Supplementary Methods

Crypt Isolation & Organoid Culture

Crypts were isolated from the first 2-12cm of jejunum by incubating for 15 min with 5mM EDTA in HBSS at 4 ℃ with gentle agitation. Single cell suspension was prepared with dispase (Gibco 17105-041, 1.2 IU/ml) digestion at 37℃ for 30 min, pipetting up and down every 10 min to mix. Based on fluorescence, single cells were sorted directly on top of 25µl Matrigel (modified from Sato et al., 2009) with 100 µl complete medium in 96 well plates. The purity of single cells was confirmed after sorting on a Nikon inverted microscope. The medium contains advanced DMEM/F12 (Invitrogen 10565-018) including N2 (Invitrogen 17502-048, 1X), B27 (Invitrogen 17504-044, 1X), N-Acetylcysteine (Sigma A9165, 1mM), mEGF (Invitrogen PMG8041, 50ng/ml), mNoggin (Peprotech 250-38, 100ng/ml) and R-spondin 1 (Wistar protein, 0.5µg/ml). In the first 48 hours after sorting, Jagged-1 (AnaSpec 61298, 1µM), Y-27632 (Selleck S1049, 10µM) and CHIR99021 (Stemgent 04-0004, 5µM) were also added to the medium but are not necessary for the follow-up culture.

Immunofluorescence Staining and Immunoblotting

Tissue samples were fixed in Zinc Formalin (Polysciences 21516) overnight (14-16h) before alcohol dehydration, clearing with xylene, and paraffin embedding. Samples were cut into 5-micron sections. Paraffin□embedded sections (5µm) were deparaffinized in xylene and rehydrated in ethanol with increasing concentrations of water. Antigen retrieval was performed with pressure cooker in the presence of 1mM EDTA pH 8.0 for 3 minutes. Samples were permeabilized with 0.5% Triton X□100 in TBS. The following primary antibodies were used for immunostaining: Living Colors DsRed Polyclonal Antibody (1:200, Clontech 632496), Mouse-anti-E-cadherin (1:200, BD Transduction Laboratories 610181), Goat-anti-GFP (1:200, Abacm ab6673), Rabbit-anti-lysozyme (1:200, Dako F0372) and Cy2-, Cy3-, and Cy5- conjugated secondary antibodies were obtained from the Jackson Immunoresearch Laboratories. For immunoblotting, 40,000 *Lgr5-eGFP-IRES-CreER*- or *Hopx-CreER*-marked cells were sorted into 50 µl 2X direct lysis buffer (2% SDS, 10mM DTT, 10% Glycerol, 2M Urea, 10mM Tris pH7.5). Final volume was adjusted to 100 µl, half of this was loaded to 4-12% SDS–PAGE, and transferred to PVDF membranes (GE Healthcare). Membranes were blocked in 5% BSA (Sigma, A1470) and then incubated with anti-Caspase3 primary antibody (1:1000, Cell Signaling, #9662) followed by incubation with a horseradish peroxidase (HRP) conjugated

secondary anti-rabbit (1:2,000, Cell Signaling, 7074). Immunoreactive proteins were visualized using LumiGLO chemiluminescent substrate (Pierce).

Confocal Imaging

All the Tomato and GFP double fluorescence images were taken without antibody staining. Fresh isolated crypts were fixed immediately in 2% PFA for 5 min at 4℃ with gentle agitation to avoid fluorescence quenching. Then crypt suspension was washed once in HBSS with 1% BSA and embedded in a thin layer of 4% low melting temperature agarose (Bio-Rad, #161-3111). Samples were held in glass base dish (Thermo Nunc, 150680) and images were acquired with Leica SP5-II confocal microscope.

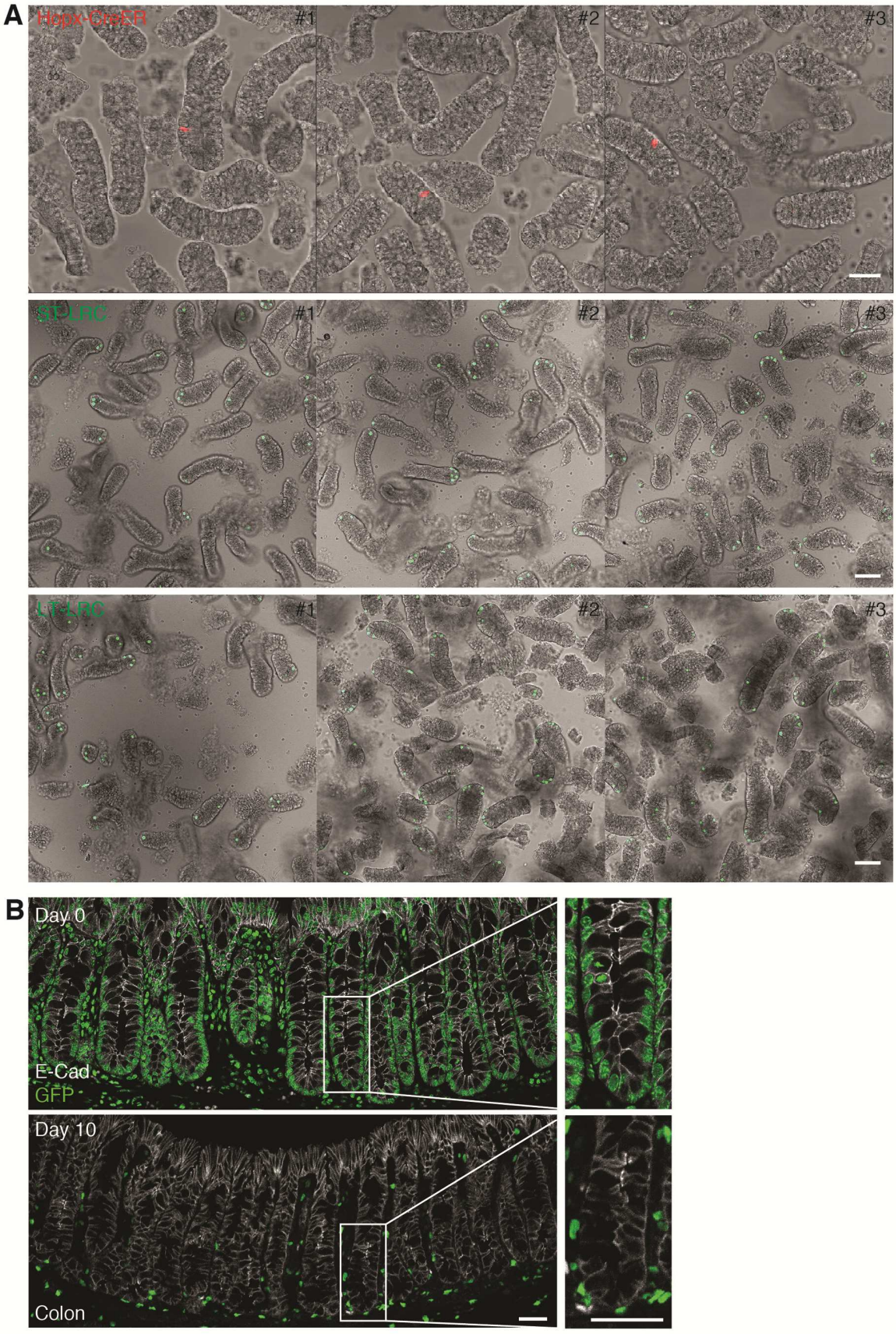
Violin plots and PCA

Violin plots were generated as follows. For each cell, we have a measure of the cycle time for 96 primer sets (48 genes with duplicate primer sets). A cycle value of 30 was imputed for any cycle values that did not amplify by 30 cycles (i.e., no signal). For each gene, violin plots were constructed using the statistical software R to compare the distribution of cycle times for that gene between the conditions. For PCA analysis, Fluidigm Ct values were averaged for each gene (across the two primer sets per gene) in each sample. Principal Components Analysis (PCA, using Partek Genomics Suite v6.6, Partek, Inc. St. Louis, MO) was used to visualize the global variation across the samples. Samples were colored to represent their condition.

Hierarchical clustering

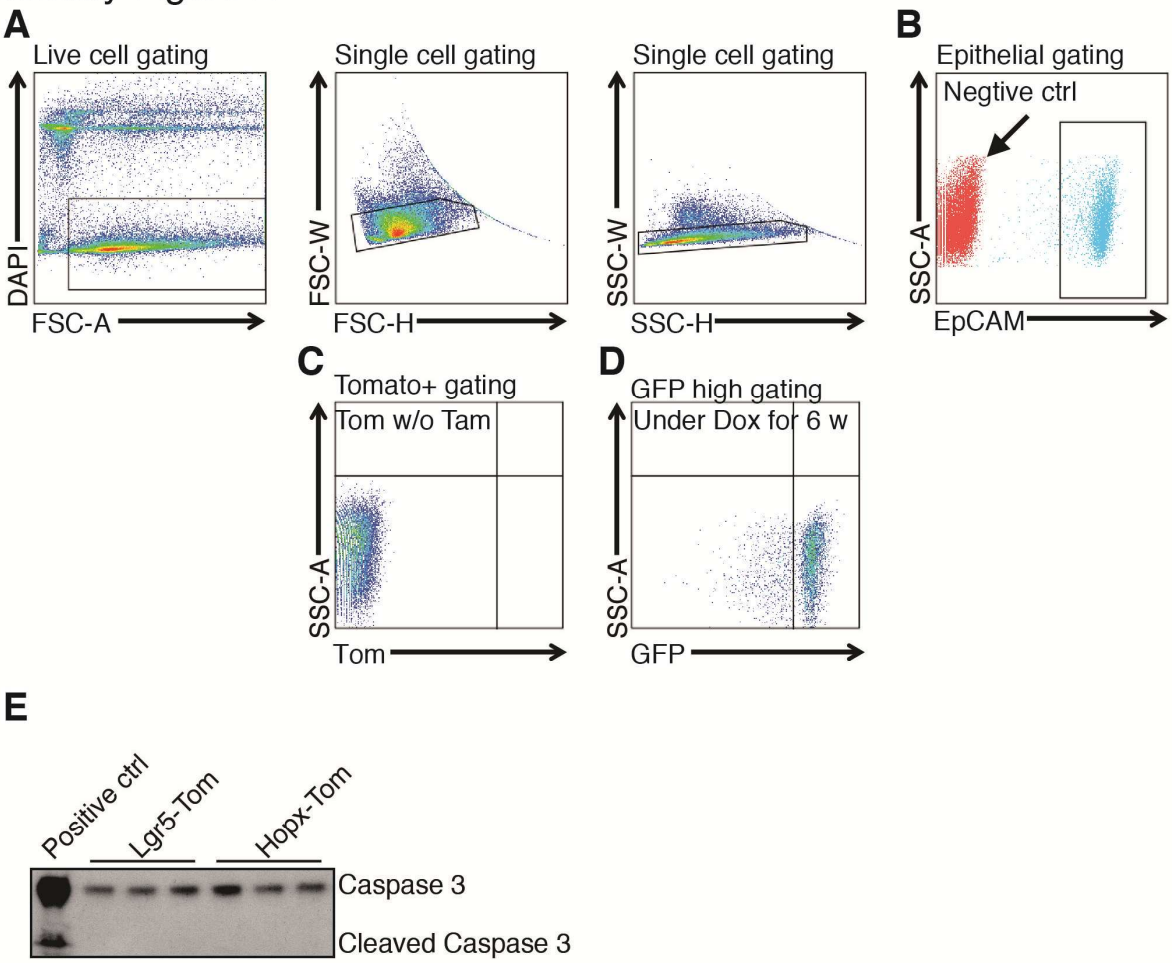
We calculated the Pearson correlation of the cycle values (across all 96 primer sets) between each pair of cells in all cell populations. These correlations were inputted into an agglomerative clustering algorithm to create a hierarchical clustering of all cells, with each population labeled with a different color. The R package ‘hclust’ was used (with the average linkage setting) to create the hierarchical clustering.

Supplementary Figure 1



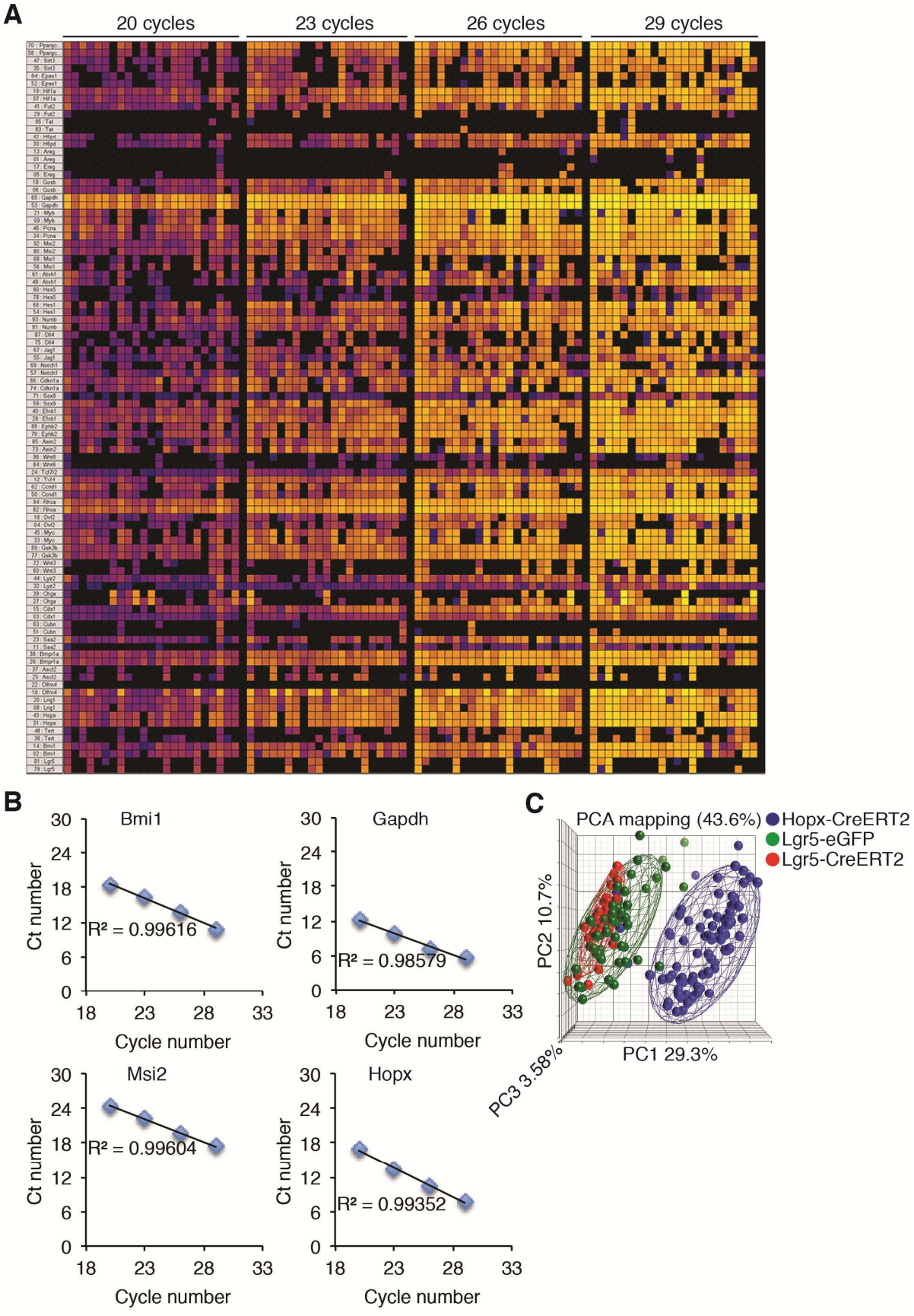
Supplementary Figure 1. A. Representative direct fluorescence images of *Hopx-CreER* ISCs (Red), 10-day short-term label retaining cells (ST-LRC, green) and one-month long-term label retaining cells (LT-LRC, green) in whole-mount crypt preparations from the jejunum. **B.** GFP staining of label retaining cells in the colon. Cells were fully labeled after the Dox pulse period (Day 0). Epithelial cells were stained with E-Cadherin. No label retaining epithelial cells were observed after a 10-day chase period. Scale bars: 50 μm.

Supplementary Figure 2



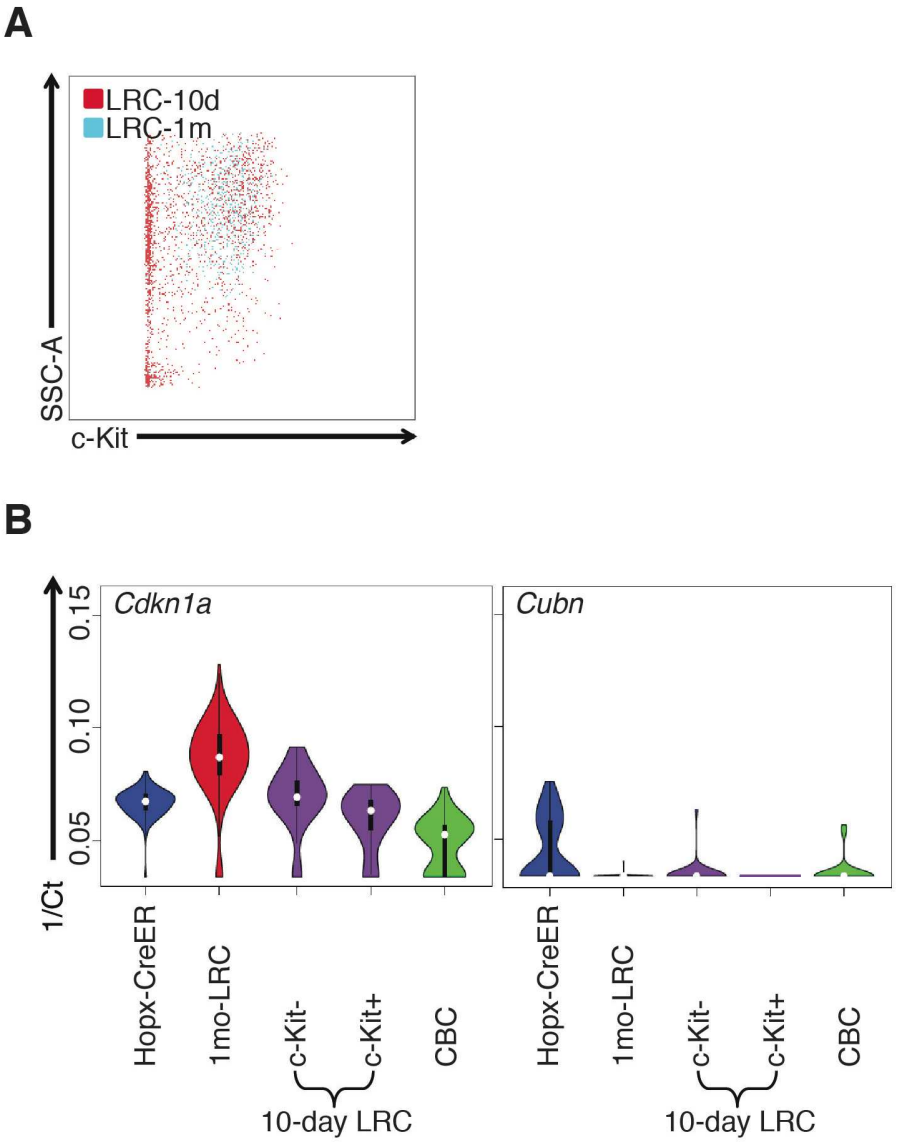
Supplementary Figure 2. A Gating strategy for single cell sorting from small intestinal crypt preparations. FSC-A = forward scatter area, SSC-A = side scatter area, FSC-H = forward scatter height, FSC-W = forward scatter width, SSC-H = side scatter height, SSC-W = side scatter width. **B.** Epithelial gating based on EpCAM staining. **C.** Tomato gating based on control *Hopx-CreER-Lox-Stop-Lox-tdTomato* not given Tamoxifen (analogous results are obtained using *Lox-Stop-Lox-tdTomato* mice with Tamoxifen, but lacking the *Hopx-CreER* allele, not shown). **D.** H2B-GFP high gating based on mice samples fully labeled at time=0 after the 6-week Dox pulse period. **E.** Western blot showing cleaved-Caspase 3 expression in *Hopx-CreER* and *Lgr5-CreER* cells isolated by flow sorting 18 hours after recombination of the *Lox-Stop-Lox-tdTomato* reporter with a single Tamoxifen injection.

Supplementary Figure 3



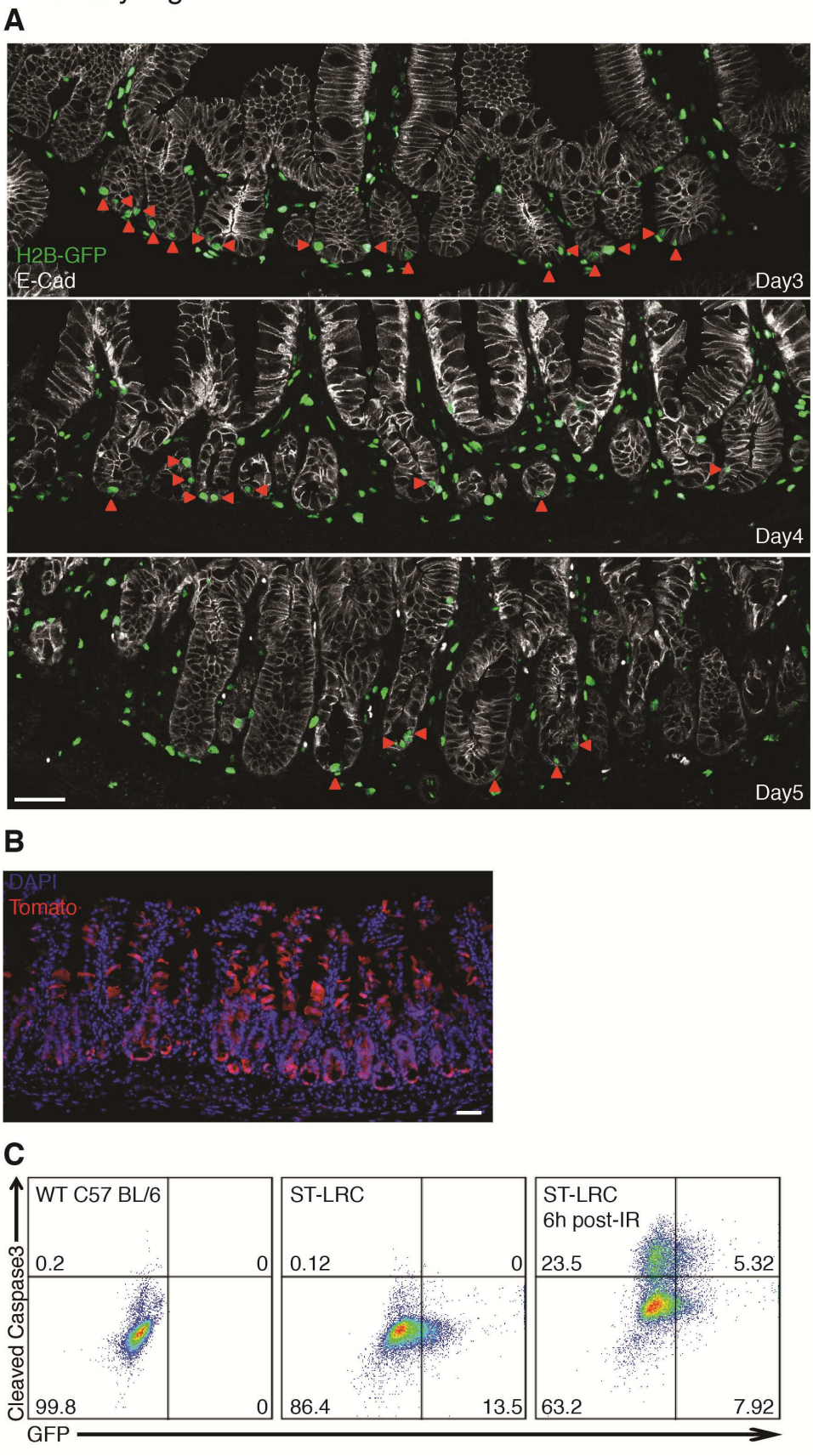
Supplementary Figure 3. A. Heat map view of the BioMark HD real-time RT-PCR analysis for various numbers of pre-amplification cycles. **B.** Linear amplification across the 4 different preamp conditions demonstrated for select primer sets (including the most highly expressed gene in the set, *Gapdh*) by plotting the pre-amplification cycles against threshold value (Ct). The data points represent the average expression value for the indicated gene across all of the single cells examined at the indicated cycle number and shown in the heatmap in (**A**). The slope of a linear-regression trendline is indicative of linear amplification. **C.** Principal component analysis (PCA) of single cells based on Fluidigm Biomark gene expression profiles on cells sorted based on *Lgr5-eGFP, Lgr5-CreER::LSL-tdTomato* 18hrs post-Tam induction, and *Hopx-CreER::LSL-tdTomato* 18hrs post-Tam induction. Tam is given as a single intraperitoneal injection.

Supplementary Figure 4



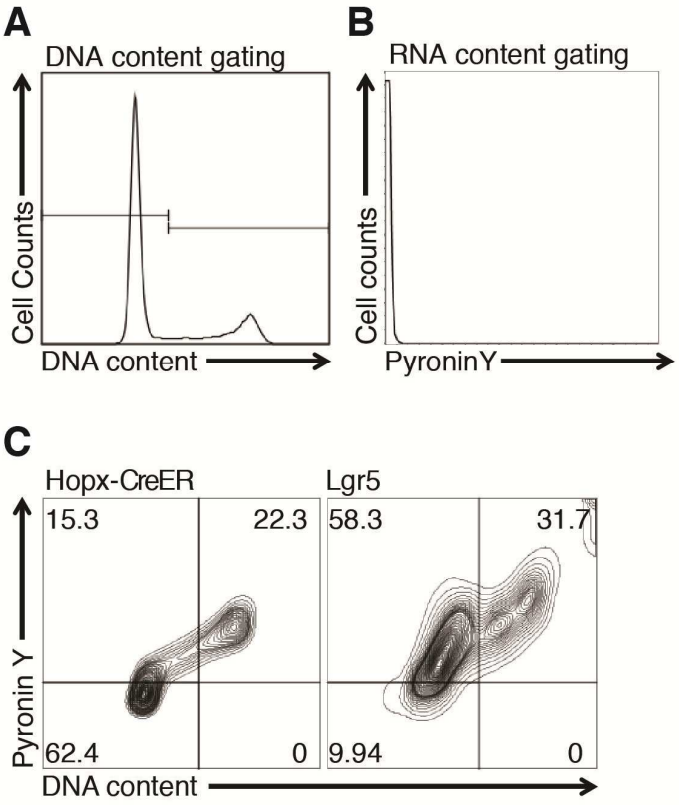
Supplementary Figure 4. A. 2D plot of c-Kit expression level across ST-LRC and LT-LRC groups. This data is presented as a histogram in main Figure 3A. **B.** Violin plots showing transcript levels of indicated genes in single reserve ISCs, LT-LRCs, ST-LRCs (separated into $cKit^+$ and $cKit^-$), and CBCs.

