

Before | - regulator levels

After | - regulate level

Golph2

0 | 0

1 | 1

Zc3h11a

0 0 0 0 | 0

1 0 0 0 | 1

0 1 0 0 | 1

1 1 0 0 | 1

0 0 1 0 | 0

1 0 1 0 | 1

0 1 1 0 | 0

1 1 1 0 | 1

0 0 0 1 | 0

1 0 0 1 | 1

0 1 0 1 | 0

1 1 0 1 | 1

0 0 1 1 | 0

1 0 1 1 | 1

0 1 1 1 | 0

1 1 1 1 | 1

Ncl

0 | 1

1 | 0

Trim28

0 0 | 0

1 0 | 0

0 1 | 1

1 1 | 0

Pdcd6ip

0 | 0

1 | 1

Marcks

0 | 0

1 | 1

Ass1

0 | 1

1 | 0

Apod

0 0 | 0

1 0 | 0

0 1 | 1

1 1 | 0

Mov10

0 0 0 0 0 | 1

1 0 0 0 0 | 0

0 1 0 0 0 | 1

1 1 0 0 0 | 1

0 0 1 0 0 | 0

1 0 1 0 0 | 0

0 1 1 0 0 | 0

1 1 1 0 0 | 0

00010 | 1

10010 | 0

01010 | 1

11010 | 1

00110 | 0

10110 | 1

01110 | 1

11110 | 1

00001 | 0

10001 | 0

01001 | 1

11001 | 0

00101 | 0

10101 | 0

01101 | 1

11101 | 0

00011 | 0

10011 | 0

01011 | 1

11011 | 0

00111 | 0

10111 | 0

01111 | 0

11111 | 0

Ulk1

0 | 1

1 | 0

Dppa5

0 | 1

1 | 0

Bad

0 | 1

1 | 0

Ruvbl1

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Sparc

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Id3

0 | 0

1 | 1

Htra1

0 | 0

1 | 1

Bnip3l

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Sox2

0 0 0 | 1

1 0 0 | 0

0 1 0 | 1

1 1 0 | 0

0 0 1 | 1

1 0 1 | 1

0 1 1 | 1

1 1 1 | 0

Msh2

0 0 0 0 | 1

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 0

0 1 1 0 | 0

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 0

1 1 0 1 | 0

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 1

Hspb8

0 0 | 0

1 0 | 1

0 1 | 1

1 1 | 1

Mycn

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Galk1

0 | 0

1 | 1

Sertad2

0 | 0

1 | 1

Wdr12

0 0 0 0 | 0

1 0 0 0 | 0

0 1 0 0 | 1

1 1 0 0 | 1

0 0 1 0 | 0

1 0 1 0 | 0

0 1 1 0 | 1

1 1 1 0 | 0

0 0 0 1 | 0

1 0 0 1 | 0

0 1 0 1 | 1

1 1 0 1 | 1

0 0 1 1 | 0

1 0 1 1 | 0

0 1 1 1 | 0

1 1 1 1 | 0

Rcor2

0 0 0 0 | 0

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 0

0 1 1 0 | 1

1 1 1 0 | 0

0 0 0 1 | 0

1 0 0 1 | 0

0 1 0 1 | 0

1 1 0 1 | 0

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 0

Fxyd6

0 | 0

1 | 1

Slc7a7

0 0 0 0 0 | 0

10000|0

01000|0

11000|1

00100|0

10100|0

