

Supplementary Table S4 The 375 probes that were aberrantly methylated in samples of non-cancerous liver tissue showing non-alcoholic steatohepatitis (NASH-N) relative to samples of normal liver tissue and showed significant differences in DNA methylation levels between NASH-N samples and samples of non-cancerous liver tissue showing chronic hepatitis or cirrhosis with hepatitis B or hepatitis C virus infection.

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg05041517	1	1,021,029	<i>C1orf159</i>	Gene body
cg02280859	1	1,711,185	<i>NADK</i>	Gene body/5'UTR/1st intron
cg01881525	1	2,191,558	<i>SKI</i>	Gene body/1st intron
cg05461259	1	2,344,699	<i>PEX10</i>	TSS1500
cg21290290	1	2,518,275	<i>FAM213B</i>	Gene body/1st exon
cg08679807	1	6,338,594	<i>ACOT7</i>	Gene body
cg02900253	1	6,673,709	<i>PHF13</i>	TSS200
cg15639718	1	8,361,284	N/A	
cg12856855	1	9,824,113	<i>CLSTN1</i>	Gene body
cg08857906	1	28,156,999	<i>PPP1R8</i>	TSS1500
cg25364822	1	33,337,257	<i>FNDC5</i>	Gene body/5'UTR/1st intron
cg10555853	1	33,516,627	N/A	
cg23710594	1	33,841,330	<i>PHC2</i>	TSS200
cg08579753	1	39,174,525	N/A	
cg23108607	1	39,879,411	<i>KIAA0754</i>	Gene body/1st exon
cg08117436	1	93,293,756	N/A	
cg06221222	1	94,147,831	<i>BCAR3</i>	TSS1500
cg19777710	1	113,464,716	<i>AKR7A2P1</i>	TSS1500
cg01011918	1	153,013,573	<i>SPRR2D</i>	Gene body/5'UTR/1st exon
cg24054272	1	155,243,076	<i>CLK2</i>	Gene body/5'UTR/1st exon
cg09372808	1	167,791,030	<i>ADCY10</i>	Gene body
cg01488306	1	197,037,504	<i>F13B</i>	TSS1500
cg15832577	1	197,874,077	<i>C1orf53</i>	Gene body/1st intron
cg01103730	1	207,038,704	<i>IL20</i>	TSS1500
cg15897635	1	220,697,615	N/A	
cg25622855	1	228,395,347	<i>OBSCN</i>	TSS1500
cg13242070	1	228,652,067	N/A	
cg10840412	1	235,813,424	<i>GNG4</i>	TSS200
cg22729008	1	245,581,518	<i>KIF26B</i>	Gene body
cg01815906	1	246,622,633	<i>SMYD3</i>	Gene body/1st intron
cg00854591	2	503,097	N/A	
cg04449562	2	2,000,565	<i>MYT1L</i>	Gene body/5'UTR
cg26534993	2	3,291,401	<i>TSSCI</i>	Gene body
cg10328259	2	3,321,226	<i>TSSCI</i>	Gene body
cg04623165	2	10,372,402	N/A	
cg01400712	2	25,352,206	<i>EFR3B</i>	Gene body
cg17696006	2	26,521,372	N/A	
cg06971903	2	33,720,546	<i>RASGRP3</i>	Gene body/5'UTR/1st intron
cg04035064	2	46,243,113	<i>PRKCE</i>	Gene body
cg25116269	2	55,509,523	<i>PRORS DIP</i>	Gene body/1st exon
cg19015611	2	71,126,446	<i>VAX2</i>	TSS1500
cg15921587	2	73,144,353	<i>EMX1</i>	TSS1500
cg02657641	2	79,366,059	<i>REG1P</i>	TSS1500
cg01287788	2	86,362,935	<i>SNORD94</i>	TSS200
cg25305879	2	106,814,630	N/A	

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg13134604	2	121,006,900	N/A	
cg03853134	2	122,494,799	<i>MKI67IP</i>	TSS1500
