

**Supplemental Table S1**  
**Genomic regions selected for C57BL/6-BALB/c DMR screening**

<b>Gene Symbol</b>	<b>Genomic Location (mm8 Assembly)</b>	<b>Region Size</b>
<i>Tmem14a/Gsta3</i>	chr1:21175070-21265070	90000
<i>Prim2</i>	chr1:33353488-33657701	304213
<i>Chst10</i>	chr1:38765658-38877701	112043
<i>2810022L02Rik/Kctd18</i>	chr1:57667722-57937906	270184
<i>Serpinb10</i>	chr1:109300970-109410970	110000
<i>Marco</i>	chr1:122250969-122380969	130000
<i>Ctse/5430435G22Rik</i>	chr1:133440969-133560969	120000
<i>Qsox1 (Qscn6)</i>	chr1:157505088-157615088	110000
<i>Rfwd2</i>	chr1:161011546-161236546	225000
<i>Cd244/Ly9/SlamF7</i>	chr1:173372619-173530408	157789
<i>Aim2 (Gm1313)</i>	chr1:175248822-175352711	103889
<i>Ifi202b</i>	chr1:175779250-175898466	119216
<i>Usp6nl</i>	chr2:6194226-6411092	216866
<i>Ssb</i>	chr2:69633467-69703643	70176
<i>Gchfr</i>	chr2:118831229-118890830	59601
<i>Spint1</i>	chr2:118890918-118975954	85036
<i>Tmem87a</i>	chr2:120020705-120135705	115000
<i>Sord</i>	chr2:121881280-121980778	99498
<i>Il1b</i>	chr2:129006032-129112561	106529
<i>Slc13a3</i>	chr2:165061308-165201402	140094
<i>Col20a1</i>	chr2:180896703-180996948	100245
<i>Postn</i>	chr3:54409054-54528961	119907
<i>5830417I10Rik</i>	chr3:88835975-88948905	112930
<i>Chi3l3/Chi3l4</i>	chr3:106245610-106405138	159528
<i>D3Bwg0562e</i>	chr3:117261149-117402880	141731
<i>Ank2</i>	chr3:126874104-127524104	650000
<i>Dkk2</i>	chr3:131974607-132167610	193003
<i>Gbp1</i>	chr3:142392233-142606562	214329
<i>Ifi44/H28</i>	chr3:151618310-151734422	116112
<i>Coro2a</i>	chr4:46525228-46668228	143000
<i>Ptprd</i>	chr4:75330613-76115327	784714
<i>Fggy (2310009E04Rik)</i>	chr4:95005807-95450953	445146
<i>Skint3 (A430090E18Rik)</i>	chr4:111680177-111848400	168223
<i>Tie1</i>	chr4:117945964-118024781	78817
<i>Zfp69</i>	chr4:120394772-120485053	90281
<i>Fam46b (4732473B16Rik)</i>	chr4:132702209-132797015	94806
<i>C1qb</i>	chr4:136111222-136201253	90031
<i>Padi4</i>	chr4:139981584-140156279	174695
<i>Fblim1</i>	chr4:140812020-140903161	91141
<i>2610305D13Rik</i>	chr4:146416268-146536308	120040
<i>Angptl7</i>	chr4:147289080-147394262	105182
<i>Prdm16</i>	chr4:153079925-153530673	450748
<i>Mmel1</i>	chr4:153676058-153769691	93633
<i>Abhd1</i>	chr5:31199647-31249676	50029
<i>A930005I04Rik</i>	chr5:35197772-35279696	81924
<i>Pi4k2b</i>	chr5:52979822-53082588	102766
<i>Uchl1</i>	chr5:66906028-67016369	110341
<i>9430027B09Rik(AK020441)</i>	chr5:67638314-67688271	49957
<i>Pkd2</i>	chr5:104676856-104787118	110262
<i>Ccl24</i>	chr5:135819207-135907670	88463