01100|1

11100|0

00010|1

10010|1

01010|1

11010|1

00110|1

10110|1

01110|1

11110|1

00001|0

10001|0

01001|0

11001|0

00101|0

10101|0

01101|0

11101|0

00011|1

10011|1

01011|1

11011|1

0 0 1 1 1 | 0

1 0 1 1 1 | 0

0 1 1 1 1 | 0

1 1 1 1 1 | 0

Klf4

0 0 0 | 1

1 0 0 | 1

0 1 0 | 0

1 1 0 | 1

0 0 1 | 0

1 0 1 | 1

0 1 1 | 0

1 1 1 | 0

Rai14

0 | 1

1 | 0

Elovl6

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Ifitm2

0 | 1

1 | 0

Sdc4

0 | 1

1 | 0

Dax1

0 0 0 | 0

1 0 0 | 1

0 1 0 | 0

1 1 0 | 1

0 0 1 | 0

1 0 1 | 1

0 1 1 | 0

1 1 1 | 0

Pou5f1

0 0 0 | 1

1 0 0 | 0

0 1 0 | 1

1 1 0 | 1

0 0 1 | 0

1 0 1 | 0

0 1 1 | 1

1 1 1 | 0

Cidea

0 | 1

1 | 0

Ptges

0 | 1

1 | 0

Acot9

0 0 | 1

1 0 | 1

0 1 | 1

1 1 | 0

Tcfcp2l1

0 0 0 | 0

1 0 0 | 0

0 1 0 | 1

1 1 0 | 1

0 0 1 | 1

1 0 1 | 0

0 1 1 | 1

1 1 1 | 0

Rbpsuh

0 | 0

1 | 1

Chga

0 0 0 | 1

1 0 0 | 0

0 1 0 | 1

1 1 0 | 1

0 0 1 | 0

1 0 1 | 0

0 1 1 | 1

1 1 1 | 0

Klf6

0 | 0

1 | 1

Epb4.1l4b

0 | 0

1 | 1

Tmem8

00 | 1

10 | 0

01 | 0

11 | 0

Zfp42

0000 | 0

1000 | 0

0100 | 0

1100 | 0

0010 | 0

1010 | 0

0110 | 0

1110 | 0

0001 | 1

1001 | 1

0101 | 1

1101 | 1

0011 | 1

1011 | 0

0111 | 1

1111 | 1

Fgf15

0000 | 0

1000 | 0

0100|0

1100|0

0010|0

1010|0

0110|0

1110|0

0001|1

1001|0

0101|1

1101|0

0011|1

1011|1

0111|1

1111|0

Gng2

0|1

1|0

Mfap5

0|0

1|1

Serbp1

0000|0

1000|1

0100|0

1100|1

0010|0

1010|1

0 1 1 0 | 0

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 1

1 1 0 1 | 1

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 0

1 1 1 1 | 1

Ube2h

0 0 0 | 0

1 0 0 | 0

0 1 0 | 1

1 1 0 | 0

0 0 1 | 1

1 0 1 | 0

0 1 1 | 1

1 1 1 | 0

Arc

0 0 0 0 | 1

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 0

0 1 1 0 | 1

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 0

0 1 0 1 | 1

1 1 0 1 | 0

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 0

Itgb7

0 0 0 | 1

1 0 0 | 0

0 1 0 | 1

1 1 0 | 0

0 0 1 | 1

1 0 1 | 0

0 1 1 | 0

1 1 1 | 0

Fgfbp1

0 | 0

1 | 1

Spnb2

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Gpa33

0 | 1