Supplementary Figure 5



Supplementary Figure 5. A. Representative images of long-term label retaining cells at indicated timepoints after exposure to 12 Gy gamma-irradiation. **B.** Contribution of *Hopx-CreER* progeny to the regenerated epithelium 4 days after exposure to 12 Gy gamma-irradiation. *Hopx-CreER::LSL-tdTomato* mice were given three daily Tam injections followed by a 3 day washout period to avoid labeling of *de novo* generated cells with residual Tam after IR. Mice were then exposed to 12Gy whole-body irradiation and Hopx-CreER progeny analyzed 4 days later. Scale bars: 1mm. **C.** Flow cytometric data assessing level of cleaved-Caspase3 in ST-LRCs 6h post 12 Gy IR ($2x10^5$ cells recorded).

Supplementary Figure 6



Supplementary Figure 6. A. Gating strategy for the separation of G0/G1 cells from S/G2/M cells, with gates set based on DNA content (left). **B.** RNA content staining control showing no stain background for Pyronin-Y. **C.** Analysis of quiescence with Pyronin-Y vs. DNA content in *Hopx-CreER* ISCs and *Lgr5-CreER* ISCs 18hrs after induction of the *LSL-tdTomato* reporter with a single Tam injection.

Supplementary Table 1.
Primer Sequences Used for Single-Cell Fluidigm Gene Expression Analysis.

Supplementary Table 2.
Single-Cell Fluidigm Profiling Raw Data and Group Information.

Category	Well	Target	Assay ID	Assay Name
Msi1 microarray target	A1	Areg	GEA00012812	Areg_12812_i2
Msi1 microarray target	B1	Areg	GEP00054834	Areg_54834_i0
ISC signature genes	C1	Ascl2	GEA00012005	Ascl2_12005_i1
ISC signature genes	D1	Ascl2	GEP00054835	Ascl2_54835_i0
Notch pathway genes	E1	Atoh1	GEP00054836	Atoh1_54836_e0
Notch pathway genes	F1	Atoh1	GEP00054837	Atoh1_54837_e0
Wnt pathway genes	G1	Axin2	GEA00023066	Axin2_23066_i1
Wnt pathway genes	H1	Axin2	GEP00054838	Axin2_54838_i2
+4 marker	A2	Bmi1	GEP00054839	Bmi1_54839_i7
+4 marker	B2	Bmi1	GEA00007859	Bmi1_7859_i1
ISC signature genes	C2	Bmpr1a	GEA00013341	Bmpr1a_13341_i10
ISC signature genes	D2	Bmpr1a	GEP00054840	Bmpr1a_54840_i1
Wnt pathway genes	E2	Ccnd1	GEP00054841	Ccnd1_54841_i3
Wnt pathway genes	F2	Ccnd1	GEA00007896	Ccnd1_7896_i1
Wnt pathway genes	G2	Cdkn1a	GEA00011737	Cdkn1a_11737_i1
Wnt pathway genes	H2	Cdkn1a	GEP00054842	Cdkn1a_54842_e1
Enterocyte marker	A3	Cdx1	GEA00017999	Cdx1_17999_i1
Enterocyte marker	B3	Cdx1	GEP00054843	Cdx1_54843_i0
Enteroendocrine cell marker	C3	Chga	GEA00042799	Chga_42799_i6
Enteroendocrine cell marker	D3	Chga	GEP00054844	Chga_54844_i1
Late TA marker	E3	Cubn	GEA00050545	Cubn_50545_i65
Late TA marker	F3	Cubn	GEP00054845	Cubn_54845_i1
Notch pathway genes	G3	Dll4	GEA00012028	Dll4_12028_i8
Notch pathway genes	H3	Dll4	GEP00054847	Dll4_54847_i1
Wnt pathway genes	A4	Dvl2	GEA00012035	Dvl2_12035_i12
Wnt pathway genes	B4	Dvl2	GEP00054848	Dvl2_54848_i1
Wnt pathway genes	C4	Efnb1	GEA00039231	Efnb1_39231_i0
Wnt pathway genes	D4	Efnb1	GEP00054849	Efnb1_54849_i2
Msi1 microarray target	E4	Epas1	GEA00017939	Epas1_17939_i10
Msi1 microarray target	F4	Epas1	GEP00054850	Epas1_54850_i1
Wnt pathway genes	G4	Ephb2	GEA00047674	Ephb2_47674_i7
Wnt pathway genes	H4	Ephb2	GEP00054851	Ephb2_54851_i1
Msi1 microarray target	A5	Ereg	GEA00039249	Ereg_39249_i1
Msi1 microarray target	B5	Ereg	GEP00054852	Ereg_54852_i3
Msi1 microarray target	C5	Fut2	GEA00035406	Fut2_35406_i0
Msi1 microarray target	D5	Fut2	GEP00054853	Fut2_54853_e1
House keeping	E5	Gapdh	GEP00054854	Gapdh_54854_i0
House keeping	F5	Gapdh	GEA00007851	Gapdh_7851_i0
Wnt pathway genes	G5	Gsk3b	GEA00012056	Gsk3b_12056_i8
Wnt pathway genes	H5	Gsk3b	GEP00054855	Gsk3b_54855_i1
House keeping	A6	Gusb	GEA00002621	Gusb_2621_i9
House keeping	B6	Gusb	GEP00054856	Gusb_54856_i1
Msi1 microarray target	C6	H6pd	GEA00039411	H6pd_39411_i3
Msi1 microarray target	D6	H6pd	GEP00054857	H6pd_54857_i1
Notch pathway genes	E6	Hes1	GEA00011756	Hes1_11756_i2
Notch pathway genes	F6	Hes1	GEP00054858	Hes1_54858_i1

Notch pathway genes	G6	Hes5	GEA00023038	Hes5_23038_e2
Notch pathway genes	H6	Hes5	GEP00054859	Hes5_54859_e2
Msi1 microarray target	A7	Hif1a	GEA00012863	Hif1a_12863_i5
Msi1 microarray target	B7	Hif1a	GEP00054860	Hif1a_54860_i1
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+4 marker	D7	Hopx	GEP00054861	Hopx_54861_i1
Notch pathway genes	E7	Jag1	GEA00012064	Jag1_12064_i4
Notch pathway genes	F7	Jag1	GEP00054862	Jag1_54862_i1
CBC marker	G7	Lgr5	GEP00054863	Lgr5_54863_i4
CBC marker	H7	Lgr5	GEA00008792	Lgr5_8792_i0
+4 marker	A8	Lrig1	GEA00048532	Lrig1_48532_i12
+4 marker	B8	Lrig1	GEP00054864	Lrig1_54864_i1
Paneth cell marker	C8	Lyz2	GEA00038173	Lyz2_38173_i0
Paneth cell marker	D8	Lyz2	GEP00054865	Lyz2_54865_e3
Msi family members	E8	Msi1	GEA00047393	Msi1_47393_i6
Msi family members	F8	Msi1	GEP00054866	Msi1_54866_i1
Msi family members	G8	Msi2	GEA00011622	Msi2_11622_i1
Msi family members	H8	Msi2	GEP00054867	Msi2_54867_i4
Proliferation genes	A9	Myb	GEA00012892	Myb_12892_i5
Proliferation genes	B9	Myb	GEP00054869	Myb_54869_i1
Wnt pathway genes	C9	Myc	GEA00011771	Myc_11771_i1
Wnt pathway genes	D9	Myc	GEP00054870	Myc_54870_i0
Notch pathway genes	E9	Notch1	GEA00011772	Notch1_11772_i4
Notch pathway genes	F9	Notch1	GEP00054871	Notch1_54871_i1
Notch pathway genes	G9	Numb	GEA00012081	Numb_12081_i3
Notch pathway genes	H9	Numb	GEP00054872	Numb_54872_i0
ISC signature genes	A10	Olfm4	GEA00053197	Olfm4_53197_i0
ISC signature genes	B10	Olfm4	GEP00054873	Olfm4_54873_i5
Proliferation genes	C10	Pcna	GEA00012609	Pcna_12609_i2
Proliferation genes	D10	Pcna	GEP00054874	Pcna_54874_e0
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Msi1 microarray target	F10	Ppargc1b	GEP00054875	Ppargc1b_54875_i1
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Wnt pathway genes	H10	Rhoa	GEP00054876	Rhoa_54876_i4
Late TA marker	A11	Saa2	GEA00038532	Saa2_38532_i2
Late TA marker	B11	Saa2	GEP00054877	Saa2_54877_e3
Msi1 microarray target	C11	Sirt3	GEA00042427	Sirt3_42427_i3
Msi1 microarray target	D11	Sirt3	GEP00054878	Sirt3_54878_i5
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Wnt pathway genes	F11	Sox9	GEP00054879	Sox9_54879_i1
Msi1 microarray target	G11	Tat	GEA00011896	Tat_11896_i6
Msi1 microarray target	H11	Tat	GEP00054880	Tat_54880_i3
Wnt pathway genes	A12	Tcf4	GEA00013322	Tcf4_13322_i4
Wnt pathway genes	B12	Tcf4	GEP00054881	Tcf7l2_54881_i6
+4 marker	C12	Tert	GEA00011787	Tert_11787_i6
+4 marker	D12	Tert	GEP00054882	Tert_54882_i1
Wnt pathway genes	E12	Wnt3	GEA00012126	Wnt3_12126_i2

Wnt pathway genes	F12	Wnt3	GEP00054883	Wnt3_54883_i3
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Wnt pathway genes	H12	Wnt6	GEP00054884	Wnt6_54884_i1

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CGGGAGTTGGCCAAAATGAA	CGCCAATCCTGTTTGCCATA	NM_016802.4
GAGTCTGGGCTGCTGAGAAA	ATGGTGTCCTCGTGTCCTCT	NM_011314.2
ACCAGGAAGCCAACAGACA	CAGTATTTGGCAGGCAGTCC	NM_011314.2
TACATGCACGGTCTGTCGAA	TCACAACGCCAGTACAGACA	NM_001127351.1
TGGATCTTATGCAGCGGGAA	CCCCAGGTGAAGAAGCCATA	NM_001127351.1
AGTACCCGCATCTGCACAA	GTCTCTTCTCGCTCTCGTTCA	NM_011448.4
CATGAGTGAGGTGCACTCC	CCCTCTCGCTTCAGATCAAC	NM_011448.4
AATGCGTCCCCATCTTAGCC	GAGGGTGGCCATTGGTTCATA	NM_146214.3
GGAGGTCGCTTCCTATTACCA	AGCCACTCGTCAGAATGACA	NM_146214.3
CAGCTGACGTAGACCCCAAA	GGGCGACAGCGGGTAATA	NM_009333.3
AGGAGGATTCAGACACCCCTA	TGTGATGGGGAGGGACCATA	NM_001142918.1
ACTGAGGAACTCCGTTGTCA	AGGAAGTGCAGGAAGAAGTCA	NM_009354.1
CTGCAGGAACTGATGTGGAA	CAGGATCCTCTCCCTCAGAC	NM_009354.1
CGCTCAGCTATGAACAAGCA	GACAACCCGTGGCATTTACA	NM_009521.2

TGTCAGCTGCCAAGAGTGTA	GATCCAGCCGCACAATCTAC	NM_009521.2
GGTGCAACTGCACAACAAC	GAAAGCCCATGGCACTTACA	NM_009526.3
TCAGTTCCAGTTCCGTTTCC	AGCTGCGGTGATTGCAAA	NM_009526.3

Blast Hits	Gene Symbol	Gene Aliases	Gene Full Name	GO Function	GO Process
NM_009704.3	Areg	AR|Sdgf	amphiregulin	cytokine activity|	G-protein coupl
NM_009704.3	Areg	AR|Sdgf	amphiregulin	cytokine activity|	G-protein coupl
NM_008554.3	Ascl2	Mash2|bHLHa45	achaete-scute con	DNA binding|E-b	cell differentiati
NM_008554.3	Ascl2	Mash2|bHLHa45	achaete-scute con	DNA binding|E-b	cell differentiati
NM_007500.4	Atoh1	Hath1|Math1|M	atonal homolog 1	DNA binding|chr	apoptosis|audit
NM_007500.4	Atoh1	Hath1|Math1|M	atonal homolog 1	DNA binding|chr	apoptosis|audit
NM_015732.4	Axin2	Axi1|Axil|Condu	axin2	GTPase activator	Wnt receptor sig
NM_015732.4	Axin2	Axi1|Axil|Condu	axin2	GTPase activator	Wnt receptor sig
NM_007552.4	Bmi1	Bmi-1|Pcgf4|AW	Bmi1 polycomb ri	RING-like zinc fin	brain developm
NM_007552.4	Bmi1	Bmi-1|Pcgf4|AW	Bmi1 polycomb ri	RING-like zinc fin	brain developm
NM_009758.4	Bmpr1a	ALK3|Bmpr|BMP	bone morphogene	ATP binding|SM/	BMP signaling p
NM_009758.4	Bmpr1a	ALK3|Bmpr|BMP	bone morphogene	ATP binding|SM/	BMP signaling p
NM_007631.2	Ccnd1	cD1|Cyl-1|PRAD1	cyclin D1	cyclin-dependent	G1/S transition
NM_007631.2	Ccnd1	cD1|Cyl-1|PRAD1	cyclin D1	cyclin-dependent	G1/S transition
NM_001111099.1|NM_	Cdkn1a	P21|CDKI|CIP1|S	cyclin-dependent	cyclin binding|cy	DNA damage re
NM_001111099.1|NM_	Cdkn1a	P21|CDKI|CIP1|S	cyclin-dependent	cyclin binding|cy	DNA damage re
NM_009880.3	Cdx1	Cdx|Cdx-1	caudal type home	DNA binding|seq	anterior/posteri
NM_009880.3	Cdx1	Cdx|Cdx-1	caudal type home	DNA binding|seq	anterior/posteri
NM_007693.1	Chga		chromogranin A	protein binding	organelle organ
NM_007693.1	Chga		chromogranin A	protein binding	organelle organ
NM_001081084.2	Cubn	AA408369|AL022	cubilin (intrinsic fa	calcium ion bindi	cholesterol met
NM_001081084.2	Cubn	AA408369|AL022	cubilin (intrinsic fa	calcium ion bindi	cholesterol met
NM_019454.3	Dll4	Delta4	delta-like 4 (Drosc	Notch binding|ca	Notch signaling
NM_019454.3	Dll4	Delta4	delta-like 4 (Drosc	Notch binding|ca	Notch signaling
NM_007888.3	Dvl2		dishevelled 2, dsh	identical protein	Wnt receptor sig
NM_007888.3	Dvl2		dishevelled 2, dsh	identical protein	Wnt receptor sig
NM_010110.4	Efnb1	Epl2|EFL-3|Elk-L	ephrin B1	ephrin receptor b	axon guidance|
NM_010110.4	Efnb1	Epl2|EFL-3|Elk-L	ephrin B1	ephrin receptor b	axon guidance|
NM_010137.3	Epas1	HLF|HRF|MOP2|	endothelial PAS d	DNA binding|DN/	angiogenesis|bl
NM_010137.3	Epas1	HLF|HRF|MOP2|	endothelial PAS d	DNA binding|DN/	angiogenesis|bl
NM_010142.2	Ephb2	Drt|Erk|Nuk|Cek	Eph receptor B2	ATP binding|axo	axon guidance|
NM_010142.2	Ephb2	Drt|Erk|Nuk|Cek	Eph receptor B2	ATP binding|axo	axon guidance|
NM_007950.2	Ereg	EPR|MGC36144	epiregulin	epidermal growth	anatomical stru
NM_007950.2	Ereg	EPR|MGC36144	epiregulin	epidermal growth	anatomical stru
NM_018876.3	Fut2		fucosyltransferase	fucosyltransferas	carbohydrate m
NM_018876.3	Fut2		fucosyltransferase	fucosyltransferas	carbohydrate m
NM_008084.2	Gapdh	Gapd|MGC1025	glyceraldehyde-3-	glyceraldehyde-3	metabolic proce
NM_008084.2	Gapdh	Gapd|MGC1025	glyceraldehyde-3-	glyceraldehyde-3	metabolic proce
NM_019827.6	Gsk3b	GSK3|GSK-3|C86	glycogen synthase	ATP binding|NF-I	ER overload res
NM_019827.6	Gsk3b	GSK3|GSK-3|C86	glycogen synthase	ATP binding|NF-I	ER overload res
NM_010368.1	Gusb	g|Gur|Gus|Gut|a	glucuronidase, bet	beta-glucuronida	carbohydrate m
NM_010368.1	Gusb	g|Gur|Gus|Gut|a	glucuronidase, bet	beta-glucuronida	carbohydrate m
NM_173371.3	H6pd	Gpd1|G6pd1|Gp	hexose-6-phospha	6-phosphoglucor	NADP metabolic
NM_173371.3	H6pd	Gpd1|G6pd1|Gp	hexose-6-phospha	6-phosphoglucor	NADP metabolic
NM_008235.2	Hes1	Hry|bHLHb39	hairy and enhance	DNA binding|HLH	Notch signaling
NM_008235.2	Hes1	Hry|bHLHb39	hairy and enhance	DNA binding|HLH	Notch signaling

NM_010419.4	Hes5	bHLHb38	hairy and enhance	DNA binding|dou	auditory recepto
NM_010419.4	Hes5	bHLHb38	hairy and enhance	DNA binding|dou	auditory recepto
NM_010431.2	Hif1a	MOP1|bHLHe78|	hypoxia inducible	DNA binding|DN	angiogenesis|ca
NM_010431.2	Hif1a	MOP1|bHLHe78|	hypoxia inducible	DNA binding|DN	angiogenesis|ca
NM_001159901.1|NM_(	Hopx	Hod|Hop|Ob1|O	HOP homeobox	DNA binding|pro	heart developm
NM_001159901.1|NM_(	Hopx	Hod|Hop|Ob1|O	HOP homeobox	DNA binding|pro	heart developm
NM_013822.4	Jag1	Htu|Ozz|Ser-1|sl	jagged 1	Notch binding|ca	Notch signaling
NM_013822.5	Jag1	Htu|Ozz|Ser-1|sl	jagged 1	Notch binding|ca	Notch signaling
NM_010195.2	Lgr5	FEX|Gpr49	leucine rich repea	G-protein couple	G-protein coupl
NM_010195.2	Lgr5	FEX|Gpr49	leucine rich repea	G-protein couple	G-protein coupl
NM_008377.2	Lrig1	Img|LIG-1|D6Bw	leucine-rich repea	protein binding	
NM_008377.2	Lrig1	Img|LIG-1|D6Bw	leucine-rich repea	protein binding	
NM_017372.3	Lyz2	Lys|Lzm|Lzp|Lys	lysozyme 2	catalytic activity|	cell wall macron
NM_017372.3	Lyz2	Lys|Lzm|Lzp|Lys	lysozyme 2	catalytic activity|	cell wall macron
NM_008629.1	Msi1	Msi1h|Musahi1|	Musashi homolog	RNA binding|nuc	response to hor
NM_008629.1	Msi1	Msi1h|Musahi1|	Musashi homolog	RNA binding|nuc	response to hor
NM_054043.3	Msi2	Msi2h|AI451722	Musashi homolog	RNA binding|nuc	stem cell develo
NM_054043.3	Msi2	Msi2h|AI451722	Musashi homolog	RNA binding|nuc	stem cell develo
NM_010848.3	Myb	c-myb|M16449|A	myeloblastosis on	DNA binding|seq	G1/S transition
NM_001198914.1|NM_(	Myb	c-myb|M16449|A	myeloblastosis on	DNA binding|seq	G1/S transition
NM_001177354.1|NM_(	Myc	Myc2|Nird|Niarc	myelocytomatosis	DNA binding|DN	B cell apoptosis
NM_010849.4	Myc	Myc2|Nird|Niarc	myelocytomatosis	DNA binding|DN	B cell apoptosis
NM_008714.3	Notch1	Mis6|Tan1|lin-12	Notch gene homo	calcium ion bindi	Notch signaling
NM_008714.3	Notch1	Mis6|Tan1|lin-12	Notch gene homo	calcium ion bindi	Notch signaling
NM_010949.1|NM_001	Numb	mnb|m-numb	numb gene homol	alpha-catenin bir	adherens junctio
NM_010949.1|NM_001	Numb	mnb|m-numb	numb gene homol	alpha-catenin bir	adherens junctio
NM_001030294.1	Olfm4	GC1|OlfD|pPD4|	olfactomedin 4	molecular_functi	biological_proce
NM_001030294.1	Olfm4	GC1|OlfD|pPD4|	olfactomedin 4	molecular_functi	biological_proce
NM_011045.2	Pcna		proliferating cell n	DNA binding|DN	DNA replication
NM_011045.2	Pcna		proliferating cell n	DNA binding|DN	DNA replication
NM_133249.2	Ppargc1b	Perc|4631412G2	peroxisome prolif	AF-2 domain bind	estrogen recept
NM_133249.2	Ppargc1b	Perc|4631412G2	peroxisome prolif	AF-2 domain bind	estrogen recept
NM_016802.4	Rhoa	Arha|Arha1|Arha	ras homolog gene	GTP binding|GTP	GTP catabolic pr
NM_016802.4	Rhoa	Arha|Arha1|Arha	ras homolog gene	GTP binding|GTP	GTP catabolic pr
NM_011314.2	Saa2	Saa1|Saa-2|AW1	serum amyloid A 2	protein binding	
NM_011314.2	Saa2	Saa1|Saa-2|AW1	serum amyloid A 2	protein binding	
NM_001177804.1|NM_(	Sirt3	Sir2l3|AI848213|	sirtuin 3 (silent ma	NAD binding|NA	chromatin silenc
NM_001177804.1|NM_(	Sirt3	Sir2l3|AI848213|	sirtuin 3 (silent ma	NAD binding|NA	chromatin silenc
NM_011448.4	Sox9	AV220920|KIAA4	SRY-box containin	DNA binding|pro	Sertoli cell deve
NM_011448.4	Sox9	AV220920|KIAA4	SRY-box containin	DNA binding|pro	Sertoli cell deve
NM_146214.3	Tat	MGC37772|MGC	tyrosine aminotra	1-aminocyclopro	2-oxoglutarate r
NM_146214.3	Tat	MGC37772|MGC	tyrosine aminotra	1-aminocyclopro	2-oxoglutarate r
NM_001142924.1|NM_(	Tcf7l2	Tcf4|TCF4B|TCF4	transcription factc	DNA binding|RN	Wnt receptor sig
NM_001142924.1|NM_(	Tcf7l2	Tcf4|TCF4B|TCF4	transcription factc	DNA binding|RN	Wnt receptor sig
NM_009354.1	Tert	TR|TP2|TRT|EST	telomerase revers	DNA binding|RN	DNA strand elor
NM_009354.1	Tert	TR|TP2|TRT|EST	telomerase revers	DNA binding|RN	DNA strand elor
NM_009521.2	Wnt3	Int-4|Wnt-3	wingless-related M	frizzled binding|f	Spemann organi

NM_009521.2	Wnt3	Int-4|Wnt-3	wingless-related M	frizzled binding|f	Spemann organ
NM_009526.3	Wnt6	Wnt-6|AA40927(	wingless-related M	G-protein-couple	Wnt receptor si
NM_009526.3	Wnt6	Wnt-6|AA40927(	wingless-related M	G-protein-couple	Wnt receptor si

