTGAGCGAC	AGAGCTCTGCTGGTGAAACGTTTCCGCGCACAGATAGTCACGTCTGCCTATAGTGAGTC	0.0496	0.2047
rs10868228	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCGTAATACACAGCTGGAGCCAT	GAGTCGAGGTCATATCGTGGCGTAATACACAGCTGGAGCCAC	GACATTAATGCATGTTTATCACAGCCAGTAAGACCCGAGCCCTTTGTCTGCCTATAGTGAGTC	0.6589	0.6616
rs10868231	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCTTAAGTGCTCCCCTTCTCTTGT	GAGTCGAGGTCATATCGTGACCTTAAGTGCTCCCCTTCTCTTGC	AAAAATAATTCCCTTAGATAAATTCTAGGCGATAGGCTGTACGAATCGGTCTGCCTATAGTGAGTC	1	0.1233
rs10868235	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTAACAGCTTTGCAAAGGCCAGAA	GAGTCGAGGTCATATCGTTAACAGCTTTGCAAAGGCCAGAG	TTTACACAAGATCCAGGCCTGAGTGGTTTAACGGAACTCGGCGTCTGCCTATAGTGAGTC	0.8445	0.9275
rs10868238	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTAGCCAGGTGAGCTCCCCAA	GAGTCGAGGTCATATCGTGTTTAGCCAGGTGAGCTCCCCAG	TTGGACCCTACCAATCCTAAAAAAGTAGAGGGCCGACTGCTTTCGTCTGCCTATAGTGAGTC	0.0371	0.1565

rs10868241	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCCTTTCACTTGAAAACTTGGAGGT	GAGTCGAGGTCATATCGTGTCCTTTCACTTGAAAACTTGGAGGC	TGTGTAGGGTTATTAATTGTCCAATCGTTGTATGTCACGAAAGGCGAGTCTGCCTATAGTGAGTC	0.8576	0.1587
rs10868244	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGCATGATTGTATGTGGGACTGTTTT	GAGTCGAGGTCATATCGTAGCATGATTGTATGTGGGACTGTTTC	TTCTTTTGACTTACTTACTTAGGATAGTCGTGGTGAAGCCTTGAGTCGTCTGCCTATAGTGAGTC	0.5972	1
rs10868246	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAATGTTACCCCCACAAGAAACCTTT	GAGTCGAGGTCATATCGTGGAATGTTACCCCCACAAGAAACCTTA	CAAAGCAAATTCTTTCATTTTAATATTAGTGCCAAAATGCCCGTGAGGTCTGCCTATAGTGAGTC	0.7701	0.3266
rs10872573	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTCTCCTTTCCTCTTCTTGAGTAGCT	GAGTCGAGGTCATATCGTGTCTCTCCTTTCCTCTTCTTGAGTAGCC	TTTGAGTACTTTCACATCTTACTCCACTGGTGGAGACCCCGTAGTGCGTCTGCCTATAGTGAGTC	0.5946	0.5371
rs10872578	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTGTTGGGGGAAATTTCTGTGTA	GAGTCGAGGTCATATCGTTTGTTGGGGGAAATTTCTGTGTG	TGCTAATTTCTTGTAAGGGTTGTGCACCTGAAGCGAACTGTCTGGTCTGCCTATAGTGAGTC	0.392	1
rs10889558	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGTTCTAGGACCACCAACATCCA	GAGTCGAGGTCATATCGTTGGTTCTAGGACCACCAACATCCG	ACAACCTGGAATCTGGTTAGAGGATGACGACCGAATACCGTTGGTCTGCCTATAGTGAGTC	0.7967	0.2575
rs10889569	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTCTAATTGAGAGTGATGGGCAAT	GAGTCGAGGTCATATCGTGGCTCTAATTGAGAGTGATGGGCAAA	TAATGTCAGATAGAAATAAGTGCCGTTATCACAGGCGCTTTGGCAACGTCTGCCTATAGTGAGTC	0.1247	0.06221

rs10954170	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCACATAATTGCCAATAAATCACA	GAGTCGAGGTCATATCGTGACCACATAATTGCCAATAAATCACC	AGTATGAGTGAAAATTTAAAAAATGTACTGTCTAAAATCGAGCCGCAGTCTGCCTATAGTGAGTC	0.8763	0.2829
rs10954171	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCACAGAAAATCTGAAGATCAAGTGAAAT	GAGTCGAGGTCATATCGTGCCACAGAAAATCTGAAGATCAAGTGAAAA	TTAATAAGAGAGTTCAATAAGGCAGACACATTGCCGCCAGATGTCTGTCTGCCTATAGTGAGTC	0.473	0.2791
rs10954173	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGTGGGTGGGAGAGAAAGGACA	GAGTCGAGGTCATATCGTGCAGTGGGTGGGAGAGAAAGGACG	AAGGAAGCAAGTGGTAAAGGGAAGCCGCTCTTCTTAGTGATCTGGTCTGCCTATAGTGAGTC	0.2674	0.03701
rs10954174	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCGGTTTGACCACTGGGAAT	GAGTCGAGGTCATATCGTGGCGGTTTGACCACTGGGAAC	CAAGATCCCTGAGGGCAGGGTGTTCGGACGAATAGCTCCCGTCTGCCTATAGTGAGTC	0.1078	0.573
rs10954176	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTCACAGCCTCGCTCCATTTGT	GAGTCGAGGTCATATCGTCTCACAGCCTCGCTCCATTTGC	CCGTTTAGGGAGCTACGAGATTGCTGGTGCCACTACGGAAACCGTCTGCCTATAGTGAGTC	0.04889	0.2953
rs11030108	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGTTTCTTCCATCACCTGTTTTCAT	GAGTCGAGGTCATATCGTGCAGTTTCTTCCATCACCTGTTTTCAC	TCTCTTGTTTTTTTAAATTTAATGCGGCAGAGGGTTCCCGTTACTCAGTCTGCCTATAGTGAGTC	0.4474	0.7549
rs11030119	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGGTTGTGAGATCTGATCTTTTGCTAT	GAGTCGAGGTCATATCGTAGGTTGTGAGATCTGATCTTTTGCTAC	AGAAAAGTCTGAGTGGTGACTTAATCGCTCACCACTTGGAGTCGCGTCTGCCTATAGTGAGTC	0.6328	0.7245

rs11030121	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGATTTACAATTCTGGGTGGGTACCA	GAGTCGAGGTCATATCGTTGATTTACAATTCTGGGTGGGTACCG	AAATTTTTAACTTGTTAAGAAGTATCATCGCTAATAGAGTGAATCCCACGTCTGCCTATAGTGAGTC	0.7256	0.4466
rs11100610	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCATTTCATAGGTGATGAATTTGGGAGA	GAGTCGAGGTCATATCGTGCATTTCATAGGTGATGAATTTGGGAGG	AGAGAGAAGTTAATTGACTTGCCTGCTAATACTCTTCTCTCGACGGGGTCTGCCTATAGTGAGTC	0.239	0.5274
rs11100614	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGTGGAACAGGGAATCAAATCAT	GAGTCGAGGTCATATCGTGTGGTGGAACAGGGAATCAAATCAG	TTAATAGAAAATAGAAATGCAGATTCGAAGCCGGGTCACTTTGAAGCGGTCTGCCTATAGTGAGTC	0.7743	0.4209
rs11140755	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAGTCAGTACCTTTCTTTGTGAGAT	GAGTCGAGGTCATATCGTGGCAGTCAGTACCTTTCTTTGTGAGAC	TACAGAAGTGCTAGAGAGAACTGTGTTTGCACTATCAACCGTCCGCGTCTGCCTATAGTGAGTC	1	0.08196
rs11140771	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGTATTCACCTGAATCCTGAATCTCCT	GAGTCGAGGTCATATCGTAGTATTCACCTGAATCCTGAATCTCCC	AAAGACAAGCAGAATTAGGGAGGTCCCTTAATGTGTAAGCGTGCATGTCTGCCTATAGTGAGTC	0.8343	0.3333
rs11140778	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGTGTGGGTGCCAATTGCTA	GAGTCGAGGTCATATCGTGCTGTGTGGGTGCCAATTGCTT	TGTATTGAATTAAATTGTGATTGTTGCTTAATCTCGTGAGGGTAGGAACGTCTGCCTATAGTGAGTC	0.8833	0.2652
rs11140810	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTAATGTGCCCCTTGGGTGGTTT	GAGTCGAGGTCATATCGTGGTAATGTGCCCCTTGGGTGGTTG	CACTGTTTGGTTTTAACATATGCACAGTTGCGCTCTCACCTAGTGGTCTGCCTATAGTGAGTC	0.4327	1

rs11140830	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTATGCGTTTGAGGCCAGGTCCA	GAGTCGAGGTCATATCGTGTATGCGTTTGAGGCCAGGTCCG	GTTTATTTATTTCTTTAGTCTATGCACCTCTATATCGGGGAATGTAGCACGTCTGCCTATAGTGAGTC	0.8271	0.06866
rs11152221	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTGATTCAGCAGGTAAAAAACCAT	GAGTCGAGGTCATATCGTTGTGATTCAGCAGGTAAAAAACCAC	TAAATAATAAGGCAAAAATATCTCAGGTCCGTTAAAGCAGCCATACCGTCTGCCTATAGTGAGTC	0.3574	0.2876
rs11155472	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTCAGTCCTGTGTCCCATCCAGA	GAGTCGAGGTCATATCGTCTCAGTCCTGTGTCCCATCCAGT	GGGGGTCTTTTTCTAATTTGCCGATGTATTACGCCGAGAAGCGTCTGCCTATAGTGAGTC	0.5563	0.4151
rs11208659	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGTTTTGCTGTCAAATCCCAT	GAGTCGAGGTCATATCGTGGGGTTTTGCTGTCAAATCCCAC	ATACTCCTGCAGAGAATAAAGTGTAGACGTGCGAGGGTCTGATCTGTCTGCCTATAGTGAGTC	0.5079	0.106
rs11208660	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCACATATTGGAAAGACAGTCATGAGA	GAGTCGAGGTCATATCGTGTCACATATTGGAAAGACAGTCATGAGG	AAATATGGTAGACTATTCTATGTAGCTGATCCCAATACGGCTTTGCAGTCGTCTGCCTATAGTGAGTC	1	0.04107
rs11208674	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAACTGAAGGAAGCGAGACTTTAAGCA	GAGTCGAGGTCATATCGTGAACTGAAGGAAGCGAGACTTTAAGCG	CAAATAGAAGAATTAATGAGAAAGAAGGCATCGTATTAACACTGGCGCGTCTGCCTATAGTGAGTC	0.9001	0.5242
rs113318	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGAAACCAAGGATTGCACTTTTACAA	GAGTCGAGGTCATATCGTGAGAAACCAAGGATTGCACTTTTACAG	TTCAGCTCTAACATAAAATTGGCAAACTTTCCCGATGACAAGGTCGAGTCTGCCTATAGTGAGTC	0.03174	0.5991

rs1137100	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTATGTGCAGACAACATTGAAGGAAA	GAGTCGAGGTCATATCGTGTTATGTGCAGACAACATTGAAGGAAG	ACATTTGTTTCAACAGTAAATTCTTGTGTCGATTAGCTGGCGACTAACGTCTGCCTATAGTGAGTC	0.8922	0.5282
rs1137101	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGCTGAACTGACATTAGAGGTGACT	GAGTCGAGGTCATATCGTGGGGCTGAACTGACATTAGAGGTGACC	GAAAATTACTCCACCAGATGTGTCCAGGCTTTCTACCGACAGATATGTCTGCCTATAGTGAGTC	0.9602	0.003369
rs11579567	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCTACCTTAATAGTCACTTAGCAATAGTT	GAGTCGAGGTCATATCGTGGGCTACCTTAATAGTCACTTAGCAATAGTG	GTATTACTAAGAAATCTCATTTCTTGGAGCCTCGATATAGTGTGATCGGGTCTGCCTATAGTGAGTC	1	0.5161
rs11585329	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAACCCATGGACTGCATCAATTTCA	GAGTCGAGGTCATATCGTAACCCATGGACTGCATCAATTTCC	TATGTGTGAGTGTGAAACTCTTATGGAAGGGTTGAGCCTAACGTCTTGGTCTGCCTATAGTGAGTC	0.5214	0.1365
rs1171267	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTTTTTGAATGCATTTTCTTCCTT	GAGTCGAGGTCATATCGTTTTTTTTGAATGCATTTTCTTCCTG	TTTTTTTGAAGTCCACTGACTCCGTCGGAGGTATTCAGTCACTAACGTCTGCCTATAGTGAGTC	0.9565	0.419
rs1171271	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTTTCACAGGAACTTCATGTTTTTGA	GAGTCGAGGTCATATCGTTTTTTCACAGGAACTTCATGTTTTTGG	ATCATTTTAAATGATGCATTTCTGTTCGCAGAAAGACCGACTCCTGTCTGCCTATAGTGAGTC	0.7914	0.928
rs1171279	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTAAAAGGAAAGCTTTGATGTGAAAAA	GAGTCGAGGTCATATCGTGCCTAAAAGGAAAGCTTTGATGTGAAAAG	AAATTAATGAGATCACCTATCTTCTGACCGAATGACCAGCGGCTTTGGTCTGCCTATAGTGAGTC	0.4334	0.385

rs11725942	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTGATGACAATATTGGTTCAAAGATGT	GAGTCGAGGTCATATCGTCTGATGACAATATTGGTTCAAAGATGC	CCAAATGTTTAGTGGATATGTAAAGCTAAGTGTTAGGTTGGACGCCGTCTGCCTATAGTGAGTC	1	0.116
rs11730342	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTAATGGATTCTTCTTTCTCCTTATTTGT	GAGTCGAGGTCATATCGTGGTAATGGATTCTTCTTTCTCCTTATTTGC	AAATATGAATTTTGCAATAAAAAACGGTTGCTCAAACGAAATTCTCGTGTCTGCCTATAGTGAGTC	0.6339	0.01281
rs11737095	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCCTCTTGGTGCTTGATCAGGA	GAGTCGAGGTCATATCGTGAGCCTCTTGGTGCTTGATCAGGG	CCCTGTGGATCTCTACATGTGTCCTGTACGAAGAAGGGCTACCGTCTGCCTATAGTGAGTC	0.2922	1
rs11746588	OTP	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTACCTCCGGCCCTCAGCCT	GAGTCGAGGTCATATCGTGGTACCTCCGGCCCTCAGCCG	TTCCCTCTTACTTTCGGAAGATCGACTTTGTAGCAGCCGAGGTTGTCTGCCTATAGTGAGTC	0.937	4.22E-05
rs11760956	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCAGGGGGTATAAAGACATGGTGGT	GAGTCGAGGTCATATCGTTCAGGGGGTATAAAGACATGGTGGC	GGAGAGAGCATAACACATTCACTCGTCGAAGCCTAAGACTGCACGTCTGCCTATAGTGAGTC	0.2904	0.03705
rs11763517	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACTTAGGTATTAGAGGGTGGCCATTAT	GAGTCGAGGTCATATCGTGCACTTAGGTATTAGAGGGTGGCCATTAC	TGAGAGTGACTATGACCACAGTTGATAGGGTCTGGACGCAAACTGGTCTGCCTATAGTGAGTC	0.1847	0.3213
rs11764840	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTTTCAGGGAGGCATATCGGAT	GAGTCGAGGTCATATCGTGCCTTTCAGGGAGGCATATCGGAA	GCAACTAAGCAGCAGGGGGCAATACTTCACCGGGCGTGATGTCTGCCTATAGTGAGTC	0.1452	0.8223

rs11790194	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCATCCACGCATCAGCTCTCAA	GAGTCGAGGTCATATCGTGCATCCACGCATCAGCTCTCAG	TCAAGTTGTCCCTCTTGGGGACATGGGCTGCTCCGTAAACTGTCTGCCTATAGTGAGTC	0.3263	0.3395
rs11791654	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCAGCCAGGTCACTAGGGAT	GAGTCGAGGTCATATCGTGGGCAGCCAGGTCACTAGGGAG	AGAACATTAAAATAATGTGGGAGAAACGGGTAGGACTTGGAGCCATGTCTGCCTATAGTGAGTC	0.1688	0.1255
rs11801408	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCATTCCACATCAGCTTTGTGAT	GAGTCGAGGTCATATCGTGCATTCCACATCAGCTTTGTGAC	GCAGCCTGCAAAGACCTAGTTACCTCCGAAATAGTGGATGGGCGTCTGCCTATAGTGAGTC	0.1175	0.1618
rs11804091	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACAACTTCATTTCCTAAATCAAGCTAT	GAGTCGAGGTCATATCGTGCACAACTTCATTTCCTAAATCAAGCTAC	TTTATTTCTCAAGCAATAAATGCATAGCACTCGGACGGGGTCGTTGTCTGCCTATAGTGAGTC	0.6342	0.7405
rs1180445	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTATTGGTATTCCAGACCTGAAAGAT	GAGTCGAGGTCATATCGTGGTATTGGTATTCCAGACCTGAAAGAC	CATACACAATCAATCTGAAAGTCAGACGTGTATCCTAGCAAATGGAGCGTCTGCCTATAGTGAGTC	0.5641	0.3075
rs11826087	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTTTGCCTCTGCTTTCTCCAGAA	GAGTCGAGGTCATATCGTTTTTTGCCTCTGCTTTCTCCAGAG	TACAAAGGTCACCCAAATTTCTACCCACAGACGTTGGTCCGTAGGTCTGCCTATAGTGAGTC	1	0.7088
rs1187276	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTGATTGTTGCTATCTTAACACGAATA	GAGTCGAGGTCATATCGTGCCTGATTGTTGCTATCTTAACACGAATC	CTCTATTTCTGAAGTATTGCTTGGTGCTGATGACCGAGGCCAAGCTGTCTGCCTATAGTGAGTC	1	0.56

rs1187283	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAATGGAAAGCTGGAAGGCACTA	GAGTCGAGGTCATATCGTGGAATGGAAAGCTGGAAGGCACTG	GGTACTCACATTAGTTCTGGTTATCGTGTGATTAGCTCTACGGCAGCGTCTGCCTATAGTGAGTC	0.8952	0.9535
rs11872889	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGTTTTTCAGAGACAGGCAGGAAATA	GAGTCGAGGTCATATCGTCAGTTTTTCAGAGACAGGCAGGAAATG	CTCTCTGGACAGACATTTGTTGGTGAATAGGCTTGCTCGTGAGCGTCTGCCTATAGTGAGTC	0.2733	1
rs11872992	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTATGAATGGGTTCAAAAGGGGTTA	GAGTCGAGGTCATATCGTTTATGAATGGGTTCAAAAGGGGTTG	TTTTAATGCACTAATATCCCATATTACACCTCCAGTCGGTAATTGCGGTCTGCCTATAGTGAGTC	0.05023	1
rs1187323	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCACTGCGGTGTATTTTCCCA	GAGTCGAGGTCATATCGTGGCACTGCGGTGTATTTTCCCC	TTCTCTTTTAAATGACTGCGGTAGGATTGCGCCAGTCTTACATGAGTCTGCCTATAGTGAGTC	1	0.36
rs1187328	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTCTTAGCACAACCTAAATAGAATTTGA	GAGTCGAGGTCATATCGTGCCTCTTAGCACAACCTAAATAGAATTTGG	GCTTCTCCTATGACAGACTCTATTGAATGCCGTCAGCGTCTCCGTCTGCCTATAGTGAGTC	1	0.2536
rs1187343	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCACTCAAATTTGTAAATGCCCA	GAGTCGAGGTCATATCGTGGCACTCAAATTTGTAAATGCCCG	AGTATTTGGGCTGTTCTAATAAGCCCAGATTTGTCGGTCAAGTCACCGTCTGCCTATAGTGAGTC	0.5341	0.7937
rs1187350	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGGAAGCATTGATGTGTAGATGA	GAGTCGAGGTCATATCGTGTGGGAAGCATTGATGTGTAGATGG	ATGTGAGTAATTCCCAATCCTTAATTCCAGGGGAGCTACGAGCGTGTCTGCCTATAGTGAGTC	0.06927	0.1265

rs1187352	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCAGAGGGGCCTATGCCT	GAGTCGAGGTCATATCGTGGGCAGAGGGGCCTATGCCC	AATTGTCTGACTCTTGCTCACTTATAGCGTGGGGCCATTGAGCAGTCTGCCTATAGTGAGTC	0.7468	0.9399
rs1187356	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCAGTCAGGACAAATCATTTCACAA	GAGTCGAGGTCATATCGTGCCAGTCAGGACAAATCATTTCACAT	AAGAAAATTTTTGGAACTAATACTTCAGCTTCGTAGCAAGTGAGGACCGTCTGCCTATAGTGAGTC	0.1947	0.5948
rs1187362	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTTATTCGGCAATAATGCTTTAAGTAAA	GAGTCGAGGTCATATCGTGGTTATTCGGCAATAATGCTTTAAGTAAT	TGCATAATTTATTTTGAAATCTAACAGCACTTGTCAGCCTAGCGTTGTCTGCCTATAGTGAGTC	0.3636	0.8573
rs11940790	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGGCACTCTTGAATGCAGGT	GAGTCGAGGTCATATCGTGCAGGCACTCTTGAATGCAGGC	GCTGATAACTTTAAAGATTGTAACATCCATTCGAGGAAAATCCGTTGTCGTCTGCCTATAGTGAGTC	1	0.606
rs11981584	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTAAGTCCCCTGGAAGTTGCCAA	GAGTCGAGGTCATATCGTGCTAAGTCCCCTGGAAGTTGCCAG	CCCACATCAGCATCTGTGTAGTACGCTCCTACCACGTCGATGTCTGCCTATAGTGAGTC	0.08982	0.7592
rs12000011	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCCACCCCACAACCAGT	GAGTCGAGGTCATATCGTGTGCCACCCCACAACCAGC	CTCCTCTGACCTCCTGTCTTTAAGTTTCGCAGGTTCACAAACATCGTCTGCCTATAGTGAGTC	1.36E-08	0.2806
rs12001219	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGGAAGACTGTTATGGCCAAGTA	GAGTCGAGGTCATATCGTGAGGGAAGACTGTTATGGCCAAGTG	GTCCTTGGGTGAATGTTCTCTCTGCCAATCGAGCGCGATACATGTCTGCCTATAGTGAGTC	0.5999	1

rs12029349	NHLH2	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACTCATCGGGATCTCCTCCCCA	GAGTCGAGGTCATATCGTACTCATCGGGATCTCCTCCCCC	GGCTTGATCCAGAGCTTATATAACGAGACATTACACGGCAGCTAATCGTCTGCCTATAGTGAGTC	0.4604	0.932
rs12040007	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAGTGGAGTTGTTGGAAATGTGTA	GAGTCGAGGTCATATCGTGTGAGTGGAGTTGTTGGAAATGTGTG	AATCTTAAGACTAAAGGCAAAAGACTTTGTCGAAGAAACGCAGGACAGGTCTGCCTATAGTGAGTC	0.4664	0.1901
rs12042877	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTATGGGTGGATAGCATTTTACAGTTT	GAGTCGAGGTCATATCGTGTTTATGGGTGGATAGCATTTTACAGTTC	CAAAAATACTTTTATGTGATTATTGTATTGCTCCACTCCTCGACGAGAGTCTGCCTATAGTGAGTC	0.5167	0.6538
rs1209068	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTCTACAAGTGTGTGTATCTACACATGT	GAGTCGAGGTCATATCGTGGTCTACAAGTGTGTGTATCTACACATGC	TGGACCTTATTTTGTGTAATATATATACCCTACAGTTGCGGACGAGGTCTGCCTATAGTGAGTC	0.1336	0.09038
rs1211166	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGACAGATGACCCTGTCCTGCATCT	GAGTCGAGGTCATATCGTGGACAGATGACCCTGTCCTGCATCC	TTGTCTTTGACTTCTCCCCACTGAACCGTGGGTGACTAACGAGGTCTGCCTATAGTGAGTC	0.9412	0.09474
rs12135802	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCGCAGGTATGGTGCCATTTAAA	GAGTCGAGGTCATATCGTCCGCAGGTATGGTGCCATTTAAG	ACTGGTTCTTTCTGGTGTTATTTACTACGGCTGGCCTAAACAGGTGTCTGCCTATAGTGAGTC	0.8501	0.06942
rs12140910	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAACTGGACACTTTCTTAATGACCAACT	GAGTCGAGGTCATATCGTAAACTGGACACTTTCTTAATGACCAACC	GACAATTTTAACCTATCAATATTTTGACCTATTTGGCGGAGGACCACTGTCTGCCTATAGTGAGTC	0.8501	0.2802