cg22196977	2	128,263,013	<i>IWS1</i>	Gene body
cg14910854	2	132,254,702	<i>LOC150776</i>	Gene body/1st intron
cg13896783	2	159,313,876	<i>PKP4</i>	Gene body/5'UTR/1st intron
cg12032648	2	166,676,897	N/A	
cg05961700	2	169,937,750	<i>DHRS9</i>	Gene body/5'UTR/1st intron
cg20144008	2	173,037,423	N/A	
cg27327370	2	192,746,685	N/A	
cg01779076	2	201,980,642	<i>CFLAR</i>	TSS1500
cg02772905	2	203,484,258	N/A	
cg26701810	2	232,523,418	N/A	
cg07797518	2	238,536,051	<i>LRRFIP1</i>	TSS200
cg12198254	3	11,521,788	<i>ATG7</i>	Gene body
cg21654379	3	32,864,307	<i>TRIM71</i>	Gene body/1st intron
cg09352908	3	37,017,749	N/A	
cg13003239	3	49,044,627	<i>WDR6</i>	TSS200
cg20724227	3	50,341,694	<i>HYAL1</i>	TSS1500
cg06183256	3	53,124,971	<i>RFT1</i>	Gene body/3'UTR
cg08081407	3	57,583,693	<i>ARF4</i>	TSS1500
cg07804735	3	113,157,476	<i>WDR52</i>	Gene body/5'UTR/1st intron
cg08830818	3	122,514,143	<i>DIRC2</i>	Gene body/1st exon
cg06821582	3	133,115,942	<i>TMEM108</i>	Gene body/3'UTR
cg10757852	3	141,319,363	<i>RASA2</i>	Gene body
cg00658085	3	149,701,119	N/A	
cg18185028	3	154,042,079	<i>DHX36</i>	Gene body/1st exon
cg04581293	3	156,889,197	N/A	
cg04876223	3	182,403,247	N/A	
cg10665123	3	192,271,706	<i>FGF12</i>	Gene body
cg05788437	3	197,476,880	<i>FYTTD1</i>	Gene body/1st exon
cg17030981	4	205,522	<i>ZNF876P</i>	TSS1500
cg24187971	4	1,628,352	N/A	
cg08332875	4	1,661,356	<i>FAM53A</i>	Gene body
cg03150409	4	1,892,317	<i>WHSC1</i>	Gene body/5'UTR/1st intron
cg20656751	4	2,061,512	<i>NAT8L</i>	Gene body/1st exon
cg10106725	4	3,071,494	<i>HTT-AS1</i>	Gene body
cg01959412	4	4,861,398	<i>MSX1</i>	Gene body/5'UTR/1st exon
cg11158902	4	6,536,914	<i>PPP2R2C</i>	Gene body
cg16571794	4	7,648,627	<i>SORCS2</i>	Gene body
cg21843114	4	26,334,859	<i>RBPJ</i>	Gene body/5'UTR/1st intron
cg12810548	4	53,579,237	<i>SNORA26</i>	TSS200
cg14606129	4	55,414,710	N/A	
cg25695041	4	68,567,439	<i>LOC550112</i>	Gene body/1st intron
cg21988461	4	88,008,667	<i>AFF1</i>	Gene body
cg17404403	4	110,737,017	<i>GARI</i>	Gene body/5'UTR/1st intron
cg14497545	4	140,754,475	<i>MAML3</i>	Gene body
cg16636571	4	144,939,574	<i>GYPB</i>	Gene body/1st intron
cg07661849	4	146,686,236	<i>ZNF827</i>	Gene body
cg14825729	4	147,866,863	<i>TTC29</i>	Gene body/5'UTR/1st exon
cg04069927	4	153,601,329	<i>TMEM154</i>	TSS200
cg23119967	4	164,110,821	N/A	
cg19145138	4	177,120,416	N/A	
cg04988918	4	178,366,394	N/A	

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg15285494	4	187,811,615	N/A	
cg16692538	5	1,848,046	N/A	
cg08650290	5	14,410,363	<i>TRIO</i>	Gene body
cg26330063	5	14,614,735	<i>FAM105A</i>	Gene body/3'UTR
cg18022036	5	19,288,941	N/A	
cg06536806	5	54,081,633	N/A	
cg06708122	5	64,969,231	<i>SGTB</i>	Gene body