GO Component

cell surface|cytoplasm|extracellular space|integral to membrane|intracellular|membrane|nucleus
cell surface|cytoplasm|extracellular space|integral to membrane|intracellular|membrane|nucleus
cytoplasm|nucleus|nucleus
cytoplasm|nucleus|nucleus
nucleus
nucleus
Axin-APC-beta-catenin-GSK3B complex|cell cortex|centrosome|centrosome|cytoplasm|cytoplasmic membran
Axin-APC-beta-catenin-GSK3B complex|cell cortex|centrosome|centrosome|cytoplasm|cytoplasmic membran
PcG protein complex|cytoplasm|nuclear body|nucleolus|nucleus|ubiquitin ligase complex|ubiquitin ligase cor
PcG protein complex|cytoplasm|nuclear body|nucleolus|nucleus|ubiquitin ligase complex|ubiquitin ligase cor
integral to membrane|membrane|plasma membrane
integral to membrane|membrane|plasma membrane
cyclin-dependent protein kinase holoenzyme complex|cyclin-dependent protein kinase holoenzyme complex|c
cyclin-dependent protein kinase holoenzyme complex|cyclin-dependent protein kinase holoenzyme complex|c
PCNA-p21 complex|cyclin-dependent protein kinase holoenzyme complex|cyclin-dependent protein kinase hol
PCNA-p21 complex|cyclin-dependent protein kinase holoenzyme complex|cyclin-dependent protein kinase hol
nucleus
nucleus
extracellular region|extracellular space
extracellular region|extracellular space
Golgi apparatus|apical part of cell|apical plasma membrane|brush border|brush border membrane|coated pit
Golgi apparatus|apical part of cell|apical plasma membrane|brush border|brush border membrane|coated pit
integral to membrane|integral to plasma membrane|membrane
integral to membrane|integral to plasma membrane|membrane
apical part of cell|cell cortex|clathrin-coated vesicle|cytoplasm|cytoplasm|cytoplasmic part|cytoskeleton|intr
apical part of cell|cell cortex|clathrin-coated vesicle|cytoplasm|cytoplasm|cytoplasmic part|cytoskeleton|intr
integral to membrane|membrane|membrane raft|synapse
integral to membrane|membrane|membrane raft|synapse
cytoplasm|cytoplasm|nucleus|nucleus|transcription factor complex|transcription factor complex
cytoplasm|cytoplasm|nucleus|nucleus|transcription factor complex|transcription factor complex
integral to membrane|integral to plasma membrane|membrane|neuronal cell body|synapse
integral to membrane|integral to plasma membrane|membrane|neuronal cell body|synapse
extracellular region|extracellular space|extracellular space|integral to membrane|membrane|plasma membra
extracellular region|extracellular space|extracellular space|integral to membrane|membrane|plasma membra
Golgi apparatus|integral to membrane|membrane
Golgi apparatus|integral to membrane|membrane
cytoplasm|mitochondrion
cytoplasm|mitochondrion
Axin-APC-beta-catenin-GSK3B complex|Axin-APC-beta-catenin-GSK3B complex|beta-catenin destruction comp
Axin-APC-beta-catenin-GSK3B complex|Axin-APC-beta-catenin-GSK3B complex|beta-catenin destruction comp
endoplasmic reticulum|lysosome|lysosome|microsome|soluble fraction
endoplasmic reticulum|lysosome|lysosome|microsome|soluble fraction
endoplasmic reticulum|microsome|microsome
endoplasmic reticulum|microsome|microsome
cytoplasm|nucleus|protein complex
cytoplasm|nucleus|protein complex

nucleus
nucleus
cytoplasm|microtubule-based flagellum|nucleolus|nucleus|nucleus|transcription factor complex
cytoplasm|microtubule-based flagellum|nucleolus|nucleus|nucleus|transcription factor complex
cytoplasm|nucleus|nucleus
cytoplasm|nucleus|nucleus
integral to membrane|membrane|plasma membrane|plasma membrane
integral to membrane|membrane|plasma membrane|plasma membrane
integral to membrane|membrane|plasma membrane
integral to membrane|membrane|plasma membrane
integral to membrane|membrane
integral to membrane|membrane
Golgi cis cisterna|Golgi stack|cytoplasm|endoplasmic reticulum lumen|extracellular region|microvillus|rough
Golgi cis cisterna|Golgi stack|cytoplasm|endoplasmic reticulum lumen|extracellular region|microvillus|rough
cytoplasm|nucleus|polysome
cytoplasm|nucleus|polysome
cytoplasm|polysome
cytoplasm|polysome
nucleus
nucleus
axon|cytoplasm|nuclear body|nucleolus|nucleoplasm|nucleus|nucleus|spindle
axon|cytoplasm|nuclear body|nucleolus|nucleoplasm|nucleus|nucleus|spindle
Golgi apparatus|acrosomal vesicle|cytoplasm|integral to membrane|integral to plasma membrane|membrane
Golgi apparatus|acrosomal vesicle|cytoplasm|integral to membrane|integral to plasma membrane|membrane
apical part of cell|apical part of cell|apical plasma membrane|basolateral plasma membrane|cytoplasm|early
apical part of cell|apical part of cell|apical plasma membrane|basolateral plasma membrane|cytoplasm|early
extracellular region|extracellular space
extracellular region|extracellular space
PCNA complex|PCNA-p21 complex|cyclin-dependent protein kinase holoenzyme complex|cytoplasm|microtub
PCNA complex|PCNA-p21 complex|cyclin-dependent protein kinase holoenzyme complex|cytoplasm|microtub
mediator complex|nucleus
mediator complex|nucleus
axon|cytoplasm|cytoskeleton|cytosol|cytosol|intracellular|membrane|membrane fraction|mitochondrion|n
axon|cytoplasm|cytoskeleton|cytosol|cytosol|intracellular|membrane|membrane fraction|mitochondrion|n

cytoplasm|membrane|mitochondrion|mitochondrion
cytoplasm|membrane|mitochondrion|mitochondrion
nucleus|nucleus
nucleus|nucleus
mitochondrion|mitochondrion
mitochondrion|mitochondrion
beta-catenin-TCF7L2 complex|cytosol|nucleoplasm|nucleus|nucleus|protein-DNA complex|transcription facto
beta-catenin-TCF7L2 complex|cytosol|nucleoplasm|nucleus|nucleus|protein-DNA complex|transcription facto
chromosome, telomeric region|cytoplasm|nucleoplasm|nucleus|ribonucleoprotein complex|telomerase holo
chromosome, telomeric region|cytoplasm|nucleoplasm|nucleus|ribonucleoprotein complex|telomerase holo
cytoplasm|early endosome|extracellular matrix|extracellular region|extracellular space|late endosome|meml

cytoplasm|early endosome|extracellular matrix|extracellular region|extracellular space|late endosome|meml
cell surface|extracellular matrix|extracellular region|extracellular space|plasma membrane|proteinaceous ext
cell surface|extracellular matrix|extracellular region|extracellular space|plasma membrane|proteinaceous ext

ıe-bounded vesicle|cytoplasmic microtubule|intracellular|nucleus|plasma membrane|postsynaptic density|pr
ıe-bounded vesicle|cytoplasmic microtubule|intracellular|nucleus|plasma membrane|postsynaptic density|pr
ınplex
ınplex

:ytoplasm|cytosol|cytosol|intracellular|nucleoplasm|nucleoplasm|nucleus|nucleus
:ytoplasm|cytosol|cytosol|intracellular|nucleoplasm|nucleoplasm|nucleus|nucleus
loenzyme complex|cytoplasm|cytosol|cytosol|nucleoplasm|nucleus|nucleus
loenzyme complex|cytoplasm|cytosol|cytosol|nucleoplasm|nucleus|nucleus

t|cytoplasm|endocytic vesicle|endocytic vesicle membrane|endoplasmic reticulum|endosome|lysosomal lume
t|cytoplasm|endocytic vesicle|endocytic vesicle membrane|endoplasmic reticulum|endosome|lysosomal lume

·acellular|nucleus|plasma membrane|plasma membrane|soluble fraction
·acellular|nucleus|plasma membrane|plasma membrane|soluble fraction

ane
ane

lex|cytoplasm|cytosol|cytosol|dendritic shaft|dendritic spine|growth cone|membrane raft|membrane-bound
lex|cytoplasm|cytosol|cytosol|dendritic shaft|dendritic spine|growth cone|membrane raft|membrane-bound

endoplasmic reticulum lumen|soluble fraction|stored secretory granule|trans-Golgi network transport vesicle
endoplasmic reticulum lumen|soluble fraction|stored secretory granule|trans-Golgi network transport vesicle

e|nucleus|nucleus|plasma membrane|plasma membrane
e|nucleus|nucleus|plasma membrane|plasma membrane
endosome|extrinsic to plasma membrane|membrane|nucleus|plasma membrane
endosome|extrinsic to plasma membrane|membrane|nucleus|plasma membrane

ɔule cytoskeleton|nuclear lamina|nuclear replication fork|nucleoplasm|nucleus|nucleus|nucleus|replication fo
ɔule cytoskeleton|nuclear lamina|nuclear replication fork|nucleoplasm|nucleus|nucleus|nucleus|replication fo

ucleus|plasma membrane|plasma membrane|soluble fraction
ucleus|plasma membrane|plasma membrane|soluble fraction

ɔr complex
ɔr complex
enzyme complex
enzyme complex
brane fraction|membrane raft|plasma membrane|proteinaceous extracellular matrix

brane fraction|membrane raft|plasma membrane|proteinaceous extracellular matrix
:racellular matrix
:racellular matrix

otein complex
otein complex

en|lysosome|membrane|membrane fraction|plasma membrane|protein complex
en|lysosome|membrane|membrane fraction|plasma membrane|protein complex

led organelle|neuronal cell body|nucleoplasm|nucleus|nucleus|protein complex|soluble fraction|soluble fract
led organelle|neuronal cell body|nucleoplasm|nucleus|nucleus|protein complex|soluble fraction|soluble fract

ɔrk
ɔrk

:ion
:ion

Primer Sequences Used for Single-Cell Gene Expression Analysis

Cell Type	n (cells)	n (mice)
Hopx-Tomato	91	3
ST-LRC Kit-	47	3
ST-LRC Kit+	48	3
LT-LRC (1 month)	95	3
LT-LRC (3 months)	91	3
Bmi1-Tomato	93	3
Lgr5-eGFP	62	3
Lgr5-CreERT2	31	3

sampleID	Group	Areg_A01	Areg_A13	Ascl2_A25
S01	HopX	30	30	30
S02	HopX	30	16.7997	30
S03	HopX	30	19.0883	30
S04	HopX	30	30	30
S13	HopX	30	30	26.7108
S14	HopX	25.4854	30	26.7492
S15	HopX	30	30	30
S16	HopX	30	30	20.0677
S25	HopX	30	30	30
S26	HopX	30	19.3615	30
S27	HopX	30	30	30
S28	HopX	30	23.9961	30
S37	HopX	30	30	30
S38	HopX	30	18.3324	30
S39	HopX	30	18.8597	30
S40	HopX	30	30	30
S49	HopX	30	30	30
S50	HopX	30	17.5337	30
S51	HopX	30	30	30
S52	HopX	30	30	30
S61	HopX	30	30	30
S62	HopX	30	30	30
S63	HopX	30	30	30
S64	HopX	30	18.3344	30
S73	HopX	30	17.9892	30
S74	HopX	30	18.8584	30
S75	HopX	30	30	25.698
S76	HopX	30	30	30
S85	HopX	30	30	30
S86	HopX	30	30	30
S87	HopX	30	30	30
S88	HopX	30	30	30
S01	HopX	30	30	30
S02	HopX	30	30	30
S03	HopX	30	30	30
S04	HopX	28.8945	18.8441	30
S13	HopX	30	19.5636	30
S14	HopX	30	30	30
S15	HopX	30	30	30
S16	HopX	30	19.6626	30

S25	HopX	30	27.2143	30
S26	HopX	30	30	30
S27	HopX	30	19.6808	30
S28	HopX	30	30	30
S37	HopX	30	18.683	30
S38	HopX	30	30	30
S39	HopX	28.7492	17.0072	30
S40	HopX	30	30	30
S49	HopX	30	30	30
S50	HopX	30	30	30
S51	HopX	30	30	30
S52	HopX	30	30	30
S61	HopX	28.2522	19.4857	30
S62	HopX	30	30	30
S63	HopX	30	30	30
S64	HopX	30	30	30
S73	HopX	27.8499	19.5638	30
S74	HopX	30	30	30
S75	HopX	30	19.425	30
S76	HopX	30	30	18.3568
S85	HopX	30	30	30
S86	HopX	25.9688	16.4677	30
S87	HopX	30	19.2232	30
S88	HopX	30	30	30
S05	HopX	30	30	30
S06	HopX	30	30	19.5739
S07	HopX	30	19.6048	30
S08	HopX	30	27.7252	30
S18	HopX	30	19.1026	24.7504
S19	HopX	30	30	30
S20	HopX	30	30	30
S29	HopX	30	30	30
S30	HopX	30	30	30
S31	HopX	30	30	30
S32	HopX	30	30	30
S41	HopX	30	30	30
S42	HopX	28.1182	14.8627	30
S43	HopX	30	24.8859	20.1623
S44	HopX	30	30	28.6028
S55	HopX	30	27.2676	30
S56	HopX	30	30	25.624

S66	HopX	30	19.6066	30
S67	HopX	30	30	30
S68	HopX	30	30	30
S77	HopX	30	30	18.8769
S78	HopX	30	30	15.0511
S79	HopX	30	30	30
S89	HopX	30	30	30
S90	HopX	30	30	30
S91	HopX	30	17.6216	30
S92	HopX	30	16.8058	30

Ascl2_A37	Atoh1_A49	Atoh1_A61
30	16.5972	16.1873
30	17.2412	17.3607
30	30	30
30	20.9517	30
30	16.8576	17.8484
30	17.3296	16.4573
30	17.4552	30
30	19.463	18.7927
30	16.167	16.8538
30	19.374	16.8315
30	18.8551	18.2037
30	20.3596	30
30	17.4058	19.2756
30	16.5336	17.3123
30	18.1965	30
30	18.0803	17.1186
30	18.0451	17.8809
30	18.0746	30
30	20.8977	21.1256
30	18.404	17.0546
30	17.3633	18.9652
30	22.7735	21.7745
30	17.3528	22.0529
30	17.8614	20.2001
30	20.6444	26.1915
30	30	30
30	18.294	17.8708
30	18.1987	17.7056
30	17.3548	17.8344
30	30	30
30	24.6767	22.0463
30	30	30
30	18.5966	17.071
30	30	25.5631
30	18.0202	18.3396
30	18.446	18.7905
30	18.6451	18.9265
30	20.3429	19.1756
30	30	30
30	17.5837	17.3328

30	16.2069	16.0962
30	17.2821	17.6768
30	17.3025	18.6382
30	17.3271	25.1264
30	17.6742	17.4842
30	30	30
30	18.1735	30
30	20.6186	26.2523
30	17.3498	17.5146
30	18.5282	18.8359
30	17.777	30
30	17.6744	18.6047
30	30	30
30	16.7577	15.7605
30	26.6345	30
30	16.3142	17.1621
30	18.2312	18.0836
30	16.9686	17.9268
30	17.4997	16.9598
30	17.4473	17.7695
30	16.9966	17.0213
30	22.2039	30
30	16.8543	16.1718
30	19.1421	18.9289
30	30	17.1816
30	18.4764	17.7534
30	16.3631	17.3488
30	14.41	13.2411
30	17.4239	18.7313
30	17.0986	17.1761
30	18.1488	20.1522
30	20.4206	30
30	25.0939	30
30	26.0129	30
30	17.4882	16.3617
30	17.3377	17.4828
30	21.2195	30
30	15.9146	17.9748
30	17.3624	18.9185
30	14.7451	15.9523
30	18.329	19.0399

30	17.0611	18.6489
30	17.3116	17.6871
30	17.5631	19.9065
30	30	30
16.474	21.5123	30
30	21.3542	21.3754
30	17.5734	17.9684
30	12.5916	12.4428
30	30	26.7491
30	18.6852	24.5409

Axin2_A73	Axin2_A85	Bmi1_A02	
	30	30	16.4582
	30	30	16.0627
	16.3572	18.5135	18.3716
	30	30	16.8502
	26.5197	30	16.5985
	30	30	18.0168
	30	30	16.6652
	30	18.9726	14.2702
	30	30	17.8311
	15.849	18.9574	15.9192
	30	26.4458	16.7252
	30	30	17.4094
	14.3069	16.5345	16.8203
	30	30	16.4799
	16.9409	30	16.7362
	16.835	30	30
	30	30	17.7088
	15.0825	17.7905	16.7057
	18.1438	18.4142	18.5308
	30	30	15.2029
	30	30	17.8291
	18.1263	30	18.0814
	30	30	17.532
	16.7892	17.9163	15.1268
	30	30	18.9568
	14.6551	17.1056	15.4574
	12.9608	15.452	30
	30	30	16.3134
	22.5904	25.8943	20.6482
	17.0079	18.7214	16.1654
	30	30	18.8097
	18.1451	30	16.154
	30	30	17.7144
	15.5627	18.9098	16.3792
	30	30	30
	18.1396	25.0696	18.0722
	30	30	21.3576
	30	30	17.1748
	30	30	25.312
	14.7557	17.5712	16.614

26.5281	30	17.8139
30	30	30
30	30	18.1103
30	30	16.5175
30	30	16.3318
30	24.97	17.2137
30	30	17.3263
18.0243	21.0564	16.0869
30	30	16.5776
16.1135	18.4644	17.924
30	30	17.516
30	30	16.6868
17.1272	20.5676	16.1723
30	30	16.5584
30	30	19.516
30	30	16.6471
30	30	15.821
17.6315	30	17.625
30	30	16.8172
30	30	15.5898
30	30	30
14.7276	18.9349	16.3849
30	30	16.0584
30	30	16.7977
17.5337	19.0894	19.4236
30	18.2718	17.3206
30	30	17.6581
18.5695	22.3872	17.2671
13.42	14.3696	15.342
17.9619	22.485	30
30	30	21.3121
19.2429	19.2196	16.1604
15.5383	17.1981	15.7909
30	30	30
18.2075	30	18.5743
30	30	16.8699
13.0844	13.9758	17.2606
26.8756	30	15.9801
16.3908	18.4057	17.6769
30	30	17.946
16.3482	17.6216	16.0633

15.7142	23.865	16.2012
18.7653	20.6643	22.2853
30	27.4957	20.213
13.3488	15.2238	15.4443
12.4852	13.9565	16.8025
16.2267	18.1909	17.8742
30	30	17.7906
14.9608	17.6946	16.9818
15.0886	18.7753	22.2629
30	30	18.288

Bmi1_A14	Bmpr1a_A26	Bmpr1a_A38	
	18.8571	18.3848	17.153
	16.3228	14.8245	14.92
	18.1198	15.6063	15.6749
	16.3922	14.4402	16.2885
	17.4103	17.3392	15.6938
	17.8581	17.3172	17.8763
	17.1423	30	16.3375
	14.2384	16.4772	30
	17.1881	16.3708	17.844
	17.3384	17.1191	16.123
	14.756	16.1742	16.2501
	17.2706	16.0481	17.1199
	16.2152	13.7084	14.208
	15.8161	17.473	16.9288
	16.5542	16.7874	17.0104
	19.0927	30	30
	17.0539	16.0106	16.315
	15.8639	15.2926	15.2239
	15.1878	14.8197	15.595
	15.8077	17.1564	18.8847
	30	18.8921	14.9472
	16.6784	17.2147	15.0719
	15.9412	30	30
	14.7957	12.9408	14.4217
	15.6053	13.7273	14.8653
	15.7636	14.9045	15.4275
	30	12.7114	13.9835
	14.0683	13.521	14.1932
	21.7438	25.3405	24.1317
	15.1795	14.5043	15.2539
	16.4654	16.6774	17.138
	15.9768	14.3716	16.254
	24.3515	18.5064	17.6697
	18.5967	14.2629	15.4658
	20.6673	18.5668	17.2006
	18.1669	17.4814	16.1401
	17.8129	15.9258	15.673
	16.3474	14.8495	14.9176
	18.6783	16.9862	16.8861
	16.1404	14.1089	13.9685

16.0813	30	18.4701
19.2359	14.1931	14.5238
17.6158	30	17.7813
17.336	17.391	15.5751
16.8871	13.5944	13.8802
17.8227	30	18.7242
18.495	16.976	17.6864
16.6432	14.3003	14.9079
19.7388	30	17.588
15.8437	13.7091	14.0204
17.8458	30	30
16.814	30	16.6798
18.1028	13.7273	14.9029
18.8762	30	18.3676
16.4599	16.5642	30
16.175	17.9946	16.2942
21.0555	17.1768	16.8275
18.2876	16.3014	15.3308
15.5729	26.3747	19.161
15.2875	17.3392	16.8835
30	18.4388	30
15.258	16.5303	16.5908
16.3654	14.3747	14.4728
16.4342	13.9801	14.741
19.8744	30	16.8828
16.387	17.7352	15.5995
16.6474	18.6835	15.8981
17.6815	17.0885	16.9252
14.7154	13.5378	13.7586
18.6498	16.9509	15.8083
16.5086	15.7602	15.4621
15.5858	13.6239	16.8549
13.7882	14.0055	14.917
30	30	18.2745
17.6218	16.5995	30
16.9739	30	30
15.6808	14.6276	14.4166
15.6943	16.1529	16.0153
17.0769	17.3428	16.9695
16.6756	16.5201	15.9504
15.2344	16.4911	18.5376

15.4154	16.5998	21.3537
16.1456	14.2504	14.3615
15.7578	30	17.033
14.8472	15.086	16.0648
16.3669	15.1306	15.6917
17.8633	17.0337	16.4563
17.6813	30	16.5376
15.8484	13.7575	13.702
16.7621	15.5733	16.0552
17.4637	18.5966	18.6273

Ccnd1_A50	Ccnd1_A62	Cdkn1a_A74
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30	30	15.1696
30	30	14.1747
30	30	15.3872
30	25.3459	15.0552
30	30	17.668
30	30	14.4647
30	30	13.5316
30	30	15.6578
30	22.9872	14.534
30	30	13.4581
30	30	15.0664
30	25.6212	13.8353
30	30	14.6528
30	24.3778	14.2091
30	28.0698	17.3747
30	25.6645	14.128
30	22.5851	13.798
30	30	14.79
30	26.6683	13.9913
30	30	16.2215
30	30	14.3982
30	30	15.1814
30	30	14.7355
30	28.7338	15.431
30	30	14.5545
30	30	14.0712
30	30	15.7719
30	30	18.8463
30	30	14.3827
30	30	16.0354
30	30	15.6247
30	30	15.1939
30	26.6496	14.5254
30	30	16.4436
30	20.9807	15.0363
30	30	16.2574
30	24.1497	14.4257
30	30	14.9267
30	24.9943	13.9775

30	30	16.6322
30	30	14.2667
30	22.3106	15.5373
30	30	14.4411
30	26.5562	14.2569
30	30	13.1894
30	22.6821	17.3313
30	23.4701	14.0697
30	30	14.8273
30	22.7172	14.4524
30	21.1096	15.4439
30	21.1962	15.2729
30	30	13.1971
30	30	17.0314
30	30	14.616
30	21.7555	16.2541
30	25.4825	14.5493
30	30	14.1419
30	30	16.0311
30	30	13.9275
30	30	14.8653
30	23.3828	13.3624
30	30	15.5969
30	30	16.0936
30	30	17.0347
30	30	13.4259
30	18.0998	13.7963
21.2845	15.9576	14.1854
30	23.6313	12.4133
30	27.9123	14.0213
20.3806	18.2019	14.8994
30	30	14.2848
16.8498	14.4445	16.0846
30	30	15.7835
30	24.6199	15.1485
30	30	15.0035
30	30	12.7386
30	23.8014	13.6103
30	30	14.1529
30	30	16.9834
30	30	16.1062

30	22.0586	14.8624
21.2236	15.7133	14.8575
30	30	15.6765
17.9461	16.0707	16.6736
17.7812	14.9568	30
30	18.1469	16.5343
30	30	16.0576
30	30	14.3802
30	30	14.1122
30	30	16.2143

Cdkn1a_A86	Cdx1_A03	Cdx1_A15
16.005	20.2051	30
14.9623	19.4332	19.087
15.6297	20.9731	21.18
15.191	19.9453	18.0793
16.3581	20.7598	18.9324
16.4355	21.4483	19.8195
15.3661	30	18.6268
13.5461	16.7009	15.1528
16.854	21.5664	21.4275
15.3444	22.1857	21.1111
13.4301	17.7872	16.6875
15.9456	21.4044	20.0096
13.4666	22.076	18.3984
15.313	21.8103	30
14.679	30	19.0304
17.6341	30	30
13.9072	19.0525	18.1159
13.7476	20.0702	17.0985
14.543	19.3832	16.923
14.6156	20.6206	17.7539
16.3757	26.0759	19.8074
15.5403	25.9142	19.6279
16.4703	25.3538	30
15.5215	19.0571	17.0692
15.2321	20.9667	18.393
14.2997	21.1582	17.9529
13.5692	19.9242	17.6425
14.8265	20.6455	17.9562
15.6638	25.3091	21.6377
14.178	19.2963	17.95
15.5542	30	20.1588
14.1363	23.014	30
15.7194	30	30
15.0507	20.387	18.3301
16.9928	30	30
14.5276	20.9453	21.4171
16.6521	30	21.058
14.4861	22.4005	19.204
15.9492	24.0752	30
14.0875	20.4388	19.163

17.1347	25.0751	19.3393
14.7575	19.782	17.1627
15.8464	24.9331	30
16.0428	30	22.3765
14.2235	19.4893	17.0236
13.8155	20.086	18.056
17.702	23.8401	30
13.6133	19.6845	17.3462
15.9264	22.4936	20.0215
14.8217	19.7217	15.9217
17.1994	27.465	21.7835
15.7241	22.8646	30
12.831	20.2112	18.8632
17.4985	30	30
15.9287	24.5567	19.8864
16.527	22.4924	21.099
15.2416	23.8198	19.4988
14.7612	25.0585	20.104
17.7555	30	30
14.4163	18.8313	16.6498
16.4368	27.3222	30
13.0283	20.5185	19.5957
14.5682	21.4689	18.9842
14.9162	22.5792	19.4618
17.1065	22.2639	24.6636
15.5319	21.335	21.7608
14.811	21.1049	22.5648
14.2759	18.9113	18.587
12.5659	18.7452	19.3668
15.4071	20.0883	30
15.5259	17.7595	19.8602
15.112	19.936	20.4958
17.2603	16.1343	16.8726
19.1423	21.7164	22.0967
17.2459	21.7771	27.9421
15.6737	21.5916	23.9809
13.1589	20.8166	21.3789
14.1091	30	27.1102
15.2174	19.4644	19.5384
18.7064	20.5947	20.6033
19.2774	20.5733	22.0604

16.6632	22.4759	21.5046
14.9969	17.6836	18.6371
15.4226	30	30
18.7105	18.2024	20.0881
30	18.0475	19.0716
17.1469	30	22.5088
16.715	25.3349	21.1786
13.925	19.6182	18.0574
13.8604	22.4163	22.3683
16.9337	22.3542	30

Chga_A27	Chga_A39	Cubn_A51	
	30	30	18.603
	30	30	15.8797
	30	30	30
	30	30	30
	30	30	18.4513
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	30	30	14.8697
	30	30	30
	30	30	16.7326
	30	30	16.8518
	30	30	30
	30	30	18.2273
	30	30	30
	30	30	15.8714
	30	30	14.6134
	30	30	14.5216
	30	30	30
	30	30	30
	30	30	16.4947
	30	30	30
	30	30	13.6321
	30	30	30
	30	30	30
	30	30	15.1559
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	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	15.7164
	30	30	30
	30	30	30
	30	30	16.1674

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30	30	30
30	30	30
30	30	17.8695
30	30	30
30	30	30
30	30	30
30	30	14.4549
30	30	18.275
30	30	30
30	30	17.0308
30	30	17.5239
30	30	14.0185
30	30	30
18.6058	30	16.009
30	30	18.336
30	30	30
30	30	15.6921
30	30	30
30	30	30
30	30	30
18.7929	30	30
30	30	30
30	30	14.4055
30	30	24.4802
30	30	30
30	30	30
30	30	30
30	30	18.8219
30	30	30
30	19.442	24.4168
19.0657	30	22.2435
30	30	18.5045
30	30	27.6081
30	30	30
30	30	30
30	30	30
30	30	18.6659
30	30	30
17.7694	30	30
30	19.0253	30