rs12145690	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGGTGTTTTCTCTGTTTATGGACAGAGA	GAGTCGAGGTCATATCGTGCGGTGTTTTCTCTGTTTATGGACAGAGC	GAAACCAGTGTGTGTGTAGTATGTAGAGCCTCGCTAACGTAGCCTAGTCTGCCTATAGTGAGTC	0.3	0.4746
rs12200	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTTGTAGAGTGGCCCAGAATTGT	GAGTCGAGGTCATATCGTGGGTTGTAGAGTGGCCCAGAATTGC	TTCTGAATGAATAAAGGTTAAAAATAGCCGCTACCAAAGTCGCCGTGTCTGCCTATAGTGAGTC	1	0.3021
rs12202773	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCAGACCATGCAATTGCTTTCAT	GAGTCGAGGTCATATCGTTTCAGACCATGCAATTGCTTTCAC	AAGGTGCCTCTGTGTTTACTTAACTGCTACTTGTGACGATGCGCGTCTGCCTATAGTGAGTC	0.7886	0.4232
rs12238811	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCATTTTTTGGGGGTAACAATTTGCT	GAGTCGAGGTCATATCGTCATTTTTTGGGGGTAACAATTTGCC	TGCGGATTTTTCTTTATCAGTAGCTAAGCCGGTACGCAGACGTTGTCTGCCTATAGTGAGTC	0.796	0.01015
rs12293082	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTACCAGTGCCTTGCATGGAAT	GAGTCGAGGTCATATCGTGTGTACCAGTGCCTTGCATGGAAC	ATTTTTTATTTGCTTAATTCAGGTCGGCATGGTAACCGATACGGCTGTCTGCCTATAGTGAGTC	1	0.1922
rs12332226	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCATCATGAGTTTGTCAATAATTTTTA	GAGTCGAGGTCATATCGTGTGCATCATGAGTTTGTCAATAATTTTTG	ACCGAAATATTATTTTTCAAATAGTGGGGAGTAACCAATTCGGTCATAAGTCTGCCTATAGTGAGTC	1	0.5449
rs12338909	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCATGAAGAGAATTATCAAACATAAAATAT	GAGTCGAGGTCATATCGTGCCATGAAGAGAATTATCAAACATAAAATAG	TTGTGATATCCAACTAAGAGAAAATTATCGGAGCAGCGTTTACTCCAAGTCTGCCTATAGTGAGTC	0.8696	0.8182

rs12340212	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAAAATGAGCAGGTCAGGCTGGT	GAGTCGAGGTCATATCGTGAAAAATGAGCAGGTCAGGCTGGC	AGTGACAGCTCTGTGAAAGGTGCAGCCGGTTGAGTATCCTAACGTCTGCCTATAGTGAGTC	0.4233	0.9348
rs12341232	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCCCTATCTCACAGCTCAACACTT	GAGTCGAGGTCATATCGTGACCCCTATCTCACAGCTCAACACTC	TAGCTCTGGAATTCCTCCAAATATCTAGCTTATGGGGCGAGAATCAGGTCTGCCTATAGTGAGTC	1	0.8123
rs12348710	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTTGAGTTGGGTTTCCAGTGAACA	GAGTCGAGGTCATATCGTGCTTGAGTTGGGTTTCCAGTGAACG	GATATTGTTCTTTTTATAAAAGCTGAGATGCCAATATGACGATTGCTAGAGTCTGCCTATAGTGAGTC	0.3614	0.8124
rs12374612	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGACTCCCCAAGTTGGCTTGCTT	GAGTCGAGGTCATATCGTAGACTCCCCAAGTTGGCTTGCTC	CTAACAAAAAGGAATGATGTTGTGTGATAACGGTCGCTACACGGGTCTGCCTATAGTGAGTC	0.02302	0.09313
rs12378021	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGACTGAGGAGTCACTTTATGCAGCTT	GAGTCGAGGTCATATCGTGGACTGAGGAGTCACTTTATGCAGCTC	TCTGATAAATTAATAGCAGACGTAGAGGAGTAGCCGCGATTTCCCTAGTCTGCCTATAGTGAGTC	0.3344	0.1853
rs12405556	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGCACCCCCAGATTCCTCTTATA	GAGTCGAGGTCATATCGTGCAGCACCCCCAGATTCCTCTTATC	TGTCCTGCTATCTCAGTGTATCGACAACGGCTTGCTCTACCCTTGTCTGCCTATAGTGAGTC	0.6821	0.3288
rs12409877	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCAAATCCTAGCCTGGGTGTTT	GAGTCGAGGTCATATCGTGCCCAAATCCTAGCCTGGGTGTTC	TCCACTAAACTTGGTCTTCCTCAGTACCAAGTCTTACGTCAGCGGGTCTGCCTATAGTGAGTC	0.9583	0.2384

rs12457014	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACCCTTATGGCCTCATGTAGTCTTA	GAGTCGAGGTCATATCGTGCACCCTTATGGCCTCATGTAGTCTTG	TTACCTCCTAAAAAATGATATCTTCGTCTGGTGAGCTAAAGACCGTGGTCTGCCTATAGTGAGTC	0.5082	0.7342
rs12538332	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGGCCTCATCACAAATGCTGATT	GAGTCGAGGTCATATCGTGGAGGCCTCATCACAAATGCTGATG	TGGACCTGTGTCTTCTTCTACGCATCCGTCCACAAGTTAGGTGGTCTGCCTATAGTGAGTC	0.5832	0.7849
rs12552902	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTGTGTAGGGGGTGAGTGGCA	GAGTCGAGGTCATATCGTGTGTGTGTAGGGGGTGAGTGGCG	TACCAGGATCCAAGCCTAGATGAATAGGGCGTCTGTCCTACGGTCTGCCTATAGTGAGTC	1	0.6237
rs12564626	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGAGCAAATTCAACCAAACTTTAAAAT	GAGTCGAGGTCATATCGTAAGAGCAAATTCAACCAAACTTTAAAAC	GATGAGAAATCATAAATATCAAATCAGCTAACGTGGCTCTAAATCGTCGGTCTGCCTATAGTGAGTC	0.9601	0.2847
rs12683368	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGGTGCTCAGTTGAGAGGAATGT	GAGTCGAGGTCATATCGTCAGGTGCTCAGTTGAGAGGAATGC	ACTGGTAACTGGAAATCTTTCCCAGCTATGTCACGCTTCCCAGAGTCTGCCTATAGTGAGTC	1	1
rs12685376	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTGTCACCCATCACCACCAT	GAGTCGAGGTCATATCGTGGCTGTCACCCATCACCACCAC	TTTTATTGAAGACCTTAACAAGAGGTGCGACTATCCGATCTCTCTTAAGTCTGCCTATAGTGAGTC	1	0.2821
rs12700524	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTTCCTCACCCCCTCCTCCAT	GAGTCGAGGTCATATCGTGCTTCCTCACCCCCTCCTCCAC	GATCTGCTATCACTAGAGATTTGTTCGACGACAATGTTTGGTCCGAGGTCTGCCTATAGTGAGTC	0.9232	1

rs12700525	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCCTTGCATTATAGTTCCTTAAGCATGT	GAGTCGAGGTCATATCGTGGCCTTGCATTATAGTTCCTTAAGCATGC	TCTATCTCCTTTATAAATTGTTAGGTATCGGAGACCAACCGTAGTCGTGTCTGCCTATAGTGAGTC	0.7153	0.5453
rs12706832	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGCTGTATCAACATTTCAGCAGCTCA	GAGTCGAGGTCATATCGTTGCTGTATCAACATTTCAGCAGCTCG	CTTTTAACTCTAAGAAAATGGCAGAGTCGAAGCGTCCTGTTAGGGAGTCTGCCTATAGTGAGTC	0.2559	0.001259
rs12958350	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGGGGGGGAGAAAAAAAGGATAGT	GAGTCGAGGTCATATCGTGAGGGGGGGGAGAAAAAAAGGATAGC	GAACGTGATAAATAAGGGAATTGCGTTGCTCGGTAAGGGGACTACGTCTGCCTATAGTGAGTC	0.3781	0.1455
rs13165959	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGTATCAGGAGGTACATGGTGTCCA	GAGTCGAGGTCATATCGTGTTGTATCAGGAGGTACATGGTGTCCG	ATGTCTAATTACTAGTGATGTTATCTCGAAGGCTGCCGATGTGACTTGTGTCTGCCTATAGTGAGTC	0.01915	0.8775
rs13168460	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGGTTTGTTTCATGACTAAAACTGTTTT	GAGTCGAGGTCATATCGTGCGGTTTGTTTCATGACTAAAACTGTTTA	TCATATTAAATAAGATATCTCTCCAAGGAACCGTTCAGGGTTGATGCCGTCTGCCTATAGTGAGTC	0.4219	0.92
rs13176694	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGAGCTACCCTAACAGTGGAAAATAACT	GAGTCGAGGTCATATCGTGAGAGCTACCCTAACAGTGGAAAATAACC	CCAGTAGTCTATTAGAAATGGTTACATAACATTCCGACGGCCACATCAGGTCTGCCTATAGTGAGTC	0.007999	0.0855
rs13192682	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAAAGACTTGTGGACCGAAGCAT	GAGTCGAGGTCATATCGTCAAAAGACTTGTGGACCGAAGCAC	CCTAAATATCTGACCTGTAGTGATTCGATGCACTTCGACAGTCGCTGGTCTGCCTATAGTGAGTC	0.4445	0.8483

rs13212062	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAAAACAGTTGTGCTGACTGGGAA	GAGTCGAGGTCATATCGTCAAAAACAGTTGTGCTGACTGGGAG	CTGTAAAATCAAAGGTAGTTCCGTGACCTTATGTCGATGCCGCCAGTCTGCCTATAGTGAGTC	0.2542	0.008619
rs13218361	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAACTGGTATCTCATTTTAGTTGGCCA	GAGTCGAGGTCATATCGTTGAACTGGTATCTCATTTTAGTTGGCCG	TAGTTTTGATACACTCTTTTCATACACGTTCTAGCCTAACCGCCTTGAGTCTGCCTATAGTGAGTC	0.4474	0.2617
rs1327121	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTATCTATGGCGTAAAAGCCAAACA	GAGTCGAGGTCATATCGTGGTATCTATGGCGTAAAAGCCAAACG	CTGTTTTAGCAAATAGCCAGACATTCTGGGCACACCGGAAGTACGTCTGCCTATAGTGAGTC	0.6002	0.3341
rs13284421	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCCTGAACTGGGCTCAGGT	GAGTCGAGGTCATATCGTGTGCCTGAACTGGGCTCAGGC	AAGAAGTAAATCAGAAGTTATTCTATTACCATGCGTAGGTATCGGGCTAGTCTGCCTATAGTGAGTC	1	0.1845
rs13295599	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCAGGCTAGAATGGTGTTTATGAGA	GAGTCGAGGTCATATCGTGCCCAGGCTAGAATGGTGTTTATGAGG	CTTTAGGAAGGTCAAAAGACTTCGCCCAGTTAAGCTGCGCGAATGGTCTGCCTATAGTGAGTC	0.7264	1
rs13306520	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATAAAAAGCACTGCAGCCCTTAAA	GAGTCGAGGTCATATCGTGATAAAAAGCACTGCAGCCCTTAAG	TAATCAATTTCTATATTTACTACAGCCCGTCGTTATGATGCTCTCAAGGACGTCTGCCTATAGTGAGTC	1	0.8008
rs13361555	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCATGAAACCTTTGGAAAAAAATCACA	GAGTCGAGGTCATATCGTGGCATGAAACCTTTGGAAAAAAATCACG	CAAAAAAGTCTTGACTTAGTGGGATCTTCACCCGGCTCCGATGAAGTCTGCCTATAGTGAGTC	1	0.7683

rs13375132	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTTCCAGCACAATTTATCAGAAAGATT	GAGTCGAGGTCATATCGTGTGTTCCAGCACAATTTATCAGAAAGATC	TCATTTTTCCACAGAATTTCTTGGCTCACTGGGAACGTGCTTATGTCTGCCTATAGTGAGTC	1	1
rs13428823	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGGCCAATGGAAGATATTAATAACA	GAGTCGAGGTCATATCGTGCTGGCCAATGGAAGATATTAATAACG	ATCATATGAATGTCTATTTAATAAGGGGTCCCGAGAATTACCAGAGGGTGTCTGCCTATAGTGAGTC	0.5982	0.03968
rs1343982	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCCTGCTTTATTGAGCAAAATAGGT	GAGTCGAGGTCATATCGTGTTCCTGCTTTATTGAGCAAAATAGGC	TTAGCTCAGAGAAAAGTATTCCTTTGTATCCAACGAGGCCCAGTTTGGTCTGCCTATAGTGAGTC	0.4384	0.8844
rs1354683	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCAATCTATTCTACCTGGCAATCTA	GAGTCGAGGTCATATCGTGAGCAATCTATTCTACCTGGCAATCTG	TTTTTTCTCTTTTAAGCATTTTCAACATGGATCAGCCGAATGCTAGTTGTCTGCCTATAGTGAGTC	0.05053	0.243
rs1370682	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGAAGCCAGCCCCTTGAGGGA	GAGTCGAGGTCATATCGTGAGAAGCCAGCCCCTTGAGGGG	GTACTGAAAGGCCAGAAATGTTGTGGGCCTACGAGAAGATCGCTGTCTGCCTATAGTGAGTC	0.1602	0.5542
rs1370686	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGTAATAAAAGTTCCAGGTCCTGGT	GAGTCGAGGTCATATCGTTGGTAATAAAAGTTCCAGGTCCTGGC	TCAAGTACTTTATATGTATTAACTCATATATGGTCGTGAACCCTTAGCCCGTCTGCCTATAGTGAGTC	0.3154	0.258
rs1376268	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGGGATAGGGTAGTTTCCCAAAT	GAGTCGAGGTCATATCGTTGGGGATAGGGTAGTTTCCCAAAG	AAAAGAGGGTGTGTTACCAAAAAAGCTCGGTTTTCCGTGGACCGTCTGCCTATAGTGAGTC	0.4548	0.3686

rs1387923	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATGGCCAAACCAAAGGTCAACAT	GAGTCGAGGTCATATCGTGATGGCCAAACCAAAGGTCAACAC	GAAAATAAAAGTCCTGAGACAGGTACCGGCGAGTGGTAAATGCCCGTCTGCCTATAGTGAGTC	0.01058	0.5316
rs1387926	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAAGACTGGGACCTGGTCTTCTTA	GAGTCGAGGTCATATCGTGAAAGACTGGGACCTGGTCTTCTTG	TATGCTGTCTGAGTTGTGTTATTTAAGGGTGCGACACTATCTCGACGTCTGCCTATAGTGAGTC	0.4423	0.6781
rs1391808	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGAGTGGAAATTTTAAATAGGCTGAT	GAGTCGAGGTCATATCGTGGAGAGTGGAAATTTTAAATAGGCTGAC	AAGGAAGGCCTCATCATAGTATATCGACTGAGAGGCGGGAAACTTGTCTGCCTATAGTGAGTC	1	0.6073
rs1395118	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTTCCCACTTTTTTTCTGTCAATTAA	GAGTCGAGGTCATATCGTGTTTTCCCACTTTTTTTCTGTCAATTAC	TTAGTGATCTAAATGATAGGGAATGTCCAGGACGGTAGATGGCTCAGTCTGCCTATAGTGAGTC	0.4626	0.9087
rs1395119	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCATTGTGACTATCCAGTGATCCTCAT	GAGTCGAGGTCATATCGTCATTGTGACTATCCAGTGATCCTCAA	CACACAAACTATTACTTACAAACTGCGGTTGCGAGAAAGTTGTCGTCTCGTCTGCCTATAGTGAGTC	0.9569	0.5787
rs1395123	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCCCACCCTCACCACATA	GAGTCGAGGTCATATCGTGTGCCCACCCTCACCACATG	AAGGGGTAGTCTAATGGTAGTTATAGATCGTACCGTCCTCCAAGAGGTCTGCCTATAGTGAGTC	1	0.4132
rs1409802	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCAAAGAAAAATAAGCAAATTCCCATT	GAGTCGAGGTCATATCGTGTCAAAGAAAAATAAGCAAATTCCCATC	TTGCCATAATAAATTATCATAAGGAACCTTTGCACCGTTGGAATGGCGTCTGCCTATAGTGAGTC	0.8907	0.8458

rs1421309	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGCCACGCTCGTTTATGTGTATA	GAGTCGAGGTCATATCGTGCAGCCACGCTCGTTTATGTGTATG	TGTCTGTGTCTGCTTCCACAAAGGGGTACTTATGGTCGCACGGTCTGCCTATAGTGAGTC	0.7205	0.8459
rs1438119	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCATGTCTTAGGCAAGCCCCT	GAGTCGAGGTCATATCGTGCATGTCTTAGGCAAGCCCCC	GTGCAAAATTATCTGTGCCTGCTTTCCGGGAGAAGTATGCCCGTCTGCCTATAGTGAGTC	2.31E-17	0.002035
rs1438120	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAAAAAAAAACAAAAAGGTAATTGCT	GAGTCGAGGTCATATCGTGGAAAAAAAAACAAAAAGGTAATTGCC	AAGTGAGAGAAGAGAAAGGAAGACTGAATAGTCGCAATTTGGTCTGAGTCTGCCTATAGTGAGTC	0.524	0.8381
rs1439050	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGTGGATGCGCTTGTTTCACTCT	GAGTCGAGGTCATATCGTGAGTGGATGCGCTTGTTTCACTCG	ATCCTTATATGACACCATCTATGTTTTCCATGACCAAGCCGGATAGCGTCTGCCTATAGTGAGTC	0.6964	0.06235
rs1443439	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTTTTTTGTTCCACATTTTGAAAAAT	GAGTCGAGGTCATATCGTGTGTTTTTTGTTCCACATTTTGAAAAAG	AGTAAATGAACTCAGAGAGAACGTTTCGCGGCGATCCCATAGAGAAGTCTGCCTATAGTGAGTC	1	0.6634
rs1443440	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTGTTCTGGTCAAAGTCCTCAAA	GAGTCGAGGTCATATCGTGGTGTTCTGGTCAAAGTCCTCAAG	AATGAGAGGACTTTGGAAATCAGTCGTAGGACGCTGTGCCTAGGTCTGCCTATAGTGAGTC	0.8011	0.2452
rs1443441	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTTCAAATGTGGCATTGGCCCT	GAGTCGAGGTCATATCGTGCTTCAAATGTGGCATTGGCCCC	TGGGCTTGCCTAGTAGTTCACACTAGCCCTCGCATAGCTTGCGGTCTGCCTATAGTGAGTC	0.2873	0.9511

rs1443442	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGCCAGGATAGAGAGGAAGACAA	GAGTCGAGGTCATATCGTGAGGCCAGGATAGAGAGGAAGACAG	AAGTAGGATATAAGGAGAGATGTCAACTCGTATGCTTGCATGGAGCCGTCTGCCTATAGTGAGTC	0.6783	0.5721
rs1443445	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCCTTTTGTGTCTATAAAGCCTTTCCA	GAGTCGAGGTCATATCGTCCCTTTTGTGTCTATAAAGCCTTTCCG	TAGTTACCATCCACATCAGCTTCCTCTAATAGTTCGGGGTGACTGGTCTGCCTATAGTGAGTC	0.6993	0.7448
rs1472799	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTGAAATTTAAAACCATGTCTTGGTTTT	GAGTCGAGGTCATATCGTTGTGAAATTTAAAACCATGTCTTGGTTTA	AATGTTATTTAAACCTATTTAATTTGATGCTCTCTTCGTGTATAAACGGGGGTCTGCCTATAGTGAGTC	0.4379	0.4773
rs1498928	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCTTGCATTTGGTTATGCATTT	GAGTCGAGGTCATATCGTGACCTTGCATTTGGTTATGCATTC	TTTTTAGAAACCAAATAAATATACATCTTAGGAAACGTCATCCACGCGGGTCTGCCTATAGTGAGTC	0.2597	0.7128
rs1506079	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAAATTGTGAGATAATGTAATGCAGAACA	GAGTCGAGGTCATATCGTGAAAATTGTGAGATAATGTAATGCAGAACG	TTCACTGTAAGAGTTTGTTGTTCTACCGAGGGAGGTACAAACTGTTAGGTCTGCCTATAGTGAGTC	0.7028	0.03179
rs1506081	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTGTCATGGCAGAATTATCAGGGT	GAGTCGAGGTCATATCGTCCTGTCATGGCAGAATTATCAGGGC	ATCCAAGAATTTTTTTGCAGGTATACGTTTCCAGTGCCATCAGCGGTCTGCCTATAGTGAGTC	0.8292	0.6787
rs1506083	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGATGGAAGAGAAAAGCAATAAGGAAT	GAGTCGAGGTCATATCGTGGATGGAAGAGAAAAGCAATAAGGAAA	ATTTTAGGGTGTTAGCACACTGTATCGGAGATGGGCCTGTCAAGCGTCTGCCTATAGTGAGTC	0.9033	0.9085

rs1506084	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCAATCAAGAACATGATCTTCCTCA	GAGTCGAGGTCATATCGTGACCAATCAAGAACATGATCTTCCTCG	AATTTCTCTATCTATCCCATAGCTTGCTCGTAAGCCAACGCATTCGGGTCTGCCTATAGTGAGTC	0.7077	0.7645
rs1506085	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCATTGCACAATGTATACGTACATTAAA	GAGTCGAGGTCATATCGTTTCATTGCACAATGTATACGTACATTAAG	TTATGGTGCTGTATACCATAAATGGAAATGCGGCCCCTAGACTCGTGTCTGCCTATAGTGAGTC	0.8253	0.1982
rs1530041	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTCCTATTGGCTGCAATGGAGAT	GAGTCGAGGTCATATCGTGTTTCCTATTGGCTGCAATGGAGAC	GTTGGACGTGTGCAGAAGATCCTTGCGTCCGAGAGTAAGGGCGTCTGCCTATAGTGAGTC	1	0.005401
rs1530042	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGAAGGTCTGGAGTTAGAGGCACA	GAGTCGAGGTCATATCGTTGGAAGGTCTGGAGTTAGAGGCACG	ATCTGGGAGACCTTGTGTAACATTCTAAGGACTCAAATCGCGGTTGTCTGCCTATAGTGAGTC	0.2264	0.3516
rs1543915	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCAGGGCTATCTTGAAAAGCCAT	GAGTCGAGGTCATATCGTTCAGGGCTATCTTGAAAAGCCAC	TGCCTCTCCATTTTTAAATGTTCGCCGAACATACGGGTTCTAGGTCTGCCTATAGTGAGTC	0.2203	0.2768
rs1545285	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTAGGGCCTAGAAAAAGAGAAGAGTAA	GAGTCGAGGTCATATCGTGTCTAGGGCCTAGAAAAAGAGAAGAGTAC	ATAATCCCTGTCTTCAAGGACGTCTCCAACCTGATACGGTGTGGTCTGCCTATAGTGAGTC	0.6831	0.4336
rs1546393	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGTCAGAAATAAAAACAAAGATTTAAACA	GAGTCGAGGTCATATCGTCAGTCAGAAATAAAAACAAAGATTTAAACG	TAAAACAAGTTTCCATTTCTTCAACGTCAATCTAGTGAGCGTCAGGGTCTGCCTATAGTGAGTC	0.9139	0.2997

rs1553585	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAGCCTTTGTTAGTGCAATTATTTA	GAGTCGAGGTCATATCGTGTGAGCCTTTGTTAGTGCAATTATTTG	ATTTCATTTTTAAGTTTGAGTATATTTAACCGGGCGATATAGGGTCCTGGTCTGCCTATAGTGAGTC	0.4406	0.2942
rs1553586	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGACCAGACGTTTAGGAGTGGAGAA	GAGTCGAGGTCATATCGTGGACCAGACGTTTAGGAGTGGAGAT	CTGTTTTCAAGATGCACATGAGATAGACAACCACGTCGCATCTGGTCTGCCTATAGTGAGTC	0.808	0.9178
rs155971	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTTGAGCAGCTTGCTTCTGATTCT	GAGTCGAGGTCATATCGTCCTTGAGCAGCTTGCTTCTGATTCC	TCTCTACAAAATGAAGGGATCACGCAGTATCAATCGGTTCCTACGGTCTGCCTATAGTGAGTC	0.8262	0.3775
rs155995	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAACAAGCCAAGAGACTGCTGTTATAATA	GAGTCGAGGTCATATCGTGCAACAAGCCAAGAGACTGCTGTTATAATG	TTTTATAGATTAATTTCTCTGTCTTTTGTGTACTAATCGGGACAGGTCAAGTCTGCCTATAGTGAGTC	0.4783	0.5415
rs156002	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTGTGGAATATGAGCATGCCACT	GAGTCGAGGTCATATCGTTCTGTGGAATATGAGCATGCCACC	CAGTTTCTGTCCTCATCAGACTAGAGTCCCGATCCTAGTGGCTGTCTGCCTATAGTGAGTC	0.6045	0.671
rs156003	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTAGAGATGCAAAAGCTGAGCACT	GAGTCGAGGTCATATCGTGTTTAGAGATGCAAAAGCTGAGCACC	ACTGCTTATTTTCCTTTTGTGTTATCAAATGCGGTCTCTAGTTACGGGTCTGCCTATAGTGAGTC	0.1254	0.7713
rs156016	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACATCAGAAAGCAGGAATGAGGACA	GAGTCGAGGTCATATCGTCACATCAGAAAGCAGGAATGAGGACG	ATAAAAAGCTGTGATGTGCAGTCACGGGTAACTCACTCGGTGTGGTCTGCCTATAGTGAGTC	0.1424	0.3889