cg04026000	5	79,628,372	N/A	
cg01419670	5	115,696,151	N/A	
cg02427576	5	125,808,164	<i>GRAMD3</i>	Gene body
cg07893230	5	138,089,096	<i>CTNNA1</i>	TSS200
cg11807153	5	140,098,496	<i>VTRNA1-2</i>	TSS200
cg19933985	5	141,739,077	N/A	
cg05714559	5	149,980,682	<i>SYNPO</i>	Gene body/5'UTR/1st exon
cg17462962	5	154,347,281	<i>MRPL22</i>	Gene body/3'UTR
cg12333707	5	172,199,303	<i>DUSP1</i>	TSS1500
cg05234035	5	172,673,203	N/A	
cg04234923	5	173,147,506	N/A	
cg12152193	5	175,954,583	<i>RNF44</i>	Gene body/3'UTR
cg24618378	5	177,614,217	<i>GMCLIP1</i>	Gene body/1st exon
cg01870519	6	693,728	<i>EXOC2</i>	TSS1500
cg09741240	6	3,000,097	<i>NQO2</i>	Gene body/5'UTR/1st exon
cg11754060	6	12,012,057	<i>HIVEP1</i>	TSS1500
cg08782481	6	27,839,916	<i>HIST1H3I</i>	Gene body/1st exon
cg19513374	6	28,962,971	<i>ZNF311</i>	Gene body
cg20235510	6	28,968,251	<i>ZNF311</i>	Gene body
cg25157107	6	28,979,424	N/A	
cg06868245	6	30,611,830	<i>ATAT1</i>	Gene body
cg09408780	6	30,898,937	N/A	
cg16500605	6	31,620,861	<i>BAG6</i>	TSS1500
cg22252462	6	31,622,318	<i>APOM</i>	TSS1500
cg14263351	6	32,030,890	<i>TNXB</i>	Gene body
cg14427382	6	32,847,112	N/A	
cg04762129	6	34,105,785	<i>GRM4</i>	Gene body/1st intron
cg26027052	6	36,821,364	N/A	
cg09113046	6	37,008,627	N/A	
cg09489757	6	41,006,345	<i>UNC5CL</i>	Gene body/5'UTR/1st intron
cg14047339	6	45,345,544	<i>SUPT3H</i>	Gene body/5'UTR/1st exon
cg02643778	6	47,281,183	N/A	
cg11227604	6	79,787,698	<i>PHIP</i>	Gene body/1st intron
cg15411280	6	84,747,508	<i>MRAP2</i>	Gene body/5'UTR/1st intron
cg24725337	6	89,717,866	N/A	
cg11070069	6	105,389,370	<i>LINC00577</i>	TSS1500
cg11010178	6	127,837,030	<i>SOGA3</i>	Gene body
cg23954724	6	167,032,443	<i>RPS6KA2</i>	Gene body/1st intron
cg25512188	6	167,093,321	<i>RPS6KA2</i>	Gene body
cg18011078	7	1,971,098	<i>MAD1L1</i>	Gene body
cg10616859	7	2,586,532	<i>BRATI</i>	Gene body
cg23738353	7	5,322,583	<i>SLC29A4</i>	Gene body/5'UTR/1st exon
cg24676244	7	11,872,050	<i>THSD7A</i>	TSS1500
cg11213199	7	43,909,298	<i>MRPS24</i>	TSS200
cg20706768	7	55,225,183	<i>EGFR</i>	Gene body
cg07516076	7	64,197,245	N/A	

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg00655923	7	64,895,418	N/A	
cg23472171	7	75,051,188	<i>POM121C</i>	Gene body
cg01219670	7	76,054,755	<i>ZP3</i>	Gene body/1st intron
cg02775353	7	101,814,109	<i>CUX1</i>	Gene body
cg02051077	7	131,241,343	<i>PODXL</i>	Gene body/5'UTR/1st exon
cg04205664	7	139,209,511	<i>CLEC2L</i>	Gene body/1st intron
cg25009327	7	148,820,504	<i>ZNF425</i>	Gene body/1st intron
cg08571764	7	148,884,735	N/A	
cg02158565	7	150,788,256	<i>AGAP3</i>	Gene body/1st intron
cg08499057	7	150,909,642	<i>ABCF2</i>	Gene body/3'UTR