30	30	30
30	30	30
30	30	19.1643
30	30	19.2958
17.9602	30	20.2052
30	30	18.004
27.5582	19.5578	30
18.7397	30	19.0287
30	30	21.1807
30	30	30

Cubn_A63	Dll4_A75	Dll4_A87	
	18.3045	18.2058	18.6509
	14.746	30	30
	30	30	18.7039
	30	19.8668	18.9394
	30	17.3049	16.8131
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	16.2893	30	30
	30	30	30
	17.3827	18.197	18.6276
	18.2544	18.753	19.8726
	30	30	30
	30	30	30
	30	30	30
	18.4868	18.3515	17.9278
	14.2464	17.886	30
	14.4279	17.5136	16.6385
	30	30	18.786
	30	17.9046	19.083
	30	30	30
	30	30	30
	14.3318	17.9479	17.0991
	30	30	30
	17.1573	30	30
	16.8047	17.7861	18.1767
	16.1351	18.8052	18.7835
	30	30	30
	30	17.4052	18.6325
	14.6256	18.393	17.6486
	16.6033	30	18.0125
	30	18.9103	30
	30	30	30
	30	30	30
	30	30	30
	13.1672	18.8336	21.329
	25.8611	18.3521	19.1801
	30	19.2004	18.5482
	15.0239	17.6567	18.6408

16.2579	30	30
16.2992	30	30
30	19.4654	19.1775
18.2303	18.3305	30
30	30	30
30	30	30
27.1696	17.7032	18.1806
13.9626	17.6916	17.2671
30	17.1533	17.7154
30	30	30
17.1962	30	30
30	18.2508	19.3444
14.2929	19.7007	19.3802
30	30	30
15.1367	30	30
17.3036	30	30
30	30	25.3347
15.5783	19.1456	17.6167
30	30	19.2809
26.813	30	30
30	30	30
30	17.4626	15.4632
30	18.9402	19.4324
14.6517	17.6937	19.341
30	30	30
30	30	30
30	30	30
30	30	15.73
15.514	16.1307	30
18.4833	30	30
30	26.8656	30
14.0082	14.8362	17.482
30	24.2554	30
30	30	30
30	30	30
30	22.5226	30
18.4226	15.1078	18.3648
19.812	18.715	30
17.6182	30	17.0068
30	30	17.8431
18.5112	30	30

18.3706	16.4937	30
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
23.8678	30	30
13.2153	12.8693	16.8796
16.0576	18.6837	30
27.172	30	18.0112

Dvl2_A04	Dvl2_A16	Efnb1_A28	
	20.1199	18.5573	15.5466
	21.6932	18.5594	14.6092
	24.9334	30	15.6917
	30	23.8173	15.2977
	30	16.8306	15.3008
	22.5218	23.2758	17.0844
	30	30	16.0948
	17.2056	30	15.5357
	18.1945	23.5645	16.1473
	30	30	17.7272
	17.4876	16.7285	14.5903
	30	18.601	17.6615
	30	30	15.4403
	30	17.5065	16.6665
	30	30	30
	23.0028	30	20.3359
	30	21.1523	13.5757
	30	20.4965	14.9196
	30	30	15.2605
	17.4528	19.6485	15.1532
	30	18.7316	15.2461
	30	16.7837	16.5295
	24.4342	20.0919	18.8458
	30	30	14.7153
	20.8517	20.8188	15.4429
	18.212	17.3011	14.3535
	30	30	14.0168
	30	19.8002	15.7846
	20.6534	30	17.1837
	21.4465	18.1849	14.6423
	30	21.8853	15.5203
	23.788	23.7248	15.2779
	21.5569	30	16.6308
	23.4192	30	16.7948
	30	21.4541	18.2031
	20.816	21.3505	14.9704
	18.6344	19.2186	17.4173
	30	20.081	15.3777
	17.3392	18.233	17.4119
	18.8062	17.2357	14.4805

18.3016	17.2931	18.0834
22.7833	30	16.6648
18.9285	19.1777	14.9106
18.2238	30	16.0796
18.7636	19.4614	14.1618
22.4237	30	18.3674
30	20.4428	18.0389
23.3375	30	13.4625
30	17.8354	16.746
22.9773	24.801	13.7922
30	30	17.2279
16.2243	16.9671	14.8592
15.7761	15.7078	12.5766
20.6069	30	14.5867
30	18.4649	16.6677
18.051	16.7143	16.7777
30	30	14.9258
21.7302	24.401	16.0801
30	18.5375	15.9944
17.627	17.0023	17.7955
30	30	15.9844
30	30	16.1009
30	18.9219	15.4598
30	18.6468	14.2447
30	18.7597	30
30	30	17.7564
30	17.7305	17.0976
15.5599	21.6858	19.121
18.2678	25.2152	18.2625
30	30	18.7566
30	19.7268	21.545
30	30	23.9805
30	18.4575	17.3039
27.4045	30	30
30	30	18.9023
30	17.8321	17.4036
17.0212	30	17.6727
19.2982	18.6723	17.7678
30	18.6955	17.7606
19.3083	30	30
30	30	16.5003

27.0031	30	15.739
30	30	20.9534
30	30	21.5632
30	30	30
30	25.1254	30
19.4644	17.648	17.1332
30	30	18.9057
17.2743	18.5106	19.3754
30	16.7807	21.2626
18.3	30	18.9347

Efnb1_A40	Epas1_A52	Epas1_A64	
	17.366	17.8617	17.8452
	14.7124	15.2217	15.6268
	15.5556	15.451	17.5928
	17.139	14.7973	14.0758
	16.3497	17.3373	17.157
	15.7946	15.024	30
	17.6776	16.1018	19.3002
	14.4743	18.4082	17.9155
	16.2109	18.0728	17.035
	15.5118	16.0853	15.7647
	14.3739	17.6478	16.3036
	16.5757	16.4348	17.3225
	16.4959	15.5663	15.5816
	15.7643	17.331	30
	16.6733	15.997	16.138
	16.4158	17.5353	30
	14.7897	15.3177	14.8608
	17.9189	14.7584	16.1904
	16.708	15.2795	14.4361
	16.1307	17.1088	16.5557
	16.3624	14.8646	17.14
	16.1209	17.414	18.8485
	21.4866	17.9247	30
	16.6717	14.6026	14.0885
	15.951	15.0645	14.2098
	14.7672	14.0113	14.0317
	15.9783	13.5639	13.2316
	15.6207	15.0111	14.3426
	17.5176	19.1093	30
	15.8874	14.8852	15.267
	15.8152	19.5494	17.6049
	15.8476	14.9709	15.2258
	16.8422	18.6167	30
	15.9969	14.7637	14.1555
	17.0148	19.0879	20.4965
	15.9222	14.6004	14.2024
	17.4106	16.4776	17.1583
	15.6447	15.9009	15.0367
	18.1051	15.3487	17.4532
	15.1216	13.3955	13.4638

16.3663	15.9178	18.6061
16.8009	15.6648	15.7596
15.6168	16.4956	30
16.2183	17.0647	30
15.9862	14.8863	14.1323
15.792	17.1922	30
18.0995	17.2862	18.6507
14.9548	14.043	13.1691
18.986	15.4741	15.1798
15.4373	14.0239	13.7298
17.7105	16.8788	17.6037
15.2596	16.9761	20.2399
14.9135	14.7579	14.0383
15.5914	17.5993	30
16.7763	17.3469	16.9367
15.3672	30	30
15.8641	15.8416	14.8676
15.9132	15.9758	16.1346
18.783	30	17.9079
15.8929	17.0608	17.0796
16.8719	30	19.3326
30	14.4461	14.8271
16.0976	15.4149	15.5966
15.9804	15.0629	14.6749
30	19.0334	19.4485
30	21.3106	17.6221
15.5425	14.8483	15.3248
17.5405	16.6103	16.9873
13.2571	14.8288	13.0717
16.1239	16.4974	16.8714
13.997	14.7114	14.9427
14.7094	15.4436	18.727
13.8346	14.8406	15.0742
27.0493	30	16.3299
16.7773	18.8566	17.6092
16.0728	18.5347	16.4331
13.8637	15.2979	13.7547
15.5857	15.7767	15.6534
15.1855	15.5967	19.0953
30	30	19.1638
16.5012	16.4219	17.6147

30	16.8953	16.3325
13.5645	15.5291	14.9688
16.2127	17.32	16.7639
16.3484	17.4969	18.546
15.3789	16.689	16.323
15.8218	16.4627	15.5091
16.5488	17.3023	30
14.6425	14.5347	13.891
15.8557	16.4347	14.2314
16.3031	16.41	16.4046

Ephb2_A76	Ephb2_A88	Ereg_A05
30	30	30
27.1031	30	30
23.1071	30	30
16.7071	30	30
24.7768	27.7262	30
23.6186	30	30
26.3027	30	30
15.7329	19.839	30
24.7916	19.6027	30
20.2418	30	30
18.115	18.5695	30
24.2315	30	30
30	30	30
20.151	30	30
30	30	30
20.2141	30	30
26.1759	19.7504	30
17.2381	30	17.7679
22.5605	19.6636	30
17.163	17.2287	30
19.0542	30	30
23.1514	30	16.9688
18.2547	30	30
15.7363	19.7153	30
25.7185	30	30
16.7097	18.6284	15.5417
18.6544	30	30
22.3493	30	30
15.8091	18.1118	30
18.0241	19.1549	30
20.4027	30	30
27.6134	30	30
30	30	30
16.8532	30	30
20.1915	30	30
14.887	17.6711	30
17.5929	30	30
15.1911	17.5363	30
16.0433	30	30
16.0356	20.0191	30

21.2286	30	30
15.6059	30	16.7348
18.6342	30	30
17.0482	30	30
18.78	30	30
15.8363	18.1051	30
15.5354	30	30
17.1185	30	30
16.4401	30	30
15.5431	30	30
15.6277	30	30
27.5915	30	30
16.7756	30	30
16.8149	30	30
14.4805	30	30
30	30	30
15.4098	19.5985	30
14.3881	22.5512	30
15.2886	30	30
15.2693	17.1703	30
14.1424	30	30
13.781	30	30
23.3601	30	30
30	30	30
30	25.3683	30
16.146	17.0213	30
16.4495	19.949	30
16.5468	17.0888	30
12.593	18.3404	30
15.7478	15.8132	30
14.1547	14.6314	19.545
15.9244	16.1657	30
14.0386	14.7347	20.5305
30	16.6242	30
20.0964	17.8156	26.0183
17.5189	24.1718	30
13.4225	20.9466	19.3494
15.7305	16.991	30
19.3529	20.0099	30
30	17.1679	19.0746
18.7628	14.3347	30

18.5168	16.2117	20.7185
14.9921	13.1443	17.2907
18.8149	16.2434	30
18.007	12.0783	18.2738
15.7244	14.7433	17.1137
17.3797	16.2807	30
19.5368	11.359	30
14.1122	13.4909	17.8174
14.0752	14.3112	30
17.4963	12.6526	30

Ereg_A17	Fut2_A29	Fut2_A41	
	30	30	17.0005
	30	30	18.8647
	30	30	17.5149
	30	30	19.0043
	30	18.2976	15.4795
	30	30	30
	30	30	18.0613
	30	12.9305	12.9654
	30	30	16.5086
	30	30	19.6919
	30	13.7877	13.7732
	30	30	30
	30	30	20.2684
	30	30	15.8272
	30	30	30
	30	30	18.1527
	30	30	17.7334
	30	30	30
	30	30	18.3267
	30	14.0296	13.7164
	30	30	16.403
	30	30	19.1336
	30	25.3207	16.5486
	30	30	22.6366
	30	30	30
	16.4821	30	16.7923
	30	30	30
	30	30	18.9109
	30	21.0871	16.4676
	30	30	24.172
	30	30	17.285
	30	30	17.9699
	30	30	17.32
	16.7942	30	19.7724
	30	30	30
	30	30	20.1301
	30	30	30
	30	30	17.6233
	30	15.9985	18.0971
	16.609	30	17.9688

30	30	16.7321
22.2947	30	18.4193
30	30	30
30	16.8104	15.9002
30	30	22.7841
30	13.6992	14.0524
30	17.0104	17.3779
30	30	17.3446
30	30	18.3847
30	30	16.8588
30	30	18.1002
30	30	16.4008
30	30	19.9738
30	22.1576	15.708
30	30	17.8186
30	30	16.9709
30	30	16.4017
30	14.5104	17.8033
30	23.2859	17.0244
30	13.458	15.6999
30	18.5026	17.2258
30	18.4001	17.2153
30	30	17.3816
30	30	30
30	30	30
30	30	30
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30	30	30
30	30	30
19.4686	30	30
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
30	30	26.0026

Gapdh_A53	Gapdh_A65	Gsk3b_A77	
	10.6861	10.6212	15.0359
	8.34323	8.33794	16.1325
	10.1287	10.0018	19.6155
	8.64826	8.31046	14.4662
	10.8547	10.6525	16.5623
	10.7935	10.7374	17.7554
	10.1483	10.1007	30
	10.7298	10.717	14.8112
	10.8629	10.8813	16.298
	9.99049	9.98001	16.4092
	10.497	10.4493	14.5852
	10.5686	10.5743	18.0611
	8.4443	8.49768	13.382
	10.6327	10.512	17.8625
	10.4832	10.3935	14.9886
	11.4498	11.4359	17.1196
	9.03259	8.901	14.3913
	8.83662	8.91533	16.2713
	8.90122	9.07708	16.0928
	11.6291	11.8721	15.1386
	10.6281	10.9177	17.3527
	10.7067	10.7582	18.1893
	10.4466	10.6555	18.4031
	8.67345	8.81505	15.0208
	8.48349	8.49181	14.669
	8.33371	8.37775	13.6129
	8.281	8.40715	13.9019
	8.77548	8.86865	14.7379
	12.4931	12.5142	30
	8.86547	8.97698	14.8339
	10.7401	11.0904	16.9249
	8.79448	8.8643	14.9772
	11.7584	11.7231	18.5445
	9.25344	9.0979	15.0782
	10.6308	10.5737	18.3661
	8.83808	8.77901	14.1122
	10.1743	10.1775	15.726
	8.64955	8.63314	14.5003
	9.55021	9.54119	15.8247
	8.11178	8.29853	13.2732

11.6029	11.5911	18.0391
8.70765	8.6582	13.9946
11.5057	11.2633	16.8539
10.0057	10.0128	30
8.05367	8.07539	13.7396
10.9875	10.9593	15.585
11.0087	10.9256	30
8.385	8.40829	13.0513
9.38341	9.4557	15.4203
8.29927	8.38187	14.4963
11.6427	11.9382	18.5508
10.4405	10.6418	15.9594
8.40774	8.40959	13.8459
11.0323	11.18	16.9173
11.5044	11.5623	16.8031
11.4556	11.5088	30
9.31987	9.31144	15.4134
9.68568	9.71358	17.3903
10.8522	10.9299	16.0559
10.5853	10.6209	15.8354
9.84626	9.84856	30
8.48679	8.48742	14.0443
8.68436	8.70297	15.2554
8.87859	8.8932	13.9958
17.7393	11.5978	11.6048
17.2712	10.2253	10.2445
15.9265	9.96483	9.95093
17.6882	11.6465	11.6543
19.4002	8.33701	8.33499
18.2845	10.3026	10.3044
19.9285	9.10061	9.08327
17.7584	9.96064	9.98516
30	9.60075	9.58123
18.6651	12.1109	12.1179
15.6471	11.321	11.3347
30	10.0496	10.05
23.3798	9.4516	9.4441
24.4488	9.25264	9.26277
18.222	10.1897	10.1965
30	13.665	13.804
18.0182	10.8755	11.0167

30	11.2475	11.4323
23.1621	9.01924	9.20993
30	10.764	10.9258
17.7725	11.0336	11.1356
18.6569	11.4079	11.4898
18.807	10.3453	10.4053
17.2644	11.2667	11.3481
20.138	9.29137	9.4391
19.5105	8.74683	8.88415
14.5752	10.8783	10.9839

Gsk3b_A89	Gusb_A06	Gusb_A18	
	16.8676	30	19.1356
	16.284	18.9764	17.3527
	17.5589	30	18.2835
	14.6242	18.3283	18.8948
	16.8692	28.0741	16.4367
	16.1413	30	17.8007
	17.1055	30	30
	14.4153	18.1063	15.6633
	17.2946	30	18.4349
	16.3095	19.3012	18.18
	16.5824	16.3874	15.721
	16.6222	30	23.8853
	14.3367	18.2842	18.055
	16.5914	30	17.7696
	14.6685	30	30
	18.8122	19.1427	17.8709
	14.3563	16.427	16.6817
	14.8079	17.7125	16.4112
	15.163	17.7609	15.7679
	16.7822	18.2743	15.5422
	17.2413	18.9209	19.8295
	17.8909	30	17.3013
	15.9107	30	17.4469
	14.8727	25.3163	16.8249
	14.8538	30	22.6858
	14.0374	30	22.5272
	14.0593	30	30
	14.6801	19.5982	17.1534
	18.2286	30	18.1051
	16.5981	17.2558	15.2585
	17.0668	30	21.642
	15.3776	18.8432	24.1024
	17.8386	30	30
	15.2959	19.5559	16.5416
	18.5711	30	25.5242
	14.1725	16.7943	15.7205
	18.005	30	26.0542
	14.4347	30	30
	17.5745	19.1099	18.8483
	13.6662	17.7122	16.3825

23.4457	30	19.5102
14.2796	17.7886	16.8812
17.4125	19.0458	30
16.4122	30	18.7157
13.5229	30	18.7526
15.7223	16.3517	16.5458
16.5881	30	20.4974
13.0048	22.5142	18.0975
15.8527	15.8871	16.4457
14.6418	18.024	16.9013
30	30	18.2077
19.316	30	18.9524
13.7538	18.7307	17.0656
16.5982	30	17.1971
18.2138	30	17.3157
17.8816	30	17.675
13.8485	18.8387	30
15.9387	30	17.7278
17.0856	19.1032	18.0917
14.7569	16.7763	15.8348
17.5232	30	30
13.3377	19.2077	16.1013
15.4869	30	16.8349
13.9658	19.3689	30
18.9048	21.5434	30
16.3413	17.7083	30
14.9944	16.2528	19.2236
15.1605	15.7528	30
14.7781	14.0985	18.2201
15.4935	30	18.9568
15.6372	14.2738	16.1696
14.3721	16.6785	30
13.6695	14.5433	18.994
30	30	30
16.6418	18.3261	30
30	17.5937	30
13.8051	14.2244	18.4098
14.8828	15.3706	18.2011
26.4057	17.0139	30
14.9455	16.4336	30
16.7986	17.4719	30

16.7827	17.0922	18.267
15.0006	14.9646	16.8882
16.4497	17.7589	19.1311
18.263	15.4965	18.0584
16.3094	15.6467	17.523
15.632	18.4309	30
30	16.6955	28.9383
13.8268	13.1176	19.9051
14.2167	14.9292	18.9765
18.3735	17.6704	19.2557

H6pd_A30	H6pd_A42	Hes1_A54	
	30	27.2706	25.2165
	19.8554	30	17.6443
	30	26.2708	30
	18.7989	17.0462	18.6945
	30	30	30
	30	30	30
	19.7395	30	30
	19.6898	16.274	30
	30	30	20.0446
	18.3161	30	15.9144
	17.9434	17.0966	30
	30	30	17.8965
	18.5677	18.8645	19.6848
	30	30	19.0939
	30	18.8525	30
	30	26.5462	19.965
	17.9532	16.3561	20.5074
	22.578	18.5916	30
	30	19.3266	23.883
	18.3574	17.23	30
	30	30	30
	19.4869	19.2285	30
	30	27.1041	30
	17.1484	15.3689	19.0033
	18.3807	17.9643	18.6407
	19.1374	18.7382	30
	17.8862	18.2996	23.4269
	20.7757	19.0483	17.3922
	30	25.0485	30
	17.4103	16.6277	21.4712
	30	20.6541	20.3032
	18.4142	20.6128	20.6501
	18.6966	18.4566	30
	22.8536	18.7433	18.5063
	19.6559	30	30
	30	23.3894	18.7568
	18.9454	17.5543	30
	30	18.9629	16.6159
	30	30	17.0276
	30	21.7441	30

30	30	30
18.0833	18.8746	24.0217
30	18.7808	23.9842
30	25.3383	19.1331
20.7115	19.6985	18.0046
30	19.8961	30
30	23.6468	30
18.8208	18.9451	18.3914
30	30	30
18.0288	18.0308	19.5443
30	20.9355	30
30	20.3554	17.7414
18.238	17.8633	17.403
18.4571	16.7983	18.2594
22.915	19.6862	30
30	18.6443	30
19.562	18.2861	20.388
19.6353	30	30
30	21.207	30
19.8248	27.9401	30
30	17.6229	30
30	21.9195	18.7539
30	20.4631	19.721
30	21.6793	30
19.3393	30	20.0809
17.5951	20.1863	18.4878
17.0733	30	24.5486
30	18.1	16.8065
15.8228	16.8323	14.9785
16.9401	30	18.465
15.974	17.7182	16.1856
19.9421	21.6895	19.7813
18.6673	30	18.4444
30	30	18.9528
17.6575	19.2778	19.7219
30	20.2769	30
18.8658	18.811	19.6138
18.2264	30	22.1666
18.4563	30	19.9549
30	20.6534	18.2786
16.707	19.9084	17.2889

16.292	19.9695	17.422
16.0584	17.838	16.9314
17.7654	30	19.3417
17.4587	19.4683	17.9109
18.0962	30	21.1941
20.704	19.7926	18.8261
26.3931	18.0266	19.1426
17.3336	15.7445	15.7183
17.5968	30	25.363
18.4061	18.7084	22.61

Hes1_A66	Hes5_A78	Hes5_A90	
	19.957	24.3047	20.1661
	21.0407	25.4258	21.1909
	21.4894	21.3992	21.7232
	15.6422	30	30
	20.3447	19.6694	19.695
	20.6024	19.4423	19.8593
	21.747	23.6362	24.7641
	30	26.8774	30
	17.4983	22.1426	21.2623
	18.5176	30	21.8561
	30	30	30
	18.4723	22.9125	30
	18.8808	30	30
	19.3531	30	19.7916
	20.4832	30	30
	30	30	30
	15.7038	30	30
	30	23.5631	30
	17.8354	30	21.8289
	19.7369	30	30
	30	30	30
	19.3639	21.8098	21.2682
	20.3929	26.7443	22.1536
	17.4448	25.2965	30
	21.631	20.5255	21.3486
	30	30	30
	18.4342	24.3213	22.1639
	15.4881	30	30
	30	20.9665	22.8202
	17.9064	22.9733	25.1185
	17.679	20.7606	27.8986
	30	30	26.8836
	18.5482	30	22.0238
	16.2533	20.4588	21.6388
	30	22.5755	30
	17.5451	30	30
	30	26.681	24.3484
	15.2891	30	30
	17.095	26.7646	22.4471
	21.7821	30	30

20.8535	19.9192	19.6493
18.2137	30	30
18.085	19.9659	23.2842
18.1014	30	30
16.4052	30	30
30	20.1724	22.4175
18.4413	30	30
15.8464	30	30
17.8758	21.6517	30
18.4651	30	30
30	21.3681	21.9498
17.0233	21.1685	21.7548
15.8615	22.9789	24.4402
30	30	30
30	30	30
19.3691	20.0157	21.3181
25.8728	25.7763	30
20.927	30	23.18
30	20.8911	30
30	30	30
30	30	30
16.5517	22.311	26.9951
30	21.386	22.4927
30	30	30
20.3571	18.6772	30
30	30	25.94
30	30	20.3789
17.2704	16.2936	30
18.0544	16.9776	30
30	30	30
17.3492	15.8232	22.1402
30	30	30
14.9394	13.3786	30
30	30	30
30	21.4047	23.0617
30	30	20.8427
18.1777	17.2658	30
17.9449	20.9001	21.9672
22.7912	23.7567	30
30	30	30
30	21.5455	22.5232

17.7582	21.7844	22.1197
15.6762	14.3837	24.8256
30	30	24.8263
15.2615	13.6386	30
26.6584	22.7117	30
30	26.6424	25.8754
18.5647	19.2292	22.7254
18.2196	15.8791	20.96
20.3021	17.0293	27.9796
30	23.4808	20.6316

Hif1a_A07	Hif1a_A19	Hopx_A31
17.3475	17.9048	30
14.1722	13.3585	16.2215
30	15.9173	18.8822
15.2756	15.6525	30
16.5725	22.31	19.0754
18.1589	17.4663	30
17.0452	17.3685	25.7323
14.841	13.8901	13.076
15.96	16.514	16.3688
18.3021	30	30
15.2254	14.1197	12.4304
18.4947	15.9632	30
15.6435	14.2853	13.9672
18.383	30	18.9475
16.945	16.7944	18.0024
30	30	18.8712
15.4513	14.5186	17.5456
15.7345	14.6065	17.3674
15.2638	15.2174	15.9653
17.3628	17.6732	13.7179
17.3075	30	16.3396
30	30	17.2569
16.3946	30	30
14.8693	16.4124	14.7074
13.6706	12.9134	15.6052
13.9124	13.6602	12.9535
14.9849	14.7222	17.0909
14.8315	14.4977	15.7258
26.4127	30	14.5494
14.6569	13.5696	16.2139
30	16.5959	20.0397
15.2473	15.3641	14.8538
18.5824	17.7743	19.2177
17.6022	15.157	14.187
16.9146	30	18.1904
16.1093	16.0719	15.4815
16.519	16.127	17.2913
15.4709	14.5865	17.677
17.5318	17.7859	30
14.0868	13.3802	14.4193