rs156021	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGCTTTGAGAACAAAGGGAGA	GAGTCGAGGTCATATCGTGGGGCTTTGAGAACAAAGGGAGG	ACCTTTAATTTAAAAAATGTAAGGCACAATGGTCTTCATGCGCCCTCGTCTGCCTATAGTGAGTC	0.6226	0.3821
rs1561288	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCACCCAGATGTGTGTCCTCCA	GAGTCGAGGTCATATCGTGCCACCCAGATGTGTGTCCTCCG	ACTTCTTGTGAACTGTAACAGTCACTCAGAGGGTCGCTGCATAAGCGTCTGCCTATAGTGAGTC	0.1239	0.007326
rs1573105	NHLH2	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGACCACACGTAACCACACGTATCA	GAGTCGAGGTCATATCGTGCAGACCACACGTAACCACACGTATCG	TACAAAGCTTTCCGTTTCTTTAGTCTAAGTTCCGGTTCGACGTGGTCTGCCTATAGTGAGTC	0.5823	0.1348
rs1583645	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCAGCTGTACCAACTTTACTGGCAT	GAGTCGAGGTCATATCGTTCAGCTGTACCAACTTTACTGGCAC	TGTATTACTTGTTTGTGGCTTCGTTGCGTCAAAGCTAGGGATCGGTCTGCCTATAGTGAGTC	0.01084	0.362
rs1583646	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTAAGAGGGCAAATAAATGTTGCCA	GAGTCGAGGTCATATCGTTTAAGAGGGCAAATAAATGTTGCCG	TGAAAGCTTTCCATGAGTATTTAGGATCTTGAAATTGTCGCACAGCAGTCTGCCTATAGTGAGTC	0.9593	0.001188
rs1586681	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTCATTGAAGTATCCAGCACAGTGA	GAGTCGAGGTCATATCGTGCTCATTGAAGTATCCAGCACAGTGC	TTAACGTAAACCTAAGACACATCTGGACCTACTGGAATCTGCGACTGTCTGCCTATAGTGAGTC	1	0.1801
rs1596360	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACACACAAAAGGATCAAACTGTTCCT	GAGTCGAGGTCATATCGTACACACAAAAGGATCAAACTGTTCCC	TGCAATATAAATGCATTCCATAGGACCCTCATTGCGTTTGTAGAGGTCTGCCTATAGTGAGTC	0.08595	0.8596

rs16126	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTCCTCAATGAAAAATCTATTACAATAGT	GAGTCGAGGTCATATCGTGCCTCCTCAATGAAAAATCTATTACAATAGC	AGGATTATTTTCGTTAAACTTATTAGACCGGGGTTTATGTAGTCGCGTCTGCCTATAGTGAGTC	1	0.6206
rs16135	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCACTCCCATCATGTGTGAGATTTT	GAGTCGAGGTCATATCGTGCCACTCCCATCATGTGTGAGATTTC	TCAAAGATTTTCTGGAGTTGCATGCTGTAGAGCGTGAATCCCGGTCTGCCTATAGTGAGTC	0.004329	1
rs16148	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTGCTCGGGGGTGCTTACA	GAGTCGAGGTCATATCGTTTGCTCGGGGGTGCTTACG	AAAGTGCAAAACATCTTCTAACTTCAGTCGATTGAAGCTGCGGTTCGTCTGCCTATAGTGAGTC	0.08437	0.726
rs1619120	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTATCGTGAGAGCCAATGACTCAAT	GAGTCGAGGTCATATCGTGTTATCGTGAGAGCCAATGACTCAAC	CCAAAAATAAGACTTTTCTCATCAGGCAACCGGCTTATAGGTCTCTGTCTGCCTATAGTGAGTC	0.1709	0.5925
rs1627784	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAGCTAGACTAAGGAATGCATCCACT	GAGTCGAGGTCATATCGTGTGAGCTAGACTAAGGAATGCATCCACC	TCATCACATGAGACACTGACTCTGAGCATTGTCAACGCCGTTTCCGTCTGCCTATAGTGAGTC	0.5197	0.1985
rs16470	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCATTTATTCTCTGAATTTGTTAATTTGTCT	GAGTCGAGGTCATATCGTCATTTATTCTCTGAATTTGTTAATTTGTCC	TAAGATTATGGTTAAGAGATCTCAGGCACCGATTGGACTGATTTCCCGTCTGCCTATAGTGAGTC	1	0.5945
rs16472	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTCTTCCAGCAGTGAATGCAAA	GAGTCGAGGTCATATCGTTGTCTTCCAGCAGTGAATGCAAG	GGAGATCAGGTTGTGTATGATCCCGGTGATCTTGAGCGATATACTTGTCTGCCTATAGTGAGTC	0.2508	1

rs16473	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGATCCAGTGCCTTTAAACCTATTCTAA	GAGTCGAGGTCATATCGTTGATCCAGTGCCTTTAAACCTATTCTAT	ACCTATTTAAACGTATTTCAAACCGAACGTCCAGGGTCCTATGCTAGTCTGCCTATAGTGAGTC	0.6241	0.9045
rs16476	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGCCAGCACGAAGGGTGT	GAGTCGAGGTCATATCGTGCAGCCAGCACGAAGGGTGG	AGTATAGAGTTGTGAGATTTGTTTTCTACACGTTGCCCTTAGGTATCCGGTCTGCCTATAGTGAGTC	0.8829	0.5337
rs16479	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTTTTATTCTCTGAATCCTTAACCCTCA	GAGTCGAGGTCATATCGTTTTTTTATTCTCTGAATCCTTAACCCTCG	AATAAGTTCTTATTCTTGAGAATCAAAAACAGCGGTTCAGTTTGTCGTAGGTCTGCCTATAGTGAGTC	2.09E-173	4.18E-181
rs1659401	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCATCTTAAATAGGCCACTGAGTATTAT	GAGTCGAGGTCATATCGTTTCATCTTAAATAGGCCACTGAGTATTAC	AATAAGCATTTAAAGATTTTTTTTTCTAGATCGCAAAAGTGTCTCGGAAGTCTGCCTATAGTGAGTC	0.2181	0.2542
rs1659409	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAGCAAGTCCTAGAACTCTCTCACTCTT	GAGTCGAGGTCATATCGTGTGAGCAAGTCCTAGAACTCTCTCACTCTC	TTTTATCTATGAAATGTGCATAAAAGATTTCGTCGGTGGAAGCCAGAGTCTGCCTATAGTGAGTC	0.09611	0.4786
rs1662696	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAAAATAGGTATTGTTTTTAACCGGCA	GAGTCGAGGTCATATCGTGTGAAAATAGGTATTGTTTTTAACCGGCG	AGTTAAGAATGTTATACTGAAATGACTGCCGAAGCTCAATGGTACGAGGTCTGCCTATAGTGAGTC	1	0.02022
rs1662699	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGATTCATCAATTGTTTTCATGAGT	GAGTCGAGGTCATATCGTTGATTCATCAATTGTTTTCATGAGA	TCCTTTGAAAATGCTTAAAAAGTATGCTGGGCTACCGTAACGATACGTCTGCCTATAGTGAGTC	0.2598	0.4774

rs16871960	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGGGGGGAAATGAGTTTTAAATAT	GAGTCGAGGTCATATCGTGTGGGGGGGAAATGAGTTTTAAATAC	TTGAATCAAAAATGATATATACCAGGTAACGCTGACACCTGCTTCGGGTCTGCCTATAGTGAGTC	1	0.1352
rs16999550	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTACAAGTAGGTCTTTGGCCATATCA	GAGTCGAGGTCATATCGTGTTTACAAGTAGGTCTTTGGCCATATCG	GAATATCCTTAAATGCTAGACTGAGCTTCGTAAGTGAGGCCGGTTCAGTCTGCCTATAGTGAGTC	1	0.7993
rs17039879	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTATTAAATGCTCAAGTCGCATTGA	GAGTCGAGGTCATATCGTGTTTATTAAATGCTCAAGTCGCATTGG	GGGTAATTTAATACTTTAAGACTTCACGGTGATGACCCAATACGCATAGGTCTGCCTATAGTGAGTC	0.7247	0.7044
rs17046539	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCGTGACTCGGTTAGGTCCCT	GAGTCGAGGTCATATCGTGCCGTGACTCGGTTAGGTCCCC	TCTGTGTACTGTTATTGCTCCTTCACGCTCTGATTACTACGGCCTGTCTGCCTATAGTGAGTC	1	0.03274
rs17046560	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACAATGCATAATTACATATTAACCAGTGT	GAGTCGAGGTCATATCGTGCACAATGCATAATTACATATTAACCAGTGC	TTACTGATTTAGAGTTTGTGTCCATTCGAGACGCAAATAACCGTACCTGTCTGCCTATAGTGAGTC	0.04501	0.9197
rs17046561	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTAGGAAACACATGGCTTGATA	GAGTCGAGGTCATATCGTGGGTAGGAAACACATGGCTTGATG	AGATTGAAGAAGGACAGATGTACGGCTCATGGTAGCGGGACTATCGTCTGCCTATAGTGAGTC	0.8138	0.7258
rs17046887	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGACTTGGCTCCCAGGGACTT	GAGTCGAGGTCATATCGTGTTGACTTGGCTCCCAGGGACTC	CCCATGTCATGCTTCACTTACCTCAGATACCGAGACTTGGGCCGTCTGCCTATAGTGAGTC	1	0.7863

rs17060420	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCTTCTTTCTTAAGCCTCTTGTCTGTT	GAGTCGAGGTCATATCGTGTTCTTCTTTCTTAAGCCTCTTGTCTGTC	GTCTTAGGTATTTGTCTTATGTATTTGGTACAGTCTCGCGGTGCCTAAGGTCTGCCTATAGTGAGTC	0.6743	1
rs17060460	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATTATCCCTCACCACCTTCCTCAA	GAGTCGAGGTCATATCGTGATTATCCCTCACCACCTTCCTCAG	TGTGAGCCTTGTGTGTCAGCTGAGACTTATGACAACGCGGCGTCTGCCTATAGTGAGTC	0.1985	0.3661
rs17060530	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAGTGGTGGGTCTCCAAGT	GAGTCGAGGTCATATCGTGGCAGTGGTGGGTCTCCAAGC	CTAACATGATCAGTGGTCTCTGAGAGTCAAGTCCGACATGAGTATCGGTCTGCCTATAGTGAGTC	0.8297	0.1762
rs17060534	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAAAAGGGATGGATGGGCAGAAA	GAGTCGAGGTCATATCGTGAAAAAGGGATGGATGGGCAGAAG	CAACAGTCCCTGGACACCTTCAGAACGTGGTGCGAGGCAAGTCTGCCTATAGTGAGTC	0.2038	0.8115
rs17066829	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGTTCCTTTTCAAGGGTTTACATTTA	GAGTCGAGGTCATATCGTTGGTTCCTTTTCAAGGGTTTACATTTT	TATCAGCAATCTCAACTTAGATAATGCATGAGCGGGTTCGTACCAGTCGTCTGCCTATAGTGAGTC	0.9564	0.1791
rs17066856	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTACCCACATTCTGTTAGACTTGCAT	GAGTCGAGGTCATATCGTGTCTACCCACATTCTGTTAGACTTGCAC	ATTTACTTTTTTGGTGTTAACTGCCAGGAACTCATCGGACTCCACTGTCTGCCTATAGTGAGTC	0.25	0.1805
rs17066858	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAGGTCCAACTATCTCTGAATATCACAA	GAGTCGAGGTCATATCGTCAAGGTCCAACTATCTCTGAATATCACAG	TGAAAACCTCTTAAATAAAGGAGCGGAACTCTCCTTAGATCGCCGCGTCTGCCTATAGTGAGTC	1	1

rs17066859	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACTGAAACAATTCCTCTTTATGTGCA	GAGTCGAGGTCATATCGTGCACTGAAACAATTCCTCTTTATGTGCG	ACACTCAGTGATACTTCACATACCAAGCCTGAGAGTATGTCGTCCGGTCTGCCTATAGTGAGTC	0.07445	0.9315
rs17066865	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTAAATAAGAAATGGCTTCACCGTGT	GAGTCGAGGTCATATCGTGTTAAATAAGAAATGGCTTCACCGTGG	AGTCTACTTAGCTGTCAAAATGATCAGTTCTAAGCACGGCGTTCCAGTCTGCCTATAGTGAGTC	1	0.4042
rs17066879	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTGCAAGGGGAAAATACAAAA	GAGTCGAGGTCATATCGTGGGTGCAAGGGGAAAATACAAAT	ATTGGAAGATGATACAAACACTAAGATCTACTCGTCCGGCTGAGCAGTCTGCCTATAGTGAGTC	0.6791	0.08279
rs17066888	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATTCGTTGCCTCAAAACATGCCA	GAGTCGAGGTCATATCGTGATTCGTTGCCTCAAAACATGCCG	CCTTACTCTGGCCTCTCCTATTACTGGCTACACTTAACGGGGCGTCTGCCTATAGTGAGTC	0.5656	0.06989
rs17066892	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCCTCAATTACATTCTGATTATTTTTGTAT	GAGTCGAGGTCATATCGTGGCCTCAATTACATTCTGATTATTTTTGTAC	GCACAGTTTTGATAGAAGAGTTTTCGTAAGGTGGCGTGACGACTAAGTCTGCCTATAGTGAGTC	0.8527	0.05937
rs17085655	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTCCTAGGCATTTTATACAGGCACAA	GAGTCGAGGTCATATCGTGGTCCTAGGCATTTTATACAGGCACAG	GAGGTATGTACAGAGAAGAGGAGGGGTCAATACTCAACGGGAGATGGTCTGCCTATAGTGAGTC	0.5498	0.4529
rs17085675	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACTATCAGTGATAGGATTGGAGAAGAA	GAGTCGAGGTCATATCGTCACTATCAGTGATAGGATTGGAGAAGAT	TTTTAGTATCAAGGAATAAACATTCATGCGTTTCACCCACACCGAAGAGTCTGCCTATAGTGAGTC	0.6756	0.4288

rs17085799	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGTGCCTCCTCTTATATCCCATTTCT	GAGTCGAGGTCATATCGTGAGTGCCTCCTCTTATATCCCATTTCC	AAAAATTGCTCTTGGTTTTCATCACGGTAACATTAACGGGGTATGGGTCTGCCTATAGTGAGTC	1	0.01753
rs17087628	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCGATAAATGCTGATGACTTCACCAT	GAGTCGAGGTCATATCGTCGATAAATGCTGATGACTTCACCAC	CAGAAACTTTAAAGGTCTCTAGTATGCTAGAACTCGGAAGGTTGCGACGTCTGCCTATAGTGAGTC	1	0.6349
rs17087700	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAACGAAAATCCAGCGAGAAGGTT	GAGTCGAGGTCATATCGTGGAACGAAAATCCAGCGAGAAGGTA	CTTGTAAAAGGCAAATGTATTGGCGATTCATAGACCCGTTTCCGGTCTGCCTATAGTGAGTC	0.7966	0.5456
rs17087710	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCCCAGGCTAGGGAGGAGTTTCA	GAGTCGAGGTCATATCGTTCCCAGGCTAGGGAGGAGTTTCG	TATTTTTCCCAGTCACAGCTTGTCATATACGGGGCTAACACTGGGTCTGCCTATAGTGAGTC	0.845	0.06358
rs17087869	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGACAGGTCTCAGTCTCGCCCA	GAGTCGAGGTCATATCGTGAGACAGGTCTCAGTCTCGCCCG	GTGGACAAGGCTCTAGGGAACGCTCTAGCCTGTACGGAAGTTGTCTGCCTATAGTGAGTC	1	0.1291
rs17087883	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGCCCTAAATATCTCCTGATGCCTT	GAGTCGAGGTCATATCGTGGAGCCCTAAATATCTCCTGATGCCTC	TGCAACTCAAAGTAGAGATTTAGTGTCGGTAGATCACGTTCAGCACGTCTGCCTATAGTGAGTC	0.6451	0.9039
rs17087885	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGACTGAAAGTCCTCCATCATAGTCAT	GAGTCGAGGTCATATCGTAGACTGAAAGTCCTCCATCATAGTCAC	TCCTCATAAACTCAAAAAGGAGTAGATCGGTTACTTCTGGTCAGGTGGTCTGCCTATAGTGAGTC	1	0.8008

rs17087898	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCAAGAGTTTGGAAAAGTTTTCTGATAAAT	GAGTCGAGGTCATATCGTCCAAGAGTTTGGAAAAGTTTTCTGATAAAC	CTCTAGCACATAATGAGGCAGTCAGCCAACAGGACTCGCTCTGGTCTGCCTATAGTGAGTC	0.5598	0.5734
rs17087959	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGTATTTGGGTCTGGCTTTGAAGT	GAGTCGAGGTCATATCGTGTTGTATTTGGGTCTGGCTTTGAAGC	AGGAGTGTTGACTTCAAGAAGTAGTGACAGTCCCAATCCACGTTCGTCTGCCTATAGTGAGTC	0.117	0.5203
rs17088001	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCAGAATCAACTCCAATGTGCAGAA	GAGTCGAGGTCATATCGTCCAGAATCAACTCCAATGTGCAGAC	TTATCACCCTGTTTTGGATTCCTGGATGGCCGTATTGCACACTGTCTGCCTATAGTGAGTC	1	1
rs17088013	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTTCCAAGCTGAGCATGTACAGGT	GAGTCGAGGTCATATCGTCTTCCAAGCTGAGCATGTACAGGC	TCAGAGGAGTCTGTCTGAGCTTCGTCTTTCGGAGGCAAGCATGGTCTGCCTATAGTGAGTC	1	1
rs17097182	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGCCACCCTATCTAAAACCACAAA	GAGTCGAGGTCATATCGTTGGCCACCCTATCTAAAACCACAAT	ACCCAAATACTACTTATCCTCCTTCATCGGAGTTAAGAACGGGGTACGTCTGCCTATAGTGAGTC	0.7901	0.515
rs17097193	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTCCATAATGAAAATTCAAGTTGTGGA	GAGTCGAGGTCATATCGTGGTCCATAATGAAAATTCAAGTTGTGGG	CAAAATGAACAAAACCTCTGTTTCTGGGAGTACCTAGCTTCGGAGTCTGCCTATAGTGAGTC	0.6655	0.7791
rs17127608	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTTTTCATTCATAGTAAGCCACCA	GAGTCGAGGTCATATCGTTGTTTTCATTCATAGTAAGCCACCG	TATCCAACTAAGAGAAATATTAATGTATGCCGGTCTCCTTGTAGAACCGTCTGCCTATAGTGAGTC	1	0.2076

rs17127655	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAACAGATGACTAAATACTCGGGTTCTT	GAGTCGAGGTCATATCGTGCAACAGATGACTAAATACTCGGGTTCTC	TGAAGGAGTACAGGGCAGAAATATCCGTCACTACTGATCGTGGGGTCTGCCTATAGTGAGTC	0.04498	0.4319
rs17127677	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTCAGGCCATAATGAAGCATTAA	GAGTCGAGGTCATATCGTTCTCAGGCCATAATGAAGCATTAC	TAAAACTAGTTTTGCAATTATGTTTGCTATGTGCTAGTATCCGGGCAGTCTGCCTATAGTGAGTC	0.3126	0.1026
rs17127680	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCAGGCAAGATTGGATTCTGGAA	GAGTCGAGGTCATATCGTGCCAGGCAAGATTGGATTCTGGAG	ATGGAGCAAAAGCAAGACCTTATCTGTCTTACCAAGCCGAGTGGGTCTGCCTATAGTGAGTC	0.8343	0.6298
rs17127686	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTGATGCTTTGGGGTACATGCTAGT	GAGTCGAGGTCATATCGTTTGATGCTTTGGGGTACATGCTAGC	GAGGAGAGAGAACAGCCAAAGCGCGGTGATTAAGCATGAGCTGTCTGCCTATAGTGAGTC	0.04506	0.9127
rs17127690	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACTAAGTTTGAAGAGCTGACCCTGAA	GAGTCGAGGTCATATCGTGACTAAGTTTGAAGAGCTGACCCTGAG	GAAAAGCAAATTCAGAAAAATTCTCGACTGGACGGCTAACTTTGCGTCTGCCTATAGTGAGTC	0.1413	0.6707
rs17127807	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCTTGGCACACAGCTTTCAA	GAGTCGAGGTCATATCGTGTGCTTGGCACACAGCTTTCAG	AAGTATTGGCTATTTCTATTATTACAAGACTGAGATTCGCGGGTCGTTGTCTGCCTATAGTGAGTC	0.6235	0.694
rs17127826	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCATGAAGTGGTCTTCCAAACTCAAAT	GAGTCGAGGTCATATCGTGCATGAAGTGGTCTTCCAAACTCAAAC	TTTAACTGTAACATTTCATTATTAAGTAGCCGGTGCTGTCGCCAATTACGTCTGCCTATAGTGAGTC	0.6261	0.5419

rs17151837	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTATCAGCCTGGGACTTCTCCCAA	GAGTCGAGGTCATATCGTGTATCAGCCTGGGACTTCTCCCAG	CATTGTCTCTGAATTTTTCAGTCGGAGGTTATGTGGTCGTAATCCCGTCTGCCTATAGTGAGTC	1	0.513
rs17151878	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGTCAGTGTTCTCCATAGTGTATGAT	GAGTCGAGGTCATATCGTGTGGTCAGTGTTCTCCATAGTGTATGAC	GCATTTGAAACATCAGTAATGACGTGCCGCAACTGATAAGCGTTGGTCTGCCTATAGTGAGTC	0.156	0.3252
rs17151919	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTCACCAGTATGCCTTCCAGAAACA	GAGTCGAGGTCATATCGTGCTCACCAGTATGCCTTCCAGAAACG	GATCCAAATATCCAACGACCTTCAAAGCGGTATTTTACGTGACGGGTCTGCCTATAGTGAGTC	1	0.3216
rs17151922	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCCTTTGGATGACCAGAACAAT	GAGTCGAGGTCATATCGTGAGCCTTTGGATGACCAGAACAAG	TTCCCTCTGAGAATTCCAAGCGGGTGAGATTTTCGCTCGAACGTCTGCCTATAGTGAGTC	0.006496	0.02646
rs171895	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGAGGTACCATTTATTAGCATGTATTCTT	GAGTCGAGGTCATATCGTCAGAGGTACCATTTATTAGCATGTATTCTC	ATGAAATTTCCTGAATTGAAATTCAGTGCCGTTAGACCTACCGAAGTCTGCCTATAGTGAGTC	0.05112	0.9002
rs17240428	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGTTCCTGTTTCTTTATAGCACTCTTTT	GAGTCGAGGTCATATCGTTGGTTCCTGTTTCTTTATAGCACTCTTTC	GTTGACAGTCTTTTTTGTCCTATTGAATTTACGCATTGTGACTGGACGTCTGCCTATAGTGAGTC	0.3217	0.325
rs17309944	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATCTTGGCTTTTTATGTTGGATCT	GAGTCGAGGTCATATCGTGATCTTGGCTTTTTATGTTGGATCC	TATTGCGATTAGAATTAAGCATATTATCGTCAACCTTATTGCGCTCAGGTCTGCCTATAGTGAGTC	0.4896	0.5595