1 | 0

Egfl6

0 | 0

1 | 1

Slc15a1

0 | 0

1 | 1

Zfp423

0 | 0

1 | 1

Tle3

0 | 0

1 | 1

Akap12

0 | 1

1 | 0

Myo5a

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Suz12

0 | 0

1 | 1

Fgf4

0 0 0 0 0 | 0

10000|0

01000|0

11000|1

00100|0

10100|0

01100|0

11100|0

00010|1

10010|1

01010|1

11010|1

00110|1

10110|1

01110|1

11110|1

00001|0

10001|0

01001|0

11001|0

00101|0

10101|0

01101|0

11101|0

00011|1

10011|0

01011|0

11011|0

0 0 1 1 1 | 1

1 0 1 1 1 | 0

0 1 1 1 1 | 0

1 1 1 1 1 | 0

Pa2g4

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Gbx2

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Sgce

0 0 | 1

1 0 | 0

0 1 | 1

1 1 | 1

Nptx2

0 0 0 | 0

1 0 0 | 0

0 1 0 | 0

1 1 0 | 0

0 0 1 | 1

1 0 1 | 0

0 1 1 | 1

1 1 1 | 1

Fgfr2

0 0 | 0

1 0 | 1

0 1 | 1

1 1 | 1

Etv5

0 0 0 0 0 | 0

1 0 0 0 0 | 0

0 1 0 0 0 | 0

1 1 0 0 0 | 0

0 0 1 0 0 | 1

1 0 1 0 0 | 0

0 1 1 0 0 | 1

1 1 1 0 0 | 1

0 0 0 1 0 | 1

1 0 0 1 0 | 0

0 1 0 1 0 | 1

1 1 0 1 0 | 1

0 0 1 1 0 | 1

1 0 1 1 0 | 1

0 1 1 1 0 | 1

1 1 1 1 0 | 1

0 0 0 0 1 | 0

1 0 0 0 1 | 0

0 1 0 0 1 | 0

1 1 0 0 1 | 0

00101 | 0

10101 | 0

01101 | 0

11101 | 0

00011 | 0

10011 | 0

01011 | 0

11011 | 0

00111 | 1

10111 | 1

01111 | 1

11111 | 1

Rybp

0 | 0

1 | 1

Pvr13

0 | 1

1 | 0

LIF

0 | 1

1 | 0

Car13

0 | 1

1 | 0

Spry2

0 | 0

1 | 1

Spry4

0 0 | 0

1 0 | 0

0 1 | 0

1 1 | 1

Ptpn12

0 | 0

1 | 1

Nphs1

0 0 0 0 | 0

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 0

0 1 1 0 | 1

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 1

1 1 0 1 | 0

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 0

Foxd3

0 0 0 0 | 1

1000|0

0100|0

1100|0

0010|1

1010|0

0110|1

1110|0

0001|1

1001|0

0101|1

1101|0

0011|1

1011|1

0111|1

1111|0

Foxh1

0|1

1|0

Tgif

0000|0

1000|1

0100|1

1100|1

0010|0

1010|0

0110|1

1110|1

0001|0

1001|0

0101|0

1101|1

0011|0

1011|0

0111|0

1111|1

Tcl1

0000|1

1000|0

0100|0

1100|0

0010|0

1010|0

0110|0

1110|0

0001|1

1001|0

0101|1

1101|1

0011|1

1011|0

0111|1

1111|0

Zfp36l1

0|1

1 | 0

Niban

00 | 0

10 | 1

01 | 1