cg13810766	7	151,542,452	<i>PRKAG2</i>	Gene body/1st intron
cg15470736	7	157,056,012	<i>UBE3C</i>	Gene body
cg05950192	8	1,207,710	N/A	
cg06463230	8	1,779,625	<i>ARHGEF10</i>	Gene body/5'UTR/1st intron
cg17057268	8	3,416,221	<i>CSMD1</i>	Gene body
cg06869039	8	12,838,022	<i>KIAA1456</i>	Gene body/5'UTR/1st intron
cg26725786	8	27,352,103	<i>EPHX2</i>	Gene body/5'UTR/1st intron
cg12445378	8	48,741,753	<i>PRKDC</i>	Gene body
cg07124229	8	53,866,529	N/A	
cg01994308	8	57,122,990	<i>PLAG1</i>	Gene body/5'UTR/1st intron
cg23402397	8	63,889,805	<i>UG0898H09</i>	TSS1500
cg07028249	8	66,758,368	N/A	
cg14039020	8	99,989,605	N/A	
cg07437919	8	142,234,483	<i>SLC45A4</i>	Gene body/1st intron
cg04490024	8	144,166,770	N/A	
cg10614773	8	144,668,349	<i>EEF1D</i>	Gene body
cg13598426	9	2,005,484	N/A	
cg14288292	9	15,232,014	<i>TTC39B</i>	Gene body/5'UTR/1st intron
cg14192188	9	135,586,036	N/A	
cg13471932	9	135,992,243	<i>RALGDS</i>	Gene body/1st intron
cg13560760	9	139,308,792	<i>PMPCA</i>	Gene body
cg13659914	9	139,420,642	<i>NOTCH1</i>	Gene body
cg14495033	9	140,707,378	<i>EHMT1</i>	Gene body
cg00863716	10	5,061,094	<i>AKRIC2</i>	TSS1500
cg27435660	10	5,935,953	<i>FBXO18</i>	TSS1500
cg25987208	10	8,079,618	N/A	
cg17428896	10	29,938,708	<i>SVIL</i>	Gene body/5'UTR
cg08933409	10	42,672,859	N/A	
cg13846998	10	45,406,295	<i>TMEM72</i>	TSS1500
cg08524474	10	49,813,208	<i>ARHGAP22</i>	TSS200
cg03768916	10	49,813,307	<i>ARHGAP22</i>	TSS200
cg04285493	10	57,361,794	N/A	
cg09521743	10	75,415,752	<i>SYNPO2L</i>	Gene body/5'UTR/1st exon
cg00745835	10	80,778,842	<i>ZMIZ1-AS1</i>	Gene body
cg02510736	10	81,205,445	<i>ZCCHC24</i>	TSS200
cg04582294	10	88,022,744	<i>GRID1</i>	Gene body
cg02732134	10	101,732,382	<i>DNMBP</i>	Gene body/5'UTR/1st intron
cg01320048	10	115,999,405	<i>VWA2</i>	Gene body/5'UTR/1st intron
cg03176729	10	124,222,607	<i>HTRA1</i>	Gene body/1st intron
cg04768425	10	124,222,884	<i>HTRA1</i>	Gene body/1st intron
cg06082548	10	134,598,908	<i>NKX6-2</i>	Gene body
cg14276515	11	325,364	N/A	

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg14067770	11	615,950	<i>IRF7</i>	Gene body/5'UTR/1st exon
cg21565415	11	618,993	<i>CDHR5</i>	Gene body
cg08206623	11	2,907,334	<i>CDKN1C</i>	TSS1500
cg18089569	11	14,996,490	N/A	
cg10633981	11	16,779,768	<i>C11orf58</i>	Gene body/3'UTR
cg18905668	11	18,388,147	<i>GTF2H1</i>	Gene body/3'UTR
cg14901205	11	43,602,017	<i>MIR129-2</i>	TSS1500
cg19527995	11	45,825,356	<i>SLC35C1</i>	TSS1500
cg01838971	11	45,825,448	<i>SLC35C1</i>	TSS200
cg27363529	11	45,825,469	<i>SLC35C1</i>	TSS200
cg09452027	11	45,825,483	<i>SLC35C1</i>	TSS200
cg17695841	11	45,825,485	<i>SLC35C1</i>	TSS200
cg23062006	11	46,940,220	<i>LRP4</i>	TSS200