rs17418241	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTTCAGGTTACCTCCCACATGGA	GAGTCGAGGTCATATCGTGGCTTCAGGTTACCTCCCACATGGG	TTCATTTTCCCCATGACATAGGGCGCGATCCTATGACCACTGAGTCTGCCTATAGTGAGTC	1	0.7415
rs17435706	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCGATGTTGGTGTAATTGGCTTCTAGGT	GAGTCGAGGTCATATCGTCGATGTTGGTGTAATTGGCTTCTAGGC	GAATAAGATAAAATGAAACCACAACGATGAACTATTCGCGTCTGAAACGTCTGCCTATAGTGAGTC	1	0.06199
rs17489067	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTAAATGAGTGTAAAGGCCATGGAT	GAGTCGAGGTCATATCGTGTCTAAATGAGTGTAAAGGCCATGGAG	ACAGTTTCCAGACCAACTGAAAGGGTTCTATGTTTGGACGCCATGGTCTGCCTATAGTGAGTC	0.2629	0.3596
rs1751492	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACATGTTTTTCTCTATACCTTTTGGTGA	GAGTCGAGGTCATATCGTGACATGTTTTTCTCTATACCTTTTGGTGG	AAAATCCTAAAAGCCTAAGTCATATGGTCACCACGCTTTGCACGAGTCTGCCTATAGTGAGTC	0.9019	0.6004
rs17624818	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACATTGTTAAGTCTGGACCCCAGAT	GAGTCGAGGTCATATCGTGACATTGTTAAGTCTGGACCCCAGAC	GGTTTCCTCTACACTGGGAGTAGCGGTGATAGGGCAGCTCATTGTCTGCCTATAGTGAGTC	0.4543	0.4081
rs17679136	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACCCATTTGTCAAACCTGAGGAA	GAGTCGAGGTCATATCGTGCACCCATTTGTCAAACCTGAGGAG	TTTAATTTACCCCATCCTTAAACTTCAAGCGGGGCTGTCAACACAGTCTGCCTATAGTGAGTC	0.9513	0.2371
rs17686882	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAGTGAGCCTGTCTATGGAAAAGGT	GAGTCGAGGTCATATCGTTGAGTGAGCCTGTCTATGGAAAAGGC	TGTAACGAAGAGAAGAAACCAATCGATATTTGCGAGGCACTGTATGGTCTGCCTATAGTGAGTC	0.952	0.4888

rs17687125	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGACATAATTTCTTATAATCAGTCTTGGT	GAGTCGAGGTCATATCGTTGACATAATTTCTTATAATCAGTCTTGGC	GCTTATTATTGTTTTTACATTATGTGGGATAGGCCAACGCTCAATCGTGTCTGCCTATAGTGAGTC	0.5037	0.6903
rs17773774	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCAAAAGCAGAGTCTAAGAATTTACTGA	GAGTCGAGGTCATATCGTGTGCAAAAGCAGAGTCTAAGAATTTACTGC	AATTGAAAATAAATCTACTTTTAAACCAACAGTCGCCGAGTCTCATCAACGTCTGCCTATAGTGAGTC	0.4543	0.7013
rs1778913	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTTATGGGCTATGGCCTAATGGTAA	GAGTCGAGGTCATATCGTCCTTATGGGCTATGGCCTAATGGTAG	GTGTATAATATTGATACTATCACTGCCGTACCAAGTGGTCTGCCGTCGAGTCTGCCTATAGTGAGTC	0.3142	0.4874
rs1778933	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTGTTGGAGGGATACTTGGAGGT	GAGTCGAGGTCATATCGTGGGTGTTGGAGGGATACTTGGAGGC	ATCAAGCAGACACAAATTAAATGTATCCGTGGGCCTGCAAGAGCTGTCTGCCTATAGTGAGTC	0.5072	0.2803
rs17792983	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCACCCAAATTCAAACAGACCACT	GAGTCGAGGTCATATCGTTTCACCCAAATTCAAACAGACCACC	CTACCATCTCGACCAGGATCACCACGTTCGCGTTCTCACATGGTCTGCCTATAGTGAGTC	0.9538	0.5236
rs1782755	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGAATCATCGGAATCGTCTGTTACT	GAGTCGAGGTCATATCGTGCAGAATCATCGGAATCGTCTGTTACG	AAAAATCAGGTTAATCAAATGAATAATCGTCTATGCCGAGGTACGTCGTCTGCCTATAGTGAGTC	0.811	0.6787
rs1782763	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATCAGACTGTGGATTTGTCTTTGTATAT	GAGTCGAGGTCATATCGTGATCAGACTGTGGATTTGTCTTTGTATAC	TTATACAGATTTCTTCAAATATTTGTACCTTCAAACCGGGTGGCATTTCGTCTGCCTATAGTGAGTC	0.774	1

rs1822420	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGGCAGGTGATGTCTGGTTGCA	GAGTCGAGGTCATATCGTAAGGCAGGTGATGTCTGGTTGCG	ACACACACAATTTCCCTGTTAAGGGTAAACGTGCTGCACTTGTGGTCTGCCTATAGTGAGTC	0.2901	0.5191
rs1847912	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACCCCAGATTCAACTGCTTACA	GAGTCGAGGTCATATCGTGCACCCCAGATTCAACTGCTTACG	GACATTTCCACTCTGACGAATTGATGGTAGGGTCCAACGCCTAGTCTGCCTATAGTGAGTC	0.2315	0.8608
rs1866225	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTTTTTCTCAGAGCCTCTGGCATT	GAGTCGAGGTCATATCGTGTCTTTTTCTCAGAGCCTCTGGCATC	ACGTGCTTGGAGATACCTGAGCTACGTCGCCTTCAATGCCAGGTCTGCCTATAGTGAGTC	1.48E-66	1.13E-53
rs1867283	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCATTGCAGGGGAAATGCT	GAGTCGAGGTCATATCGTGGGCATTGCAGGGGAAATGCC	AAATGCCTCAAGCAAGCTCTATCCTCGGAATTAGTTTGAACCTCCGGTCTGCCTATAGTGAGTC	0.9609	0.001972
rs1869641	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAATTCCTAAATGTGCATCTGTCCTTA	GAGTCGAGGTCATATCGTCAAATTCCTAAATGTGCATCTGTCCTTG	GTAATAAAAGGTCTTGAAGAATGAAACCTAGACCATTGGACCGGGTAGTCTGCCTATAGTGAGTC	0.6424	0.359
rs1876155	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTTGCCGGCCATTACACTGT	GAGTCGAGGTCATATCGTCCTTGCCGGCCATTACACTGG	ACATTTCTGGCATCTAAAAGAGTTTGGGCCTCAAACGGATAGCCTGTCTGCCTATAGTGAGTC	0.6369	1
rs1883306	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAACCGGTGGAGAGGCCCCA	GAGTCGAGGTCATATCGTAACCGGTGGAGAGGCCCCC	TCTGGACCTAAAACCAGCGAGCTACCAATCTCGGTTGTGTGTGGTCTGCCTATAGTGAGTC	1	0.0837

rs1887285	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCTGAGAATAAAACTCATCTCCTACTTAT	GAGTCGAGGTCATATCGTGTGCTGAGAATAAAACTCATCTCCTACTTAC	AAGTCTTTCTTAAAGTGAACATGACGGTTTCGAGATTAGAATCGCGGGTCTGCCTATAGTGAGTC	0.4162	0.1012
rs1899637	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTTGCAGTGAAGAGCCCAGGA	GAGTCGAGGTCATATCGTGGTTGCAGTGAAGAGCCCAGGG	TAAAACTTACTTCTATTGATTACCATGACCGAACTCCTCCATTTGGCTGTCTGCCTATAGTGAGTC	0.002566	0.3607
rs1899640	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTGGGGATCTCAGGTGTTGACA	GAGTCGAGGTCATATCGTGTTTGGGGATCTCAGGTGTTGACG	GTATATCTGCCAGGACGCTGTGTGACGTGGTCGAGTAAACTTTCGTCTGCCTATAGTGAGTC	0.1923	0.796
rs1899641	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATGGCATAGCCAAAAAACCCCAA	GAGTCGAGGTCATATCGTGATGGCATAGCCAAAAAACCCCAG	GTAATGCAATACTCTTTATACTTAGAACCACGACCTTTTCGCCTGTAGGTCTGCCTATAGTGAGTC	0.8052	0.3594
rs1936434	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGATAAACCAATGTAACAGGACTGGTT	GAGTCGAGGTCATATCGTGGGATAAACCAATGTAACAGGACTGGTG	AGGCCAGGGTGATAGACATACCCGATGGATAGGTCGGTGAAGTCTGCCTATAGTGAGTC	0.5656	0.3729
rs1943217	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGCTACTGCAGAGCTGGTGAGTTT	GAGTCGAGGTCATATCGTAAGCTACTGCAGAGCTGGTGAGTTG	GAATGGGAAAATATGTCTAGTTAAACGCTTCGATGGCACCCTTACGAGTCTGCCTATAGTGAGTC	0.7257	0.0009759
rs1943218	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCATCTATTGCCTTTTATCTGAAAAAAGAT	GAGTCGAGGTCATATCGTGCCATCTATTGCCTTTTATCTGAAAAAAGAC	AAATTATATTAGATTCATCTATGGCAAGAATCCAGGTGCCGGTGTTGTGTCTGCCTATAGTGAGTC	0.789	0.1617

rs1943224	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACACCCATGGTGCCCAAGTTTA	GAGTCGAGGTCATATCGTACACCCATGGTGCCCAAGTTTG	TAATCTCACCAAGGTAAAATCTTCCGTGCCGATCTGTGAAGCCTAGGTCTGCCTATAGTGAGTC	1	1
rs1943225	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGAAATTCTCCTCAGAAGTGCAA	GAGTCGAGGTCATATCGTGTGGAAATTCTCCTCAGAAGTGCAC	CATTATTACTTTTCCAGTCAGATCTACTTGAAGCCGTCCTTGTCCCAGTCTGCCTATAGTGAGTC	0.7256	0.4944
rs1943226	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTCTCTCTCTTGCATTTCGTTCTCT	GAGTCGAGGTCATATCGTGCCTCTCTCTCTTGCATTTCGTTCTCG	TTCTTCTTAACCATGATGTTCAGAGCTGTCGATGATCCGGTCTCAGTCTGCCTATAGTGAGTC	0.8811	0.4632
rs1943227	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTAAGCTAAAGTTCAGATCTTCATATTTTA	GAGTCGAGGTCATATCGTGTTAAGCTAAAGTTCAGATCTTCATATTTTG	CTATATTTCTATAACCCAATTATAGTTTTGCCCTACAGAGAGCGTCCTGGTCTGCCTATAGTGAGTC	0.9123	0.2217
rs1946816	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGATTCAAATCTCCAGTTGGGAACTAA	GAGTCGAGGTCATATCGTGTGATTCAAATCTCCAGTTGGGAACTAC	ACATCAAACATTTCAAAAATCAATCGGCTATTGAGTCCGCGCAATGTCTGCCTATAGTGAGTC	0.3878	1
rs1948308	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCATGTGAGTCTTTCAAGAATAAGTGGGT	GAGTCGAGGTCATATCGTCATGTGAGTCTTTCAAGAATAAGTGGGC	CTGTGGAAAATGTCTACTTTTAGCCGCGTGGAATACTGCTTGACGGGTCTGCCTATAGTGAGTC	0.002717	0.02285
rs195850	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTTCATCCAAATGTTTATTTGTTTCT	GAGTCGAGGTCATATCGTTTTTCATCCAAATGTTTATTTGTTTCC	AGACAGCTAAAGAAAGGAGTCTATAGCGTTGTGCTAACGGGATCTCGTCTGCCTATAGTGAGTC	0.06748	0.7726

rs195851	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAATGCTATTTTAACCCAGCCCAGT	GAGTCGAGGTCATATCGTGAAATGCTATTTTAACCCAGCCCAGG	TTCATCAGACACTTCTTGCTCTAATCGTCGTACAAAGGTTTCTAGGGGTCTGCCTATAGTGAGTC	0.2064	0.3796
rs195853	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCGCGGCAAGGCCAAGGT	GAGTCGAGGTCATATCGTGGCGCGGCAAGGCCAAGGC	CCTCTTTTGCGACTGGGTCACTCAAGGCCGTTAGCTGTGGTCTGCCTATAGTGAGTC	0.1203	0.1162
rs195854	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGTAAGATTAAGTTGCCTTTCTTTTTTTT	GAGTCGAGGTCATATCGTGTGGTAAGATTAAGTTGCCTTTCTTTTTTTA	AAAAAAAAAGGTCTGAAATGTTATTATCGTAACCTTGCGAAGAGCGGGTCTGCCTATAGTGAGTC	1.40E-27	0.6584
rs195862	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCAGGGTGTGCGGACACTTCT	GAGTCGAGGTCATATCGTGCCAGGGTGTGCGGACACTTCG	CCCAAAGCTCTTCTCCTTCCGCAATGTTAGGGACGTTCAAATCGTCTGCCTATAGTGAGTC	0.1451	0.1777
rs1972281	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTAGCCCATTCAAAGGGCTTGGTA	GAGTCGAGGTCATATCGTGTAGCCCATTCAAAGGGCTTGGTG	TCCCCTTTGAAGAGGCTGTCTCGACAGTGCGATTACCGGCGTCTGCCTATAGTGAGTC	0.8274	1
rs1992233	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTACCCACGCTGCAGCTGTAGA	GAGTCGAGGTCATATCGTCCTACCCACGCTGCAGCTGTAGC	GTTTACTCACAGCAAGAGAGAGATCCTCAGTTGGGAAGGCGCTCAGTCTGCCTATAGTGAGTC	1	0.4546
rs200155	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGATGGGATGGATAGGACCTCATAA	GAGTCGAGGTCATATCGTGTGATGGGATGGATAGGACCTCATAG	TGGGCTTTCTTCCTTCTAATTCGCGAGTAACTCAGACCTTCGTGTCTGCCTATAGTGAGTC	0.2744	0.907

rs2021808	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCAAGCAGCTCCAATCTGTTACATAT	GAGTCGAGGTCATATCGTCCAAGCAGCTCCAATCTGTTACATAC	TGTTCTCACGTTAAACAATAACTAGGAAGGGTATCGCCTTGTATGTCGGTCTGCCTATAGTGAGTC	0.386	0.3518
rs2023890	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGGTCAATGATGGCCCACACA	GAGTCGAGGTCATATCGTGTTGGTCAATGATGGCCCACACG	ATAGCAGTGGTCCCATAAGATTATCGTTTGACATCAGCGTCTAAGATGTCTGCCTATAGTGAGTC	0.008291	0.5856
rs2025804	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGTGTTTTGTCTCCCTTCCATTATATT	GAGTCGAGGTCATATCGTGAGTGTTTTGTCTCCCTTCCATTATATC	TAGCTTCACTCTAGTCCTTACTGGGAGATAGGCAATCATACGCGCTACGTCTGCCTATAGTGAGTC	0.5607	0.8582
rs2034107	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACATGTCATCCCACATCTCCCCCA	GAGTCGAGGTCATATCGTATGTCATCCCACATCTCCCCCC	AATCAGTTTATCTCTGCTCTCCAGCAGTCGCGGTTAATCGCATGTGTCTGCCTATAGTGAGTC	1	0.9229
rs2049048	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGTCCCAGAATGGGCCTGAGTA	GAGTCGAGGTCATATCGTAAGTCCCAGAATGGGCCTGAGTG	GCAGATCACTGTGGAGATGTTATCCACAATCAGTGCGTCGCCTGTCTGCCTATAGTGAGTC	0.6859	0.8622
rs2060715	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTGGTATAATGGACTCCCATGTATCT	GAGTCGAGGTCATATCGTTCTGGTATAATGGACTCCCATGTATCC	TCACTTAGCTTTAGCAATTCTCAACGACACGGTGGAATAGTCTACGGTCTGCCTATAGTGAGTC	0.3462	0.1641
rs2071045	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCGTGAGGCCTCATGAGAATCCTA	GAGTCGAGGTCATATCGTCGTGAGGCCTCATGAGAATCCTG	GATTTTTTTCTTATCTTTAATTTTTTTAAGTGGGTACGGGCGTCACAGTCTGCCTATAGTGAGTC	0	2.46E-178

rs2083828	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATGGAGAGAAACGGGTAACAAGAT	GAGTCGAGGTCATATCGTGATGGAGAGAAACGGGTAACAAGAG	ATACAAGAATATTAAGCTTCATCAGAATAGTCCGAAGGAATGCTGACAGGGTCTGCCTATAGTGAGTC	0.6238	0.7221
rs2120266	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGTAGCTGTGAAGGTGAAGCAAAGT	GAGTCGAGGTCATATCGTGAGTAGCTGTGAAGGTGAAGCAAAGC	GTTGGAGTCTAGCTATACTTTGAAGACCGCACTACAATTCCGGTGGGGTCTGCCTATAGTGAGTC	0.07316	0.6893
rs2154381	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATCTGAAGTCCAGAGGGAGCAGTT	GAGTCGAGGTCATATCGTGATCTGAAGTCCAGAGGGAGCAGTC	AGGCTTGAGCTATCACTTTCCTCAATCTTTGCGAGACACGTCGGTCTGCCTATAGTGAGTC	1	0.5844
rs2164864	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCACCACCTGTCATTGAAACCAA	GAGTCGAGGTCATATCGTTCACCACCTGTCATTGAAACCAG	AAAGGCTCATGTCAACTAAATGGCGTCGAACTACATAGGGCTGAGTCTGCCTATAGTGAGTC	0.2584	0.7295
rs2165892	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCAGTCTTGTATTCAGTTTGCTCACA	GAGTCGAGGTCATATCGTCCAGTCTTGTATTCAGTTTGCTCACG	AAGAATCCAAGAAGGTCAAAGTAGAGTCGAATATACCATCGTAACGCGTCTGCCTATAGTGAGTC	4.01E-05	0.06556
rs2165893	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCATGCAGGCACTACCAATCAAT	GAGTCGAGGTCATATCGTGCCATGCAGGCACTACCAATCAAC	GGTGGAGACACGTAAGAAGACATGAGTGCCGTCGAAGTACGAGGTCTGCCTATAGTGAGTC	1	0.2286
rs2167289	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCTCCAGGCATACAGCATGTA	GAGTCGAGGTCATATCGTGTGCTCCAGGCATACAGCATGTC	GGATACCACCATTGAAGAAGGGGTAGGCTCCATGTAAACGCTGTCTGCCTATAGTGAGTC	0.959	0.6942

rs2241367	OTP	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGATAAAAGGAGGAATGCAACAATTAT	GAGTCGAGGTCATATCGTGGGATAAAAGGAGGAATGCAACAATTAC	CAGAAAACAAGAGAAAAGAGCACTGGGGTCGAGTCCAGTGAAACGTCTGCCTATAGTGAGTC	0.5212	0.2188
rs2277192	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAACACATTACCCCAGCTATGGTGAT	GAGTCGAGGTCATATCGTAACACATTACCCCAGCTATGGTGAC	GAGAAGTTGAAGAGACACCGTATTCGCAACCGAACCCAGATTGGGTCTGCCTATAGTGAGTC	0.1604	1
rs2278815	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCAGGCATTGGCCTTACACAGT	GAGTCGAGGTCATATCGTGCCAGGCATTGGCCTTACACAGC	CCTCTCATTCAGAGGTCAGGCGCAGGCGTATTACTAAGCACATGGTCTGCCTATAGTGAGTC	0.2337	0.04846
rs2279010	OTP	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGTGCTGCACAGCGACTTT	GAGTCGAGGTCATATCGTGGGGTGCTGCACAGCGACTTG	GGCCTTAGGTCTTCTCGCTGGATAGTGCTGCCCGAAGCGTAGTCTGCCTATAGTGAGTC	0.8042	0.1296
rs2289230	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCCTTAAAAAAAATTACAGAAATCATCT	GAGTCGAGGTCATATCGTTTCCTTAAAAAAAATTACAGAAATCATCC	ATAAAACCTTGTACAGTGTTATAAACACAGTCCATCCGTGTGAAGACCGTCTGCCTATAGTGAGTC	0.6555	0.4019
rs2289656	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTCCTGGAGCCCACCTCCCT	GAGTCGAGGTCATATCGTGCTCCTGGAGCCCACCTCCCC	CCTCACTGTACCTGAGGAACTTGAGACCCGTCATGGAGCAACTTGTCTGCCTATAGTGAGTC	0.1016	0.8854
rs2291506	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACACTACGTATGTGCATTTGTATATGTAT	GAGTCGAGGTCATATCGTCACACTACGTATGTGCATTTGTATATGTAC	ACATAAATACATGAAAACATCACAGCTAATGTGCCAGGACGACAGCTGTCTGCCTATAGTGAGTC	0.008899	0.3775

rs2294405	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTGCATTTGGGTCAGCGTTATATTT	GAGTCGAGGTCATATCGTCTGCATTTGGGTCAGCGTTATATTC	AGGGGCAAATAAAGTAATTTGACGAGTGGCTCCTCAACGTCCAGGTCTGCCTATAGTGAGTC	0.9535	0.9294
rs2304572	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGTGAAGCCTGAAGGGCCTTA	GAGTCGAGGTCATATCGTAAGTGAAGCCTGAAGGGCCTTG	GGTAGTCCCAGTCCAGTGCTTACTCCGAGTGTTGGATGGACCGTCTGCCTATAGTGAGTC	0.6253	1
rs2322291	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGCCTTTGCTTTCAACAGAATGT	GAGTCGAGGTCATATCGTGTTGCCTTTGCTTTCAACAGAATGC	AACCGGATACCTTCTGAGATAGGACTCTGGATGAGCGGTAACGTGTCTGCCTATAGTGAGTC	0.9608	0.2729
rs2378672	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCACCACCTCAGTGCCACCA	GAGTCGAGGTCATATCGTGCCACCACCTCAGTGCCACCG	AATCATCCATCAACACTCAGTCTATTAACACGAGTAGGTTTGGCCGGTCTGCCTATAGTGAGTC	0.02099	0.4359
rs240763	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCCCGTATGCCTCTGTGTTCAT	GAGTCGAGGTCATATCGTTTCCCGTATGCCTCTGTGTTCAC	TAGTCATTCAGAAAGTATTTATCGAGCATAGAAACGTGGGGATCTCCGTCTGCCTATAGTGAGTC	0.5545	0.1394
rs240764	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCTTGTTGAACTCGCCATTTCTAT	GAGTCGAGGTCATATCGTGTGCTTGTTGAACTCGCCATTTCTAC	CCCTCATTTGGATGACTGTTGTACCGGGCATTACTCACTCCAGTCTGCCTATAGTGAGTC	0.1388	0.6834
rs240765	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGGATCCTTCAGCCCCAATA	GAGTCGAGGTCATATCGTGGGGGATCCTTCAGCCCCAATG	TAAGAAAATTTAAAGAGGGAGTCTTACTAGGTGCTCATCGGTTCGTAAGTCTGCCTATAGTGAGTC	0.02045	0.927

rs240766	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCAGCAAGGGAATCGGAATCCA	GAGTCGAGGTCATATCGTTCAGCAAGGGAATCGGAATCCG	CTTGACTTGAATAAGATTAAGGACACGAGGATTACGTGTGCTCCCAGGTCTGCCTATAGTGAGTC	0.04776	0.4551
rs241812	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCTTTTGAATTCATAGAAAAGTTAGGCT	GAGTCGAGGTCATATCGTGCCCTTTTGAATTCATAGAAAAGTTAGGCC	AATACCAAAGGTGACATACAGTACCGTCCTATGTTCCGCACTAGATGGTCTGCCTATAGTGAGTC	0.8133	0.481
rs241813	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAAACTGTGGATAAGGGGGGACTATA	GAGTCGAGGTCATATCGTGAAAACTGTGGATAAGGGGGGACTATG	TAATTCCACCTCTGGGAATATATGCACTGCGCCAACCTTAGTGGGGTCTGCCTATAGTGAGTC	0.287	0.3178
rs241815	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAAATAATGGAAAAGAGGCAGCCA	GAGTCGAGGTCATATCGTGGAAATAATGGAAAAGAGGCAGCCC	AATAACATATGTGTATTTTATTTCCTTCTACCTACAGTTCGATAGCCCGGTCTGCCTATAGTGAGTC	0.6627	1
rs241816	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAGAAAGTTCCCTGGCCATGAT	GAGTCGAGGTCATATCGTGTGAGAAAGTTCCCTGGCCATGAC	AAGATGTCTCAATAGTGGTCCATGCGTAGGGACTATCAGGGAACGTCTGCCTATAGTGAGTC	0.2181	0.2431
rs241819	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGTCCAGTAAAAACCAGGAGCACT	GAGTCGAGGTCATATCGTGTTGTCCAGTAAAAACCAGGAGCACC	CCTAATTCTGTATTTTTTTTTTGCCCGGCTTTGAGGCAACTCGACTGTCTGCCTATAGTGAGTC	0.6939	0.4725
rs2444933	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGAGGTAGCAGCTGGTTTAAACCTAA	GAGTCGAGGTCATATCGTGGGAGGTAGCAGCTGGTTTAAACCTAG	TAAAACTAGAAAAAGAAACTGCTGACTTACCGGCAGTTCAGGCTCTGTCTGCCTATAGTGAGTC	0.7298	0.3156