11 | 0

Tmem45a

0000 | 1

1000 | 0

0100 | 1

1100 | 1

0010 | 0

1010 | 0

0110 | 1

1110 | 0

0001 | 1

1001 | 0

0101 | 1

1101 | 1

0011 | 1

1011 | 0

0111 | 1

1111 | 1

Jarid2

0 | 0

1 | 1

Zap70

0 | 1

1 | 0

Xrn2

0 | 0

1 | 1

Esrb

0 0 0 | 0

1 0 0 | 1

0 1 0 | 1

1 1 0 | 1

0 0 1 | 0

1 0 1 | 1

0 1 1 | 0

1 1 1 | 1

Ntn1

0 | 1

1 | 0

Pim1

0 0 0 0 0 | 0

1 0 0 0 0 | 0

0 1 0 0 0 | 1

1 1 0 0 0 | 1

0 0 1 0 0 | 0

1 0 1 0 0 | 0

0 1 1 0 0 | 0

1 1 1 0 0 | 1

0 0 0 1 0 | 1

10010 | 1

01010 | 1

11010 | 1

00110 | 0

10110 | 0

01110 | 1

11110 | 1

00001 | 0

10001 | 0

01001 | 0

11001 | 1

00101 | 0

10101 | 0

01101 | 0

11101 | 1

00011 | 1

10011 | 0

01011 | 1

11011 | 1

00111 | 0

10111 | 0

01111 | 0

11111 | 0

Schip1

000 | 0

100 | 1

010 | 1

1 1 0 | 1

0 0 1 | 0

1 0 1 | 0

0 1 1 | 0

1 1 1 | 1

Rad51c

0 0 | 1

1 0 | 0

0 1 | 1

1 1 | 1

Dnmt3a

0 | 1

1 | 0

Avpi1

0 | 1

1 | 0

Phc1

0 0 0 0 | 1

1 0 0 0 | 1

0 1 0 0 | 1

1 1 0 0 | 0

0 0 1 0 | 0

1 0 1 0 | 0

0 1 1 0 | 0

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0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 1

1 1 0 1 | 1

0 0 1 1 | 0

1 0 1 1 | 0

0 1 1 1 | 0

1 1 1 1 | 0

Syt9

0 | 1

1 | 0

4930517K11Rik

0 | 1

1 | 0

Myst4

0 | 1

1 | 0

2310057D15Rik

0 0 0 0 | 1

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 0

1 0 1 0 | 0

0 1 1 0 | 0

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 0

1 1 0 1 | 0

0 0 1 1 | 0

1 0 1 1 | 1

0 1 1 1 | 0

1 1 1 1 | 0

lfitm3

0 0 0 0 0 0 | 1

1 0 0 0 0 0 | 1

0 1 0 0 0 0 | 1

1 1 0 0 0 0 | 1

0 0 1 0 0 0 | 1

1 0 1 0 0 0 | 1

0 1 1 0 0 0 | 0

1 1 1 0 0 0 | 0

0 0 0 1 0 0 | 1

1 0 0 1 0 0 | 1

0 1 0 1 0 0 | 1

1 1 0 1 0 0 | 0

0 0 1 1 0 0 | 1

1 0 1 1 0 0 | 1

0 1 1 1 0 0 | 0

1 1 1 1 0 0 | 0

0 0 0 0 1 0 | 1

1 0 0 0 1 0 | 1

0 1 0 0 1 0 | 1

1 1 0 0 1 0 | 0

0 0 1 0 1 0 | 1

101010|0
011010|0
111010|0
000110|1
100110|1
010110|0
110110|0
001110|0
101110|0
011110|0
111110|0
000001|1
100001|1
010001|0
110001|1
001001|1
101001|1
011001|0
111001|0
000101|1
100101|1
010101|1
110101|0
001101|1
101101|1
011101|0
111101|0