cg12375876	11	64,689,457	N/A	
cg09202050	11	64,863,845	<i>VPS51</i>	Gene body/1st exon
cg17392047	11	65,247,138	N/A	
cg22870994	11	71,340,352	N/A	
cg07650712	11	75,876,135	N/A	
cg26952188	11	76,840,241	<i>MYO7A</i>	Gene body/5'UTR/1st intron
cg24240077	11	77,574,320	<i>AAMDC</i>	Gene body
cg20673919	11	125,702,313	<i>PATE4</i>	TSS1500
cg14319842	11	129,734,478	<i>NFRKB</i>	Gene body/3'UTR
cg19349861	11	133,402,246	<i>OPCML</i>	Gene body/5'UTR/1st exon
cg25884442	12	6,178,606	<i>VWF</i>	Gene body
cg01236961	12	6,289,370	N/A	
cg24122991	12	6,985,221	N/A	
cg05589762	12	10,469,147	<i>KLRD1</i>	Gene body/3'UTR
cg03258272	12	10,570,179	<i>KLRC3</i>	Gene body
cg18048953	12	12,867,753	N/A	
cg21268144	12	34,531,722	N/A	
cg07336754	12	48,921,782	<i>OR8S1</i>	Gene body
cg02308712	12	52,598,204	N/A	
cg23673344	12	53,162,748	<i>KRT76</i>	Gene body
cg00771490	12	65,008,851	<i>RASSF3</i>	Gene body/1st intron
cg01810623	12	68,592,757	N/A	
cg00236302	12	69,004,867	<i>RAP1B</i>	Gene body/5'UTR/1st intron
cg03909902	12	108,154,529	<i>PRDM4</i>	Gene body/5'UTR
cg20982606	12	109,535,391	<i>UNG</i>	TSS200
cg08114617	12	110,271,441	<i>TRPV4</i>	TSS1500
cg20090957	12	112,279,883	<i>MAPKAPK5</i>	TSS200
cg04951822	12	113,345,598	<i>OAS1</i>	Gene body/1st intron
cg01073178	12	117,537,710	<i>TESC</i>	TSS1500
cg08282784	12	121,454,133	<i>C12orf43</i>	Gene body/1st exon
cg19358664	12	125,348,552	<i>SCARB1</i>	TSS200
cg12951997	12	132,170,889	N/A	
cg07159286	12	133,779,169	<i>ZNF268</i>	Gene body
cg26015681	13	22,329,773	N/A	
cg00648883	13	32,524,761	<i>EEF1DP3</i>	Gene body
cg06648759	13	40,892,751	N/A	
cg14925260	13	48,807,254	<i>ITM2B</i>	TSS200
cg00521048	13	50,159,798	<i>RCBTB1</i>	TSS200
cg13473086	13	67,676,107	<i>PCDH9</i>	Gene body
cg11153485	13	110,431,612	<i>IRS2</i>	Gene body/1st intron
cg21518151	13	112,631,009	N/A	

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg08188555	14	23,448,951	<i>AJUBA</i>	Gene body/1st intron
cg13067221	14	23,449,582	<i>AJUBA</i>	Gene body/1st intron
cg13590711	14	30,440,498	N/A	
cg01659197	14	30,440,586	N/A	
cg12833168	14	39,856,160	N/A	
cg07449447	14	55,228,808	<i>SAMD4A</i>	Gene body
cg19502207	14	55,337,268	<i>GCH1</i>	Gene body/1st intron
cg19996654	14	56,403,510	N/A	
cg11036936	14	68,285,471	<i>RAD51B</i>	TSS1500
cg01775802	14	72,945,461	<i>RGS6</i>	Gene body
cg23395177	14	77,498,304	N/A	
cg03468541	14	89,029,199	<i>ZC3H14</i>	TSS200
cg11021810	14	89,720,620	<i>FOXN3</i>	Gene body
cg19904425	14	94,984,530	<i>SERPINA12</i>	TSS1500
cg08163906	14	102,227,932	<i>PPP2R5C</i>	TSS1500
cg08707819	14	103,059,391	<i>RCOR1</i>	Gene body/1st exon
cg21937244	14	103,406,412	<i>CDC42BPB</i>	Gene body