rs2444935	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGCGGCAATACCAGCGGCA	GAGTCGAGGTCATATCGTAGCGGCAATACCAGCGGCG	AACGGCCTGTTAGGAGAGTTTATGAACTGCGGTGTTAGATCCAGGGTCTGCCTATAGTGAGTC	0.173	0.2423
rs2586566	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCACTCCAGCGTGGTGGA	GAGTCGAGGTCATATCGTGGGCACTCCAGCGTGGTGGG	GAGATCTCCAAGAGTGAAGTCCTCAATGCACGTACTTTAGATCGCAGTCTGCCTATAGTGAGTC	0.3104	0.03136
rs2658128	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAAAATTCCAAATGAAACCATGTCAA	GAGTCGAGGTCATATCGTAAAAATTCCAAATGAAACCATGTCAG	AGAGAAAATCCTATCTCCTAAAAGACCTCAATCTTATTCGGCAGTGTGAGTCTGCCTATAGTGAGTC	1	1
rs2658134	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTATGGGATGGGAATGAATGAGT	GAGTCGAGGTCATATCGTGTTTATGGGATGGGAATGAATGAGA	TTTTAAGGAAACTGTGGAGTGTGAGTGTGGAGTTCGTTCCTAAGCGTCTGCCTATAGTGAGTC	0.3601	0.3689
rs271920	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAATGATGAAATCAACCTTAAAAGTGCT	GAGTCGAGGTCATATCGTGAATGATGAAATCAACCTTAAAAGTGCC	CAAAATGTTTAAAAGTAAGCTTGTCGTTGAGCCTCTACTACCGACAGTCTGCCTATAGTGAGTC	0.1038	0.8128
rs271921	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCTCATCGCTCTGGCCCAA	GAGTCGAGGTCATATCGTGTTCTCATCGCTCTGGCCCAG	ACTCCTCACTGCCTCTCCGGCATTTCGTGTACCTACCACCGTCTGCCTATAGTGAGTC	0.5531	0.6282
rs271926	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCAGGGAACAATACAGGTCTCAAAA	GAGTCGAGGTCATATCGTGTTCAGGGAACAATACAGGTCTCAAAG	CGAGGAAAAGTTTGAGAATCTGACATGAGTGCATTGCTCCGCTGTCTGCCTATAGTGAGTC	0.06507	0.2845

rs271927	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGTTGAGATTGAAAATGTCAGCCTGT	GAGTCGAGGTCATATCGTAGTTGAGATTGAAAATGTCAGCCTGC	TAGGTAATCCAACATGAATTGTTCTAGTAATTCGACAGTGGCGGTGGTCTGCCTATAGTGAGTC	0.6606	0.5535
rs271943	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCAGGGAGATGACATGGAGT	GAGTCGAGGTCATATCGTGGGCAGGGAGATGACATGGAGC	ATGGAAACAGGTTAGGGACAAGGGAAGGTCTATTTCCGCTCGGTCTGCCTATAGTGAGTC	0.09253	0.3763
rs2811569	NHLH2	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGTTTCTGCTCAGCCGTATTAAGGA	GAGTCGAGGTCATATCGTGCAGTTTCTGCTCAGCCGTATTAAGGG	AAGAAAGGCATACGATAGGAGACTAGGCGGCATCTCTGAGGGAGTCTGCCTATAGTGAGTC	1	0.305
rs2811570	NHLH2	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCTGTATGGGACCGGCTTCCA	GAGTCGAGGTCATATCGTGACCTGTATGGGACCGGCTTCCG	CTTCACTTTAACGTTCTGGGATCACACGCAGTCGGCTGTCTTGTCTGCCTATAGTGAGTC	0.5876	0.5211
rs2811587	NHLH2	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTATTGGAGGGAGTGGTTGACA	GAGTCGAGGTCATATCGTGGCTATTGGAGGGAGTGGTTGACG	TATTAATGATGTCCAGATGGACAGGCAATTACCCTGCTCCGGGATGTCTGCCTATAGTGAGTC	1	0.1645
rs2841292	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGCCATAAATGAACCAAGCACAT	GAGTCGAGGTCATATCGTGTTGCCATAAATGAACCAAGCACAC	ACGTCTATGCAATTTAATAGATTGAAGTCCGCGAGTAGATTCTCTCGGTCTGCCTATAGTGAGTC	0.6151	0.4919
rs2841296	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACATGCTGAGGGAATGGCTCAAGAT	GAGTCGAGGTCATATCGTATGCTGAGGGAATGGCTCAAGAC	CCAGATGTGACATCTAGTGAAGCGGGATCTAGGTCAACACGGGTGTCTGCCTATAGTGAGTC	0.8344	0.7162

rs2841300	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTTGTACAACCATGCCTCAGTTAGTTAT	GAGTCGAGGTCATATCGTGTGTTGTACAACCATGCCTCAGTTAGTTAC	TATGGCTTCTTTCTTGAATCTAACTCCGCTTTGAGTGGAACCACAGTCTGCCTATAGTGAGTC	0.3878	0.4316
rs2918626	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACCCATGCTGGCCACCT	GAGTCGAGGTCATATCGTGCACCCATGCTGGCCACCC	TTCCTTAGTAGTTTCCATCTGCTGGCAACTTTATGCGAAGGATCGGGTCTGCCTATAGTGAGTC	0.07509	0.7322
rs3025108	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGTTCGTTTCTGTCATCTTGGAAGTT	GAGTCGAGGTCATATCGTCAGTTCGTTTCTGTCATCTTGGAAGTG	GATTTACCTGGCATTACCTTTAAATCCAAAGGTGACCGCCTTACACGTCTGCCTATAGTGAGTC	1	0.5948
rs3025115	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGGAATTTGACTAGGAATTTTGGTTCA	GAGTCGAGGTCATATCGTCAGGAATTTGACTAGGAATTTTGGTTCG	TTTAAATAACCTCCTAGATTATTTCCAAGCGGGTAGCAATGGTTGTGTCTGCCTATAGTGAGTC	0.4189	0.01673
rs3213541	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTGCACATGAGGCGACTGAAT	GAGTCGAGGTCATATCGTGTTTGCACATGAGGCGACTGAAC	GGCCCTGGAAAGTGAGGACAGGAATAGTCGTCGTCGCATCGTCTGCCTATAGTGAGTC	1.65E-13	5.61E-19
rs322725	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCGATCCCTTGGGAGGAAA	GAGTCGAGGTCATATCGTGAGCGATCCCTTGGGAGGAAG	GTGAAAGGAGGTGAGACTTGGTCTAACAGCGCAGTGAGGATCGTCTGCCTATAGTGAGTC	0.8943	0.2693
rs322728	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGCAGTGATGCAGGGGAGAAGT	GAGTCGAGGTCATATCGTTGCAGTGATGCAGGGGAGAAGC	GGAGATAAGTCAGAGTGGCACCTTCAGCATCCGAATCAGGTCCGTCTGCCTATAGTGAGTC	0.7028	0.8268

rs322731	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCTCACTGGCTTTGCTGGT	GAGTCGAGGTCATATCGTGGGCTCACTGGCTTTGCTGGC	ATTCAGTGGTGACTCCACTGCATTGGTCCGCACTTCAATCGCGTCTGCCTATAGTGAGTC	0.3652	0.6207
rs322736	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTGTCCCTGTGCTGAAACCACT	GAGTCGAGGTCATATCGTGTCTGTCCCTGTGCTGAAACCACA	TGTCTGAGCTAGTACAACTTATAATAAACACTCAGGGACCGATGCTTTCGTCTGCCTATAGTGAGTC	0.6873	0.0369
rs322738	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATCTGCACTCAGGGCAACCCCA	GAGTCGAGGTCATATCGTGATCTGCACTCAGGGCAACCCCG	TTCCCCTGTATGGTTGTTTTTCTCCACGGACACATTGGCTGACGTCTGCCTATAGTGAGTC	0.3685	0.812
rs3731631	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTCGAGAGCACTTGTCCACTTTT	GAGTCGAGGTCATATCGTGTGTCGAGAGCACTTGTCCACTTTC	GCTTCAGGACAGAGATGTCACCGCGGCATAGTGCAATTCCGAGGTCTGCCTATAGTGAGTC	0.1983	0.5873
rs3734353	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTGGCTGAGTCTCCCTCCCTA	GAGTCGAGGTCATATCGTGTGTGGCTGAGTCTCCCTCCCTC	CCCTCTGCCTCAGGTCATTGTTCCTGTGGGCGATTAACTACCGTCTGCCTATAGTGAGTC	0.6338	0.8234
rs3734354	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGATCAGATCTCAGCCTCCAAAA	GAGTCGAGGTCATATCGTGTGGATCAGATCTCAGCCTCCAAAC	AGCCTTCTCCTATACCAGCAGGGTTGAATCGGTGTTCACGACGGTCTGCCTATAGTGAGTC	0.6172	1
rs3734357	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAGTAAACCACAAAATTATTTCAAAGTTA	GAGTCGAGGTCATATCGTGGCAGTAAACCACAAAATTATTTCAAAGTTT	ACTAGCAGTTATTTTAAAAGGAGGTATCGTTTGGAGGCGGTCAACCGTCTGCCTATAGTGAGTC	0.9565	0.7365

rs3739570	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAACGACGTCTGGAGCAGTAGTGTT	GAGTCGAGGTCATATCGTAAACGACGTCTGGAGCAGTAGTGTC	GCACACAAGGTATTAATCGACACCGTCGTCTTGTAGCATTCCATGGTCTGCCTATAGTGAGTC	0.4411	0.7576
rs3762986	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGCCCAGGGCAAATGTTTTATAAT	GAGTCGAGGTCATATCGTAAGCCCAGGGCAAATGTTTTATAAC	GTAGATGTGTCAGAGGAGGAACGCGGAACGGAGTGCCAATGTTAGTCTGCCTATAGTGAGTC	0.843	0.7633
rs3775311	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGAAGCTTAAAATGAATTTAACATGCA	GAGTCGAGGTCATATCGTGAGAAGCTTAAAATGAATTTAACATGCG	TATAGACTAATAACATGTCTCCCTCTCTGGACCGTGAGATGGCTAACAGTCTGCCTATAGTGAGTC	0.433	0.6295
rs3775315	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAATCTTTTAGTCTGACTAAATCCTGAGAT	GAGTCGAGGTCATATCGTGAATCTTTTAGTCTGACTAAATCCTGAGAC	TATTTAACTGATCCACAGAGAAGAGCTCAGGTTACGTCACACATTCGGTCTGCCTATAGTGAGTC	0.4909	0.07955
rs3778030	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCCAGCCGCGAAAAGACT	GAGTCGAGGTCATATCGTGAGCCAGCCGCGAAAAGACG	CAGAAACCCAAGGAGGGATATCACGGGCAACCTCGTCACGTCTGCCTATAGTGAGTC	0.8959	0.7115
rs3778032	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGTTACCTTGCTGCCAGTCATGA	GAGTCGAGGTCATATCGTGCAGTTACCTTGCTGCCAGTCATGC	CTCCCTTACCATACACATCACATCAGGAACCTCACAGGCGAATTTGGTCTGCCTATAGTGAGTC	1	0.3759
rs3778033	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGGTTGGTGTGAAGGTATTACACAA	GAGTCGAGGTCATATCGTTGGGTTGGTGTGAAGGTATTACACAG	CTCTGTTATGAGGCTGACTGACACGGTTGACGACTGCGACCCATGTCTGCCTATAGTGAGTC	0.8778	0.7353

rs3778037	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTGAGTTTCTCTGAGGCAAGCACA	GAGTCGAGGTCATATCGTTCTGAGTTTCTCTGAGGCAAGCACG	GGATGGTACTCTCAAGGAACACTCTACTCAAGCGAATTTGGATGGTGTCTGCCTATAGTGAGTC	1	0.3295
rs3780625	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTTGTCAGAATCTTTTTCATGAGATGA	GAGTCGAGGTCATATCGTGTTTTGTCAGAATCTTTTTCATGAGATGG	GTGTCAGTAGTTAGATGGAGAAGGAAGCAGTCGCATTCATTAGGACGAGTCTGCCTATAGTGAGTC	0.01074	0.4492
rs3790425	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAATTTGTGACAATGTGCAGCA	GAGTCGAGGTCATATCGTGGCAATTTGTGACAATGTGCAGCG	CTGGAGACAGGGCAGAAAAAGTCGCTGGGAAACTTATGCCATAGTCTGCCTATAGTGAGTC	0.5588	0.00674
rs3790426	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGACCTTGATGACTTGAAAGGAGT	GAGTCGAGGTCATATCGTGCGACCTTGATGACTTGAAAGGAGG	CGAGATGAATATGTCCAAAAATAGGGCTAACTGTGCTCGGAAGTTGTCTGCCTATAGTGAGTC	0.887	0.004828
rs3790429	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCAATTCAACAATATTATCAGTCATTTGT	GAGTCGAGGTCATATCGTCCAATTCAACAATATTATCAGTCATTTGA	ATTTTATACATTTAACAAAAATAAGGACAAGCGCACCTACTTCAGTCGGTCTGCCTATAGTGAGTC	0.3892	0.503
rs3790431	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTAACTTTCTAAGTCCTCAGTGAGTGT	GAGTCGAGGTCATATCGTTTTAACTTTCTAAGTCCTCAGTGAGTGC	TAATGAATAACTTTGTGCTTCCAAGTGCCGGTATGATCGCTAACCGTCTGCCTATAGTGAGTC	0.8888	0.06828
rs3790432	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAATATCTGGATGTGCAATTATATAAACT	GAGTCGAGGTCATATCGTGAAATATCTGGATGTGCAATTATATAAACA	ACATTAAAGTGCTATTTTAATATGTGTTTCCGAAGCCCAACGTAGTTCGTCTGCCTATAGTGAGTC	0.725	0.06306

rs3790433	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGCTTGTAGGTGCTGTCTGGGT	GAGTCGAGGTCATATCGTGCTGCTTGTAGGTGCTGTCTGGGC	TATCTGTGTGATTACAGTATTGTGGCGAATGCGTATTTTGTGTCGAGCAGTCTGCCTATAGTGAGTC	0.8473	0.9467
rs3792744	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCATAGGAAGCCCCAGGGATCA	GAGTCGAGGTCATATCGTGCCATAGGAAGCCCCAGGGATCC	AGAGATAAACTGGACTCTCCTGGTCACATACCGTGAGCCGCCTAGTCTGCCTATAGTGAGTC	0.04113	0.3556
rs3792747	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGTGAAAAGCCGGAGCTCCCT	GAGTCGAGGTCATATCGTGAGTGAAAAGCCGGAGCTCCCC	GAGAGTCGCGGGGATAGATAGGTCTCTCCGCAAAGCCCATTGTCTGCCTATAGTGAGTC	0.3447	0.8017
rs3795955	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGCTGCACTGCTCCCCT	GAGTCGAGGTCATATCGTGCGCTGCACTGCTCCCCC	TGAACCAAAAGACTTGGGTAGCTAGTCCGGGTACTGGGCAAGTCTGCCTATAGTGAGTC	1.86E-09	0.5452
rs3798490	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCACCCCTTCACCAACTTCCTA	GAGTCGAGGTCATATCGTGAGCACCCCTTCACCAACTTCCTG	TGTCTAAATAGCATTCTACTAAGTGCTCCGCGTGTAACCAGCTACATCGTCTGCCTATAGTGAGTC	1	1
rs3798497	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAAGGCCACAGAGTCCCCAA	GAGTCGAGGTCATATCGTGCAAGGCCACAGAGTCCCCAG	TTCCCCACAGGATCTCACTGCGCTTACTCAAGGAAACGTACTGTCTGCCTATAGTGAGTC	0.5723	0.5557
rs3798498	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAATTTTAAATATATGCCTCATTTGAAAGA	GAGTCGAGGTCATATCGTCAATTTTAAATATATGCCTCATTTGAAAGG	CAGCATATTTTGTGTTTATTCAGAACCGCTCTGCATAATAGGGCTCGTCTGCCTATAGTGAGTC	0.1686	0.9018

rs3798508	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGTCCTTTATGTCATGGCATCCAT	GAGTCGAGGTCATATCGTAGTCCTTTATGTCATGGCATCCAC	GCTGTAAATGATTCAGTATATCCCGTGCCGTAAGATACAGCCTTCCGTCTGCCTATAGTGAGTC	0.467	0.5295
rs3806318	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGTAAAGAAAAACCCCGCTAGTTTCA	GAGTCGAGGTCATATCGTGAGTAAAGAAAAACCCCGCTAGTTTCG	TAAAGCGTTGCTATTAAGCAAATGGTCCGGGCTTCACAATGACTGTCTGCCTATAGTGAGTC	0.1998	1
rs3822062	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAGGTTTACAAGCATTCAAACCTGT	GAGTCGAGGTCATATCGTCAAGGTTTACAAGCATTCAAACCTGG	CTACAATGGTCTTGTAAGAGGAGTACAACTTAGCATGGTCCGCTGAGGTCTGCCTATAGTGAGTC	0.921	0.7682
rs3824519	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACAGAGCAGCCTGGGTGCTCTT	GAGTCGAGGTCATATCGTACAGAGCAGCCTGGGTGCTCTC	GGACTGCAGAAGTACAACTGTGTGGCGTTCAACTCTCAAGAGGGGTCTGCCTATAGTGAGTC	0.8334	1
rs3828033	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTGCAGTATATTGTAGGATCACTTTTCT	GAGTCGAGGTCATATCGTTTGCAGTATATTGTAGGATCACTTTTCC	AGAAAAAATTAATATAACAGCTCCAGTATTGACAGACTATCGGCCCGGTCTGCCTATAGTGAGTC	0.3912	0.0003691
rs3828942	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTTGGCAGTCACCTGGGTA	GAGTCGAGGTCATATCGTGGCTTGGCAGTCACCTGGGTG	AGGATACAAGGGCCTGAGGTAGAATCGGTTTCAGCTCCGGGTCTGCCTATAGTGAGTC	0.4846	0.006864
rs3857014	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTAAAGGTCCAGGTGTGCAGTCAA	GAGTCGAGGTCATATCGTGGTAAAGGTCCAGGTGTGCAGTCAG	ATCTAACTCAGCACCTGCACTTTCCGCCAAGTTAGCAGAAATCCGTCTGCCTATAGTGAGTC	0.803	0.1089

rs3860945	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCCAAGAGCCTTGCTGAAATCAA	GAGTCGAGGTCATATCGTCCCAAGAGCCTTGCTGAAATCAG	ATACTTCATGTCCAAGGCAATCTCCTCAAGGCACTAGCTCGATGTCTGCCTATAGTGAGTC	0.4785	0.06645
rs4072568	ARNT2	15	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACTCCCACCAGCAGCCCA	GAGTCGAGGTCATATCGTCACTCCCACCAGCAGCCCG	TCAGACTGAAGTGTTCCAGGTATCTGACTGGATCGACTTCATCGGGTCTGCCTATAGTGAGTC	0.4031	1
rs4075274	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGGGAACAAGAACATGTAAGTATCA	GAGTCGAGGTCATATCGTTGGGGAACAAGAACATGTAAGTATCG	ACCTTTTCAACTGATTTAAGAAGAGTCCCTGGAACCAACGACCTGTGTCTGCCTATAGTGAGTC	0.003022	0.5526
rs4144550	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCACAGCAGCCACAAGCCTT	GAGTCGAGGTCATATCGTGGCACAGCAGCCACAAGCCTC	CAAAGCTATGCACAGTTCATACTGGACCAGAGCACGGGTAGTTTGTCTGCCTATAGTGAGTC	0.8214	0.01342
rs4145403	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGACTATAATCTCTTTGAAAGTAATGACA	GAGTCGAGGTCATATCGTGTGGACTATAATCTCTTTGAAAGTAATGACG	GTCTTTTTCATATCCACCTCCCGCTGAACGTCAAATTGCAGGGGTCTGCCTATAGTGAGTC	0.9026	0.4526
rs4236625	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACCTGGACGCTGAAGCATTTTCA	GAGTCGAGGTCATATCGTACCTGGACGCTGAAGCATTTTCT	TCTTTATTAAGACAACTCCGTAAGACAACGGTGTTTCCTACGGCGAGGTCTGCCTATAGTGAGTC	0.4418	0.8305
rs4310286	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACATTAGACAGTGGAAAAACTTTGATGT	GAGTCGAGGTCATATCGTCACATTAGACAGTGGAAAAACTTTGATGC	TTTTTGGGGTTTAGCTTTATAATTCTCAATGACACGACGGCAACTGGTCTGCCTATAGTGAGTC	0.002736	0.3296

rs4358872	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTTCAGACAGCAACCACTGTTCAAA	GAGTCGAGGTCATATCGTGCTTCAGACAGCAACCACTGTTCAAC	TCTGAGAGGTTGTTCTACAAAGAGAAGCCGTTGATCCACAGGTTGGTCTGCCTATAGTGAGTC	0.001402	0.9047
rs4361832	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCGCGTAAGCTCGTGATGCCA	GAGTCGAGGTCATATCGTCGCGTAAGCTCGTGATGCCG	ATGTGAGCCTCAAAATAGGAGTAGGTGCTAACTCAAACTGCGGGAGTCTGCCTATAGTGAGTC	0.5645	0.4541
rs4481204	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAACTCCATTTATCAAACTTCGCCAA	GAGTCGAGGTCATATCGTGAACTCCATTTATCAAACTTCGCCAG	ATTGCTCATACTCATTCCCTTCCGCCACATTCGGTGGAACATACGTCTGCCTATAGTGAGTC	0.3375	0.8154
rs4486281	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGAGCCATGGCCATGCATAT	GAGTCGAGGTCATATCGTCAGAGCCATGGCCATGCATAC	AAGGTGGCATATGGTCTGGGCATACGGAACCAGGGATTGTAACGTCTGCCTATAGTGAGTC	0.1384	0.03095
rs4504715	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTTTATTTAGATAAATCAGGCAGATAGGA	GAGTCGAGGTCATATCGTTTTTTATTTAGATAAATCAGGCAGATAGGG	ATAGCTAGTCAGATATTAACCAAGCCTACTGGGCTGTGCGGAACGACGTCTGCCTATAGTGAGTC	0.4295	0.5714
rs453530	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCATTCCAAGAGCATCCTAAATCCA	GAGTCGAGGTCATATCGTGCCATTCCAAGAGCATCCTAAATCCG	CTCTTAGGGGAAGACAGAATGACAAGTTCGCCAGGTCAGTGGAGTCTGCCTATAGTGAGTC	1	1
rs4567312	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTTTACTGTTCCCATCCACCTTCAT	GAGTCGAGGTCATATCGTGCTTTACTGTTCCCATCCACCTTCAC	GAGCCTTCCTTGTACATGAAGCGATGCCAGTGGGTTATCCGAAGTCTGCCTATAGTGAGTC	0.6235	0.4754

rs4577902	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGGATGGGGAAAGGGAGGAGA	GAGTCGAGGTCATATCGTGTTGGATGGGGAAAGGGAGGAGG	GGGTGTATGGCGAAGACTTTTACGCAAAGAGGCGGTCTGATGGTCTGCCTATAGTGAGTC	0.5848	1
rs4578034	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGAGGACCTAGATCTGCTCATATGGA	GAGTCGAGGTCATATCGTCAGAGGACCTAGATCTGCTCATATGGG	TTTTGGGGGCTAAAATAAATGTAACCCATCAAACCGTAAGTCTAGGCGTCTGCCTATAGTGAGTC	0.005134	0.8562
rs4655537	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCAATCCTGGATCTATGTAATGGATGTA	GAGTCGAGGTCATATCGTGTCAATCCTGGATCTATGTAATGGATGTG	ATTGATTGGATATCACTTTTTCAGGATCATGCGGGTGATAAATCCGGTCTGCCTATAGTGAGTC	0.3736	0.02896
rs4655802	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAAGCTGATGCAGGTGGGATTA	GAGTCGAGGTCATATCGTGGAAGCTGATGCAGGTGGGATTG	CTCCAGAGAAAGGACTGTTTTCTTCCGACCAAGGCCAACTCGATGTCTGCCTATAGTGAGTC	0.8791	0.7081
rs4665287	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCCATACATTTAGCAGCTTCAGAATA	GAGTCGAGGTCATATCGTCCCATACATTTAGCAGCTTCAGAATG	TCATTGTATTATGCTCAAGGAGTGGGAGCATGGACTCTATACGGCGTCTGCCTATAGTGAGTC	0.5353	0.7377
rs4665765	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGCCCGAGTAGAATGGTGAAT	GAGTCGAGGTCATATCGTGTGGCCCGAGTAGAATGGTGAAC	CCACTCATATGAAATGAACAGTTGTTGAATCAGCTCACGTTCGGGGTCTGCCTATAGTGAGTC	0.4554	0.5553
rs4665773	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGTATCTTGCTTGGTGGATCGAA	GAGTCGAGGTCATATCGTGCTGTATCTTGCTTGGTGGATCGAC	CTTGCTGAACTGTGAACTTAGTTTCTAGCAACGGGTAATTGTCGGCGTCTGCCTATAGTGAGTC	0.7219	0.8942