30	30	19.3823
15.0297	14.1438	15.7628
30	21.2704	25.5952
17.8241	14.6986	19.0739
14.4891	13.9459	17.6439
16.4362	16.2944	13.3648
15.8307	16.8737	17.417
15.4541	14.6766	16.7916
17.2312	15.4217	18.34
14.1613	13.0891	15.8315
30	30	30
18.0721	30	30
14.775	13.9778	15.5973
18.2712	30	21.6708
30	30	19.0038
18.0534	30	23.0737
17.1584	17.5253	17.0108
15.2645	14.4115	18.7968
30	30	17.6855
18.4201	15.2436	12.983
17.4714	18.6536	30
14.4325	14.4249	15.1461
14.9032	14.4518	15.9713
14.7664	14.1121	18.9643
30	30	30
21.0472	18.5223	15.8317
20.9089	30	16.0184
30	17.5002	19.7546
30	15.1727	14.7236
30	15.9204	15.5496
22.475	16.5284	14.1765
30	30	16.6697
30	14.1402	13.579
21.807	30	17.6827
25.7706	18.3356	17.614
22.3175	15.564	16.8301
30	15.1849	14.5282
22.7638	15.9614	14.2245
30	16.6893	16.0816
30	16.6158	16.4926
22.3915	17.4012	15.2228

25.0194	18.1638	17.4364
24.2372	14.7736	14.3234
27.3177	30	30
30	16.1927	16.1519
30	15.5654	14.8613
30	17.258	16.4305
21.9142	30	30
23.0815	14.9193	14.2164
30	15.9027	14.7431
21.3225	30	17.5112

Hopx_A43	Jag1_A55	Jag1_A67
30	22.0208	30
16.2037	30	30
18.5873	21.1722	23.9257
30	16.5292	30
18.7898	20.8783	30
30	18.2091	30
26.5269	22.0688	30
12.9936	20.8601	30
16.2827	18.3456	18.6035
30	27.1443	30
12.3635	23.4169	30
30	24.5692	30
13.8337	17.4957	16.7022
19.0176	22.9513	30
18.0013	19.3048	30
18.9712	24.7669	30
17.5499	25.0071	30
17.0536	21.2058	30
15.8322	19.8235	16.7262
13.8138	22.4074	30
16.1506	19.2917	30
17.1692	30	30
30	19.9235	30
14.8414	19.8749	30
16.0482	21.9056	30
12.955	18.9783	30
17.1199	18.796	16.7287
15.6506	30	18.339
14.564	24.158	30
16.178	22.0273	30
19.7865	26.5593	30
14.8454	27.4908	30
19.2201	20.2908	17.2606
14.2204	18.4306	16.9697
18.1994	20.6826	30
15.5436	19.1707	18.6892
17.3411	18.6338	30
17.5666	22.944	16.304
30	23.8846	30
14.368	20.6302	30

19.3508	24.4351	30
15.7543	17.8149	16.2739
27.1377	21.7985	30
19.005	19.3664	30
17.6187	23.0707	18.1434
13.3756	21.2279	30
17.317	22.6693	30
16.9367	24.5639	30
18.2991	20.4344	30
15.7632	19.1387	17.7972
30	22.3664	17.8816
30	21.1508	18.7283
15.7077	16.8166	16.1591
21.7062	22.7014	30
19.266	27.5215	30
22.193	30	30
17.241	22.9403	30
18.8916	22.6271	30
17.8286	20.486	27.1058
13.0034	26.4377	30
30	24.6893	30
15.0992	17.0248	18.372
16.0105	16.6585	18.5704
19.1748	19.9378	30
27.947	27.964	21.4296
30	30	26.2086
25.8936	27.6479	21.7592
16.5972	16.4116	26.0178
16.1248	15.9953	21.383
16.5302	16.4882	21.5568
17.1301	17.2348	24.0706
19.8183	19.7662	17.7585
14.4757	14.3458	16.6981
18.1993	18.0373	19.5068
30	30	21.4099
30	30	20.0495
17.2005	17.0829	22.1964
27.664	30	21.46
30	30	22.642
18.732	18.8052	22.0736
17.3136	17.2258	20.3041

30	30	23.6163
19.4428	19.7376	17.8482
26.3667	26.347	23.9955
13.8502	13.9001	18.6898
14.0399	14.0093	22.1571
17.5235	17.5103	24.3417
30	30	19.0734
14.9315	14.9407	18.2348
15.5363	15.5572	30
30	30	22.1522

Lgr5_A79	Lgr5_A91	Lrig1_A08	
	30	30	30
	30	30	18.2907
	30	30	30
	30	30	17.2027
	30	30	30
	30	30	26.7296
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	24.2028
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	21.3548
	30	30	30
	30	30	17.9063
	30	30	19.0529
	30	30	16.5883
	30	27.038	30
	30	30	30
	30	30	30
	30	30	18.8443
	30	30	30
	30	30	18.039
	30	30	30
	30	30	16.3031
	25.5601	30	30
	30	30	17.4965
	30	30	30
	30	30	18.3736

30	30	30
30	30	17.5288
30	30	27.0997
30	30	30
30	30	16.9721
30	30	18.5488
30	30	30
30	30	30
30	25.5663	21.1905
30	30	14.9005
30	30	30
30	30	30
30	30	30
30	30	30
30	30	18.4014
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
27.8662	30	30
30	30	30
30	30	18.8726
30	30	30
30	30	30
18.4265	30	30
30	30	30
30	30	30
30	30	30
17.2775	30	30
30	30	30
18.3439	30	30
15.3916	30	30
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
30	25.5602	30
30	30	30
30	30	30

18.8153	30	30
17.5551	30	30
22.176	30	30
20.0863	30	30
30	12.543	13.495
27.6736	30	30
30	30	30
17.978	17.2845	30
30	30	30
30	24.1039	30

Lrig1_A20	Lyz2_A32	Lyz2_A44
30	23.9278	16.5707
16.4417	26.4294	18.113
30	23.2917	18.4109
18.0781	23.1079	18.6358
30	22.2392	20.0947
30	24.3061	18.6992
30	22.5168	19.5152
30	22.5825	18.5259
30	22.9937	17.5706
30	23.4809	18.4482
21.2269	21.801	30
26.3827	23.225	18.4686
30	22.8469	30
30	22.0516	17.5756
30	22.7185	18.0061
30	21.7874	30
30	23.8994	18.2237
30	21.8552	17.9573
23.288	22.7108	30
25.7285	23.3956	30
30	21.3706	19.8522
23.8538	21.8571	17.8601
30	22.0094	26.4513
16.1404	21.0695	19.9289
13.7797	23.5589	18.0857
18.1239	24.1579	19.1362
17.3306	23.883	23.1568
16.8415	23.1124	18.8093
19.6796	24.4894	19.4325
30	22.76	18.4205
27.2993	23.4083	18.0057
16.8461	22.7842	30
30	21.6961	21.633
18.7133	23.9485	30
30	21.7934	20.0382
17.551	23.6833	20.2208
30	23.0771	23.0206
16.3658	23.9864	18.6536
30	21.0265	18.1053
16.3787	22.6163	20.0617

30	23.8652	17.2603
18.9029	22.4345	17.7277
30	21.5443	23.8603
30	20.8303	30
18.413	22.9398	17.2485
24.9882	19.0117	17.9284
30	24.0509	18.9675
30	22.196	18.6667
23.4786	23.6141	17.7158
14.6264	20.6604	19.1267
30	23.8258	17.8792
30	21.6153	17.0831
30	21.4141	20.8797
30	23.3964	16.4725
30	21.1437	19.575
30	20.7683	17.4238
30	21.5379	17.7947
30	21.9874	18.7103
30	22.9908	18.0172
18.7309	23.191	19.4484
30	24.8731	18.0022
30	21.5365	30
18.5704	24.2311	18.4381
18.5082	22.341	19.8828
30	30	22.5398
30	30	22.34
30	30	21.5748
17.4326	18.6312	20.6111
18.0184	17.4437	21.1565
26.4991	30	18.3504
15.2094	15.3501	21.4991
18.495	30	20.6147
15.1401	15.6557	20.7794
25.9868	30	21.0538
30	30	19.9493
30	30	21.024
30	30	22.3881
30	30	20.6441
30	30	23.2807
30	23.3828	11.9917
30	30	18.6232

30	30	21.6819
15.4794	16.5347	21.3123
30	30	21.3024
15.4759	16.3769	21.5428
14.6809	12.8893	18.054
30	30	22.473
30	30	21.3569
30	30	21.8685
18.2495	19.0909	21.4807
30	30	21.7468

Msi1_A56	Msi1_A68	Msi2_A80	
	30	30	30
	30	30	16.7685
	30	27.9855	30
	30	24.8001	16.5332
	30	30	30
	30	21.7565	30
	30	30	30
	13.3127	17.5098	13.7562
	30	30	30
	30	30	16.5537
	15.0506	19.9411	13.0202
	30	30	30
	30	30	17.5129
	30	24.8597	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	18.248
	15.4523	30	15.0804
	30	30	30
	30	30	30
	30	30	30
	30	30	17.1156
	30	30	30
	30	30	17.1204
	30	26.7679	17.4555
	30	30	15.5539
	15.8451	17.4665	16.6498
	30	25.872	18.369
	30	30	30
	30	30	18.7642
	30	30	30
	30	22.9896	30
	30	30	30
	30	30	16.8415
	30	30	18.3309
	30	30	15.8104
	30	26.1768	30
	30	30	17.46

30	30	30
30	30	17.6784
30	30	30
30	30	18.0649
30	21.9962	16.7626
14.8862	18.8179	16.2308
30	30	30
30	30	30
30	30	30
30	30	15.9726
30	30	30
30	30	18.6652
30	30	16.0421
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
15.7869	18.2449	15.3409
30	30	30
30	30	30
30	30	18.5572
30	30	17.4183
16.7798	30	30
18.5013	30	30
17.9583	30	30
25.8748	30	30
18.5321	30	30
16.8757	30	30
18.9227	30	30
18.0012	30	30
18.2102	30	30
30	30	30
25.9	30	30
17.8957	30	30
20.9399	30	30
17.0604	30	30
24.4516	30	30
12.0789	28.5637	30
20.505	30	30

20.6738	30	30
19.0611	30	30
22.9808	30	30
27.2609	15.2863	17.6182
17.2157	15.1828	17.6335
17.3672	30	30
18.2375	30	30
21.0843	30	30
19.5167	30	30
17.7975	30	30

Msi2_A92	Myb_A09	Myb_A21
30	30	30
17.5067	30	26.0163
20.2352	30	30
18.6747	30	30
17.2601	30	30
30	30	30
24.1087	30	30
15.3171	17.4613	18.6335
25.6357	30	30
22.3367	30	30
14.2106	18.2385	30
20.4738	30	30
24.7713	30	30
21.2281	30	30
30	30	23.7847
30	30	27.4676
30	18.9015	30
28.2609	30	26.7737
18.5934	30	30
16.1932	30	30
18.6839	30	27.2949
30	30	30
30	30	30
17.8235	30	21.9985
18.7649	30	30
22.997	30	26.2738
19.3383	30	24.4988
16.4745	30	21.9644
17.3719	19.4805	26.3553
17.9183	30	30
30	30	23.1571
30	30	27.0831
25.7854	30	30
25.7291	30	27.8866
27.1758	30	30
16.6922	30	30
19.0841	30	30
16.2522	30	30
30	30	26.7434
27.1163	30	30

30	30	22.0253
18.6536	30	25.1732
26.9996	30	30
16.6988	30	30
20.6694	30	30
17.2886	30	30
30	30	30
30	30	30
30	30	30
16.9083	30	30
24.4749	30	23.2533
30	30	26.2473
17.6379	30	30
30	30	23.0824
25.499	30	30
18.1449	30	30
18.7314	30	27.4867
30	30	30
26.0592	30	25.9343
14.6406	30	30
30	30	30
30	30	30
19.6574	30	26.9499
24.9716	30	30
18.6431	20.4798	30
30	27.1805	30
18.3429	20.6827	30
16.843	19.2789	30
18.5455	20.3521	18.2917
18.1612	25.5374	30
15.4439	17.2158	30
30	20.9918	30
15.1788	16.9739	14.0561
30	19.7468	30
18.3123	21.2008	30
30	25.642	30
18.1661	18.7119	26.7381
18.4446	30	30
30	19.4707	30
17.4713	17.7526	16.4958
30	23.94	30

18.5598	27.2671	30
15.8538	16.4718	17.2019
30	25.6963	30
15.9889	17.3798	13.1868
16.2159	17.186	14.5724
21.4374	18.8476	27.2163
25.2229	21.7704	30
18.0031	18.6816	18.321
17.5448	19.5621	30
18.5301	22.7741	30

Myc_A33	Myc_A45	Notch1_A57	
	30	30	21.7764
	30	30	20.923
	30	30	21.4782
	30	30	21.0057
	30	30	19.124
	30	30	16.7455
	30	30	23.0659
	30	30	25.6428
	30	30	20.556
	30	30	19.8322
	30	30	19.4203
	30	30	18.1351
	30	30	19.9571
	30	30	18.0402
	30	30	19.215
	30	30	20.5637
	26.6465	30	18.5608
	30	30	17.4764
	30	30	21.2317
	30	30	21.9206
	30	30	21.0486
	30	30	20.2311
	30	30	18.4181
	30	30	18.9118
	30	30	21.2587
	30	30	20.5691
	30	30	21.9225
	30	30	17.8149
	21.4189	30	22.0908
	30	30	20.9708
	30	30	24.9274
	30	30	19.5861
	30	30	20.9094
	30	30	23.4636
	30	30	20.8191
	27.4749	30	15.9329
	30	30	18.7401
	30	30	16.8952
	30	30	17.62
	30	30	16.3066

30	30	24.6093
30	30	16.1133
30	30	19.0462
30	30	17.2481
30	30	17.7699
30	30	17.3711
30	30	17.6705
30	30	18.4678
30	30	15.9817
30	30	17.4284
30	30	16.7822
30	30	18.1807
30	30	23.9628
30	30	16.3707
30	30	16.0154
30	30	17.1676
30	30	17.2237
30	30	16.2632
30	30	17.8363
30	30	18.8075
30	30	15.7595
30	30	15.0455
30	30	23.0604
30	30	19.8819
18.6408	18.3067	19.1199
17.8474	30	30
30	30	18.0672
23.9127	16.0115	16.0323
30	30	30
21.4563	30	30
30	13.911	14.9059
30	18.2347	30
13.6831	14.604	14.6153
30	30	30
18.6664	30	30
30	30	30
26.9927	17.0639	18.5753
30	30	30
19.2982	18.0009	30
17.5347	18.0877	30
30	30	30

30	30	30
15.9461	17.9847	30
27.5096	30	30
13.6424	13.1588	13.6691
14.1929	12.8202	14.1788
30	30	30
30	30	30
18.2883	30	30
26.8059	15.8141	16.3826
30	30	30

Notch1_A69	Numb_A81	Numb_A93	
	30	16.7035	14.3119
	30	16.5229	14.2633
	30	23.6299	15.6596
	30	16.9711	14.5417
	30	17.1819	15.8959
	30	17.3741	14.7389
	30	17.1432	16.5401
	30	18.4732	15.0981
	30	18.0046	15.2533
	30	18.2952	16.7144
	18.1823	18.7175	15.9661
	30	18.2084	15.285
	30	15.2267	14.7853
	30	18.713	15.2165
	30	30	15.8526
	30	22.3247	16.3619
	30	16.2023	14.5965
	30	15.1122	13.7996
	30	16.9488	16.1379
	30	17.9291	16.6816
	30	17.3973	15.3283
	30	16.9749	16.05
	30	19.0892	16.3224
	30	16.0424	13.6649
	30	17.2355	14.3238
	30	16.0516	13.5118
	30	14.6927	12.862
	30	16.6653	14.5148
	30	30	30
	30	16.5029	14.4858
	30	18.1451	14.784
	30	16.9337	14.4378
	30	18.1723	16.8458
	30	15.5518	14.6422
	30	19.1667	15.2965
	30	15.4078	14.0845
	30	15.8013	14.6333
	30	16.5114	15.0181
	30	16.7829	15.6933
	30	15.3734	14.4173

30	20.8875	17.0771
18.3268	15.3547	13.8247
30	17.1406	15.2347
30	18.6329	16.0406
30	15.3113	14.2272
16.746	21.0059	17.662
30	17.2279	15.1462
30	13.9958	12.794
30	16.5179	14.7936
30	15.69	14.7656
30	18.1502	17.7827
30	16.3505	15.4735
30	14.6571	12.7253
30	18.421	17.6685
30	17.917	17.075
30	19.0549	15.7985
30	19.8191	13.9675
30	16.6003	15.4356
30	16.3727	15.9688
18.2963	18.9885	15.8497
30	30	15.1064
30	17.2617	14.046
30	15.9263	14.3853
30	15.5678	13.6549
22.8769	30	19.6193
20.8077	30	16.2254
17.9492	30	16.8458
19.6387	30	17.9862
17.7918	30	13.3921
16.5211	30	17.7889
16.5353	30	14.9495
17.3345	19.7458	16.4037
16.2788	16.6647	15.9085
16.9715	30	18.5382
18.1344	30	30
19.8377	30	16.6142
23.3727	30	14.5793
18.3602	30	15.0137
20.9085	30	18.0845
22.7977	30	18.0668
17.8296	30	16.9813

20.2148	30	17.8624
14.5102	30	15.8555
17.3485	30	18.0842
13.9261	17.5575	19.3124
15.4081	16.9728	17.2641
16.0959	30	16.1355
12.9356	30	27.0448
15.3273	30	15.4387
16.2182	30	15.9942
14.2027	30	15.9305

Olfm4_A10	Olfm4_A22	Pcna_A34	
	18.7537	19.273	17.1226
	30	30	15.9128
	18.9389	30	17.6415
	30	22.0556	17.3227
	30	30	19.2792
	18.6961	30	15.7189
	30	30	16.5274
	18.6908	21.5512	16.3127
	30	30	17.1816
	30	20.2962	15.6219
	18.8283	17.5018	15.2516
	30	30	16.373
	30	19.9954	15.7871
	30	22.7295	21.5749
	30	30	16.3613
	30	23.8636	16.8278
	30	19.1484	16.7212
	30	20.2343	15.9493
	30	30	15.9684
	30	17.4567	17.1541
	30	30	19.2314
	30	30	16.0504
	30	30	18.5822
	30	30	15.4267
	17.2555	20.1642	16.2271
	30	17.7268	17.8249
	30	21.8264	15.4433
	30	30	14.9523
	30	30	20.0731
	30	30	15.0115
	30	30	16.6565
	30	18.9188	15.1501
	19.6135	30	18.9189
	30	30	16.258
	19.7077	30	16.975
	30	23.1915	14.6611
	30	30	16.2338
	30	25.9325	14.789
	18.5658	30	16.9226
	30	19.7145	16.0374

30	19.1735	18.3952
30	30	16.5941
30	30	17.6061
30	30	15.5501
30	30	15.2307
30	19.2251	16.3856
30	30	16.336
30	23.3021	14.9336
30	30	15.4814
30	18.1491	14.8948
30	30	16.7429
17.3672	25.5876	17.8216
18.4403	19.2728	15.0025
18.3757	30	18.2407
30	30	17.5524
30	22.5354	19.0332
30	23.0404	17.6118
30	19.3056	17.5227
30	22.8364	16.6019
30	17.974	15.8834
30	30	18.828
30	24.3452	15.6973
30	23.1971	15.7007
17.5719	18.7321	16.3651
17.2096	16.2831	16.7011
15.6977	16.4033	16.2407
14.9818	17.9027	15.4811
15.8842	30	20.5171
13.221	16.7453	15.7842
13.5308	16.1158	15.5365
14.4091	30	14.6437
15.1204	27.2651	15.4525
15.3179	17.566	15.2306
18.6217	20.0147	17.6206
17.3402	17.9407	15.8472
14.9216	30	15.8232
14.0277	17.0328	14.5616
14.5796	18.254	14.682
16.2477	16.7359	15.3759
19.7048	30	17.4175
17.3057	17.8449	20.9274

17.0378	30	17.1814
14.0478	17.8476	14.2405
15.4388	30	15.6049
18.5442	11.57	13.8419
16.6383	9.05979	14.239
15.2816	18.7116	15.8751
17.6283	30	17.861
14.2907	19.0164	15.7934
13.9098	15.7486	15.7062
15.2117	18.9079	16.2579

Pcna_A46	Ppargc1b_A58	Ppargc1b_A70	
	15.9165	16.0732	14.222
	14.1785	16.1965	14.225
	17.5415	30	15.0619
	14.9174	15.3988	13.6526
	17.0976	30	25.8022
	15.2486	19.3033	17.553
	15.3898	18.1223	14.238
	14.8647	18.433	30
	15.4683	15.3509	13.3348
	14.8563	17.1329	17.7536
	14.6138	30	30
	16.4075	18.1798	14.1969
	13.6198	14.3796	13.466
	16.3547	30	30
	16.5508	18.5576	14.6153
	15.9303	17.6863	17.6933
	13.8307	15.7775	12.9272
	13.9077	14.8563	13.4201
	14.1514	17.2376	15.7138
	17.9805	30	17.0884
	15.3275	16.7195	14.5326
	17.7277	30	15.2228
	15.4708	30	22.2169
	15.121	15.8701	14.0059
	14.5963	16.0952	13.8121
	14.5796	15.834	13.6302
	15.218	14.5628	13.6761
	14.9235	15.5695	14.4603
	18.8257	30	30
	13.6898	16.4673	15.3666
	15.3076	15.8957	14.0917
	14.084	16.306	14.2993
	15.9394	30	17.2164
	16.2812	15.8617	13.9629
	15.3012	17.3793	15.705
	14.1626	15.1998	13.9103
	16.0535	14.9054	14.5071
	13.0949	15.1891	12.888
	17.8568	17.4577	15.0288
	14.5869	13.8166	12.5657

15.3701	18.2457	14.9008
15.0958	15.5036	14.8491
16.5327	16.9097	14.5316
13.9012	30	30
14.3558	15.4501	12.9572
15.9641	17.308	17.5775
17.521	15.583	15.999
13.415	16.177	14.3905
13.8725	17.499	18.0736
14.3815	14.924	14.0753
30	16.2391	14.7552
16.3524	30	19.1065
13.6851	14.0919	13.2805
18.0145	30	30
18.1227	17.3743	15.9225
17.9315	30	17.8002
16.0622	15.8425	14.0535
16.1966	18.3942	15.1888
16.3407	19.5752	17.4324
14.3345	30	30
16.8617	30	30
15.0349	16.0441	13.166
13.8244	15.9361	15.2925
14.4305	16.4049	14.626
16.1922	17.6676	16.5162
14.9958	18.5821	18.0821
15.4617	16.1488	13.3213
17.1413	18.3803	16.7146
14.1849	14.3647	12.7971
17.0849	25.9242	17.3938
13.6629	14.5263	12.6333
14.1823	18.489	17.8634
14.0574	15.8507	13.3754
17.7362	30	26.3344
16.429	17.7275	16.0056
15.7232	17.3799	16.9828
13.7353	14.7264	14.7062
14.2027	18.0732	15.6652
15.1143	18.4249	30
17.4396	30	18.2089
18.6824	30	15.2596

16.0872	16.8799	30
13.6007	17.185	15.6942
16.2799	30	30
13.8109	18.4719	14.891
13.8598	18.3943	16.0166
16.9997	16.8325	16.0801
16.0657	30	18.1259
13.9114	14.535	13.6753
14.0919	18.232	14.1702
15.4083	16.4507	16.6107

Rhoa_A82	Rhoa_A94	Saa2_A11	
	13.2221	13.9562	21.1749
	11.9494	13.8645	30
	13.1956	14.8519	22.4678
	12.1462	14.2131	30
	13.7154	15.3306	21.3419
	13.4481	15.4494	25.3789
	13.8701	14.1347	25.4379
	12.1287	13.3011	30
	13.1556	14.267	21.7003
	13.4554	13.7936	19.9544
	11.8809	12.7621	30
	13.4807	15.0519	21.6775
	11.2691	13.6184	21.1165
	14.1385	14.2998	19.3202
	13.7864	15.3463	20.3952
	16.6294	15.6973	20.8658
	12.4371	14.6553	30
	12.0885	13.8698	22.1789
	13.1324	14.126	23.2137
	13.4159	14.1856	30
	14.1422	15.7004	30
	14.1975	14.1474	30
	13.3943	14.8487	21.8975
	12.0539	14.1352	30
	11.7689	12.9828	30
	11.7518	13.8244	30
	12.2331	13.5376	30
	13.0235	14.7846	23.1208
	14.2555	15.1013	30
	11.7402	13.4599	30
	13.3938	13.9642	30
	12.6152	13.5768	30
	16.0431	17.0033	30
	12.5663	13.8051	21.6533
	13.563	14.9698	30
	11.6586	14.1417	21.1765
	12.864	14.5117	21.7512
	11.5868	13.805	19.6337
	13.6504	14.8523	27.0275
	11.3681	13.299	20.6186

13.8656	16.2215	21.4258
12.3597	13.8379	25.9881
14.4025	13.5967	23.3133
13.4178	15.3143	17.5874
12.0846	13.9056	23.5625
12.9322	14.0805	21.8361
14.493	16.4203	20.9889
11.625	13.3399	30
13.0656	14.4563	19.563
12.0231	13.8437	30
14.4914	15.1615	24.9585
14.1746	15.3249	20.3813
11.6075	13.2229	30
14.9694	14.6274	21.0639
14.0094	13.4369	24.8603
14.8023	15.0932	20.2396
12.8219	13.476	22.1894
12.5626	14.4081	20.9449
14.0294	14.6426	30
13.5287	14.1843	21.8163
13.3346	14.1961	30
11.9008	13.9	23.1433
12.3365	13.5801	30
12.609	13.3613	30
14.5723	15.328	30
13.7255	13.9223	30
12.6012	13.6289	18.7822
12.1981	14.0767	20.2461
11.7348	12.8631	23.8891
12.7333	14.3657	30
12.0161	13.1423	21.7475
12.6628	13.9062	21.9271
11.5419	12.2182	30
14.9114	15.852	30
14.2001	15.6441	24.0029
13.7075	14.0542	18.9374
12.0776	12.7078	25.086
12.1989	12.8127	18.8214
14.091	14.6199	30
14.0199	15.2295	30
14.3527	16.3568	30

13.8196	14.3993	18.8772
11.9166	12.9169	19.2074
14.3394	14.3403	23.0387
12.8835	13.9347	17.8348
13.4647	14.1894	30
14.1744	14.127	18.5835
14.6714	15.3526	21.8061
12.0049	13.6879	19.9938
13.2008	13.7938	30
15.5089	14.9588	30