000011 | 1

100011 | 1

010011 | 0

110011 | 0

001011 | 0

101011 | 0

011011 | 0

111011 | 0

000111 | 1

100111 | 1

010111 | 0

110111 | 0

001111 | 0

101111 | 1

011111 | 0

111111 | 0

Prkag2

00 | 0

10 | 1

01 | 0

11 | 0

0610039P13Rik

0 | 1

1 | 0

Bub1

0 | 1

1 | 0

Glo1

0 | 1

1 | 0

6530411B15Rik

0 | 0

1 | 1

Sall4

0 0 0 | 1

1 0 0 | 0

0 1 0 | 1

1 1 0 | 1

0 0 1 | 0

1 0 1 | 0

0 1 1 | 0

1 1 1 | 0

Ddx27

0 0 0 0 | 1

1 0 0 0 | 0

0 1 0 0 | 1

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 0

0 1 1 0 | 1

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 0

0 1 0 1 | 1

1 1 0 1 | 1

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 1

Nup93

0 0 0 | 0

1 0 0 | 0

0 1 0 | 1

1 1 0 | 0

0 0 1 | 1

1 0 1 | 0

0 1 1 | 1

1 1 1 | 0

Dppa3

0 | 1

1 | 0

Zfp219

0 | 1

1 | 0

Asrgl1

0 | 1

1 | 0

Msrb2

0 | 1

1 | 0

Jmjd2c

0 | 0

1 | 1

Bbs2

00000 | 1

10000 | 1

01000 | 1

11000 | 1

00100 | 1

10100 | 1

01100 | 0

11100 | 1

00010 | 0

10010 | 1

01010 | 0

11010 | 1

00110 | 0

10110 | 1

01110 | 1

11110 | 1

00001 | 0

10001 | 1

01001 | 0

11001 | 0

00101 | 0

10101 | 0

01101 | 0

11101 | 0

0 0 0 1 1 | 0

1 0 0 1 1 | 1

0 1 0 1 1 | 0

1 1 0 1 1 | 0

0 0 1 1 1 | 0

1 0 1 1 1 | 1

0 1 1 1 1 | 0

1 1 1 1 1 | 0

2410005H09Rik

0 0 0 | 0

1 0 0 | 0

0 1 0 | 0

1 1 0 | 1

0 0 1 | 0

1 0 1 | 0

0 1 1 | 1

1 1 1 | 0

Gprc5b

0 | 1

1 | 0

Rpp40

0 | 1

1 | 0

Rnf2

0 | 1

1 | 0

Myc

0 | 0

1 | 1

Siglec5

0 | 0

1 | 1

Zfp106

0 | 0

1 | 1

BC004728

0 0 0 0 | 1

1 0 0 0 | 0

0 1 0 0 | 1

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 0

0 1 1 0 | 0

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 1

1 1 0 1 | 0

0 0 1 1 | 0

1 0 1 1 | 0

0 1 1 1 | 1

1 1 1 1 | 0

Cry1

0 | 1

1 | 0

D11Ert636e

0 | 1

1 | 0

Rest

0 0 | 1

1 0 | 1

0 1 | 1

1 1 | 0

Spin

0 | 1

1 | 0

Tle4

0 | 1

1 | 0

Zic5

0 0 | 0

1 0 | 0

0 1 | 0

1 1 | 1

Syk

0 | 1

1 | 0

Klf9

0 | 1

1 | 0

Otx2

0 0 | 0

1 0 | 0

0 1 | 1

1 1 | 0

Kras

0 | 1

1 | 0

Nefl

0 | 1

1 | 0

Sars1

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Tcf3

0 | 1

1 | 0

Zfp281

0 | 0

1 | 1

Neurod1

0 0 0 0 | 0

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 0

1 0 1 0 | 0

0 1 1 0 | 0

1 1 1 0 | 0

0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 1

1 1 0 1 | 0

0 0 1 1 | 1

1 0 1 1 | 0

0 1 1 1 | 1

1 1 1 1 | 0

Rg9mtd3

0 | 1

1 | 0

Trp53

0 0 0 0 | 0

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 1

0 1 1 0 | 1

1 1 1 0 | 1

0 0 0 1 | 1

1 0 0 1 | 1

0 1 0 1 | 1

1 1 0 1 | 0

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 1

Fbxo22

0 0 | 0

1 0 | 0

0 1 | 1

1 1 | 0

Crtac1

0 | 0

1 | 1

Nov

0 | 1

1 | 0

0610010D24Rik

0 | 1

1 | 0

Hmgcr

0 | 1

1 | 0

Ttpa

0 | 1

1 | 0

Ryr1

0 | 0

1 | 1

Lrrc2

0 | 1

1 | 0

Cradd

0 0 0 | 0

1 0 0 | 0

0 1 0 | 1

1 1 0 | 0

0 0 1 | 1

1 0 1 | 0

0 1 1 | 1

1 1 1 | 0

Abcd4

0 | 0

1 | 1

Rab12

0 | 1

1 | 0

Zfx

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Cdca7