rs4665775	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGGCTTCCATTCTGGCAAA	GAGTCGAGGTCATATCGTGGGGGCTTCCATTCTGGCAAG	GGAGACAGGAAACAAGCGCGCAGTCAACGACGTATTCCGAGTCTGCCTATAGTGAGTC	0.6661	0.6613
rs4665778	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATCTGTCCGTGGCAACGTGGT	GAGTCGAGGTCATATCGTGATCTGTCCGTGGCAACGTGGA	CTCTCCTGCAGGGCTTAGTTCCTAGAGGATTAGTCGAGCGCGTCTGCCTATAGTGAGTC	0.3806	0.7353
rs4690821	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCATCTGGGGAGGAGCTGTATTCA	GAGTCGAGGTCATATCGTTCATCTGGGGAGGAGCTGTATTCG	GAGCACTACCTAGAAAACAAATCCCAATTCACCATGTATGCGCGATAGTCTGCCTATAGTGAGTC	0.3774	0.06339
rs4691195	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTTGGGGGCTCTCTCAAGCT	GAGTCGAGGTCATATCGTGTTTTGGGGGCTCTCTCAAGCC	GCTTCATAGACTCGCTAACCTTAACAGGCGTGTCAGGACTACTGTGTCTGCCTATAGTGAGTC	0.5278	0.6502
rs4728090	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTTTAATTAGGAAAGTGACTGGCAGA	GAGTCGAGGTCATATCGTGGCTTTAATTAGGAAAGTGACTGGCAGG	GAAATCTAAGTCTTGTCCCCTTGGAATCCCGAGAAGGTCCTGCTGTCTGCCTATAGTGAGTC	0.9554	0.8394
rs4731405	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGGAAATTGCACATTAAATACACATCAA	GAGTCGAGGTCATATCGTGCAGGAAATTGCACATTAAATACACATCAG	ATAGTATTGTTGGATATTAAACATTTACTATGAGGTACGCCATCGCATCGTCTGCCTATAGTGAGTC	0.7349	0.6752
rs4731412	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGCTAAGAGAATTCATTGTCAGCAGA	GAGTCGAGGTCATATCGTAAGCTAAGAGAATTCATTGTCAGCAGG	AAGCATACAAAAAATGATAAAGGAGTGGTCCTGCGGCGAAGCATAGTCTGCCTATAGTGAGTC	0.7848	1

rs4731413	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAACTGGATTCCCTACAATGTATCATT	GAGTCGAGGTCATATCGTGAAACTGGATTCCCTACAATGTATCATC	ATAATACTGGGCATATAATAAAACAATGTTGAAGCCAAGCCGCTGTGGTCTGCCTATAGTGAGTC	0.03759	0.5196
rs4731416	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACATCGGCCTCATTCTCTCCACT	GAGTCGAGGTCATATCGTACATCGGCCTCATTCTCTCCACC	CCCACTTCTTGGACCATCTTGGTCCAGTAGCAGCTCCGCAGTCTGCCTATAGTGAGTC	0.05186	0.5767
rs4731419	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTGGCATTTAGCAGTCGGTTGTT	GAGTCGAGGTCATATCGTTCTGGCATTTAGCAGTCGGTTGTC	GAAATCAGCCATGGAGTTTTCACGGTATTGTGGGCACAGGATGTCTGCCTATAGTGAGTC	0.6555	0.2646
rs4731424	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGGCCTTCCCAGGGGCTT	GAGTCGAGGTCATATCGTGAGGGCCTTCCCAGGGGCTG	CATTCTCGGCTCTGAAGCAGTAGCCCAGGTAGCGGAGCTTGTCTGCCTATAGTGAGTC	0.1342	1
rs4731429	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTATTCTTAGACGGTGGCAAAAGTGA	GAGTCGAGGTCATATCGTGTTATTCTTAGACGGTGGCAAAAGTGG	CATCAAAAACTCCAGTCCTATACTATACCGGCCTAAGCACTCGCAGTCTGCCTATAGTGAGTC	0.5184	0.01147
rs4731430	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCTTTGGCAACCTGAATACTGAACA	GAGTCGAGGTCATATCGTTTCTTTGGCAACCTGAATACTGAACG	TTTCAGAGTAGTTTTTCTCCCACGATTATCCATAAGGTCGCCGAATGTCTGCCTATAGTGAGTC	1.04E-289	5.12E-262
rs4839780	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACATTATTGGTGCCGATGTCGCTCA	GAGTCGAGGTCATATCGTATTATTGGTGCCGATGTCGCTCG	TGTTTGATCAGAAGCAGCATATCTTCCGTACTGTTACAATGTGCGCGTCTGCCTATAGTGAGTC	0.8446	0.7687

rs4869133	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGGTTTTAAGTGCATTTTCTTATCAAGATA	GAGTCGAGGTCATATCGTGCGGTTTTAAGTGCATTTTCTTATCAAGATG	ATAGAGTTATATGGCATTCTTATGATGGGACATGCCGCTCCTGTAATGTCTGCCTATAGTGAGTC	0.8787	1
rs4869134	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTACCATCTACCAACTTTACCACAAAT	GAGTCGAGGTCATATCGTTTACCATCTACCAACTTTACCACAAAC	GAGAAAAGTATCTAGTATACACAAAGATCCTGAGAAGGTGCGCCATACTGTCTGCCTATAGTGAGTC	0.7751	0.1324
rs4869285	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTTCTTTATGCCAAAATTTCTGAAAT	GAGTCGAGGTCATATCGTGTTTTCTTTATGCCAAAATTTCTGAAAA	TTTTTCTCAACTAGAATTATTTTCTCGACCTCGTACCCTCAATCGGGGGTCTGCCTATAGTGAGTC	0.7654	0.7526
rs4877289	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCACGTCCTGTGCTATGAAGGAAT	GAGTCGAGGTCATATCGTCCACGTCCTGTGCTATGAAGGAAC	GTTCAACAGATAAAGATCCTGCTGTCAACTACACACTACGCGGCTGTCTGCCTATAGTGAGTC	0.6234	0.6237
rs4877293	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTGGATGCTTTCTCTGAGCAGAA	GAGTCGAGGTCATATCGTGTCTGGATGCTTTCTCTGAGCAGAC	ATACTGCTGTAAAAAGTGGGTAGTTCAAAGGTAGACCCGACACGTTTGTCTGCCTATAGTGAGTC	0.6874	0.6078
rs4877900	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGATGACAATAGCTGGTTTCCAATCA	GAGTCGAGGTCATATCGTGGGATGACAATAGCTGGTTTCCAATCG	TCACTTACCTGTTTCCTACTGGATGTTGACCGAACCGCATACGGGTCTGCCTATAGTGAGTC	0.003078	0.596
rs5576	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCCTTTTCCTATTTTCAGCCCA	GAGTCGAGGTCATATCGTGGGCCTTTTCCTATTTTCAGCCCG	ATTTCATCGTGTAAAACGAGAATGCTGTAGGGATCAACACGAGTCGTCTGCCTATAGTGAGTC	1	1

rs6232	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGAAATTGCCATGCAAGCAA	GAGTCGAGGTCATATCGTGGAGAAATTGCCATGCAAGCAG	TAATCACAAATGCGGGGTTCGCCTGCTTGCACGCAAAGTTAGTCTGCCTATAGTGAGTC	0.3158	1
rs6233	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTGTGAACAGACATGAAGTCCCAA	GAGTCGAGGTCATATCGTTGTGTGAACAGACATGAAGTCCCAG	TCTTAAAGCCATTAGGAGATGTAACTGCAATACAGGACCGTTCGCGTCTGCCTATAGTGAGTC	0.07415	0.3345
rs6413506	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTTTGCTAGAGAAGCACTTGGTGACT	GAGTCGAGGTCATATCGTGTTTTGCTAGAGAAGCACTTGGTGACC	AACTATTTATAAGCCCTTGTTCTTCCGTAACCCGGATGGCTCTCAACGTCTGCCTATAGTGAGTC	1	0.2271
rs6467165	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGGGCTCCGGGCACCCAA	GAGTCGAGGTCATATCGTAAGGGCTCCGGGCACCCAG	GAGAAATGTCCACACTTCCCTTGCGTTGCGACTACCGATACGTGTCTGCCTATAGTGAGTC	0.008684	0.04242
rs6536912	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACGAGTATGTTTTTTTAACAGGAAACT	GAGTCGAGGTCATATCGTCACGAGTATGTTTTTTTAACAGGAAACC	CACCCATTTTTAGTTATTTATATTATTATCTGCCTGGGGACCGTTACGAGTCTGCCTATAGTGAGTC	0.6366	0.1847
rs6536915	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGCCCACTAAAATGTGTAAGGCATA	GAGTCGAGGTCATATCGTCAGCCCACTAAAATGTGTAAGGCATG	ATTTTTATTATCCTTATGGTATAAATCAATCCTTAGCACGCAGGGATCGGTCTGCCTATAGTGAGTC	0.1445	0.57
rs6545976	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAATTGTCTACTTCTTCATGTGTCAGTTTT	GAGTCGAGGTCATATCGTGCAATTGTCTACTTCTTCATGTGTCAGTTTG	GTCAGATATGTATTTCTAGGAATTTGACGCCTCAGGATCGTCAGTTGCGTCTGCCTATAGTGAGTC	0.5315	0.719

rs6559823	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAACTGGCTGAGAACTGGACCT	GAGTCGAGGTCATATCGTGGAACTGGCTGAGAACTGGACCC	TGTCCTTGGAAATGTCTGATTATGCGGTTGCCCTGGCGTAATAGTCTGCCTATAGTGAGTC	0.6113	0.4984
rs6559836	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGACCTCCCCAGTGCAAATAACT	GAGTCGAGGTCATATCGTGCAGACCTCCCCAGTGCAAATAACC	TGGAGTCATGGTATGTGAATCGGCCTCTAAGTCGTAGCCCAACGTCTGCCTATAGTGAGTC	0.1964	0.5307
rs6559840	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAACAAGATGGTAAAAACATCTGTGGA	GAGTCGAGGTCATATCGTAAACAAGATGGTAAAAACATCTGTGGG	TGAGTCTATCTTTCTATTAATCAATCAGACCTGTACTCTCGCGCAATTCGTCTGCCTATAGTGAGTC	0.04463	0.7623
rs6567166	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTATAGGTTGTAGGCACTGTGGATTTA	GAGTCGAGGTCATATCGTTTATAGGTTGTAGGCACTGTGGATTTG	AAAAAGAAAAGTCCTTATTAAAAGCTGTTAGCATCAGGTTCGTCTAAGGGTCTGCCTATAGTGAGTC	1	0.6852
rs6588153	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAATAAGAACATTCACACCCACTGTATTT	GAGTCGAGGTCATATCGTCAAATAAGAACATTCACACCCACTGTATTA	AAAAATTCTTCACATTTCTTTAATTGTCGGTACTCTGAACAGGGGTTGTCTGCCTATAGTGAGTC	0.005252	0.0003096
rs6689460	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTGGCTGAGATCCTGGCCAATAT	GAGTCGAGGTCATATCGTCTGGCTGAGATCCTGGCCAATAC	TCAAGATCCAACAAAATATTCCTCCGGAGCGTAGATTGTGTGACAGTCTGCCTATAGTGAGTC	1	0.1345
rs6690625	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAAGTGGCCAGTGGCTATCTT	GAGTCGAGGTCATATCGTGGCAAGTGGCCAGTGGCTATCTG	TTGGACAACAAAGCTCTATGGCTGACTGTACCGCTAATCGCCGGTCTGCCTATAGTGAGTC	0.9356	0.01622

rs6697315	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTGCTTGTTGAGTGAACAGGGAATT	GAGTCGAGGTCATATCGTTTGCTTGTTGAGTGAACAGGGAATC	TAGAACTCAAATATACCCTGGTTGAGTCTTATCACTTCACGGGATCAAGTCTGCCTATAGTGAGTC	0.9135	1
rs6704167	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAATTGATTTTATGCCTTATGCTTTTTT	GAGTCGAGGTCATATCGTTGAATTGATTTTATGCCTTATGCTTTTTA	AAAAAAACGGATGTTTGGTAATAATAGCAGGTTACGGTCGGACGAGTCTGCCTATAGTGAGTC	0.8813	0.4392
rs6713532	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGGGGATGGGACAAAAGAGGCA	GAGTCGAGGTCATATCGTAGGGGATGGGACAAAAGAGGCG	TGGCAAGATCTTAGATGCCGGTACAGCCTGCTCCGTTTGAAGTCTGCCTATAGTGAGTC	0.1899	0.07058
rs6810964	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGATCAAGAAGCCACTACTGTTTTGTA	GAGTCGAGGTCATATCGTGGGATCAAGAAGCCACTACTGTTTTGTG	CTATTTATTTGTGAAAGAGAAGGAACACCGACTTAATTCCGAAGGCCGTCTGCCTATAGTGAGTC	0.1839	0.907
rs6811043	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCCCAGCCTCCCGACCCT	GAGTCGAGGTCATATCGTGGCCCAGCCTCCCGACCCC	ACTTTAAACACATCTGGCTTAATTGGTAACATCACGTTGGGCGGAGTCTGCCTATAGTGAGTC	0.166	0.2828
rs6815803	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTACTTAAGAACAGCAAAACCAGGATA	GAGTCGAGGTCATATCGTTTTACTTAAGAACAGCAAAACCAGGATG	GCGTATTTACAAGGTGAGACATACGGCGGAAGGTAGATCGTCCTCGTCTGCCTATAGTGAGTC	1	0.6543
rs6835167	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGATATGTAAGTGGAGAACACCCCAA	GAGTCGAGGTCATATCGTGTGATATGTAAGTGGAGAACACCCCAG	CAGTCCCATCTTACTTCCTCTATACTCAAGTCTGCCCGAGTAACCGTCTGCCTATAGTGAGTC	0.03037	1

rs6835701	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCATATTTTACTGTCTTCATACTTCAACA	GAGTCGAGGTCATATCGTGACCATATTTTACTGTCTTCATACTTCAACG	AAATCAAATCAGCTTTCAGATATCAATACTAGCTCCCGGATGTTCACCGTCTGCCTATAGTGAGTC	0.6943	0.9026
rs6841638	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTCCCCGTTAGGGCCCAA	GAGTCGAGGTCATATCGTCTCCCCGTTAGGGCCCAC	CAGAAGATGATGCAGCCATTAGCGCGTACCCTACGGTGGAAGTCTGCCTATAGTGAGTC	0.9256	0.7608
rs6843002	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCCTCCATCACCTTTTATGAGCA	GAGTCGAGGTCATATCGTGCCCCTCCATCACCTTTTATGAGCG	CAAGGAGGTTAGAGATCTTCAGTTCTCGGACAGGAGCACGAGTCGTCTGCCTATAGTGAGTC	1	1
rs6850000	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAAATTGGCTGCTACTCGCAACT	GAGTCGAGGTCATATCGTGTGAAATTGGCTGCTACTCGCAACC	TCTTTCAATAGATTTTTGCAGACTACTTCGGGCGAACATGACAGCGTCTGCCTATAGTGAGTC	0.1789	0.141
rs6850689	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGTGTTGCTCCTGATGTGATTAGAAGA	GAGTCGAGGTCATATCGTGTGTGTTGCTCCTGATGTGATTAGAAGG	CTATGATCGTACGAGGTTTATTAGTGGTGTGCAATCACGAGTATCTTGGTCTGCCTATAGTGAGTC	0.8423	0.2346
rs6862567	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTTTCCTATGAAGATGCATAACTAGACA	GAGTCGAGGTCATATCGTCCTTTCCTATGAAGATGCATAACTAGACG	AGGATCATTATTCTTACAATCCAAATGCCATTCTGCTTAGCGCCAAATGTCTGCCTATAGTGAGTC	0.6781	1
rs6867747	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGAGTGCCCCTGGTCTCCATTT	GAGTCGAGGTCATATCGTGAGAGTGCCCCTGGTCTCCATTC	TACTGTGATGTTTCTAAATTGCAGTCGCTCTAATTGTCTGAGACTCGGTCTGCCTATAGTGAGTC	1	0.08003

rs6868555	OTP	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCACCGAGAAGGCTCTTAATCCT	GAGTCGAGGTCATATCGTGCCACCGAGAAGGCTCTTAATCCG	TGAGAAATCTTTATCAATGAAGTCCTAGGCAAGGGCGTCTTACCGTGTCTGCCTATAGTGAGTC	0.9218	0.3686
rs6873049	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTGCAGTGCCAGTCAGCTGAT	GAGTCGAGGTCATATCGTCTGCAGTGCCAGTCAGCTGAC	GAAAAGAGGTGCCAACTGTGGCTGAATTGGGCGAAGTCATCCGTCTGCCTATAGTGAGTC	1	0.701
rs6873216	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAGGCTAACAATCCCCATGCTT	GAGTCGAGGTCATATCGTCAAGGCTAACAATCCCCATGCTC	TGATTATTTCTGAGAGCTTACAGCTTCACATGCTGCGGGTAAACAGCGTCTGCCTATAGTGAGTC	1	0.8631
rs6879048	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGACTAAATTATGTAAAGCACTGAGAACT	GAGTCGAGGTCATATCGTTGGACTAAATTATGTAAAGCACTGAGAACA	TGCTTAGCCCATAGTAAGTACTCCACTAATGACAGGCGGATGCGTGTCTGCCTATAGTGAGTC	0.9243	0.505
rs6892107	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTGGATTAACATTTCATTTTCTTGGGT	GAGTCGAGGTCATATCGTCTGGATTAACATTTCATTTTCTTGGGC	TGCTAAATTAGTTGCTTTTTTGAGGTTGTGAAGGCCGGATTTCCGTCTGCCTATAGTGAGTC	1	0.6437
rs6901854	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGACAGGGTCTCACTCTCCTCTTA	GAGTCGAGGTCATATCGTGGGGACAGGGTCTCACTCTCCTCTTG	GATTATCACAGCATTCTCAGACGCTCAGGTAAACCCGATAAGTCGGTCTGCCTATAGTGAGTC	0.3237	0.7264
rs6903206	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTTGATTCTGTTGACTTTGATCAAA	GAGTCGAGGTCATATCGTGGGTTGATTCTGTTGACTTTGATCAAG	TGAGACCATGAACTGAAATAGGACAACATCGGTTTCGTTGATAGGGGTCTGCCTATAGTGAGTC	0.695	0.1931

rs6904508	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTGGGGTGTGCCTGGAGGAT	GAGTCGAGGTCATATCGTGGTGGGGTGTGCCTGGAGGAA	CATGGAGTAGCAAGAAGGTCAGGGCTGGTTAGTCGCACACGTAGTCTGCCTATAGTGAGTC	1	0.2852
rs6910391	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAATAAAAATATTGTTGGACCAAAGCA	GAGTCGAGGTCATATCGTAAATAAAAATATTGTTGGACCAAAGCG	AGATATGCATTTTGAATTTAAAAAGCAACGATCCTACAGTATCCGCGTCTGCCTATAGTGAGTC	0.4046	0.7263
rs6926847	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTTTCCACTGTTTGCGGATTACCA	GAGTCGAGGTCATATCGTCTTTCCACTGTTTGCGGATTACCG	AGGGAATAAAGCATATTTGACAGACCGCGCAACACTGGTGCTAATGTCTGCCTATAGTGAGTC	1	0.3205
rs6938518	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTATCTGGTCTCAAAGCCTGCAT	GAGTCGAGGTCATATCGTTCTATCTGGTCTCAAAGCCTGCAC	TGAAACCATGATTTTACATTTCACTAGAACGTCAGACCGGCTTGCGTCTGCCTATAGTGAGTC	1	1
rs6956123	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTGGTCTTCTACAGGTCAGGGCA	GAGTCGAGGTCATATCGTGGGTGGTCTTCTACAGGTCAGGGCG	TAGGGTGGCAGGAGACACATCGGGATGGTCACAACATTTCGTGTCTGCCTATAGTGAGTC	0.4407	0.6192
rs6956519	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCAGCCCTTTCTCGCCACATT	GAGTCGAGGTCATATCGTGACCAGCCCTTTCTCGCCACATG	AAGCATCATTCACTGTATTCTGTACAGACATATCTTGGTTCGCTCGTGTCTGCCTATAGTGAGTC	1	1
rs6957151	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCTCTCTCGATTTCTCTACTGGCTTT	GAGTCGAGGTCATATCGTGTTCTCTCTCGATTTCTCTACTGGCTTC	ATGCCTCTATTTTTGTTTTTGCACTGGTTGCCAATTCGTATCGCGTCTGCCTATAGTGAGTC	0.0937	0.1912

rs6976221	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGACACAAAAACATAAGCAATAGAGGAT	GAGTCGAGGTCATATCGTAGACACAAAAACATAAGCAATAGAGGAG	GAACTGGTAGATCAGACTACATTAACGAACCGGCGTAGCATCATTCAGTCTGCCTATAGTGAGTC	0.2444	0.9436
rs6976701	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCAACCCCCACTTTGTACGTAGA	GAGTCGAGGTCATATCGTGCCCAACCCCCACTTTGTACGTAGG	AATACGGAGTTGAGGATGGAGTCGTTACATCCATCGCAGCGACGTCTGCCTATAGTGAGTC	1	0.5296
rs7019128	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAACTCCCTTCCCTTCCCAGTCTTT	GAGTCGAGGTCATATCGTGAACTCCCTTCCCTTCCCAGTCTTC	CCTTTGAAAAGGTCAATGAGTATGTGGCAAATCAGATACGGTACTTGTCTGCCTATAGTGAGTC	0.5238	0.9139
rs7019212	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGGCCAGGGCAGAACTCTAAAGT	GAGTCGAGGTCATATCGTAGGCCAGGGCAGAACTCTAAAGG	TTAAAGAGATGTCAGCAACAGATAACATTCCTACCGTTGCCCGTAGGTCTGCCTATAGTGAGTC	0.05584	0.102
rs7020467	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGTTCGTGTTGAACCAAGAAAATAGA	GAGTCGAGGTCATATCGTGTTGTTCGTGTTGAACCAAGAAAATAGG	TGGTAGTAATTCTACTTTGTTAACACTAGGGTTCGGGTTCAGACACCGGTCTGCCTATAGTGAGTC	1	0.7413
rs7036165	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTTTGCTAAACTCTAAAGGAAAACCAT	GAGTCGAGGTCATATCGTGCTTTGCTAAACTCTAAAGGAAAACCAC	GGACAATAAACACTAAGGACACACTATGGACTTATTCGGTAGCTGCAGTCTGCCTATAGTGAGTC	0.8117	1
rs7039171	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCATGAACCAGAAAGTGTACATGGA	GAGTCGAGGTCATATCGTGTTCATGAACCAGAAAGTGTACATGGG	ACTGAGTGGAGATTAGAAGTGATGTCGAGTCTACATGATCGGCACTCGTCTGCCTATAGTGAGTC	1	0.5641