Saa2_A23	Sirt3_A35	Sirt3_A47	
	15.7378	30	18.5028
	18.9714	17.1094	15.803
	18.7842	18.8152	17.9208
	30	18.4086	19.0814
	17.6361	19.6978	20.341
	16.2267	19.0645	17.1751
	26.3117	30	18.2551
	30	18.2738	16.905
	16.5056	22.0144	30
	16.8952	17.6207	15.7857
	17.786	30	30
	17.6283	20.8197	18.357
	16.9494	15.3618	15.5456
	16.5431	18.9828	20.8939
	17.6454	30	30
	16.8215	30	30
	18.8483	17.0098	21.3037
	21.6501	16.7356	17.7054
	26.181	17.6676	30
	20.3064	30	26.0793
	18.8111	19.0186	30
	23.6912	18.6479	18.2903
	17.1676	26.4659	30
	30	16.4435	15.0595
	17.318	16.2984	15.485
	19.3535	16.7073	15.7222
	30	16.3395	16.9589
	22.0471	16.5815	15.7046
	18.7154	26.1178	17.1861
	21.6245	15.8041	15.0624
	22.0034	22.7163	16.9109
	30	18.5601	17.331
	17.9367	30	18.5204
	18.7795	15.4124	14.894
	21.6011	30	18.6592
	18.7183	17.6506	17.7253
	25.4461	20.042	17.4238
	17.6446	21.988	16.2559
	18.658	19.3851	18.5758
	18.9353	16.4023	15.9508

16.1281	18.4827	30
18.3169	16.7865	16.8947
17.829	30	18.498
16.3928	30	30
17.1011	15.7233	15.607
18.3007	30	18.6826
19.4693	24.0502	19.7859
18.6011	17.438	17.345
18.1981	18.8231	18.2274
30	30	16.1039
23.1781	30	30
15.3792	30	16.8535
17.2578	17.2356	20.8281
16.0863	21.727	30
18.6453	20.6915	15.9502
16.2308	18.8224	17.5601
17.2051	18.493	16.5811
18.782	17.961	17.6372
17.8379	25.7476	30
17.7301	30	30
21.6204	21.9561	30
17.7441	18.0769	19.4252
17.9583	17.4769	16.7114
18.6555	16.7683	16.0068
19.0155	25.5599	30
15.9914	30	17.9457
16.4046	18.1753	16.3571
22.2309	17.1691	17.2446
20.2277	17.6818	17.9567
25.5062	18.1867	18.6077
18.6777	19.3687	15.391
19.5662	21.3796	30
18.3027	19.6975	16.5777
30	30	30
18.4502	30	30
18.9267	30	30
18.4257	17.2537	18.0954
16.5353	21.8425	30
18.5289	18.843	17.3788
30	30	18.2816
18.1421	30	17.249

16.7745	18.8335	30
17.1341	17.3255	20.7645
16.5819	18.8894	30
16.94	18.853	19.8984
19.1217	30	30
17.5173	19.5957	17.4789
15.8232	30	30
19.2118	16.1655	16.3471
22.027	16.3849	16.159
16.9609	30	18.352

Sox9_A59	Sox9_A71	Tat_A83	
	30	21.9232	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	26.7149	30
	30	30	30
	11.6736	21.0831	30
	30	30	30
	18.4131	30	30
	12.7664	21.5687	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	13.1045	22.2906	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	14.5311	27.8794	30
	17.6331	30	30
	30	30	30
	30	30	30
	30	27.2933	30
	18.6621	30	30
	30	30	30
	17.654	30	30
	30	30	30
	17.8199	28.4178	30
	30	30	30
	30	30	30

18.9672	30	30
30	30	30
30	30	30
30	30	30
30	30	30
13.0011	23.6514	30
30	30	30
30	26.8387	30
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30	30	30
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23.9826	30	30
30	30	30
30	30	30
30	30	22.6874
30	30	30
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30	30	30
12.5743	22.391	30
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
18.9782	30	30
30	30	30
30	30	30
18.8034	30	30
18.8614	30	26.6306
17.3337	30	27.3488
30	30	25.2077
15.5607	26.056	30
17.8976	30	30
30	30	30
30	30	30
30	30	30
30	30	25.8453
30	30	30
15.5909	25.0207	30
30	30	26.2343

30	28.9605	30
30	30	30
18.9909	30	30
14.4919	23.8834	30
13.0347	22.8602	30
30	30	30
30	30	19.2277
30	30	18.6507
16.5125	30	30
30	30	30

Tat_A95	Tcf4_A12	Tcf7l2_A24
30	18.64	19.2471
30	16.4704	19.8112
30	17.11	19.8912
30	16.0207	19.4106
30	18.6571	20.932
30	16.299	21.9872
30	14.8979	18.1932
30	13.7693	17.7683
30	17.643	21.1961
30	15.8865	17.9539
30	14.4468	17.3518
30	18.1001	19.4096
30	16.2183	19.4053
30	17.0406	21.1058
30	17.3348	20.1424
30	18.7921	21.4249
30	15.9561	20.8683
30	14.6791	18.1381
30	14.8899	18.9441
30	17.3628	20.4767
30	18.4454	30
30	16.5512	18.985
30	16.6368	30
30	14.9697	20.0369
30	14.2334	18.0362
30	13.482	17.6448
30	13.7602	17.6104
30	13.6388	16.942
30	18.9199	30
30	14.9868	18.1645
30	16.9226	20.5434
30	15.3169	22.3055
30	17.6516	19.7439
30	15.271	18.5277
30	18.9133	30
30	15.8093	21.3751
30	15.1696	18.3778
30	14.907	18.3753
30	16.4368	22.3556
30	15.8402	18.3097

30	17.612	19.3647
30	15.8083	18.0525
30	16.1729	20.537
30	16.7014	20.4424
30	13.8318	18.4991
30	16.9297	19.3985
30	16.7054	22.5286
30	15.9954	18.9044
30	16.1852	19.7163
30	16.8349	25.1871
30	18.6844	20.608
30	18.3134	18.7317
30	13.645	18.3157
30	17.4666	18.7185
30	16.5554	19.7121
30	17.1621	21.1412
30	17.0134	19.9077
30	17.0215	19.0421
30	16.8484	19.246
30	18.6418	22.639
30	17.9537	22.2314
30	14.5839	18.192
30	14.836	19.0509
30	15.0546	19.46
30	17.9146	20.0462
30	17.3369	21.0601
30	16.5182	19.3486
30	16.0007	20.3451
30	15.3661	17.7494
30	16.1113	18.5682
30	15.8776	18.3282
30	16.2402	18.8867
30	17.5924	20.4857
30	17.0477	18.2478
30	18.7374	19.3798
30	16.2044	19.9856
30	15.48	18.9729
30	14.8775	19.1036
30	16.196	19.0819
30	14.8941	19.1041
30	16.4817	19.36

30	16.4499	19.1736
30	15.5106	18.8283
30	16.6822	20.1971
30	14.788	19.1677
30	16.252	23.5254
30	23.3387	27.8561
30	21.3924	30
30	14.041	18.8986
30	14.323	19.8755
30	16.6014	20.4418

Tert_A36	Tert_A48	Wnt3_A60	
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
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	30	30	30
	30	30	30
	30	30	30
	30	18.1472	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	30	30	30
	17.898	30	30
	30	30	30
	30	30	30
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	30	30	30
	30	30	30
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	18.743	19.4602	30
	30	30	30
	30	30	30
	30	30	30
	18.0404	18.8719	30

26.4394	30	30
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30	30	30
30	30	30
18.1708	20.4475	30
30	30	30
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25.3686	30	30
27.5448	30	30
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26.6292	30	30
24.1772	30	30
30	30	30
30	30	30
30	30	30
30	30	30
30	30	30
26.963	30	30
30	30	15.3833
30	30	22.4613

24.9765	30	25.7313
16.161	30	30
26.9354	30	30
18.5207	30	30
30	30	30
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30	30	30
30	30	30

Wnt3_A72	Wnt6_A84	Wnt6_A96	
	30	30	24.8665
	30	30	30
	30	20.2969	30
	30	30	30
	30	30	30
	30	30	24.1969
	30	19.1111	22.8589
	30	30	30
	30	30	30
	30	30	26.4196
	30	30	30
	30	30	30
	30	30	22.319
	30	30	22.0164
	24.7085	30	30
	30	30	24.902
	30	27.3786	23.0444
	30	30	30
	22.7814	21.5252	22.6959
	30	30	30
	25.6996	30	26.1841
	30	30	30
	18.7939	30	30
	18.9461	30	30
	30	20.1157	22.6191
	30	30	28.273
	30	21.2716	22.7009
	23.6789	20.3758	21.6549
	30	30	30
	30	21.1916	25.4126
	30	30	25.5304
	30	30	30
	30	30	30
	30	30	28.1133
	25.3189	30	30
	30	30	30
	30	30	30
	25.2347	30	30
	30	30	25.1023
	30	30	26.1672

27.5185	30	23.9743
21.8069	30	25.6504
30	30	30
24.6134	30	30
25.7223	30	30
30	30	30
23.2681	30	30
22.6939	30	30
22.4764	30	26.3423
30	30	25.6957
30	30	24.7583
27.593	30	30
19.0263	30	30
30	30	22.7308
19.3875	30	30
30	30	30
30	18.932	20.35
30	22.5092	21.8996
27.9549	30	30
30	30	25.4018
24.477	30	30
30	30	30
30	30	30
30	20.0801	23.1372
30	30	30
26.8418	30	30
26.159	30	28.7086
27.7779	30	30
30	30	26.908
25.3648	20.5031	26.1186
30	20.9488	23.8781
22.8066	30	30
18.867	30	30
30	30	30
30	30	30
21.8727	30	30
30	30	27.6953
30	30	27.5794
30	30	25.8843
16.6492	30	30
19.5987	30	30

30	20.072	23.8267
20.9156	30	30
30	30	22.4946
30	30	30
25.3931	30	27.366
24.9081	30	30
22.793	30	30
30	19.9009	22.4236
18.9323	30	28.3992
30	30	30

sampleID	Group	Areg_A01	Areg_A13	Ascl2_A25
S33	GFP_c-Kit_neg	30	30	30
S34	GFP_c-Kit_neg	30	30	30
S35	GFP_c-Kit_neg	30	30	30
S36	GFP_c-Kit_neg	30	30	30
S37	GFP_c-Kit_neg	30	30	30
S38	GFP_c-Kit_neg	30	30	30
S39	GFP_c-Kit_neg	30	30	30
S40	GFP_c-Kit_neg	30	30	30
S41	GFP_c-Kit_neg	30	30	30
S42	GFP_c-Kit_neg	30	30	30
S43	GFP_c-Kit_neg	30	30	30
S44	GFP_c-Kit_neg	30	30	30
S45	GFP_c-Kit_neg	30	30	30
S46	GFP_c-Kit_neg	30	30	30
S47	GFP_c-Kit_neg	30	30	30
S48	GFP_c-Kit_neg	30	30	30
S65	GFP_c-Kit_neg	30	30	30
S66	GFP_c-Kit_neg	30	30	30
S67	GFP_c-Kit_neg	30	30	30
S68	GFP_c-Kit_neg	30	30	30
S69	GFP_c-Kit_neg	30	30	30
S70	GFP_c-Kit_neg	30	30	30
S71	GFP_c-Kit_neg	30	30	30
S72	GFP_c-Kit_neg	30	30	30
S73	GFP_c-Kit_neg	30	30	30
S75	GFP_c-Kit_neg	30	30	30
S76	GFP_c-Kit_neg	30	30	30
S77	GFP_c-Kit_neg	30	30	30
S78	GFP_c-Kit_neg	30	30	30
S79	GFP_c-Kit_neg	30	30	30
S80	GFP_c-Kit_neg	30	30	30
S49	GFP_c-Kit_pos	30	30	30
S50	GFP_c-Kit_pos	30	14.1627	30
S51	GFP_c-Kit_pos	23.181	12.0719	16.4291
S52	GFP_c-Kit_pos	30	30	30
S53	GFP_c-Kit_pos	30	30	30
S54	GFP_c-Kit_pos	28.4447	15.3828	30
S55	GFP_c-Kit_pos	28.9863	17.3198	30
S56	GFP_c-Kit_pos	30	30	16.4002
S57	GFP_c-Kit_pos	30	30	30

S58	GFP_c-Kit_pos	30	15.6987	30
S59	GFP_c-Kit_pos	25.3579	13.5341	30
S60	GFP_c-Kit_pos	30	30	30
S61	GFP_c-Kit_pos	24.4688	16.2367	30
S62	GFP_c-Kit_pos	30	19.8389	30
S63	GFP_c-Kit_pos	30	30	30
S64	GFP_c-Kit_pos	24.8087	13.8298	30
S81	GFP_c-Kit_pos	30	30	30
S82	GFP_c-Kit_pos	30	30	30
S83	GFP_c-Kit_pos	30	30	30
S84	GFP_c-Kit_pos	30	30	30
S85	GFP_c-Kit_pos	25.0233	14.1363	30
S86	GFP_c-Kit_pos	30	30	30
S87	GFP_c-Kit_pos	30	23.2403	30
S88	GFP_c-Kit_pos	22.0641	13.5491	15.6414
S89	GFP_c-Kit_pos	30	30	30
S90	GFP_c-Kit_pos	30	30	30
S91	GFP_c-Kit_pos	30	15.5233	30
S92	GFP_c-Kit_pos	30	30	30
S93	GFP_c-Kit_pos	30	30	30
S94	GFP_c-Kit_pos	30	30	30
S95	GFP_c-Kit_pos	26.6753	12.9375	30
S96	GFP_c-Kit_pos	30	30	30

Ascl2_A37	Atoh1_A49	Atoh1_A61	Axin2_A73	Axin2_A85	Bmi1_A02	Bmi1_A14
30	14.2483	15.0452	30	30	15.0162	15.8605
30	30	14.1889	13.2649	16.1027	15.8906	16.2449
30	13.1867	15.1832	30	30	14.768	16.5608
30	14.1967	14.1352	30	30	14.7245	15.5788
30	14.1934	15.7203	15.3641	30	15.6388	14.8381
30	14.4312	13.7417	30	16.7065	14.995	14.0424
30	14.8796	14.4169	14.8291	17.0544	16.9329	13.7677
30	13.6679	14.408	30	30	13.9769	13.7934
30	13.7274	14.0044	30	30	14.5516	15.4678
30	14.1883	16.3264	30	30	16.4426	15.1174
30	30	30	17.4699	30	15.8431	18.6331
30	14.4784	14.1442	30	30	15.2508	15.6827
30	14.2826	14.1697	30	30	14.6947	14.5768
30	13.7961	15.759	30	30	14.6049	11.3555
30	30	30	19.611	30	14.2501	14.651
30	14.3277	13.8714	30	30	30	15.5896
30	30	30	17.3124	15.8576	30	14.9666
30	30	15.4042	30	30	16.8283	14.6435
30	15.3465	22.4846	17.6052	30	16.2074	15.0939
30	14.1266	14.8042	30	30	16.3032	15.0117
30	14.204	13.5584	15.4846	30	19.9759	17.2077
30	14.9659	16.5213	30	30	15.4254	14.6655
30	16.4052	14.1547	30	30	30	16.3477
30	30	30	30	15.8067	20.4014	14.657
30	15.4532	22.4391	14.2688	18.5262	30	30
30	15.6402	16.1499	30	30	16.167	30
30	14.2306	15.6517	30	30	13.4942	15.8337
30	13.8827	14.4086	30	30	15.0852	14.1342
30	13.7244	13.7393	30	30	14.5686	14.5321
30	16.851	21.2545	16.3071	16.6091	13.9339	15.1775
30	14.4879	14.6592	30	30	14.7869	14.4593
30	14.4828	13.9568	30	23.0986	17.8794	16.6052
30	15.396	18.9838	30	30	15.2845	14.2938
30	14.3913	16.4683	12.9556	15.6739	30	14.4666
30	11.0268	11.5418	15.8616	18.7893	14.9787	14.5783
30	13.1826	13.2949	14.6744	19.804	14.4113	14.1503
30	16.0151	16.2535	14.1878	19.1327	16.4805	14.0426
30	12.6617	15.2974	16.0837	16.0476	14.7367	13.9716
15.4729	15.7935	17.1498	30	30	30	21.9501
30	13.7681	13.3872	14.4677	14.6574	12.9854	14.0449

30	15.651	30	30	30	15.1592	20.9085
30	12.1483	13.7581	14.6096	23.1745	14.5388	13.8748
30	23.5184	14.6143	14.2219	17.3787	15.5419	17.9194
30	15.4543	30	16.0784	15.04	13.5824	14.6733
30	12.8731	12.1232	15.3478	16.1497	14.2316	16.6102
30	13.368	13.7271	14.9754	19.5608	16.3541	15.3287
30	12.1131	12.3593	30	16.5609	15.0666	13.6317
30	14.298	15.0098	13.2054	15.422	13.236	14.7273
30	12.6097	14.6525	14.2265	20.9834	14.3799	14.994
30	13.7353	14.3005	30	30	30	19.8743
30	15.7047	22.4989	15.0105	18.2171	21.5112	18.4313
30	13.1924	12.7644	30	30	17.7398	15.4165
30	15.2837	15.4867	14.8372	17.7576	13.1261	14.9552
30	15.2612	18.2434	13.627	15.6145	30	15.2597
30	11.6484	13.3901	10.3615	13.131	12.3212	14.8436
30	14.0485	12.8805	13.8651	15.4574	13.4094	13.9843
30	14.0001	15.1453	18.8356	14.7583	14.3532	21.6947
30	10.3282	10.9177	15.6514	15.0157	17.2822	22.892
30	16.5839	13.7769	30	30	13.8039	17.4797
30	30	30	13.4959	16.5831	30	18.2571
30	12.3555	12.9902	14.5557	15.1339	15.3138	15.1163
30	14.5104	15.712	30	30	15.3193	17.1043
30	30	14.134	14.7756	30	19.4218	14.2791

Bmpr1a_A26	Bmpr1a_A38	Ccnd1_A50	Ccnd1_A62	Cdkn1a_A74	Cdkn1a_A86	Cdx1_A03
30	30	30	30	13.0333	16.2251	30
30	13.8775	30	30	30	14.5546	30
30	30	30	23.9333	15.5096	14.863	19.4537
30	14.7385	30	22.1584	15.7418	21.2237	18.977
15.5744	14.9032	30	30	12.181	14.4581	20.7978
30	17.6942	30	20.9957	13.0268	15.8339	30
30	16.7911	30	30	14.8287	13.6596	24.0563
30	30	30	20.608	30	15.159	24.7029
30	14.9714	30	23.0668	14.9286	18.4933	20.0349
30	15.5079	30	23.4297	13.1712	14.3219	23.1312
30	15.3827	30	30	14.2333	30	30
14.6066	13.6319	30	27.9142	18.9893	15.1788	30
30	15.7208	30	24.6699	12.5718	14.1491	20.069
30	30	30	24.6351	14.3902	16.1178	30
14.1973	15.0458	30	22.3016	15.4568	30	30
15.3833	30	30	30	12.3074	16.6006	30
15.2987	14.2475	30	21.1794	14.4451	15.4804	30
15.492	14.4954	30	26.3155	13.1332	13.4878	30
15.3197	15.3923	30	23.856	13.3061	16.019	19.3615
30	15.8366	30	30	15.0466	16.7928	23.3697
30	30	30	15.3376	30	15.9766	19.7223
15.2556	15.2619	30	30	15.1736	15.383	30
30	30	30	30	13.4837	14.2129	30
14.025	13.624	30	30	15.5727	16.6359	30
14.5295	13.0974	30	30	10.9347	14.7657	30
30	30	30	21.0062	14.3608	15.1074	30
30	15.4102	30	30	14.6725	14.8271	30
30	15.4275	30	30	15.1009	14.2807	30
30	15.3651	30	22.8446	14.5029	14.6617	30
15.3261	13.7164	30	23.6868	11.3352	14.5975	30
14.7388	12.9967	30	30	11.4569	14.4095	30
15.5603	30	15.5139	13.5478	14.9212	14.9324	18.9555
30	16.3589	15.988	13.6486	15.8645	14.7598	19.0446
30	15.9869	16.7134	12.79	15.3739	15.0713	19.924
15.5955	14.0548	30	24.4306	21.056	16.3218	20.7284
30	16.201	30	30	16.071	15.5757	20.8758
13.7756	12.3257	30	30	14.6397	15.5815	19.7184
14.4211	14.6316	30	30	15.5005	17.7028	24.0353
16.163	13.4263	30	21.4798	14.083	14.6278	19.0776
13.2992	13.5879	30	30	30	17.9023	17.9104

15.2047	14.425	30	30	14.1727	30	18.5612
15.5319	13.0017	30	15.3577	14.7119	15.4449	19.3203
15.7997	15.563	30	30	15.8369	17.5866	18.487
14.5027	14.6829	22.7086	30	30	30	18.4125
13.7203	30	16.5006	13.193	30	17.0795	19.7251
13.4654	30	17.309	13.7498	14.9399	18.3189	30
13.7047	15.4651	30	30	16.0622	15.1583	18.0525
14.734	15.574	30	30	30	16.4862	19.2559
14.3393	14.4037	22.3165	14.0338	17.3056	16.004	18.5187
14.7269	14.606	18.3186	15.55	20.7061	15.7583	19.7168
30	14.505	30	14.199	17.3841	20.9129	20.7461
14.5229	13.3268	30	22.4528	13.9764	30	18.1265
15.9136	15.7508	17.0971	13.5449	14.7598	20.9031	20.7774
14.4959	13.8753	19.8425	19.0526	14.7703	30	20.7509
13.5169	13.5132	15.5123	11.9627	18.1363	14.2768	17.8706
16.5564	14.5594	15.9568	13.5625	14.2155	15.9759	19.4227
30	30	17.8896	15.3198	16.382	15.7413	21.3288
13.6873	14.2516	30	13.845	13.3691	16.53	19.17
30	30	15.8442	30	15.7676	16.3432	20.0055
15.519	30	30	15.4468	18.8523	15.6748	30
15.3961	17.2541	16.2782	16.3462	16.8808	15.6226	20.7455
14.5898	21.3968	17.0699	30	13.7081	13.2993	30
15.4401	15.1727	30	15.0677	30	30	30

Cdx1_A15	Chga_A27	Chga_A39	Cre_A22	Cubn_A51	Cubn_A63	Dll4_A75
30	8.30998	8.78904	30	30	30	30
19.164	17.2023	30	30	30	30	30
30	7.74187	8.66311	30	30	30	14.4725
30	7.58562	8.71986	30	30	30	30
19.2659	7.70973	9.05252	30	30	30	30
30	7.45452	7.68595	30	30	30	30
30	8.10042	7.93826	30	30	30	17.7146
30	8.53627	10.943	30	30	30	30
30	7.75771	7.87187	30	30	30	30
30	7.70694	8.54507	30	30	30	15.4762
30	8.52996	10.0445	30	30	30	30
30	13.3649	15.4893	30	30	14.1724	30
19.009	7.94415	8.14879	30	30	30	12.8938
30	8.89202	11.2414	30	30	30	30
17.5639	8.59629	9.14691	30	30	30	30
20.5027	8.0388	8.06782	30	30	30	14.5773
30	7.91102	9.3316	30	30	30	30
30	9.08148	10.1196	30	30	30	14.9933
30	7.53237	8.09541	30	30	30	30
30	9.69501	11.8125	30	30	30	30
19.8733	30	30	30	30	30	30
30	8.3003	8.85243	30	30	30	30
30	8.89752	9.70687	30	30	30	30
30	7.67929	8.72228	30	15.8059	30	30
30	9.05025	9.95379	30	30	30	30
30	8.58888	10.7558	30	30	30	30
30	8.41431	9.00152	30	30	30	16.6224
18.6107	7.50927	7.83141	30	30	30	14.2811
30	8.07639	9.22637	30	30	30	30
30	7.77428	8.01249	30	30	30	15.5064
30	6.78288	8.16827	30	30	30	30
18.2518	30	30	30	30	30	30
16.5365	30	30	30	30	30	14.8452
16.498	30	30	30	30	30	13.1782
19.393	30	30	30	30	30	21.4304
17.2395	30	30	30	30	30	15.8666
30	30	30	30	30	30	14.177
17.6776	30	30	30	30	30	13.6529
18.4424	30	30	30	30	30	30
30	30	30	30	30	30	14.8624

18.5895	30	30	30	30	30	16.6602
21.9304	30	30	30	30	30	30
17.8941	30	30	30	30	30	15.3043
17.8248	30	30	30	30	30	30
18.4787	30	30	30	30	30	14.1242
30	30	30	30	30	30	15.5957
19.3234	30	30	30	30	30	14.6188
20.0081	23.4075	24.0316	30	30	30	14.7886
30	25.83	30	30	30	30	13.2181
19.9797	30	30	30	30	30	30
30	30	30	30	30	30	14.9176
19.3204	30	30	30	30	30	14.4422
19.9468	30	30	30	30	30	14.1808
30	30	30	30	30	30	15.6497
18.4451	30	30	30	30	30	14.0114
17.7463	30	30	30	30	30	15.9086
30	30	30	30	30	30	14.8339
17.3541	30	30	30	30	30	15.1978
19.4394	30	30	30	30	30	15.6613
19.7168	30	30	30	30	30	30
20.6712	30	30	30	30	30	14.6786
20.1247	30	30	30	30	30	30
22.0502	30	30	30	30	30	15.8309