0 0 0 0 | 1

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 1

1 0 1 0 | 0

0 1 1 0 | 0

1 1 1 0 | 0

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1 0 0 1 | 1

0 1 0 1 | 0

1 1 0 1 | 0

0 0 1 1 | 1

1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 0

Ddit4

0 | 1

1 | 0

Basp1

0 | 0

1 | 1

Nanog

0 0 | 1

1 0 | 1

0 1 | 0

1 1 | 1

Rif1

0 | 0

1 | 1

Jam2

0000|0

1000|0

0100|0

1100|0

0010|0

1010|1

0110|0

1110|0

0001|1

1001|1

0101|0

1101|0

0011|1

1011|1

0111|1

1111|1

Pdcl2

000|0

100|0

010|0

110|1

001|0

101|0

011|1

111|1

Mcm10

0 | 0

1 | 1

Tcf7

0000 | 0

1000 | 0

0100 | 0

1100 | 0

0010 | 1

1010 | 1

0110 | 0

1110 | 0

0001 | 1

1001 | 1

0101 | 0

1101 | 0

0011 | 1

1011 | 1

0111 | 1

1111 | 0

Ndg2

00000 | 0

10000 | 0

01000 | 0

11000 | 1

00100 | 0

10100 | 0

01100 | 0

1 1 1 0 0 | 0

0 0 0 1 0 | 1

1 0 0 1 0 | 1

0 1 0 1 0 | 1

1 1 0 1 0 | 1

0 0 1 1 0 | 1

1 0 1 1 0 | 1

0 1 1 1 0 | 1

1 1 1 1 0 | 1

0 0 0 0 1 | 0

1 0 0 0 1 | 0

0 1 0 0 1 | 0

1 1 0 0 1 | 0

0 0 1 0 1 | 0

1 0 1 0 1 | 0

0 1 1 0 1 | 0

1 1 1 0 1 | 0

0 0 0 1 1 | 0

1 0 0 1 1 | 1

0 1 0 1 1 | 0

1 1 0 1 1 | 1

0 0 1 1 1 | 0

1 0 1 1 1 | 1

0 1 1 1 1 | 0

1 1 1 1 1 | 1

Plekhc1

0 0 0 0 0 0 | 0

100000|0
010000|1
110000|1
001000|0
101000|0
011000|1
111000|1
000100|0
100100|0
010100|0
110100|1
001100|0
101100|0
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111100|1
000010|0
100010|0
010010|1
110010|1
001010|0
101010|1
011010|1
111010|1
000110|0
100110|0
010110|1
110110|1

001110|0
101110|0
011110|1
111110|1
000001|0
100001|0
010001|1
110001|1
001001|1
101001|1
011001|1
111001|1
000101|0
100101|0
010101|0
110101|1
001101|0
101101|1
011101|1
111101|1
000011|0
100011|1
010011|1
110011|1
001011|1
101011|1
011011|1

1 1 1 0 1 1 | 1

0 0 0 1 1 1 | 0

1 0 0 1 1 1 | 0

0 1 0 1 1 1 | 1

1 1 0 1 1 1 | 1

0 0 1 1 1 1 | 0

1 0 1 1 1 1 | 0

0 1 1 1 1 1 | 1

1 1 1 1 1 1 | 1

Fiat

0 | 0

1 | 1

Cbfa2t2h

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Hspa4

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Cnot3

0 | 1

1 | 0

Tcfap2c

0 | 0

1 | 1

Ptgs1

0 | 0

1 | 1

Nacc1

0 | 1

1 | 0

Morf4l1

0 | 0

1 | 1

Grsf1

0 | 1

1 | 0

Hspca

0 | 0

1 | 1

Fancm

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0 1 0 | 1

1 1 0 | 1

0 0 1 | 1

1 0 1 | 0

0 1 1 | 1

1 1 1 | 1

X99384

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1 | 0

Smad1

0 | 0

1 | 1

Grb7

0 | 1

1 | 0

Cdh1

0 | 1

1 | 0

Ap3m1

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0 1 | 0

1 1 | 0

1200015N20Rik

0 | 0

1 | 1

Upp1

0 | 1

1 | 0

Cdk5rap1

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0 1 0 | 1

1 1 0 | 0

0 0 1 | 1

1 0 1 | 0

0 1 1 | 0

1 1 1 | 0

Eed

0 | 1

1 | 0

Camk2b

0 | 1

1 | 0

Kcnk1

0 | 1

1 | 0

Klf2

0 0 | 1

1 0 | 0

0 1 | 1

1 1 | 1

F2rl1

0 | 1

1 | 0

Nes

0 | 0

1 | 1

Hexa

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1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