rs7039299	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGATTTGTTGTGAGGAAGAAACCTGA	GAGTCGAGGTCATATCGTTGATTTGTTGTGAGGAAGAAACCTGG	GCCTTTGTTAGCATTTTCTGATGCATCGGAATCTCCCAGTCAGAGTCTGCCTATAGTGAGTC	0.6874	0.3715
rs7045882	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAATACCCTTCCAGATTGCTATGACAA	GAGTCGAGGTCATATCGTGAATACCCTTCCAGATTGCTATGACAG	TGGTAAGTCCTGTAAATCTCAGCGATCTAGGAAGCGGTGCTCTCAGTCTGCCTATAGTGAGTC	0.6483	0.6586
rs7048015	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGAGAAGAAAACTCCCCCAGATGAA	GAGTCGAGGTCATATCGTAGAGAAGAAAACTCCCCCAGATGAC	TTCGTGATTCTTATCACAGGAAACCAGATCATTGCCGTTCGGTGGTCTGCCTATAGTGAGTC	0.4611	0.8603
rs7048278	NTRK2	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAAATAAGTCAAAGGCCATATAACACT	GAGTCGAGGTCATATCGTGCAAATAAGTCAAAGGCCATATAACACC	TTATCACTTTTGTTAAGCCTTTTTATTCCCACTCGTTGGCATGAGCGTCTGCCTATAGTGAGTC	0.3038	0.9059
rs7124442	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTAAGGAATGCTTGGAATATCTGCTA	GAGTCGAGGTCATATCGTTGTAAGGAATGCTTGGAATATCTGCTG	ATGTCAACTTTATGCAGCTTCTCCCATTGTGGCGTCGATGAAGGTCTGCCTATAGTGAGTC	0.2682	0.6399
rs7126752	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGCTGATCACCTGCTCTCACTCTAT	GAGTCGAGGTCATATCGTTGCTGATCACCTGCTCTCACTCTAC	ATGCAGAGAAGCTTTCACTTTTGTGCTGTGAGACGATACGGATTCGTCTGCCTATAGTGAGTC	1	1
rs7130131	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAAATCCCCATCCACATTATTTCTA	GAGTCGAGGTCATATCGTTGAAATCCCCATCCACATTATTTCTG	CTCTCTAGTGGCACTTAGTGTTTTTAGGTGTTCGGGTTGCCCAGAAGTCTGCCTATAGTGAGTC	1	0.1375

rs714378	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGCAAAAGGTTTTTATAATGAAATGTA	GAGTCGAGGTCATATCGTCAGCAAAAGGTTTTTATAATGAAATGTG	TGTAATCACTACCAAAGTGAAACTAACCGCCGCGATGTTAAGTCCTGTCTGCCTATAGTGAGTC	0.9385	0.08525
rs716893	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCCTGTTTTGGAGGCTTATTATCTCTA	GAGTCGAGGTCATATCGTGTCCTGTTTTGGAGGCTTATTATCTCTG	TTTTACTCTTCAATAATTGTGTTCAAACCGACGCATTCCAGTGGTAGGTCTGCCTATAGTGAGTC	0.5863	0.05715
rs7227255	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAACTTTGGAGCATAGATCACCAT	GAGTCGAGGTCATATCGTGGAACTTTGGAGCATAGATCACCAC	ATATTGGCCTTCTGTATGCTAACGAAACTTCGTCCAAGCTGTGAGATGTCTGCCTATAGTGAGTC	0.4067	0.09984
rs7235242	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGAGCTCAAGCAAGAGAAGAAACATCA	GAGTCGAGGTCATATCGTGCGAGCTCAAGCAAGAGAAGAAACATCC	ACATCCTTAACTTCCCTTTTGATGGTGCATACAGAACCGCGTCTCGTCTGCCTATAGTGAGTC	1	0.6175
rs7236127	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGGGGCCTGGACAACAAAATA	GAGTCGAGGTCATATCGTGCTGGGGCCTGGACAACAAAATG	CTCCATTTTCTCATTTATAAAATGTGCAGGACCGAACCTAGTATTCGTCTGCCTATAGTGAGTC	1	0.8423
rs7241490	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAATATGAAACATGAGAGGAAGAGCA	GAGTCGAGGTCATATCGTGAAATATGAAACATGAGAGGAAGAGCC	ATTTTCAGTAAAATGTTGAAGCCACCGTCAACCTGCTTATGGTGATCGTCTGCCTATAGTGAGTC	1	0.8375
rs7243356	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCGTTGAGGTGAGGTATTTTAGGAAGTA	GAGTCGAGGTCATATCGTTCGTTGAGGTGAGGTATTTTAGGAAGTT	CATATTGATGGGTTTTAACTACTGGTTGTCCATACAAGCCGGAGACGTCTGCCTATAGTGAGTC	1	0.2684

rs727155	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGATGCATCCTTGAAGAGGCCTT	GAGTCGAGGTCATATCGTGAGATGCATCCTTGAAGAGGCCTC	ACAGAACCTAGGCCAATTCAATGGATGTCAGCGGATCACGCGTCTGCCTATAGTGAGTC	0.666	0.1669
rs729699	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAAACCAAGACTTTTTTTCCCAGTT	GAGTCGAGGTCATATCGTCAAAACCAAGACTTTTTTTCCCAGTG	GCTATAAGCGAGCTCAATAAATTTGAGTCGAAGATAGCCAATCACGGTCTGCCTATAGTGAGTC	0.07908	2.61E-11
rs7364510	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGGATGTTAAGGCTGTTTGCAT	GAGTCGAGGTCATATCGTTGGGATGTTAAGGCTGTTTGCAC	TAGTGTGAAAATTGATATGTTTAGGGCCTACCGATTGTAAGACCATGCGTCTGCCTATAGTGAGTC	0.9206	0.004112
rs7413823	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCAGTTCAACAAATGATTTGGCTT	GAGTCGAGGTCATATCGTTTCAGTTCAACAAATGATTTGGCTC	TTTTTAACTCACCTGGTCTCCTTTCCCGATACCGATTGCATCCGGTCTGCCTATAGTGAGTC	0.7066	0.3215
rs7441041	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACTATGTGCCAGACCCTGGGAT	GAGTCGAGGTCATATCGTGACTATGTGCCAGACCCTGGGAC	GCAGTGAAAAACAGGGTAAGACATGCCTATTGACGTGAGGCGGTCTGCCTATAGTGAGTC	0.212	0.8884
rs7529650	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCCCAGCTAAATGTTTGTATTTTTGTAT	GAGTCGAGGTCATATCGTGGCCCAGCTAAATGTTTGTATTTTTGTAC	CACTATGTTGTCTAAGCTGGTTTGATATTAGCGAAGGTTGCTCCGGGTCTGCCTATAGTGAGTC	0.8767	0.1928
rs7531110	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTGGGTGTATTTAACCAATAGCAGTA	GAGTCGAGGTCATATCGTTGTGGGTGTATTTAACCAATAGCAGTC	TTTCCAATCAGTTTGTCTTAAAGCATGGTACGCCAATCTAATGGTGAGTCTGCCTATAGTGAGTC	0.7557	0.5141

rs7535099	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACCAAATTGGTGCCACCTAATTTT	GAGTCGAGGTCATATCGTCACCAAATTGGTGCCACCTAATTTC	TGATTGTAATGTAAACTGACAGCGCTAATGGCGAGCGGTTCAATCGTCTGCCTATAGTGAGTC	0.8874	0.5513
rs7555955	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGAAGTGATTTACAGGCAGGAGTAA	GAGTCGAGGTCATATCGTGGGAAGTGATTTACAGGCAGGAGTAG	ATGTGGAATACAGAATAATTTGACTTAGGAACGGCCTGGAGCTGATGTCTGCCTATAGTGAGTC	0.6026	0.9229
rs7589318	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCCTGTTTTCCTGGTGTGCCA	GAGTCGAGGTCATATCGTGTTCCTGTTTTCCTGGTGTGCCG	CTGTGTCTCTGTGTAATGAGGATAAAGTCGCTTTACGGAGACACAGGGTCTGCCTATAGTGAGTC	0.1819	0.902
rs7661960	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAACACGAGGGGGTAGGATGGT	GAGTCGAGGTCATATCGTCAACACGAGGGGGTAGGATGGC	ACAAAAACAGATTACTCACTTACAGTGACCTCAAGGAAGCGGCGATTGTCTGCCTATAGTGAGTC	0.4252	0.3811
rs7666366	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCCTCTTGAGGCACTATAATCCTGAAAT	GAGTCGAGGTCATATCGTGTCCTCTTGAGGCACTATAATCCTGAAAC	ATCAATAGCATAAGCCTTAAAGAAGTCAAGGCAGTATCGGCATCTGGTCTGCCTATAGTGAGTC	0.1764	0.5544
rs7692951	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTAGACTGGGTATTCCTTAGATGGCA	GAGTCGAGGTCATATCGTGCTAGACTGGGTATTCCTTAGATGGCG	AATTATGCATTGTGTAATTCTGCCCGGAGATGACTGGTTCCGACGGTCTGCCTATAGTGAGTC	0.3036	0.3798
rs7699952	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATGTTCCCCCACACATAAACCCT	GAGTCGAGGTCATATCGTGATGTTCCCCCACACATAAACCCG	CTCCACTCAGGAAGGCAGCCCGATGCGAATTTTATGCACCTAGTCTGCCTATAGTGAGTC	0.008402	0.2055

rs7729742	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCGTTCATGCAGCTTTCCCA	GAGTCGAGGTCATATCGTGCGTTCATGCAGCTTTCCCT	GGGTTTACATCTGGTGTAACCTACCGTTTGACCTGGGAGTTACTGGTCTGCCTATAGTGAGTC	0.9553	1
rs7746743	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTTGGCCTTCAGTTTCATGAAGAAA	GAGTCGAGGTCATATCGTGCTTGGCCTTCAGTTTCATGAAGAAT	CTCCATCTATATAACTAATGCTGTTTAATATGTCCTAGCGCGATGACCAGGTCTGCCTATAGTGAGTC	0.2354	0.5962
rs7747189	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGGTCAAGGTTCTGACGCAGAAT	GAGTCGAGGTCATATCGTAGGTCAAGGTTCTGACGCAGAAC	TACATTTTTCTCAAGCTCATGCCCATTGGCTGTATCGACACGGAGTCTGCCTATAGTGAGTC	0.8072	0.3789
rs7749859	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTCAGGTTTGGAGAGCCAGGCA	GAGTCGAGGTCATATCGTGCTCAGGTTTGGAGAGCCAGGCG	AGGTTTGGAGTTCCAGTGAAGACCCTCGTTTGTGGGCTACACAGTCTGCCTATAGTGAGTC	1	0.441
rs7751185	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTGGATATAAAAAATGGCCCTTAA	GAGTCGAGGTCATATCGTTTTGGATATAAAAAATGGCCCTTAG	AAAGTTTGTCCTCAGAACCCAGGGCGCTTGCAGGTATGTCATGTCTGCCTATAGTGAGTC	0.3221	0.846
rs7773043	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGTCAGAGACCACTGCACTGGAAA	GAGTCGAGGTCATATCGTAGTCAGAGACCACTGCACTGGAAG	GGAAAACTAAACAAGGATAAAAATGTTGCACCATACATCGAAGTGAGAGTCTGCCTATAGTGAGTC	0.4902	0.08768
rs7778167	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAGGCAGGGAAGCAAGCAGA	GAGTCGAGGTCATATCGTCAGGCAGGGAAGCAAGCAGG	GGAAGGAACCAGATAAATCATCGTCATCCCGCATTGGTCAACGGGTCTGCCTATAGTGAGTC	0.8547	0.5696

rs7782257	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCTACCCCTTGGTTTCCACA	GAGTCGAGGTCATATCGTGCCCTACCCCTTGGTTTCCACG	GACCCATAAAGTCTACTCATTTTCTGACTGTCAGGTTTTCCGCATACGGTCTGCCTATAGTGAGTC	1	0.3657
rs7788818	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCACCTTGGGTGGTGTAATACACA	GAGTCGAGGTCATATCGTGCCCACCTTGGGTGGTGTAATACACG	GTAGTAACCACGGAGGTGTCAGATGCGGGCGATGCTATACTTGGTCTGCCTATAGTGAGTC	0.6773	0.2629
rs7791621	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACTTGGAGTTTTCTATGACTGGGGA	GAGTCGAGGTCATATCGTGACTTGGAGTTTTCTATGACTGGGGC	GAACGGAAGACAAGATATTGGAATAGACCGAGTCGATGTGGCGGTCTGCCTATAGTGAGTC	1	0.339
rs7795794	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGCTTTAAGGAAGCATCTTGCCA	GAGTCGAGGTCATATCGTTGCTTTAAGGAAGCATCTTGCCG	GAGACACAAAGCTAACAAGAGTGCGCTGGAGAACTATCCGCACCTGTCTGCCTATAGTGAGTC	0.831	0.1604
rs7798338	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTGTTTATTCTTGTTGTATAAGTACCCAT	GAGTCGAGGTCATATCGTTTGTTTATTCTTGTTGTATAAGTACCCAC	TAATATCCTCAATTTTGCCTTGCGTACAACTAGGTCATCGTCGTGGTCTGCCTATAGTGAGTC	1	0.4812
rs7802530	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTTGGAAGCCAGCCTGGAAA	GAGTCGAGGTCATATCGTGGGTTGGAAGCCAGCCTGGAAC	CCTGAAGAAACAAATGACAGCCGTGTAGAAACGAACCTGGTGCGTCTGCCTATAGTGAGTC	1	0.09462
rs7804281	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTAGGTGCCTAGGAAGCTCTGCAA	GAGTCGAGGTCATATCGTGTAGGTGCCTAGGAAGCTCTGCAG	CTGCTTACTGTCTCTCAGCCGTTACCAAGGGCGCGTCATTGGGTCTGCCTATAGTGAGTC	1	0.5685

rs7816	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCATTGTTAAAACAGCACTAAAAATAAAAA	GAGTCGAGGTCATATCGTCATTGTTAAAACAGCACTAAAAATAAAAT	TTTTAAAATGATTATCCATTATTTACAGATTCAATGGGCCGGGTAACGTGTCTGCCTATAGTGAGTC	0.4571	0.07118
rs7855888	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAAGCTTCTCTATGCCTGACATGGTA	GAGTCGAGGTCATATCGTGGAAGCTTCTCTATGCCTGACATGGTG	AGACACTCAATAAAATAACAAGTAACAATGTCGTACTTTTGCCGTACCCAGGTCTGCCTATAGTGAGTC	0.6403	0.3787
rs7857558	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGGTGATTCAAGAAAGATTAATTCAGACA	GAGTCGAGGTCATATCGTTGGTGATTCAAGAAAGATTAATTCAGACG	AGACGGCAAAGTACTATTAATAATTCCAGGGCTGAATGGTTCTCGATGTCTGCCTATAGTGAGTC	1	0.5345
rs7858142	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTTTGATTATAACTCAGTGCAAAGGGA	GAGTCGAGGTCATATCGTGTCTTTGATTATAACTCAGTGCAAAGGGG	CAATTTCACTAAAAAAACAAAGGCCAAACGCGAGCATCTATTGCGGTCTGCCTATAGTGAGTC	0.3703	0.2611
rs7864264	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGCCTAGCTTCCAGCACCAT	GAGTCGAGGTCATATCGTGCAGCCTAGCTTCCAGCACCAC	GGGACTGAATCCAAGTACTCTCCCCACTTACGTCGCATGGGACTGTCTGCCTATAGTGAGTC	0.005706	0.9511
rs7864328	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGGCTCCTCCAGAACTGTAGCA	GAGTCGAGGTCATATCGTGAGGGCTCCTCCAGAACTGTAGCG	GATACTGCCTGGAGTACATATTGTGAAGAGTTTGCATTCGTAGGCACGTCTGCCTATAGTGAGTC	0.3794	0.8409
rs7868500	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCAACATCTAACGTAATCATGGATCT	GAGTCGAGGTCATATCGTGAGCAACATCTAACGTAATCATGGATCC	TGCTATACCAAATTTGGTTCTCGGATCTCTCATGGACGCAGTTGGTCTGCCTATAGTGAGTC	1	1

rs7870666	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAACAATGCTTCTAGGGGTTCCTAGAA	GAGTCGAGGTCATATCGTGAACAATGCTTCTAGGGGTTCCTAGAT	CTCCAGACTAAGTGTTGACCTAGTGAAGACGGATTCCCTTGTCGTGGTCTGCCTATAGTGAGTC	0.5805	0.3511
rs7873079	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTAATAAACTCCATTAGCTTCCCT	GAGTCGAGGTCATATCGTGCTAATAAACTCCATTAGCTTCCCC	AATTGTATAAGTCATACCTTTTTATGGACTCGCGTGACTCAGGGTGAAGGTCTGCCTATAGTGAGTC	1	1
rs7873546	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGACAAGCAATGAATGTAATTTAAATTTAT	GAGTCGAGGTCATATCGTTGACAAGCAATGAATGTAATTTAAATTTAG	CTATAGAAAGTAATTGAAATATGCACGAGCGCATGACGTTTACCTCTGGTCTGCCTATAGTGAGTC	1	0.619
rs7883	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGCAGCTGCCTACAAGACTGT	GAGTCGAGGTCATATCGTGTGGCAGCTGCCTACAAGACTGC	TTAATATATTTTCTGAGAGCACCGTGGCTACCTCGGGGCAACTACGGTCTGCCTATAGTGAGTC	0.795	0.9445
rs791595	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCCCCCAGGGCAGCTGTA	GAGTCGAGGTCATATCGTGACCCCCCAGGGCAGCTGTG	CCACAGAATTGAGGCATAATTACACGCCCATCTGAGTATTCGCGTCTGCCTATAGTGAGTC	0.06927	0.7127
rs791604	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAAGGTGCTGCTTTTGGGGAT	GAGTCGAGGTCATATCGTGAAAGGTGCTGCTTTTGGGGAC	TGAAAAAGAAGATGCCAGGGCGCAATTCCCTCGATCTTACGGTCTGCCTATAGTGAGTC	1	0.4536
rs791608	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGCCCCGTTACCCATACTCCA	GAGTCGAGGTCATATCGTGCTGCCCCGTTACCCATACTCCG	TCTTCCTTGATGCATGGTTAAGTGCTGCATGTACTCGGGTAAGGTCTGCCTATAGTGAGTC	0.7266	0.9359

rs791612	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATGCAGCCCCCTGGCAGAT	GAGTCGAGGTCATATCGTGATGCAGCCCCCTGGCAGAC	ATTGCTATCACAGCCACATTTTGATGTTAGAGCCCGAATCCACGGTCTGCCTATAGTGAGTC	1	0.4202
rs7939428	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACCTTTCCCTGCTCTCCTGCAT	GAGTCGAGGTCATATCGTGACCTTTCCCTGCTCTCCTGCAC	TATCCCAGGGTCCACTTTTATTGGGACAGAACGTAAATCCTCCGGTCTGCCTATAGTGAGTC	0.02697	0.8289
rs8083286	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTATCTTTTTTTTGGGGGGGGGA	GAGTCGAGGTCATATCGTGTATCTTTTTTTTGGGGGGGGGG	AACATCTAGTTATAGTAATAGGACTTGATTGGGAACTCACCCGGTCACAGTCTGCCTATAGTGAGTC	0.3293	0.001046
rs8093815	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTGGAGCCCCACCAGCTCTAGT	GAGTCGAGGTCATATCGTGTTGGAGCCCCACCAGCTCTAGC	GGATTGTTATTGTATCAATTGGGGTACCAGTGTTTCGACGGGCTAGTCTGCCTATAGTGAGTC	0.1397	0.4784
rs8094302	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTAGCTCTGATGGAGTTAATATTCTAACA	GAGTCGAGGTCATATCGTTTAGCTCTGATGGAGTTAATATTCTAACG	ATCCTCAGAAATAACATACTTTAATCTGACATATTGCGCTTGGATGCGGTCTGCCTATAGTGAGTC	1	0.6133
rs874476	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACTATTTTTAGGGAGAAATAACATTGGT	GAGTCGAGGTCATATCGTGACTATTTTTAGGGAGAAATAACATTGGC	TGTCACCCTAATTATATCATAGAATCGTGCTCTGAGACGGCAAAGATTCGTCTGCCTATAGTGAGTC	0.7406	0.2579
rs896178	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAGCTCGGCCCAGACGA	GAGTCGAGGTCATATCGTGGCAGCTCGGCCCAGACGC	GCCATCATTCCTCCTTGCCAGGCTCCCAGTTGTCAGCGACGTCTGCCTATAGTGAGTC	0.8822	0.299

rs896181	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAAAACCAGAGAAGCCATGCTT	GAGTCGAGGTCATATCGTGGCAAAACCAGAGAAGCCATGCTC	TATCCACAAGCAAACTTCTCTGCCGTGAAAGACGCTAAAGATGTGTGTCTGCCTATAGTGAGTC	1	0.445
rs925946	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTTTACACCTGCATAGTCAACAGTGAT	GAGTCGAGGTCATATCGTCCTTTACACCTGCATAGTCAACAGTGAG	AAAGACAGCATTTCTGTCTCTCTGTCGGAGTCGCTCAGTGATACGTCTGCCTATAGTGAGTC	0.3389	0.8815
rs9314735	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACAGAATATGGGATCATAATTAGTTCAT	GAGTCGAGGTCATATCGTCACAGAATATGGGATCATAATTAGTTCAC	ACCATTCTATGGTTATTTCAAAATCGACTACGACGATGCTGCTGACGTCTGCCTATAGTGAGTC	0.8356	1
rs9322026	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCACTTCAAAAAGACCAATCCATCTCT	GAGTCGAGGTCATATCGTGCACTTCAAAAAGACCAATCCATCTCC	CTCTGTAAAACGTTAATACCCTTCCTGAGGTGAACCGTGTCATGCTGTCTGCCTATAGTGAGTC	0.3414	0.8009
rs9322060	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGGGTGGGACACACTGGAAA	GAGTCGAGGTCATATCGTGAGGGGTGGGACACACTGGAAG	ATAGCAGACAAGCATTGGTTCCAGCGTTATGAGACCGATGGGCGTCTGCCTATAGTGAGTC	1	0.807
rs934778	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTGTTCCCATTGTACCCTGCCA	GAGTCGAGGTCATATCGTCTGTTCCCATTGTACCCTGCCG	TGATCTATTCAAGTACACAGCCCGGTCTTACCTGGCACGCAATTGTCTGCCTATAGTGAGTC	0.4571	0.4091
rs9373504	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTGACAAAGGTCTTAAAAGATTCTCTTT	GAGTCGAGGTCATATCGTTGTGACAAAGGTCTTAAAAGATTCTCTTC	ATTTTTGATTTACAGACTTTTGAAGCGTAAATGACTCGATCCAACTTGCGTCTGCCTATAGTGAGTC	0.2764	0.7726

rs9375688	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGGTGCACTCCAGGCACAAT	GAGTCGAGGTCATATCGTGTGGTGCACTCCAGGCACAAC	TGTCTAATTTGCAATTTCTCTTTAGCTTAGGGCGGGGACTCATTCGTCTGCCTATAGTGAGTC	0.7621	0.3874
rs9375689	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAACCTATGAGAGGATGTTTGGAAATCT	GAGTCGAGGTCATATCGTCAACCTATGAGAGGATGTTTGGAAATCC	GTCCCTTTTCTCAACAAAAGAAATCCGGCATTTGAATAGCACGTAGGTCTGCCTATAGTGAGTC	0.6317	0.4135
rs9375711	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAATTGTAGAAATTGTGTTCAGTTTTAGAA	GAGTCGAGGTCATATCGTGAATTGTAGAAATTGTGTTCAGTTTTAGAT	TGCTAATTTTACTAGTTTATTTCTCTTCCCACAATGTTATGCGGTGAATCGGTCTGCCTATAGTGAGTC	0.9092	0.8465
rs9376948	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGCTATCCTTATTTTTGTTCTTCTTCTTGT	GAGTCGAGGTCATATCGTGGGCTATCCTTATTTTTGTTCTTCTTCTTGC	TTTTTTAAATTGAGAGACTGAAGCGTCATTCGTCCGGGTAGCAGAAGTCTGCCTATAGTGAGTC	0.288	0.1701
rs9386144	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAAAATCTATTGCAGTATGGCCAGAAT	GAGTCGAGGTCATATCGTGAAAATCTATTGCAGTATGGCCAGAAC	CTTTTTAAGGTAAATTCTTTATTGCTTTCGCACGAGGTGATATGCGTGGTCTGCCTATAGTGAGTC	1	1
rs9390332	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTGAACCTGAGGAGCCCTTTGA	GAGTCGAGGTCATATCGTCCTGAACCTGAGGAGCCCTTTGT	GATGAAGTCTCTAGGGTTCACTTCATGGGTAGTGCTATCGACGGCGTCTGCCTATAGTGAGTC	0.2553	0.574
rs9403683	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCTATTAATTTGCTCATCGTGCCTT	GAGTCGAGGTCATATCGTGTTCTATTAATTTGCTCATCGTGCCTG	CCATTATTAGTATTAGTAATGGCATTAATGGCTGCGCTTGATCCAACGGTCTGCCTATAGTGAGTC	0.3491	0.4837