Dll4_A87	Dvl2_A04	Dvl2_A16	Efnb1_A28	Efnb1_A40	Epas1_A52	Epas1_A64
30	15.4115	15.5584	30	15.273	30	30
30	30	15.558	30	30	30	30
30	17.6138	30	30	13.6475	30	30
16.2003	15.504	14.9425	13.9502	30	30	30
30	17.8636	15.9776	30	30	30	30
14.8851	30	14.1577	30	14.9062	30	30
30	30	15.0095	30	22.1323	30	30
30	19.9077	14.117	30	14.2497	30	30
16.4927	22.2331	30	30	14.5755	30	30
16.1587	15.9769	14.9174	30	15.0207	30	30
30	30	13.875	30	16.32	30	30
30	18.7896	16.9224	30	14.1688	30	30
14.5755	17.5874	14.1132	30	13.8767	30	30
30	15.8157	15.6245	30	30	30	30
30	30	30	30	30	30	30
17.15	17.2596	16.2418	30	14.2066	30	30
30	30	16.402	30	30	30	30
30	30	15.2704	30	17.1484	30	30
30	18.6734	30	30	30	30	30
30	30	16.3645	15.3861	30	30	30
15.7599	30	20.0878	30	16.1248	30	30
30	18.5262	16.4943	30	30	30	30
30	19.6333	16.6883	30	16.1806	30	30
30	19.2536	16.9792	15.5046	17.4202	30	30
30	30	30	15.5783	23.2026	30	30
17.0165	30	16.2975	30	14.8201	30	30
30	30	30	30	15.5343	30	30
18.3433	15.3939	14.4953	30	16.1007	30	30
30	30	30	30	14.9071	30	30
14.765	18.127	20.4825	16.5438	19.1862	30	30
30	19.3336	15.3275	30	30	30	30
30	30	30	30	16.4742	30	30
14.5227	30	16.9946	30	14.911	30	30
16.1932	20.0757	14.639	30	15.6566	30	15.8365
30	15.6245	30	15.4577	16.8749	30	30
14.391	30	30	23.464	30	30	30
13.8381	30	19.0286	30	30	30	30
30	30	30	30	30	30	30
30	30	30	30	16.4081	16.3441	14.8591
17.0556	21.1663	16.4134	30	30	15.9615	18.8434

30	30	30	30	30	30	30
30	16.399	30	15.2482	15.2574	30	30
15.4453	30	30	30	30	30	30
16.5065	30	30	30	15.6249	30	30
15.6078	30	16.1081	30	15.8681	15.9488	30
16.5141	30	18.5414	19.859	30	30	30
30	15.1229	30	30	16.1177	30	15.6744
15.5928	21.673	30	30	30	30	30
14.8094	14.1203	30	16.8662	30	30	30
30	30	30	20.7239	30	30	30
30	15.5049	30	17.8043	15.1514	30	30
16.1255	30	30	30	30	30	30
16.1142	16.5901	16.9187	30	16.1515	14.3334	14.1343
15.1662	30	15.708	17.0182	30	16.1446	30
14.1186	17.297	15.3857	30	30	30	17.5915
14.8578	30	30	30	30	17.0674	30
16.873	19.8359	30	15.3684	30	30	30
14.7907	30	17.0178	30	15.7148	14.8726	16.6736
30	18.0416	16.9194	30	30	30	14.5072
15.5766	30	30	30	30	15.1452	30
15.9282	30	30	30	30	30	30
17.4533	30	30	15.6887	14.8826	30	30
30	30	15.629	30	30	16.4534	30

Ephb2_A76	Ephb2_A88	Ereg_A05	Ereg_A17	Fut2_A29	Fut2_A41	Gapdh_A53
30	30	30	30	30	13.4707	9.55276
30	30	30	30	30	15.3137	9.71601
30	30	30	30	30	14.4433	9.39964
30	30	30	30	30	14.5063	9.37447
30	16.9749	30	30	30	16.3198	9.94169
30	30	30	30	30	13.6721	9.59827
30	30	30	30	30	16.7304	9.70106
30	16.7829	30	30	30	12.879	8.74807
30	30	30	30	30	13.6742	9.6933
30	30	30	30	30	13.8572	9.61156
30	30	30	30	30	14.6947	10.6918
30	16.7378	30	30	30	15.181	9.75069
30	30	30	30	30	14.7295	9.39157
30	30	30	30	30	16.8005	9.95442
15.4349	30	30	30	30	14.8143	10.7673
30	30	30	30	30	16.3146	9.89391
30	17.0066	30	30	30	21.6846	10.4326
30	30	30	30	30	15.2066	9.80494
15.3875	17.1062	30	30	30	15.2989	10.4524
15.3177	30	30	30	30	13.7535	9.91118
30	17.6761	30	30	30	15.8606	10.3388
30	30	30	30	30	14.013	9.72413
30	19.5842	30	30	30	30	10.4561
30	15.9624	30	30	30	16.2134	11.3632
15.5008	30	30	30	30	15.7087	10.9748
30	30	30	30	30	15.4275	9.38953
30	17.5571	30	30	30	16.6662	9.95812
30	30	30	30	30	14.6921	9.68496
30	30	30	30	30	15.3885	9.79611
30	30	30	30	30	16.3993	10.2235
15.6579	30	30	30	30	30	9.77735
15.1502	17.211	30	30	30	18.7653	10.6039
15.7429	16.8244	30	30	30	18.1466	9.58687
14.4022	30	30	30	30	17.6306	9.56878
14.6159	17.2548	30	30	30	30	10.0472
13.0156	15.4437	30	30	30	16.0415	10.3722
13.2226	16.088	30	30	30	15.6463	9.69441
14.9475	15.2221	30	30	30	16.3442	10.5443
30	16.073	30	30	30	17.0183	9.93882
12.8108	16.4094	30	30	30	17.4895	10.4199

15.559	30	30	30	30	30	11.2955
14.3	17.0848	30	30	30	15.5139	9.26529
14.5645	30	30	30	30	30	10.8466
30	14.7571	30	30	30	30	10.8684
13.8861	15.8668	30	30	30	20.5764	10.1898
15.3557	30	30	30	30	14.1842	9.48992
15.5462	15.7908	30	30	30	30	10.7989
13.6223	16.7648	30	30	30	17.4188	9.65111
13.4574	17.5269	30	30	30	18.5884	10.1441
15.4384	16.9386	30	30	30	30	11.5624
14.8387	15.6952	30	30	30	15.2605	11.7437
30	15.9311	30	30	30	15.7645	9.68954
14.5463	15.3955	30	30	30	22.2119	10.1906
30	30	30	30	30	30	9.99249
13.6168	30	30	30	30	20.9312	8.25324
13.4667	14.9144	30	30	30	15.7191	9.17784
30	15.4862	30	30	30	30	10.0396
12.3083	23.8084	30	30	30	30	9.40721
15.5221	30	30	30	30	16.1092	10.5002
13.9103	16.5277	30	30	30	18.3439	9.92342
13.1842	14.6072	22.8134	30	30	16.1314	10.5096
15.6819	16.8946	30	30	30	30	10.4471
14.57	30	30	30	30	30	11.5697

Gapdh_A65	Gsk3b_A77	Gsk3b_A89	Gusb_A06	Gusb_A18	H6pd_A30	H6pd_A42
9.46788	30	16.0131	30	16.4545	30	30
9.65757	30	30	30	17.3578	30	30
9.44871	17.6469	15.5139	30	15.659	30	30
9.51305	30	15.5521	30	16.3827	17.5973	30
9.93951	30	15.4515	30	16.5882	30	30
9.62014	14.9128	30	30	30	30	15.7634
9.61245	30	30	16.051	14.8796	16.6886	30
8.84132	30	30	30	15.1684	30	30
9.69682	30	30	30	14.3805	30	30
9.65521	30	30	30	15.2344	30	30
10.7106	30	30	15.9284	19.1266	30	30
9.74138	30	30	30	14.6322	30	30
9.4162	16.447	30	30	16.9345	30	30
10.0438	30	30	30	15.2904	30	30
10.8142	30	13.5411	30	18.0458	30	30
9.95556	30	30	30	15.2284	30	30
10.6355	30	30	14.9583	30	16.2518	30
10.0569	30	30	30	17.4083	30	30
10.6607	14.5235	14.7132	16.0474	19.4857	30	30
10.0341	30	30	30	15.0237	30	30
10.5065	30	30	30	30	30	30
9.84827	30	15.5756	30	15.4749	30	30
10.5582	30	30	30	16.6417	30	30
11.4338	30	14.0634	30	21.1077	30	30
11.0602	30	17.8115	30	30	30	30
9.4657	30	30	30	15.4342	30	30
10.0161	30	15.6312	30	18.3034	30	24.281
9.80561	30	30	30	30	30	30
9.87719	30	30	30	17.0418	30	30
10.3495	15.2977	14.546	30	17.7354	30	24.2674
9.82894	30	15.933	30	14.2808	30	30
10.6952	30	30	16.1305	30	30	30
9.68189	16.2391	30	30	13.6153	30	30
9.69522	13.8748	13.3943	16.0775	30	30	30
10.3225	16.3109	30	15.2697	15.8166	30	21.6956
10.4507	20.8361	14.4455	15.1214	16.2607	16.2751	30
9.87895	15.3202	14.3586	30	16.127	15.8824	15.361
10.7087	16.4338	15.8443	30	18.7129	17.0245	19.6659
10.1141	16.1838	13.7245	16.444	14.6689	30	30
10.605	16.1228	14.2466	30	30	30	30

11.4391	14.947	14.8161	16.2319	14.6653	30	30
9.40854	13.6035	12.8399	30	14.7502	30	30
10.9506	16.1348	15.7513	30	16.5741	16.5859	16.3206
10.9187	14.5752	14.8974	30	14.599	30	30
10.2345	15.5631	15.7376	15.6591	13.2271	30	30
9.53322	30	15.8013	30	21.7943	30	30
10.994	14.9712	15.6972	30	30	30	16.7379
9.70782	15.6108	13.3228	30	30	30	30
10.2132	12.4464	13.3342	30	22.2754	30	30
11.6254	30	14.6766	30	30	30	30
11.8311	15.5497	30	30	30	30	30
9.76269	15.6787	15.5479	30	30	30	30
10.2396	15.1428	14.6118	15.1271	15.3869	30	24.1372
10.0914	14.7841	30	30	30	19.0662	16.3472
8.28217	12.8788	12.2173	16.044	15.3184	16.5091	16.2762
9.27879	13.5804	12.8465	30	30	30	14.7249
10.0975	15.3265	14.9191	30	30	30	30
9.51216	14.6208	13.3064	30	14.8822	30	16.638
10.5659	16.0811	15.4645	30	21.4283	30	30
9.98761	14.2958	15.7852	30	19.5359	30	30
10.6029	30	30	16.2018	16.0334	30	30
10.5188	13.8476	14.4145	30	15.0608	16.388	22.989
11.65	13.8377	30	30	30	14.9183	17.786

Hes1_A54	Hes1_A66	Hes5_A78	Hes5_A90	Hif1a_A07	Hif1a_A19	Hopx_A31
30	20.9388	30	30	15.2658	19.6834	15.1818
30	17.8703	30	18.4089	30	30	13.8908
30	30	30	30	30	15.1561	14.9732
30	30	17.8407	18.2821	15.2207	16.6625	12.2465
30	18.3487	18.3267	18.1343	13.4306	13.7732	13.2904
30	17.134	18.6798	18.458	15.2354	15.3232	13.8381
30	17.396	22.3796	17.7817	14.2829	15.3321	15.9502
30	20.9766	23.7875	30	30	30	15.2133
30	17.5996	18.0124	17.4749	15.3146	15.5505	13.1606
30	17.9632	17.3605	17.9935	15.3611	30	13.1388
30	30	18.9405	19.3916	13.4779	14.3772	13.1972
30	30	30	30	30	30	13.7558
30	30	21.4361	20.3998	30	21.3618	15.9089
30	18.3426	30	19.3333	30	30	16.496
30	30	20.2242	19.5307	13.38	13.545	13.511
30	30	18.1699	20.0956	14.4537	15.5186	15.9326
30	30	30	30	12.8704	13.9867	14.3775
15.5118	17.9534	16.9404	20.4918	15.3052	30	16.4284
30	30	30	30	14.5855	14.863	13.3364
30	17.2909	20.7944	19.6013	15.682	13.5589	13.4957
30	30	17.3222	18.057	30	30	20.0333
30	21.6278	19.2079	19.0428	15.0719	15.7317	15.478
30	30	30	24.0105	30	30	30
30	30	30	21.7537	13.1142	15.2109	15.7206
30	30	20.6212	20.2726	12.7029	15.2077	14.8102
30	17.6569	18.8712	18.4537	30	15.1476	30
30	19.3713	19.2512	19.4734	30	30	13.7975
16.2855	30	21.7924	20.1276	13.7982	14.6876	30
30	18.8958	30	30	14.2188	30	14.5398
30	22.4223	30	30	11.4765	30	12.7225
30	18.1619	30	30	15.1406	15.7072	30
16.9819	15.2184	30	30	30	14.399	12.5281
14.6258	13.8367	30	30	17.4757	14.3411	13.4695
30	30	21.5885	30	15.1398	16.3286	13.4821
30	23.0782	18.7009	19.5387	30	13.4836	12.9483
14.9427	14.001	30	30	13.287	30	13.9645
15.1895	30	30	30	15.2425	15.1686	14.3146
15.8697	13.6268	30	30	15.2388	13.497	14.4896
30	30	30	30	13.1325	13.9463	14.4379
18.7965	14.8248	30	30	14.5889	14.2621	30

15.3176	30	30	30	30	30	14.4936
14.5755	14.9488	30	30	15.2854	13.353	14.7006
30	15.892	30	30	30	30	15.2529
14.8138	13.6492	30	30	13.809	13.884	14.3171
14.847	15.1961	30	21.1036	14.9497	30	12.9621
17.2221	20.6633	30	30	14.252	16.2913	13.7782
15.6604	13.9724	30	30	14.1285	30	14.993
13.5583	12.4906	30	30	15.1274	15.8702	13.8096
19.3584	24.6814	18.769	30	13.2969	15.4484	13.5483
30	30	30	23.8791	15.3432	30	14.9242
30	30	30	30	14.6085	30	17.8605
17.0469	15.8973	23.6125	21.6804	14.9251	15.1679	13.1714
15.3205	13.4005	30	30	14.199	16.27	13.1046
16.4057	13.5023	30	30	14.1848	13.9436	12.9343
12.4828	10.6963	30	30	12.0125	12.7893	12.1789
14.6186	13.697	30	21.3666	12.895	13.2372	13.4392
16.9093	30	30	30	30	30	13.3964
19.3768	15.7835	30	30	14.3535	15.337	13.3343
30	30	20.7059	19.9849	30	15.0223	14.9128
15.5427	19.9141	30	30	14.4675	30	13.6292
19.7196	15.995	19.8324	19.0136	30	14.3525	13.2681
30	16.795	30	30	15.4299	14.4225	15.9717
18.2038	30	30	30	30	14.9472	14.2197

Hopx_A43	Jag1_A55	Jag1_A67	Lgr5_A79	Lgr5_A91	Lrig1_A08	Lrig1_A20
14.9393	20.8258	30	30	30	30	30
13.902	30	30	30	30	30	21.9914
15.0211	18.5208	30	30	30	30	30
12.2958	23.4834	30	30	30	30	30
13.3548	17.8339	30	30	30	30	30
13.8055	20.9434	30	22.8999	30	16.5605	18.4988
15.9858	16.6579	30	30	30	30	30
15.1356	30	30	30	30	30	30
13.2346	23.1836	30	30	30	30	14.5155
13.1853	24.596	30	30	30	16.2918	30
13.3737	30	30	30	30	30	30
13.8445	30	30	30	30	30	30
16.0296	24.3852	30	30	30	14.9694	30
16.4463	30	30	30	30	30	15.8081
13.6293	30	30	30	30	15.5807	14.754
15.8271	30	30	30	30	30	30
14.5499	23.7583	30	30	30	30	14.7494
16.2386	17.9214	30	30	30	30	30
13.4055	30	30	30	30	30	15.414
13.6084	16.6217	14.7349	30	30	15.7893	30
20.7104	16.3412	30	30	30	15.3876	30
15.605	30	30	30	30	30	30
30	30	30	30	30	17.6786	30
15.4506	30	30	30	30	14.2487	30
14.7401	24.7591	30	30	30	16.2703	30
30	20.8137	30	30	30	30	30
13.6818	30	30	30	30	30	30
30	22.384	30	30	30	30	30
14.5427	30	30	30	30	16.3324	30
12.7614	30	30	30	30	15.2052	13.3705
30	16.3584	30	30	30	30	30
12.5822	30	30	15.8859	30	12.2181	13.1025
13.7028	16.936	30	30	30	15.6859	15.6662
13.3818	30	30	30	30	15.1671	14.4062
12.9395	30	30	30	30	13.9914	14.08
14.0495	24.698	30	30	30	15.0794	12.2692
14.3162	30	30	22.5543	30	15.0118	13.663
14.4692	30	30	30	30	13.742	30
14.5788	17.4272	15.8204	30	30	15.1052	21.023
30	16.6395	14.3162	30	30	16.5317	13.0536

14.5885	16.2658	15.7449	30	30	13.6539	13.1656
14.722	30	30	30	30	15.4335	12.2314
15.5193	30	30	30	30	30	14.5888
14.2756	30	30	30	30	14.4094	14.0689
13.0136	30	17.8523	30	30	13.6281	11.313
13.7296	23.6906	15.5744	15.4512	30	14.0362	14.5524
15.148	30	30	30	30	14.3485	13.4756
13.822	30	30	30	30	19.1617	30
13.4917	30	30	30	30	14.2214	16.4389
15.1486	30	30	30	30	15.2199	30
17.8529	30	16.3276	30	30	15.6805	30
13.2018	16.9532	30	13.6322	30	13.4468	15.2935
13.1959	14.6084	30	14.7277	30	14.2482	13.8995
12.9374	30	30	30	30	13.8433	14.2768
12.1854	24.7285	15.5397	11.1287	13.371	11.5757	11.5882
13.429	17.8311	13.5998	30	30	14.757	15.3719
13.3414	30	30	30	30	13.8984	14.0262
13.4354	23.041	30	30	30	13.2913	13.846
15.0743	22.3202	30	30	30	15.487	30
13.6811	30	30	30	16.8412	15.5525	18.1198
13.4005	21.5614	30	15.0529	15.9068	13.9286	12.6492
16.2174	19.8368	30	30	30	30	14.6271
14.0467	30	30	30	30	15.7669	15.5344

Lyz2_A32	Lyz2_A44	Msi1_A56	Msi1_A68	Msi2_A80	Msi2_A92	Myb_A09
30	13.727	30	30	30	18.0225	30
24.7575	13.7873	30	30	30	30	30
30	13.7156	30	30	30	30	30
30	13.5519	15.4292	30	23.4408	30	30
30	13.3493	15.6692	30	14.2956	23.6575	30
30	14.3557	15.5461	30	30	15.6436	30
30	13.4516	30	30	30	30	30
30	12.4231	30	30	30	30	30
30	13.6468	30	22.1977	30	30	30
30	13.6108	30	30	30	16.6667	30
30	14.3069	30	30	30	23.8755	30
30	14.7897	30	30	30	17.0469	30
30	13.3655	30	30	30	30	30
30	14.3866	30	30	16.9809	30	30
30	16.0539	13.5026	30	13.2595	14.7774	30
30	13.2858	30	30	30	16.4832	30
30	13.8873	14.7186	16.0535	15.7725	30	30
30	13.825	30	30	30	30	30
30	14.6091	30	30	14.5583	22.7932	30
30	16.5413	30	30	15.9187	30	30
14.9628	13.2809	30	22.5101	30	30	30
30	13.5729	30	30	30	30	30
30	13.5686	30	30	30	30	30
30	15.9683	30	30	30	14.6716	30
30	14.886	30	30	30	15.8777	30
30	14.8105	30	30	14.8095	30	30
30	13.8978	30	30	30	30	30
22.6935	14.6613	30	30	30	30	30
30	15.1162	30	30	15.7754	24.2052	30
30	15.835	14.7214	30	30	20.9748	30
25.9014	14.4137	30	30	30	30	30
12.2888	11.029	14.3624	30	30	30	15.7599
11.5344	9.95857	14.677	30	15.9931	19.2801	30
11.7657	11.1097	30	30	15.6382	15.5955	30
10.8524	9.77929	14.0617	30	14.7711	15.8575	30
12.4148	11.6954	14.0323	16.8287	16.0301	19.1353	30
13.7491	12.6597	30	17.4483	14.4281	16.8015	30
11.2868	10.465	17.8097	30	13.44	16.1775	30
15.0252	12.816	30	30	30	15.5983	30
11.8856	11.0112	14.4909	30	13.9851	17.7112	15.2906

11.5865	10.7492	15.7114	17.2107	15.7581	17.8588	14.6379
11.4973	10.2771	13.5857	30	14.8658	18.5931	13.907
13.015	11.8587	30	30	14.7723	16.1017	30
12.7027	11.1564	13.3431	14.8588	16.2658	18.5187	30
11.1197	9.65481	14.6441	30	14.2991	16.2081	14.742
11.5513	10.675	14.3903	14.7519	15.512	30	30
11.8905	11.5314	30	30	14.6267	17.9444	13.5765
15.5997	13.7718	30	30	30	30	30
11.3838	10.2913	14.5404	15.4658	14.9711	16.455	30
12.4913	11.2224	16.6411	16.1634	30	30	30
15.5815	13.9996	30	30	30	30	30
12.7379	11.5298	30	16.1093	14.6356	15.2276	15.3503
13.8626	12.2787	15.0388	17.1862	15.8742	30	30
12.0299	10.9112	13.959	30	14.8115	30	17.4106
12.0546	10.8786	13.4584	30	13.4311	14.221	11.4654
13.1535	11.8579	30	30	30	17.1426	15.4498
14.3714	12.3703	14.725	18.4324	15.835	30	30
12.2667	10.9083	15.8494	30	16.0567	16.3777	30
11.3833	10.9157	30	30	14.4966	30	30
18.3622	14.6826	14.2027	30	14.9045	16.0606	15.8225
12.9026	11.586	12.8277	15.2991	15.7551	15.978	14.0881
19.7652	30	13.7013	15.0985	13.7546	30	30
14.427	13.3508	14.2502	30	13.3848	16.261	30

Myb_A21	Myc_A33	Myc_A45	Notch1_A57	Notch1_A69	Numb_A81	Numb_A93
30	30	30	19.1408	30	30	15.4452
30	30	30	21.8566	30	30	30
30	30	30	18.1441	30	30	30
30	30	30	20.0758	30	15.4997	30
30	30	30	19.2369	30	14.475	14.7794
30	30	30	16.6008	30	30	30
30	30	30	17.5673	30	30	30
30	30	30	16.8086	30	30	14.1025
30	30	30	16.4054	30	30	30
30	30	30	30	30	30	30
30	30	30	20.6838	30	30	30
30	30	30	17.3708	30	30	30
30	30	30	30	30	30	30
30	30	30	17.8134	30	30	30
30	30	30	16.1026	30	15.4759	30
30	30	30	20.9881	30	20.4951	15.6938
30	30	30	30	30	14.7138	15.7025
30	30	30	21.3323	30	30	30
30	30	30	19.3701	30	30	30
30	30	30	17.613	30	30	30
30	30	30	18.0038	30	30	30
30	30	30	18.9554	30	30	30
30	30	30	18.441	30	30	30
30	30	30	22.2159	30	30	30
30	30	30	23.6561	30	16.6907	14.2447
30	30	30	30	30	30	30
30	30	30	18.1693	30	30	30
30	30	30	22.5069	30	30	30
30	30	30	18.2509	30	30	30
30	30	30	17.6212	30	16.2706	15.4958
30	30	30	19.8805	30	30	30
30	15.777	30	24.3948	30	30	30
30	30	16.136	14.7989	14.9942	30	30
30	13.4832	14.6265	20.4719	30	17.9455	15.8224
30	15.3044	15.1263	19.8176	30	22.359	14.8552
30	14.2865	13.9653	30	30	30	30
30	18.8848	15.7247	24.6721	30	30	30
30	30	15.1124	24.4447	30	30	14.7578
30	30	16.4663	22.8967	30	30	30
30	14.9481	16.1185	18.4689	30	14.3041	30

14.6175	30	15.0395	30	30	30	30
18.5923	12.8429	13.1666	30	30	15.0591	14.174
30	30	30	21.0836	30	30	30
14.9902	30	30	30	30	30	30
30	30	30	24.3512	30	19.6395	14.5007
30	13.9566	14.4289	24.6779	30	15.7725	14.5023
15.7586	19.7968	30	15.8879	30	30	30
30	14.9347	15.531	15.0693	30	15.6091	15.4255
30	15.8692	15.5742	30	30	30	16.7151
30	30	30	19.7642	30	30	30
30	16.2522	30	19.2436	30	30	30
14.9237	15.6814	30	18.5187	30	16.7029	14.71
30	15.5002	14.8021	18.8565	30	30	30
30	30	30	17.9186	30	20.2349	30
11.7366	14.3718	14.5271	13.3404	13.2585	15.2455	13.272
14.8768	13.7329	12.4065	30	30	16.6191	15.1041
15.3616	15.6979	15.2377	30	30	30	30
30	30	15.1167	24.4316	30	30	13.7513
30	13.8877	30	17.4143	30	30	30
30	13.0489	13.0255	30	30	30	15.9882
15.8855	30	14.8694	30	30	15.3741	14.8428
15.6928	15.0847	14.5162	24.5139	30	30	14.9644
30	15.066	14.4751	23.4132	30	30	30

Olfm4_A10	Pcna_A34	Pcna_A46	Ppargc1b_A5	Ppargc1b_A7	Rhoa_A82	Rhoa_A94
30	15.5595	14.4544	30	30	13.3887	14.6642
30	13.9319	30	30	30	15.4239	18.8887
30	15.6158	13.5582	30	30	13.0502	13.3336
17.1594	15.6437	30	30	30	14.0997	13.2047
30	12.4968	12.9862	30	15.4919	11.5322	12.6396
30	15.2396	15.4327	15.4679	30	13.4958	13.4553
30	14.1789	14.4008	30	30	18.0879	12.4333
15.8003	13.2519	14.5263	30	30	13.3271	13.6151
30	13.961	14.0031	15.4349	30	12.4811	14.0927
30	17.9767	15.1532	24.5953	30	14.4249	13.0277
30	15.5587	19.4427	30	30	12.1188	12.8462
30	15.1594	16.7341	30	30	18.5155	20.1625
30	14.4177	15.7373	30	30	12.6375	13.507
30	15.0531	30	30	30	13.569	13.892
30	19.6573	15.5764	30	14.7191	12.7031	13.4595
30	17.0112	14.8092	30	30	16.177	13.7644
30	15.3826	16.6464	30	30	12.7743	12.3297
30	17.5263	15.2242	27.8269	30	14.3597	15.8823
30	15.2431	16.9909	30	30	13.9599	13.0283
30	15.7879	15.5979	30	30	30	15.4761
30	14.3601	30	30	30	14.4766	12.7667
30	13.9547	13.6433	30	30	13.8749	16.3357
30	14.933	15.174	30	30	19.1782	15.032
30	30	30	30	30	13.3936	13.3139
14.73	14.6626	14.2851	30	30	13.2402	12.7224
30	14.4032	13.4968	30	30	14.268	14.9874
30	20.2165	14.4727	30	30	13.0605	14.6587
30	13.7749	14.5065	30	30	14.6006	13.5156
30	14.5845	14.0389	30	30	13.8182	13.9999
30	17.4822	15.3099	30	30	12.158	12.3285
30	30	14.9084	30	30	14.5837	13.3355
16.6879	14.0727	16.637	30	30	11.3608	12.2898
30	15.3693	13.2639	30	30	11.7224	13.3635
30	13.3276	14.5197	30	30	11.201	12.3272
30	15.6169	30	30	30	11.8703	12.6612
15.7416	13.1569	14.3694	30	30	12.3641	13.0126
30	14.2057	14.1972	30	30	11.6022	13.0101
16.002	14.221	13.9973	30	30	12.1624	13.841
15.2631	14.5326	13.9476	30	14.4956	11.4851	12.8099
14.7248	17.6387	15.6493	30	15.6347	12.3236	12.2722