**Supplemental Table S1 (continued)**  
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<i>4921520G13Rik</i>	chr5:144115000-144185000	70000
<i>Sgce</i>	chr6:4578612-4747100	168488
<i>Ppp1r9a</i>	chr6:4803428-5166532	363104
<i>Asb4</i>	chr6:5290427-5433021	142594
<i>Smo</i>	chr6:29650513-29741369	90856
<i>Fam115a (3321401G04Rik)</i>	chr6:42564846-42689678	124832
<i>Atp6v0e2</i>	chr6:48440201-48490384	50183
<i>Magi1</i>	chr6:93590731-94299367	708636
<i>Dppa3</i>	chr6:122556043-122635890	79847
<i>Klrk1</i>	chr6:129547265-129609534	62269
<i>Klra21</i>	chr6:130010920-130173550	162630
<i>Dusp16</i>	chr6:134629170-134807675	178505
<i>Pde6h</i>	chr6:136890719-136977679	86960
<i>Eps8l1</i>	chr7:4031936-4102329	70393
<i>Isoc2b</i>	chr7:4398047-4511485	113438
<i>Gpr77</i>	chr7:15363248-15438676	75428
<i>Ryr1</i>	chr7:28673943-28873741	199798
<i>Zfp74</i>	chr7:29604551-29703741	99190
<i>Dmkn</i>	chr7:30449165-30523818	74653
<i>Pop4</i>	chr7:37931908-38030436	98528
<i>Rcn3</i>	chr7:44922955-44993196	70241
<i>Kcnj14</i>	chr7:45664509-45712789	48280
<i>Snrpn</i>	chr7:59811452-60379127	567675
<i>Hddc3</i>	chr7:80189650-80259610	69960
<i>Mesdc2</i>	chr7:83718442-83817717	99275
<i>Dgat2</i>	chr7:98998855-99094905	96050
<i>Trim12/A530023014Rik</i>	chr7:104137416-104293705	156289
<i>Thumpd1</i>	chr7:119488373-119552914	64541
<i>Crym</i>	chr7:119938287-120028137	89850
<i>Il21r</i>	chr7:125344625-125452718	108093
<i>H19</i>	chr7:142330097-142530245	200148
<i>Tspan32</i>	chr7:142765081-142859034	93953
<i>Cd209a</i>	chr8:3703397-3798930	95533
<i>Gdf15</i>	chr8:73530382-73585445	55063
<i>Cyp4f18</i>	chr8:74880471-74985606	105135
<i>Arl2bp</i>	chr8:97536235-97583551	47316
<i>Slc7a5</i>	chr8:124717240-124823762	106522
<i>Pgbd5</i>	chr8:127225139-127370026	144887
<i>Thy1</i>	chr9:43744379-43829574	85195
<i>Amica1</i>	chr9:44804941-44888846	83905
<i>Ttc12</i>	chr9:49144191-49278455	134264
<i>Sik1 (Snf1lk)</i>	chr9:50599125-50804125	205000
<i>9830163H01Rik</i>	chr9:51776244-51870405	94161
<i>Mns1</i>	chr9:72187100-72307141	120041
<i>Rab6b</i>	chr9:102930224-103076420	146196
<i>Camp</i>	chr9:109684793-109736865	52072
<i>Vill</i>	chr9:118883109-118950024	66915
<i>Cck</i>	chr9:121308523-121394360	85837
<i>Ppp1r14c</i>	chr10:6820000-7032000	212000
<i>Lats1/Zc3h12d</i>	chr10:7350392-7600392	250000

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<b>Gene Symbol</b>	<b>Genomic Location (mm8 Assembly)</b>	<b>Region Size</b>
<i>Ltb</i>	chr17:34786107-34829107	43000
<i>Rcan2 (Dscr111)</i>	chr17:43214106-43541106	327000
<i>Guca1a</i>	chr17:46836242-46881242	45000
<i>Fzd8</i>	chr18:9162918-9264975	102057
<i>Colec12</i>	chr18:9657675-9927990	270315
<i>Slc27a6</i>	chr18:58631609-58780715	149106
<i>Pdgfrb</i>	chr18:61145715-61235715	90000
<i>Kcnk7</i>	chr19:5680000-5725000	45000
<i>Best1(Vmd2)</i>	chr19:10002219-10098259	96040
<i>Gcnt1</i>	chr19:17343162-17489863	146701
<i>Tjp2</i>	chr19:24112607-24341607	229000
<i>Kank1 (Ankrd15)</i>	chr19:25257607-25550607	293000
<i>Ppp1r2</i>	chr19:30554873-30641507	86634
<i>D19Ertd652e</i>	chr19:47803821-48003821	200000
<i>3110007F17Rik</i>	chrX:119170503-119310237	139734
<i>Casp8*</i>	chr1:58,690,040-58,841,559	151519
<i>Ly96</i>	chr1:16,633,670-16,740,819	107149
<i>Cebpb</i>	chr2:167,330,172-167,421,592	91420
<i>Psm7</i>	chr2:179,920,784-180,011,810	91026
<i>Creb3</i>	chr4:43,546,778-43,630,964	84186
<i>S100pbp</i>	chr4:128,620,129-128,730,786	110657
<i>Clec4a2</i>	chr6:123,039,011-123,150,618	111607
<i>Cebpa</i>	chr7:34,778,063-34,880,686	102623
<i>Tmem184c (Tmem34)</i>	chr8:80,452,004-80,556,693	104689
<i>Egr2</i>	chr10:66,883,235-66,987,541	104306
<i>Lrp1</i>	chr10:126,895,143-127,065,000	169857
<i>Pax9</i>	chr12:57,562,909-57,680,019	117110
<i>Jarid2</i>	chr13:44,691,875-44,981,947	290072
<i>Cebpd</i>	chr16:15,755,864-15,853,123	97259
<i>Mapk1</i>	chr16:16,850,945-17,023,015	172070
<i>Psmb9</i>	chr17:33,752,387-33,837,618	85231

\* Control loci are boxed in light green.