cg00470768	15	41,285,147	<i>INO80</i>	Gene body
cg24280607	15	41,709,584	<i>RTF1</i>	Gene body/1st intron
cg02852238	15	42,174,934	<i>SPTBN5</i>	Gene body
cg07467323	15	65,134,028	<i>PLEKHO2</i>	TSS200
cg05781996	15	65,481,537	N/A	
cg07576222	15	67,357,975	<i>SMAD3</i>	TSS1500
cg15888301	15	73,344,233	<i>NEO1</i>	TSS1500
cg12384499	15	89,949,617	N/A	
cg13417485	15	91,494,820	<i>UNC45A</i>	Gene body
cg04318546	15	101,147,087	<i>ASB7</i>	Gene body/5'UTR
cg09709592	16	2,580,833	<i>CEMP1</i>	Gene body/1st exon
cg02205746	16	2,732,724	<i>KCTD5</i>	Gene body/1st exon
cg04548722	16	4,844,753	<i>SMIM22</i>	TSS1500
cg10475689	16	12,142,335	<i>SNX29</i>	Gene body
cg09844907	16	15,489,619	<i>MPV17L</i>	Gene body/5'UTR/1st exon
cg09141413	16	19,896,246	<i>GPRC5B</i>	TSS200
cg26979044	16	25,045,552	N/A	
cg16362480	16	30,077,084	<i>ALDOA</i>	Gene body/5'UTR/1st exon
cg00192773	16	30,131,641	<i>MAPK3</i>	Gene body
cg16699818	16	48,479,333	N/A	
cg13373996	16	56,598,820	<i>MT4</i>	TSS200
cg01443318	16	67,466,260	<i>HSD11B2</i>	Gene body/1st intron
cg04458219	16	70,736,032	<i>VAC14</i>	Gene body
cg08213792	16	77,747,559	N/A	
cg07533100	16	83,967,363	N/A	
cg01684248	16	86,536,239	<i>FENDRR</i>	Gene body/1st intron
cg04176488	16	88,738,398	<i>SNAI3-AS1</i>	Gene body
cg12774921	16	89,608,299	<i>SPG7</i>	Gene body
cg07959380	16	89,894,648	<i>SPIRE2</i>	TSS1500
cg03321231	17	157,219	<i>RPH3AL</i>	Gene body
cg19105961	17	4,046,223	<i>ZZEF1</i>	Gene body/5'UTR/1st exon
cg27248073	17	6,347,727	<i>FAM64A</i>	TSS200
cg11555339	17	7,181,894	N/A	
cg11855759	17	9,548,802	<i>USP43</i>	TSS200
cg25365518	17	9,908,429	<i>GAS7</i>	Gene body
cg07138452	17	17,141,020	<i>FLCN</i>	TSS1500

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg14648311	17	17,359,737	N/A	
cg26849884	17	18,882,139	<i>FAM83G</i>	Gene body
cg09436495	17	25,691,027	N/A	
cg06361278	17	25,783,929	N/A	
cg26939204	17	27,343,779	N/A	
cg13069385	17	38,822,397	<i>KRT222</i>	TSS1500
cg23797200	17	40,174,494	<i>NKIRAS2</i>	Gene body
cg23353000	17	42,120,896	<i>LSM12</i>	Gene body
cg06437144	17	45,973,627	<i>SP2</i>	Gene body/5'UTR/1st exon
cg22435132	17	59,312,558	<i>BCAS3</i>	Gene body
cg22290140	17	76,417,995	<i>PGS1</i>	Gene body/3'UTR
cg25629442	17	77,070,844	<i>ENGASE</i>	TSS200
cg08109808	17	78,029,642	<i>CCDC40</i>	Gene body
cg10632328	17	78,389,079	<i>LOC100294362</i>	TSS200
cg11048797	17	80,450,903	N/A	
cg08040148	17	81,018,426	N/A	
cg25270498	17	81,037,414	<i>METRNL</i>	TSS200
cg01249134	18	577,110	N/A	
cg06808467	18	5,237,767	<i>LINC00526</i>	Gene body/1st exon
cg16615927	18	12,377,398	<i>AFG3L2</i>	TSS200
cg25824760	18	14,748,128	<i>ANKRD30B</i>	TSS200
cg18038361	18	29,170,604	<i>TTR</i>	TSS1500