rs9403695	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTGTGCCAGCCGTGTGTGTGT	GAGTCGAGGTCATATCGTCTGTGCCAGCCGTGTGTGTGG	GGCTCCAGGTTGGAGATACTGGTCCAAGTGTAGCAACGATGAGGTCTGCCTATAGTGAGTC	1	1
rs9403718	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGAGGTTTTGTAATGCTGACTGAAGAT	GAGTCGAGGTCATATCGTGGGAGGTTTTGTAATGCTGACTGAAGAC	AGATGAAATAATCTGAAATACATGAGATCTCAGCATCGCCTAGCAACGTCTGCCTATAGTGAGTC	0.2884	0.2527
rs9403728	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTCTCTGGTTGCCATGGTAATCATT	GAGTCGAGGTCATATCGTGGTCTCTGGTTGCCATGGTAATCATG	AATCCACGGGTATTAGGAACTTTATCTCCACACCACGAGGCGTGTCTGCCTATAGTGAGTC	0.9571	0.8315
rs9403740	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCAAAATCTGACCAAATAGTCTGGGAA	GAGTCGAGGTCATATCGTGTCAAAATCTGACCAAATAGTCTGGGAG	AGATAAGCCATTTAATTCCAACAGTGCATCTGATGATCGCGGAAGGTCTGCCTATAGTGAGTC	0.9569	0.2174
rs9436298	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACCAGTGAGTTAGTGGAGCCCAGT	GAGTCGAGGTCATATCGTACCAGTGAGTTAGTGGAGCCCAGA	TATGAACACAGTCCCTTTGTGCGACGGATTGCGTGTTAATCGGGTCTGCCTATAGTGAGTC	0.1649	0.6713
rs9436299	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCAGCGAGAAATGAGGATAATAATACCT	GAGTCGAGGTCATATCGTGCCAGCGAGAAATGAGGATAATAATACCG	ATTACATTCCAAAAGCTAGAATAAAGAGCCGCTGTCATATCTGCACGGTCTGCCTATAGTGAGTC	0.5974	0.9278
rs9436302	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGCCCATATCAAATGCCAGTT	GAGTCGAGGTCATATCGTGAGGCCCATATCAAATGCCAGTC	GAATTTCTCTCTTCTTGGTGCTGTCGCGGTAAAGGGTTCTCTATGGTCTGCCTATAGTGAGTC	1	0.35

rs9436303	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCTTTCTTTTAGCTCTACCACACTGGAT	GAGTCGAGGTCATATCGTCTTTCTTTTAGCTCTACCACACTGGAC	CTTCTTTATTCTATATACTGCATTCTTTGTCACGCGATACCTCTTAGAGAAGTCTGCCTATAGTGAGTC	0.7342	0.3278
rs9436738	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACCGCAAAGGGATGGCAGCA	GAGTCGAGGTCATATCGTACCGCAAAGGGATGGCAGCG	TGATATATATAGTTGAAAGATCACTGTTCGGTCGTTCGCCTGACACTAAGTCTGCCTATAGTGAGTC	0.2807	0.1553
rs9436742	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCAAGCCTATAATATTTAGGCAGTTCCTT	GAGTCGAGGTCATATCGTGTCAAGCCTATAATATTTAGGCAGTTCCTC	AATTTATGAAAAGTGTTCTCAGAATAACTACCTTGACCGGAACACCTGGTCTGCCTATAGTGAGTC	1	0.3959
rs9436747	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCACAAAACCATTAATATTATGGGGTTCTT	GAGTCGAGGTCATATCGTCACAAAACCATTAATATTATGGGGTTCTC	TCAATATTTCTATGCTTAATTTTAAAGTTTAATACGGGGCCACAACTTCCGTCTGCCTATAGTGAGTC	0.7882	0.4488
rs9631753	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACACCCATTATGGACAATGGGGAGACA	GAGTCGAGGTCATATCGTACCCATTATGGACAATGGGGAGACC	TTCTAAGTATTTAATAACATTCAACCCTTACCGAAGGGTGGACAGCGTTGTCTGCCTATAGTGAGTC	0.9038	0.8334
rs9660088	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTCTGGAAACACTTGTGCCTTTTATT	GAGTCGAGGTCATATCGTTCTCTGGAAACACTTGTGCCTTTTATC	CTGGGAAATTTTCTTGTATTTTTAAGATCGGTTGTTTTCCCGGTAACGTCTGCCTATAGTGAGTC	0.02697	0.2705
rs970467	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCTGGCTAAATTTATCTCCACAGAA	GAGTCGAGGTCATATCGTGTGCTGGCTAAATTTATCTCCACAGAG	TTAACAACATGGAATGATTAATTAGCAGTAATCAGGCGTCTGTTGGCGTCTGCCTATAGTGAGTC	0.7412	0.6099

rs985205	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTCTTTTTCACTGCTCTAACCATAGCAGT	GAGTCGAGGTCATATCGTTCTTTTTCACTGCTCTAACCATAGCAGA	TCTAGTTCATAGTCAATCTCTACTCACAGTGATTACTCACCGGACGATACGTCTGCCTATAGTGAGTC	0.1685	0.2881
rs993315	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGCTGCCTGATGTATATGAAATCAAT	GAGTCGAGGTCATATCGTGAGCTGCCTGATGTATATGAAATCAAC	GATTTCAGCAGAGCTTTCTTATAGGGTGTGTCCTACAAGACCGTAGTCTGCCTATAGTGAGTC	0.3434	0.06175
rs9947255	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGTGATGGGAAAGACAAGGAGAAT	GAGTCGAGGTCATATCGTAAGTGATGGGAAAGACAAGGAGAAA	ATACGCCTTGACAATAGTCTCCGCAAGTGAGTTTATCGGTCCCCGTCTGCCTATAGTGAGTC	0.8343	0.1932
rs9947450	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCTGTTCCATGTGATGCCATGGT	GAGTCGAGGTCATATCGTGCTGTTCCATGTGATGCCATGGC	TTTTTTTCTCTCTATTCTCCATTTGCTATTCGGTGGCAAGTCGAGCGTCTGCCTATAGTGAGTC	0.7327	0.05662
rs995861	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCAATTACTCATCTATTTTTACATGTTCGT	GAGTCGAGGTCATATCGTGTCAATTACTCATCTATTTTTACATGTTCGC	AAAATAGTTTTGGTTGTCTCATGTTCTGATCGCGGCGAGAGCTAAGTCTGCCTATAGTGAGTC	0.7081	0.1398
rs9965495	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAACCTAATATCAGACACCTTTTGTTCTAT	GAGTCGAGGTCATATCGTAAACCTAATATCAGACACCTTTTGTTCTAC	GTGTTTGATATTTAATTTTTTGAAACCTGGTTTAACCGTCGGCAACGTCTGCCTATAGTGAGTC	0.5268	0.006127
rs9966412	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGCAATGTGTATCACAAACCCTAAAA	GAGTCGAGGTCATATCGTTGCAATGTGTATCACAAACCCTAAAG	CACCCATTCCTTATTATTTCATTTCTCGGTCGAACGATCAAACGGGTCTGCCTATAGTGAGTC	0.3016	0.01164

rs9991565	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGATCATTCCACAAGAGGACGTA	GAGTCGAGGTCATATCGTGGAGATCATTCCACAAGAGGACGTT	ATGAAGTATCTCCTTTTGTTCAAAATGCCAGGTCGGAACTTGGTCTGTCTGCCTATAGTGAGTC	1	0.7237
rs9999764	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTGAAGATCAAAATGTCTATTGATCACT	GAGTCGAGGTCATATCGTTTTGAAGATCAAAATGTCTATTGATCACC	ATTTTAATCTCTTCTCAGTTTGGTGCAACGCTTTGAATGGGCTCTCGTCTGCCTATAGTGAGTC	0.2026	0.2499
rs1001045	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGAACAGCTGATTTCCCATCAAG	GAGTCGAGGTCATATCGTGTGAACAGCTGATTTCCCATCAAC	AGATTAATTTCCATAGTCACCACAAAACCACCGCAGTGTTGTCCACGTCTGCCTATAGTGAGTC	0.5782	0.438
rs10114941	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAAGGTGAAATTGTATGCCAAGTGTG	GAGTCGAGGTCATATCGTCAAAGGTGAAATTGTATGCCAAGTGTC	CTAACTAAATATGATTTTTGTTTCTTTAGAGCACAAACGTGTATTCGGGCGTCTGCCTATAGTGAGTC	0.6951	0.07409
rs10213965	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAGGTCGGCCTCCTACTCATCTCG	GAGTCGAGGTCATATCGTGCAGGTCGGCCTCCTACTCATCTCC	TGATCTAAGTCACAAGTCTATGAACAGAGTCAACGATTTGCCCGGACGTCTGCCTATAGTGAGTC	0.3374	0.2009
rs10487505	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTCTCCTTGGGTCCTCAGTGACTC	GAGTCGAGGTCATATCGTTTCTCCTTGGGTCCTCAGTGACTG	CTGCACTCCATGTGTGTGACAGCACCGAAATACTGGCTTGCGTCTGCCTATAGTGAGTC	0.6244	0.9528
rs10789185	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTGCCTTAAGAGCCAAACAAAAATAC	GAGTCGAGGTCATATCGTTTGCCTTAAGAGCCAAACAAAAATAG	ATTAAAGGCAGAAACAGCATGTATGCAAGGGCTGCGTTGTCTAGGTCTGCCTATAGTGAGTC	0.5557	0.1456

rs11587159	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCATACTGATACATCAAAAAGACTGTCAC	GAGTCGAGGTCATATCGTGCCATACTGATACATCAAAAAGACTGTCAG	GTGTCTTCTATCACTTATTCCATTATGACCTCTAACGCATCGGGTCGTCTGCCTATAGTGAGTC	0.4903	0.7657
rs11602246	BDNF	11	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAAAGGCTTTGAAAAATCTCTAAAAGC	GAGTCGAGGTCATATCGTTGAAAGGCTTTGAAAAATCTCTAAAAGG	TGTATAAATGCAAAAGTATTTTAAACTGCTTGCCTAAATTATCGCCCAGGTCTGCCTATAGTGAGTC	0.4455	0.2969
rs1171264	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTAGGTAGTAGAGCAGAGGGCTACTGG	GAGTCGAGGTCATATCGTTGTAGGTAGTAGAGCAGAGGGCTACTGC	TTATACATAAGTAAGTTTTTTTTAACCCGAGCGTTTATGGTATGATGCCACGTCTGCCTATAGTGAGTC	1	0.6706
rs1187274	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAGCAAGACAGAAAGGCTAGACACAC	GAGTCGAGGTCATATCGTAAGCAAGACAGAAAGGCTAGACACAG	CCAGGAGAACAATAGATTAATTTGTAGCTTCTGACGGTCCATTGCAGGTCTGCCTATAGTGAGTC	0.9559	0.06482
rs12056959	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTGTATTTATTTGCTAAATCTGGCAAC	GAGTCGAGGTCATATCGTGCCTGTATTTATTTGCTAAATCTGGCAAG	TTATTGATAGGCTTTTGATAGGTTACGAGCTTTGTCCGGTGGAAAGGTCTGCCTATAGTGAGTC	0.5096	0.166
rs12336534	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGATTCCCAGTGATGTTCTTAGCAC	GAGTCGAGGTCATATCGTTGATTCCCAGTGATGTTCTTAGCAG	AAAGAAAGCACAAGAGTACAAAATGCGAGACTAAACTCATCAGCGTAGTCTGCCTATAGTGAGTC	1	0.08403
rs13147995	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTCTGTTTTCTGATTCTGACTTATAAATGTG	GAGTCGAGGTCATATCGTGTCTGTTTTCTGATTCTGACTTATAAATGTC	AGAATAAGGTTCTTTAAATTTGTAAAGAGGAATAGTTGGGCACCGTCTGTCTGCCTATAGTGAGTC	0.5345	0.4638

rs13148844	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAGTTGTGCCTCTGCACAACCG	GAGTCGAGGTCATATCGTTGAGTTGTGCCTCTGCACAACCC	TAGAAGATAACACAGAAGATAGTCGCGAGTTGCTACGTTGCACACATCGTCTGCCTATAGTGAGTC	0.05707	0.7474
rs155438	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCATGCTTGACTGGAGGTAGTAATGAGG	GAGTCGAGGTCATATCGTGCATGCTTGACTGGAGGTAGTAATGAGC	AAGGTTTTATAATATCATTATAAGGAAGACGTTGCACGGTGGAGCCATAGTCTGCCTATAGTGAGTC	0.1343	0.2479
rs155979	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTTTCCTGTGGGAGGAGAGCAAGG	GAGTCGAGGTCATATCGTTTTCCTGTGGGAGGAGAGCAAGC	AACATCTAAATGAATTCTCCACCCGTCCATGATCGAACGGCCTAGGTCTGCCTATAGTGAGTC	1	1
rs16118	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCAAAAGGTTGTTTTCCTTTATGATGATAG	GAGTCGAGGTCATATCGTGCAAAAGGTTGTTTTCCTTTATGATGATAC	AAAGGTATTTGTTTAGTTCTGATGATGCAAACTCGCGGAAGAGGTTACGTCTGCCTATAGTGAGTC	0.5062	0.4789
rs16122	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGAAGTACCAGTATGGGATGAGACTG	GAGTCGAGGTCATATCGTTGAAGTACCAGTATGGGATGAGACTC	TTTTCTTTGATTTAGAAATGACATAGCGTCTTCTCACCCAGCGAGTGTCTGCCTATAGTGAGTC	0.2156	1
rs16138	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAAGTCTGACAATGTCTGTGGCAACC	GAGTCGAGGTCATATCGTAAAGTCTGACAATGTCTGTGGCAACG	TGCAGTTTACTCCTTGGTTTGAGTCACGCATCACCTATTCCGAGGTCTGCCTATAGTGAGTC	0.1364	0.05444
rs17046491	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCCCTCTTCCAATCAGTCTGCTC	GAGTCGAGGTCATATCGTGCCCCTCTTCCAATCAGTCTGCTG	CCCTATCTTTTATATATAGAAATGTCTGGTTCCGCTAATGAACTTCCGGGTCTGCCTATAGTGAGTC	1	1

rs17066836	MC4R	18	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCAATGAATGCTTCTTACCTGACTTG	GAGTCGAGGTCATATCGTGTTCAATGAATGCTTCTTACCTGACTTC	TGTTTTATATTTCTTTCATGTTTTTGTAACTTGGCTCCGACCTAACGGTCTGCCTATAGTGAGTC	1	0.5167
rs17082185	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGGTGTTGGGGCAGGATGTAG	GAGTCGAGGTCATATCGTGGGGTGTTGGGGCAGGATGTAC	AACTGTTAACATTGTTCTTGGAGCTAGCACATGGATGATCCGCTCGTCTGCCTATAGTGAGTC	1	0.1905
rs17087768	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGGCAGAGCCACGGCCAG	GAGTCGAGGTCATATCGTAGGCAGAGCCACGGCCAC	AACCCTGGAGCAGTCAGATACCGTGTCTAGCAAACGAAACCTGACGTCTGCCTATAGTGAGTC	1	0.7225
rs17127618	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAAATTGCCATCTGGTTTCCAACAG	GAGTCGAGGTCATATCGTAAATTGCCATCTGGTTTCCAACAC	ATTTTCTCTATCAGTACTTCAAAAAAGCACCTCCACGTAGTATGGCCGTCTGCCTATAGTGAGTC	0.7767	1
rs17502674	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAACATGACTTGTGAGATGCGGAAC	GAGTCGAGGTCATATCGTGAACATGACTTGTGAGATGCGGAAG	GCCACATTGTTTAAATACAGCCTCGAATGGTCGATGGCTTCTATAGTCTGCCTATAGTGAGTC	1	1
rs1822421	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGAGTGGATGGCAATGGTCCAGTAC	GAGTCGAGGTCATATCGTGGAGTGGATGGCAATGGTCCAGTAG	ACCGTCATCTGGCAAAGTTAAACTTAGCTGACCTGCGCCTCTGTCTGCCTATAGTGAGTC	1	0.009504
rs2038051	POU3F2	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAACATAACACTGATACACAAATCTACTTTC	GAGTCGAGGTCATATCGTGAACATAACACTGATACACAAATCTACTTTG	ACTTTCATTTATTACCAATAATGGTACAACCCTATGTCGAGAGGAATGCGTCTGCCTATAGTGAGTC	0.2357	0.07047

rs2295595	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCCAGATTTGGTTCCCTAGTTCACTG	GAGTCGAGGTCATATCGTCCCAGATTTGGTTCCCTAGTTCACTC	AATCATAGATGTTGACATACATCCTACGCTCATACTACTCAAAGGGCCGTCTGCCTATAGTGAGTC	0.5732	1
rs2658152	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGTAACCCAGGCCTCCACTGATG	GAGTCGAGGTCATATCGTTGTAACCCAGGCCTCCACTGATC	ATCATGGTACTATTTCTCATTTAGAAGGTTATGTCAACCGCCTTCCAACGTCTGCCTATAGTGAGTC	0.5875	0.08497
rs3025123	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGGCTGCGTCTCTAGCAAGTTCC	GAGTCGAGGTCATATCGTGAGGCTGCGTCTCTAGCAAGTTCG	CTCCCACCCCTAGACAGACTCTCATTTACGGGCACATAAGACCGTCTGCCTATAGTGAGTC	1	0.282
rs3762983	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTGGCCAGCTGCAGAAGGG	GAGTCGAGGTCATATCGTGGCTGGCCAGCTGCAGAAGGC	GGAGGTCTTTGGTGCTCAGAACGTGGATGTCTGCCCCTATCGTCTGCCTATAGTGAGTC	0.5564	1
rs3905497	NPY	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCATGCATATGTGTAAGAATATATCCAATTG	GAGTCGAGGTCATATCGTCATGCATATGTGTAAGAATATATCCAATTC	ATATTTTACACATTTGTAGCTTTGTACCTAAACTGGTCCGCGCTGATGTCTGCCTATAGTGAGTC	0.04191	0.9171
rs4655811	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAATTCTTTCCTCAGCCACGTTCAG	GAGTCGAGGTCATATCGTAATTCTTTCCTCAGCCACGTTCAC	CTACTAATAAGCCATCAAAGCCGATACCCGGTCGTCCGTGATGAGTCTGCCTATAGTGAGTC	0.6814	0.9196
rs4704436	OTP	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTTGCAACATTCAAGTTTTATGAGAG	GAGTCGAGGTCATATCGTGGCTTGCAACATTCAAGTTTTATGAGAC	ATTCCTACACTCAGTCCTTTAAATGATCTGGAGGTTGGACCCCGATGTCTGCCTATAGTGAGTC	0.2204	0.5847

rs4731420	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGTCCACAGCTCCATGGCCG	GAGTCGAGGTCATATCGTGGTCCACAGCTCCATGGCCC	AATGTCACAGAGCTGACTCGACGCTAAGGTATCACGATGGCCGTCTGCCTATAGTGAGTC	0.1535	0.3948
rs53125	LEP	7	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACACAATTATGTACCTGAAACGCAG	GAGTCGAGGTCATATCGTGACACAATTATGTACCTGAAACGCAC	TTTTAAGATTGGAAAGAACTCATCGGCCAATGTTCGTAGTGACCCAGTCTGCCTATAGTGAGTC	1	0.8058
rs6234	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGAGGAGGGAGCCCCTTCCG	GAGTCGAGGTCATATCGTGGGAGGAGGGAGCCCCTTCCC	CTGCAAAGTGCTTTCAGTAAAACCTCGGACTGAAGGATACGGTCGTCTGCCTATAGTGAGTC	0.4589	0.4733
rs6235	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAATCACCAAAGAAGTCCCCAAC	GAGTCGAGGTCATATCGTCAATCACCAAAGAAGTCCCCAAG	GCAAAGCTCAACATCCCTTATGAGTTCCGGTCCTATACTTGACGGTCTGCCTATAGTGAGTC	0.3545	0.9199
rs6661050	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGATGAAACCATCCAACCAACAAACG	GAGTCGAGGTCATATCGTGATGAAACCATCCAACCAACAAACC	CCACCAACAAAAAGAAACCTACAGGGGAAACACGGCCTTTCGTGTCTGCCTATAGTGAGTC	0.4519	0.6416
rs6672331	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGGTCTTCGGGAACCCTAAAATCACG	GAGTCGAGGTCATATCGTGGGTCTTCGGGAACCCTAAAATCACC	GTAATCCTATCTCTTGTCTCTGCTTTTGTGGTGCGAATGGTCATACCCGTCTGCCTATAGTGAGTC	1	1
rs6690661	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGCCTAAAGAGTGGGGATGCTTGGTC	GAGTCGAGGTCATATCGTGCCTAAAGAGTGGGGATGCTTGGTG	TTCAAGAAACAGCAAGGAAATACAGTGGGTATATGACGCAATTCGGTCTGCCTATAGTGAGTC	0.6251	0.9169

rs6693573	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACAGGACTTTTGCCGTAAAGATTCTTAAC	GAGTCGAGGTCATATCGTAGGACTTTTGCCGTAAAGATTCTTAAG	TCAAGTACAATACCTTTGGTGTGTGCGAACTATGACTAACGTGCAGAGTCTGCCTATAGTGAGTC	1	0.04285
rs6719226	POMC	2	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACTGCCAGGATCAAATGGAGAAATC	GAGTCGAGGTCATATCGTTGCCAGGATCAAATGGAGAAATG	ACAAAAATAGTGAGGAGATTTAAAAGTGCGCTCCGAAAACCACATATAGGTCTGCCTATAGTGAGTC	1	0.228
rs6896567	PCSK1	5	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGAGAAACAGCCTTTCTGTGATTATGCG	GAGTCGAGGTCATATCGTGAGAAACAGCCTTTCTGTGATTATGCC	ATGGGTGATTGAGTAGTAACACAACATCGCCGGTATGCCTCTACGGTCTGCCTATAGTGAGTC	0.1731	0.3112
rs7654292	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCTGGGTGGGGGGGGGG	GAGTCGAGGTCATATCGTGGCTGGGTGGGGGGGGGC	GTCAGGAGGAGTTCGAGACGATTGGGTACAATTCGGCTCTAGGGTCTGCCTATAGTGAGTC	7.41E-06	1.91E-19
rs767933	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGGCAAGGACAGGGAGCTGGCG	GAGTCGAGGTCATATCGTGGCAAGGACAGGGAGCTGGCC	GGAAGAGGGCTCCTCCTTGCGTTTATAGAGGTTGACCGGCGTCTGCCTATAGTGAGTC	0.5111	0.6702
rs7699011	CPE	4	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTGCGTCATATCTAAAAAACCATTGCG	GAGTCGAGGTCATATCGTGTGCGTCATATCTAAAAAACCATTGCC	AATCTAAGGTCACAAAGATTTACAAGAACGGGTCGCTATGTCGTTGGTCTGCCTATAGTGAGTC	0.3015	0.3116
rs7867174	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACTCTTGTATGAGGAACTCTCCCCG	GAGTCGAGGTCATATCGTGACTCTTGTATGAGGAACTCTCCCCC	ATGAGATATCTTTCCCTTCAGTCTACACGTAACCACTCGGATACCAGGTCTGCCTATAGTGAGTC	0.3268	0.5119

rs7873811	NTRK2	9	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTATGGCATTGCTTCCAGGCCTTC	GAGTCGAGGTCATATCGTGTATGGCATTGCTTCCAGGCCTTG	TTCATATGTGAATAAGGGGCATGTTTAGCCGAGTCCACACCTTCGTCTGCCTATAGTGAGTC	1	0.4066
rs8179183	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCCTTCCAAAGTAAAGTGACATTTTTCTCG	GAGTCGAGGTCATATCGTCCTTCCAAAGTAAAGTGACATTTTTCTCC	TTTTCATAGTATCTCCATTAATTATTCGGTGTCGTCGTGTAGAATGCCAGTCTGCCTATAGTGAGTC	0.267	0.4525
rs868568	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGTTCTTTCTGCAGACTGGATGCAGG	GAGTCGAGGTCATATCGTGTTCTTTCTGCAGACTGGATGCAGC	GATCCAGTGATGGACACCACGGTTGACCAGTACCACGATTCGTCTGCCTATAGTGAGTC	0.8304	0.4117
rs9403661	SIM1	6	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACCAAAGAGATAGGGAAAAGTACAAGTGAG	GAGTCGAGGTCATATCGTCAAAGAGATAGGGAAAAGTACAAGTGAC	CAAACAGAAAGTGTTTATAAAATTAAAGGAACGACGTGCTCTAATGCGGTCTGCCTATAGTGAGTC	0.6823	1
rs9436737	LEPR	1	Illumina_golden_gate_assay	ACTTCGTCAGTAACGGACGACATGATCAGAAACTACCAAATCATGATC	GAGTCGAGGTCATATCGTGACATGATCAGAAACTACCAAATCATGATG	CGTTTATGTGTGAATGTGTTAGATATGTGGCCGGTTCTTTCACAAACGTCTGCCTATAGTGAGTC	0.5877	0.02135