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0 0 1 1 | 0

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1 1 1 1 | 1

Gja7

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Yipf5

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Akap2

0 | 1

1 | 0

Igf2bp1

0 | 0

1 | 1

Pdgfc

0 | 1

1 | 0

Pipox

0 0 0 0 | 1

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0 1 0 0 | 0

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Pde1b

0 0 0 | 1

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0 1 0 | 1

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0 1 1 | 0

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Slc25a13

0 | 1

1 | 0

Mras

0 | 0

1 | 1

Nr5a2

0 | 0

1 | 1

Tfb1m

0 | 1

1 | 0

Itga9

0 | 0

1 | 1

Ranbp17

0 | 0

1 | 1

Sall1

0 0 | 0

1 0 | 0

0 1 | 0

1 1 | 1

Rbm14

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Bcar1

0 | 1

1 | 0

Manba

0 0 0 0 | 0

1 0 0 0 | 0

0 1 0 0 | 0

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0 0 1 0 | 0

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D15Ertd366e

0 | 1

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1810003N24Rik

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F2r

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Tdgf1

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Klf5

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BC017133

0 | 0

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Mrps18b

0 | 1

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Nodal

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0 1 | 0

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Zfp7

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Pla2g10

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Gpx4

0 | 1

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Zfp64

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Hnrpr

0 | 0

1 | 1

Cacybp

0 | 1

1 | 0

Slc6a1

0 | 1

1 | 0

Nup153

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1000|0

0100|1

1100|1

0010|0

1010|0

0110|0

1110|0

0001|0

1001|1

0101|1

1101|1

0011|0

1011|0

0111|0

1111|1

1200008012Rik

0000|0

1000|1

0100|1

1100|1

0010|0

1010|0

0110|0

1110|0

0001|1

1001|1

0 1 0 1 | 1

1 1 0 1 | 1

0 0 1 1 | 0

1 0 1 1 | 0

0 1 1 1 | 0

1 1 1 1 | 0

Tada2l

0 0 0 0 | 1

1 0 0 0 | 0

0 1 0 0 | 0

1 1 0 0 | 0

0 0 1 0 | 1

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Slc37a1

0 | 0

1 | 1

2410129E14Rik

0 | 1

1 | 0

Cnot2

0 0 | 1

1 0 | 0

0 1 | 0

1 1 | 0

Cltc

0 0 | 0

1 0 | 1

0 1 | 0

1 1 | 0

Ntn1

0 0 | 0

1 0 | 0

0 1 | 0

1 1 | 1

LIFr

0 | 1

1 | 0

Slc2a3

0 | 1

1 | 0

Socs3

0 0 | 1

1 0 | 1

0 1 | 0

1 1 | 1

Rbpms

0 0 0 0 | 1

1 0 0 0 | 1

0 1 0 0 | 0

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0 1 1 0 | 0

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1 1 1 1 | 0

Epb4.9

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0 0 1 0 | 1

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0 1 1 0 | 1

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1 0 1 1 | 1

0 1 1 1 | 1

1 1 1 1 | 1

Hist2h3c1

0 | 1

1 | 0

Crlf3

0 0 | 0

1 0 | 0

0 1 | 1

1 1 | 0

Fpgs

0 0 | 1

1 0 | 0

0 1 | 1

1 1 | 1

Stat3

0 | 0

1 | 1

D11Bwg0280e

0 | 1

1 | 0