cg05732725	18	59,712,034	<i>PIGN</i>	Gene body/3'UTR
cg20390253	18	77,793,812	<i>RBFA</i>	TSS1500
cg25538450	19	1,847,778	<i>REXO1</i>	Gene body/1st intron
cg14679780	19	4,059,525	<i>ZBTB7A</i>	Gene body/5'UTR/1st intron
cg01308806	19	4,276,778	N/A	
cg13461178	19	4,583,451	N/A	
cg09790117	19	5,476,214	N/A	
cg23084309	19	6,280,164	<i>MLL1</i>	TSS1500
cg09112613	19	8,563,861	<i>PRAMI</i>	Gene body
cg22883353	19	10,377,615	N/A	
cg06862696	19	11,470,209	<i>LPPR2</i>	Gene body
cg04364726	19	21,512,166	<i>ZNF708</i>	Gene body/5'UTR/1st exon
cg07783291	19	33,178,679	N/A	
cg14554776	19	35,772,657	<i>HAMP</i>	TSS1500
cg14946950	19	36,023,909	<i>GAPDHS</i>	TSS1500
cg05910615	19	36,248,877	<i>PROSER3</i>	TSS200
cg06684987	19	45,567,721	<i>CLASRP</i>	Gene body
cg07738077	19	53,303,448	<i>ZNF28</i>	Gene body
cg25252777	19	56,709,056	N/A	
cg14398557	20	1,095,840	<i>PSMF1</i>	Gene body/5'UTR/1st intron
cg22876894	20	1,783,624	N/A	
cg06797543	20	29,608,500	N/A	
cg03027241	20	49,620,453	<i>KCNG1</i>	Gene body/3'UTR
cg13021192	20	57,582,213	<i>CTSZ</i>	Gene body/5'UTR/1st exon
cg21407906	20	61,427,925	<i>MRGBP</i>	Gene body/1st exon
cg01573175	20	62,381,851	<i>ZBTB46</i>	Gene body
cg01198024	21	33,672,713	<i>MRAP</i>	Gene body
cg17499729	21	37,504,755	<i>CBR3-ASI</i>	Gene body
cg23322242	21	37,802,565	N/A	
cg21655830	21	44,899,410	<i>LINC00313</i>	TSS1500
cg11381792	21	45,432,451	<i>TRAPPC10</i>	Gene body/1st intron
cg22226852	21	46,523,156	<i>ADARB1</i>	Gene body/5'UTR/1st intron

Target ID ^a	Chromosome	Position ^b	Gene symbol ^c	Gene region ^d
cg05998816	21	47,859,926	<i>PCNT</i>	Gene body
cg05367846	22	18,507,520	<i>MICAL3</i>	TSS200
cg18631743	22	20,104,954	<i>RANBP1</i>	Gene body/5'UTR/1st exon
cg04971769	22	22,843,648	<i>ZNF280B</i>	Gene body
cg23113715	22	25,800,663	N/A	
cg15606745	22	37,005,514	<i>CACNG2</i>	Gene body/1st intron
cg24260710	22	42,296,082	<i>MIR33A</i>	TSS1500
cg18565915	22	42,489,574	<i>NDUFA6-ASI</i>	Gene body
cg09020181	22	46,467,123	N/A	
cg20769334	22	50,913,335	<i>SBF1</i>	Gene body/5'UTR/1st exon
cg25152348	22	50,946,712	<i>NCAPH2</i>	Gene body/5'UTR/1st exon

^aProbe ID of the Infinium HumanMethylation450 BeadChip. ^bNational Center for Biotechnology Information (NCBI) database (Genome Build 37). ^cN/A, not annotated (designed for the intergenic regions). ^dProbe CpG sites were annotated as the region from 200 bp upstream of the transcription start site (TSS) to 1500 bp upstream of it (TSS1500), the region from TSS to 200 bp upstream of TSS (TSS200), the 5' untranslated region (UTR), the 1st exon, the 1st intron, the gene body and the 3'UTR based on the UCSC Genome Browser (<https://genome.ucsc.edu/>).