14.3351	17.9981	13.0398	30	30	12.6441	13.022
30	12.0525	12.2709	30	30	11.5835	12.2391
30	14.494	16.2744	30	30	11.8635	13.4202
14.0747	12.7322	13.7454	30	30	12.3502	13.8105
15.2903	13.3202	12.3808	30	30	12.343	12.9985
30	14.5168	13.5164	30	30	11.7925	12.593
14.4061	16.1537	17.2382	30	30	12.1195	14.0361
11.1775	14.1806	14.1433	30	30	11.641	12.129
30	13.8103	14.7236	30	14.6357	11.586	11.9275
15.23	30	30	30	30	12.6137	13.712
18.7781	15.2118	14.2007	30	30	12.6185	13.7975
30	14.4936	15.6905	30	30	12.4231	12.9585
12.2758	13.5493	14.6025	30	30	11.7924	13.2193
30	13.6161	12.6773	30	30	12.9853	12.9657
6.74412	11.768	12.4003	14.4258	14.6316	10.1724	10.9233
12.8536	14.7127	12.7139	30	30	11.2234	12.1036
14.8221	13.7252	13.9748	15.4779	15.58	11.1791	12.4353
12.2736	15.7945	14.2725	15.6159	15.7242	11.3387	12.7294
30	16.9422	17.2469	30	30	13.1796	12.5461
13.4551	13.1753	13.5783	30	30	11.6012	12.3863
30	14.4077	13.6856	30	30	11.6573	11.8292
30	14.4491	14.6754	30	30	12.0031	12.7556
14.5481	14.6399	30	30	16.2353	11.836	13.0462

Saa2_A11	Saa2_A23	Sirt3_A35	Sirt3_A47	Sox9_A59	Sox9_A71	Tat_A83
21.5019	14.0542	30	30	30	30	30
18.8057	14.2716	30	30	30	30	30
19.5627	12.7549	30	30	30	30	30
30	14.5303	30	15.5153	30	30	30
20.7125	14.4358	30	30	16.117	27.118	30
18.7888	13.3129	30	30	30	30	30
19.6575	13.339	30	30	30	30	30
17.3245	12.9394	30	30	30	30	26.4792
30	13.0748	30	30	30	30	30
21.5681	13.4325	30	30	30	30	30
30	30	30	30	15.0218	22.4211	30
18.7109	13.1635	30	30	30	30	30
16.9996	13.5087	30	30	30	30	30
20.149	14.2743	30	30	30	30	30
21.5365	14.5304	30	15.5492	13.7026	30	30
21.4812	13.5742	30	30	30	30	30
30	30	30	30	30	30	30
30	13.1633	30	30	30	30	30
21.4153	16.7406	30	14.0868	30	28.2048	30
17.8949	15.3885	30	30	30	30	30
30	14.1534	30	30	12.8684	30	30
20.594	13.2598	30	30	30	30	30
18.0234	14.7117	30	30	14.473	30	30
30	30	30	30	12.7917	26.2614	30
20.0879	15.7104	30	15.7824	14.9634	30	30
19.2865	15.1455	30	30	30	30	30
19.3046	13.7945	30	30	30	30	30
30	13.7226	22.0095	30	30	30	30
30	14.8247	30	30	15.9223	30	30
30	14.9059	30	30	30	30	30
17.1922	13.1368	30	30	16.3231	30	30
30	14.8532	30	30	12.7514	21.8566	30
30	13.908	30	30	14.3474	30	30
20.5541	16.0837	30	30	11.5933	21.3993	30
30	30	30	30	13.8464	24.0388	30
21.0973	15.3516	30	30	12.9132	23.8439	30
19.8422	14.5186	30	30	12.707	20.958	30
20.3941	16.3123	30	30	12.8199	22.2309	30
17.8164	14.5536	30	30	15.4612	30	30
30	18.9589	15.255	30	11.6674	20.6322	30

30	30	30	30	12.2903	22.6411	30
18.0181	13.6315	21.5367	30	11.101	21.8097	30
21.3564	15.3857	30	30	12.9253	22.1161	30
30	18.6286	30	30	10.7471	19.6158	30
30	15.5857	30	19.2506	12.9523	21.7385	30
18.7002	14.6069	30	30	12.46	22.4424	30
30	15.6877	30	30	12.9835	23.0104	30
18.9655	14.5116	30	30	12.0931	23.42	30
30	15.4236	30	30	13.1198	22.6636	30
21.297	16.0326	30	30	13.9547	25.791	30
30	18.3627	30	30	11.3019	24.976	30
30	18.7923	30	30	14.7485	25.9428	30
30	30	30	30	12.5082	20.4324	30
21.5757	23.2421	30	30	11.9236	21.4222	30
30	16.3216	16.8041	30	11.7242	20.3519	30
30	15.2921	30	30	12.7306	22.6505	30
30	15.6151	30	30	13.7501	22.9587	30
30	21.2377	30	30	10.3947	19.6275	30
30	15.4073	30	30	30	30	30
30	15.7654	30	30	12.1201	21.9809	30
21.7154	16.5737	30	15.615	10.6301	20.7853	30
30	30	30	30	23.4608	24.8809	30
30	30	30	30	11.8463	20.3316	30

Tat_A95	Tcf4_A12	Tcf7l2_A24	Tert_A36	Tert_A48	Wnt3_A60	Wnt3_A72
30	30	30	30	30	30	30
30	30	30	30	30	25.4182	20.8973
30	30	30	30	30	30	30
30	30	18.8176	30	30	30	30
30	30	21.5398	30	30	30	30
30	30	18.6058	30	30	30	30
30	14.2444	16.8575	30	30	30	30
30	30	18.391	30	30	30	20.9538
30	30	30	30	30	30	30
30	30	30	30	30	30	15.5751
30	15.0635	19.0506	30	30	30	16.5179
30	30	30	30	30	30	30
30	15.2273	30	30	30	30	30
30	30	30	30	30	30	18.3679
30	16.3463	18.9852	30	30	30	30
30	30	30	30	30	30	30
30	15.1963	30	30	30	30	17.8697
30	30	30	30	30	30	20.1477
30	30	20.5491	30	30	15.4094	24.6305
30	30	30	30	30	30	30
30	16.1532	21.3305	30	30	30	16.0152
30	30	30	30	30	30	30
30	30	30	30	30	13.315	30
30	30	30	30	30	30	30
30	30	17.8466	30	30	30	30
30	30	30	30	30	30	22.8196
30	30	17.7347	30	30	30	16.2496
30	30	30	30	30	12.6374	20.7541
30	30	18.3729	30	30	30	19.261
30	15.1148	18.991	30	30	15.4041	20.4278
30	30	30	30	30	30	30
30	30	30	30	30	13.7058	13.1287
30	14.2191	18.5761	30	30	15.0507	14.3301
30	15.9411	30	22.8158	30	13.2584	14.0965
30	14.7873	17.8203	30	30	13.1553	21.476
30	16.9318	30	30	30	13.4814	13.2333
30	30	30	30	30	14.648	16.1107
30	17.6279	30	30	30	13.4219	13.9261
30	16.4751	30	30	30	15.8767	14.6378
30	14.6981	19.6697	30	30	15.6126	13.6729

30	18.6275	18.3749	30	30	13.2579	13.6623
30	13.7195	18.908	30	30	12.5078	12.721
30	17.2859	18.339	30	30	14.4876	14.1177
30	17.2273	18.7139	30	30	15.1309	14.472
30	14.8027	17.5314	30	30	12.2442	13.2667
30	12.3585	19.0334	30	30	13.565	14.3436
30	16.1014	30	30	30	13.4102	13.7068
30	17.2252	22.9356	30	30	12.5657	13.0631
30	13.5952	18.6432	30	30	14.0447	14.4542
30	16.1824	17.8487	30	30	14.6087	13.9391
30	16.8266	30	30	30	14.5391	15.959
30	15.696	18.0406	30	30	10.9318	12.3231
30	13.8094	17.1005	30	30	12.1297	12.6003
30	30	18.9706	30	30	12.6451	13.4552
30	12.8234	17.3531	30	30	14.4341	15.8761
30	14.5749	18.4281	30	30	12.6532	14.9248
30	13.6416	21.379	30	30	12.4638	12.615
30	15.4007	19.8076	30	30	12.4794	12.6217
30	16.3432	17.4093	30	30	15.3617	15.8749
30	30	30	30	30	15.6312	14.3916
30	14.9671	18.0453	30	30	13.5983	12.6502
30	14.5746	23.3139	30	30	30	15.9246
30	15.6434	20.6709	30	30	16.8261	13.9115

Wnt6_A84	Wnt6_A96
30	22.1295
30	30
30	23.7902
30	30
30	30
30	24.0011
30	30
30	23.1416
30	30
30	21.8758
30	30
30	30
30	26.8183
30	25.3487
30	30
30	30
30	30
30	30
30	30
30	30
30	30
30	30
30	23.0212
30	30
30	30
30	30
30	22.4579
30	30
30	30
30	30
30	30
30	30
30	25.983
30	30
30	30
30	30
30	30
30	30
30	21.9776
30	30

30	30
30	30
30	30
30	30
30	25.0648
30	30
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sampleID	Group	Areg_A01	Areg_A13	Ascl2_A25	Ascl2_A37
S01	H2B-GFP	30	24.2079	30	30
S02	H2B-GFP	30	30	12.2617	30
S03	H2B-GFP	30	30	30	30
S04	H2B-GFP	30	30	22.9874	30
S05	H2B-GFP	30	30	30	30
S06	H2B-GFP	30	30	30	30
S07	H2B-GFP	30	30	30	30
S08	H2B-GFP	28.3674	30	30	30
S09	H2B-GFP	30	30	30	30
S10	H2B-GFP	24.3889	12.7059	30	30
S11	H2B-GFP	30	15.3013	30	30
S12	H2B-GFP	30	30	30	30
S13	H2B-GFP	30	30	30	30
S14	H2B-GFP	30	16.2978	30	30
S15	H2B-GFP	30	30	30	30
S16	H2B-GFP	30	30	30	30
S17	H2B-GFP	27.9683	14.2693	30	30
S18	H2B-GFP	30	30	30	30
S19	H2B-GFP	30	30	11.9927	14.8939
S20	H2B-GFP	30	16.082	30	30
S21	H2B-GFP	30	30	23.5652	30
S22	H2B-GFP	30	30	30	30
S23	H2B-GFP	30	30	24.9689	30
S24	H2B-GFP	30	30	30	30
S25	H2B-GFP	30	30	30	30
S26	H2B-GFP	26.4124	13.7924	30	30
S27	H2B-GFP	24.7767	12.634	30	30
S28	H2B-GFP	30	30	30	30
S29	H2B-GFP	30	30	30	30
S30	H2B-GFP	30	30	27.2857	30
S31	H2B-GFP	30	30	30	30
S32	H2B-GFP	30	30	30	30
S33	H2B-GFP	30	24.0872	30	30
S34	H2B-GFP	30	30	30	30
S35	H2B-GFP	30	30	30	30
S36	H2B-GFP	30	30	30	30
S37	H2B-GFP	30	14.7914	30	30
S38	H2B-GFP	30	30	30	30
S39	H2B-GFP	26.6015	12.5795	13.5694	16.0797
S40	H2B-GFP	30	30	30	30

S41	H2B-GFP	30	30	30	30
S42	H2B-GFP	30	30	30	30
S43	H2B-GFP	30	30	30	30
S44	H2B-GFP	30	15.5506	30	30
S45	H2B-GFP	30	30	30	30
S46	H2B-GFP	30	30	30	30
S47	H2B-GFP	30	14.8361	30	30
S48	H2B-GFP	30	30	30	30
S49	H2B-GFP	30	30	30	30
S50	H2B-GFP	30	30	30	30
S51	H2B-GFP	30	30	30	30
S52	H2B-GFP	30	30	30	30
S54	H2B-GFP	30	30	30	30
S55	H2B-GFP	30	30	23.3759	30
S56	H2B-GFP	30	30	20.7958	30
S57	H2B-GFP	30	30	30	30
S58	H2B-GFP	30	30	30	30
S59	H2B-GFP	30	30	30	30
S60	H2B-GFP	30	13.466	30	30
S61	H2B-GFP	30	30	30	30
S62	H2B-GFP	30	30	30	30
S63	H2B-GFP	30	16.1693	30	30
S64	H2B-GFP	30	16.0652	30	30
S65	H2B-GFP	30	19.3733	30	30
S66	H2B-GFP	30	30	30	14.0695
S67	H2B-GFP	30	30	30	30
S68	H2B-GFP	30	30	30	30
S69	H2B-GFP	30	15.0803	13.604	30
S70	H2B-GFP	30	30	30	30
S71	H2B-GFP	30	30	30	30
S72	H2B-GFP	30	30	30	30
S73	H2B-GFP	30	30	30	30
S74	H2B-GFP	30	30	30	30
S75	H2B-GFP	30	30	30	30
S76	H2B-GFP	30	30	30	30
S77	H2B-GFP	28.8786	16.1145	30	30
S78	H2B-GFP	30	30	30	30
S79	H2B-GFP	30	30	30	30
S80	H2B-GFP	30	30	30	30
S81	H2B-GFP	30	30	30	30
S82	H2B-GFP	30	30	30	30

S83	H2B-GFP	30	30	30	30
S84	H2B-GFP	30	30	30	30
S85	H2B-GFP	30	30	30	30
S86	H2B-GFP	30	30	13.1719	15.8412
S87	H2B-GFP	30	17.0793	30	30
S88	H2B-GFP	30	15.0964	24.3157	30
S89	H2B-GFP	30	30	30	30
S90	H2B-GFP	26.5817	14.1917	30	30
S91	H2B-GFP	30	30	30	30
S92	H2B-GFP	28.899	16.0351	30	30
S93	H2B-GFP	30	16.1086	30	30
S94	H2B-GFP	30	16.2729	30	30
S95	H2B-GFP	30	16.4337	30	30
S96	H2B-GFP	30	30	30	30

Atoh1_A49	Atoh1_A61	Axin2_A73	Axin2_A85	Bmi1_A02	Bmi1_A14	Bmpr1a_A26
15.0587	30	30	30	15.7978	13.2333	30
12.915	12.5596	10.0976	12.3245	13.346	12.1094	12.2421
30	30	30	30	15.1525	13.5301	30
11.47	10.7464	12.7098	19.9501	11.9822	13.1094	12.8486
11.4445	10.556	13.403	16.3839	15.9508	12.0564	14.238
17.3269	30	30	30	30	30	30
10.3396	9.88074	30	30	14.5904	15.0657	12.7268
9.0845	8.60569	12.8311	16.0426	14.9765	13.5907	13.6746
8.69729	8.31604	13.6449	17.1572	12.8262	12.8764	13.007
11.4642	11.5736	13.815	15.958	30	30	13.3954
11.0235	9.88058	15.3434	15.7609	13.1788	13.6906	15.5958
9.06654	8.63097	12.1201	16.586	12.3266	12.558	14.388
13.1813	12.5655	12.6176	14.6828	15.6837	15.0395	30
10.998	9.90576	14.6222	17.3976	12.722	12.5829	12.7509
11.2842	11.1216	12.6971	13.5951	13.9025	14.1177	12.9365
11.9884	10.6885	13.0896	17.3298	13.2731	12.3106	12.4767
12.5853	11.6814	12.4851	14.6452	12.7889	12.9413	14.2289
10.751	9.83201	11.1511	14.8352	19.3365	14.9893	15.747
10.9081	10.0506	10.1231	12.6516	14.4912	12.365	11.3694
12.5843	11.6859	12.6315	16.0285	13.3346	11.9749	12.9051
11.1136	11.0394	13.1662	13.396	12.5294	30	12.8912
9.58832	9.44264	30	30	13.9275	13.5712	15.0882
11.9511	11.1676	14.8949	30	11.6895	12.0391	30
10.2352	10.4168	14.0783	16.0795	12.2236	14.9964	13.8491
11.8885	11.8408	12.9378	14.8266	13.2018	12.5682	13.3884
10.325	9.8019	13.4488	14.7967	12.7303	13.879	13.6992
12.3932	11.7422	12.8062	16.4608	18.6734	15.0001	12.9005
11.4944	12.3768	30	14.1656	13.4332	13.9051	12.8557
10.408	10.53	14.2683	18.3662	15.1731	14.5932	13.8664
12.3013	11.1837	13.645	15.9777	13.0818	11.8747	12.887
9.94215	9.65781	14.0234	15.6274	13.0902	13.9814	13.8571
10.7464	10.5109	13.7294	18.331	12.7735	11.4597	12.3096
13.3567	11.1389	30	16.4985	12.5652	14.7999	14.1854
10.8244	10.6847	14.965	15.1734	13.8829	18.9407	13.6546
12.373	13.0228	30	16.1191	17.9824	13.0173	12.6281
11.8071	10.2338	14.8668	19.4725	12.6531	13.8263	14.289
10.4373	10.7564	30	30	17.516	15.2159	13.0035
10.7369	9.49758	15.0779	30	13.1596	13.286	12.9432
12.5404	11.8243	8.97872	11.2571	12.5753	11.9059	10.5274
9.65709	9.29679	11.9878	13.9132	12.0516	12.3994	12.8958

12.2016	11.575	12.8	16.9794	17.6244	12.5362	13.0344
11.8031	11.624	11.7498	14.1696	13.3871	13.7651	12.9533
13.3374	13.1211	12.3898	14.725	13.1113	12.2395	12.5808
12.991	12.6168	12.7816	14.6816	16.7433	12.0913	13.8258
12.1534	12.4656	30	30	13.3746	11.8799	15.3941
10.2564	9.92801	12.7157	15.6847	11.9565	11.4908	12.1564
10.8862	10.5485	14.2747	18.2891	21.57	13.9573	15.3011
12.9781	11.9533	13.675	15.977	14.7128	12.6571	15.3666
11.0292	11.0742	14.9366	15.348	14.0627	13.5234	30
10.9594	10.4427	14.2663	18.5133	13.3748	13.8223	13.2161
11.097	10.5559	12.4578	14.1545	12.3097	11.945	30
23.5024	15.9956	30	30	18.132	19.1533	30
13.479	12.6781	14.3188	15.3707	12.2983	17.2771	30
11.0299	10.3259	30	30	13.7937	13.4498	15.0376
30	30	24.2573	30	16.4376	14.8716	30
12.3263	10.1786	15.6808	16.6398	14.7435	16.305	14.9305
12.0089	11.2496	12.9762	14.9086	16.4219	17.5266	30
11.9327	11.4304	12.2163	16.9904	13.1614	14.4409	14.3197
11.5989	11.3091	30	30	14.814	13.9398	12.0868
9.66034	9.8909	13.6098	17.3628	14.1285	11.4941	15.0166
10.8981	10.3763	13.8972	16.9459	13.303	11.8726	30
14.2485	12.7872	13.2808	16.9364	14.6242	12.6832	13.0147
12.6935	12.2341	15.505	18.3195	30	14.6587	13.0125
11.3355	10.903	14.6451	15.7624	13.1511	17.7925	13.3119
11.5227	11.9009	15.5178	30	12.1816	12.0238	12.6923
12.196	11.8353	30	30	21.489	30	14.0713
11.5907	11.8502	13.7616	17.5324	14.9046	19.7041	20.2047
11.138	11.5002	10.6883	12.7265	13.3611	11.5475	13.4692
15.024	12.2669	30	30	13.0983	13.425	14.205
12.4662	13.0868	30	15.6737	13.7782	12.9726	14.8383
12.4277	12.0431	16.3176	17.0278	13.1746	12.829	14.2173
11.107	11.7904	30	15.2242	14.4212	13.434	12.7919
9.9916	11.7045	30	30	18.7511	14.3112	13.0555
11.4241	10.978	11.8333	14.677	12.9555	12.1226	12.7987
11.4724	11.4305	13.2015	16.7759	12.6249	13.698	15.1218
12.2365	12.3447	15.26	30	14.3045	12.8475	14.8761
11.8933	11.9742	14.6893	17.3656	14.8408	14.9593	15.2822
9.65321	9.4637	13.6111	15.2561	12.445	11.0165	14.0583
12.1579	11.7511	12.7613	18.1155	13.3433	30	13.01
11.7606	11.6403	15.2897	30	13.9084	13.6426	30
11.932	11.7474	30	30	30	17.9324	14.1407

12.1634	11.6125	30	30	11.3419	12.3356	12.8877
15.5483	12.8117	15.3765	21.4234	12.9872	18.3888	30
13.0527	13.9896	30	30	12.6977	14.1773	14.1599
15.0489	15.199	9.55727	11.733	12.1137	12.6182	11.5288
11.5236	11.1873	15.0513	30	12.5409	13.1862	11.8769
12.5452	13.1336	14.5626	18.5561	13.4184	12.4112	14.0667
13.4091	12.097	30	15.7485	15.1401	11.3201	15.0914
13.1775	12.6631	14.8688	23.3089	14.3474	12.9249	15.4197
10.572	10.3333	30	30	13.0029	13.4016	12.5054
11.5988	11.8161	14.5329	17.2	12.7515	13.59	15.1735
12.0502	12.9735	30	30	14.054	12.5288	13.5856
12.6506	12.8539	30	30	19.6315	14.6268	14.3651
16.3933	13.1337	15.8537	17.8484	12.7587	12.5916	12.1952
13.4682	12.4306	30	30	14.8444	12.6474	30

Bmpr1a_A38	Ccnd1_A50	Ccnd1_A62	Cdkn1a_A74	Cdkn1a_A86	Cdx1_A03	Cdx1_A15
30	30	24.3777	30	30	24.1857	30
12.763	14.3682	12.0539	9.6081	11.0302	15.5377	14.8489
30	30	22.9109	30	30	30	30
12.3532	30	30	10.99	11.2591	19.0273	18.2476
12.489	30	30	12.2404	14.3509	18.8151	15.9442
30	30	30	30	30	30	30
12.9345	30	30	13.3265	14.3269	17.3045	15.687
12.6519	30	14.9805	9.45515	10.0246	15.9766	15.2627
13.2342	30	30	9.72442	10.216	17.5555	17.6264
12.9997	30	30	12.3764	12.9306	18.2741	17.1809
15.1362	30	30	9.256	10.1596	19.0957	18.4653
13.8929	30	13.6204	9.73393	9.83929	19.0215	16.9291
12.9595	18.1594	12.6942	13.7887	15.0151	16.9227	15.3623
13.1735	15.0766	13.0584	13.3882	13.1463	15.3439	15.6941
12.423	16.042	14.9175	9.88514	10.4693	17.3009	17.5056
11.9422	30	30	10.3494	10.6859	17.7707	15.7754
13.3227	30	30	9.88071	10.2437	15.9362	16.0585
14.256	16.2361	30	14.4381	14.9357	17.0856	16.5153
11.6327	12.9163	10.339	12.6603	13.3681	15.4549	13.9917
13.6631	30	30	8.9429	9.66575	17.4193	16.1631
12.2576	18.3105	13.9523	17.6564	16.3411	18.3781	16.5686
16.0029	15.9545	30	9.9454	10.694	16.3312	15.6443
14.1236	16.0003	13.0006	13.7699	14.4198	17.1835	17.4186
12.7285	15.7413	14.9292	13.3993	13.2134	17.2525	18.9852
13.3892	30	15.4724	11.7267	12.476	17.1988	15.2751
15.1894	30	30	10.1245	10.5105	15.6458	15.9292
12.5787	30	30	11.6342	13.0429	15.8229	14.849
11.7549	19.4049	13.1429	15.4373	30	16.4406	16.2067
12.5818	30	14.8838	9.77543	10.4112	18.5425	19.0307
12.6081	30	30	10.2489	10.8558	17.1456	15.6488
13.6096	16.0428	30	11.5099	13.0634	16.7077	15.6404
13.1176	16.3535	14.6893	10.9548	11.0769	16.0661	14.5796
12.4659	30	30	12.4297	13.4031	17.2585	18.1621
13.6321	19.7775	30	8.5106	8.67583	15.8486	15.8362
12.9001	30	15.9215	12.8874	14.3682	16.5666	16.7731
13.1479	15.838	11.2258	11.5783	12.6619	15.9725	15.1311
14.0875	30	30	11.6485	12.9485	15.9832	15.6678
12.6676	30	30	10.5025	10.8905	15.7389	13.9678
11.0356	14.272	11.2398	11.7072	11.7074	14.232	13.2252
12.5736	30	30	10.4984	11.3079	16.3505	16.4878

13.8491	30	30	9.62065	10.0881	16.7054	17.7992
13.2293	20.8607	14.9231	9.95058	10.4784	16.5333	15.1092
13.2968	19.2627	14.7651	11.7846	12.4945	17.1503	16.1014
12.6403	30	30	10.4707	11.1495	15.8089	15.0526
13.5825	15.1546	12.9655	10.2391	10.3645	16.4891	14.9229
12.0966	17.6639	13.9995	7.80684	7.94185	16.3302	16.0834
13.0292	15.048	14.0272	12.0314	12.8338	17.2867	16.3455
13.0447	20.7105	13.9869	13.9758	15.0933	16.441	15.9137
12.6225	23.2396	30	10.2659	10.9594	16.5731	18.7963
12.8449	30	14.6156	11.122	11.5299	17.0189	16.7613
12.5733	16.3133	13.2662	12.1625	12.8104	16.396	16.2159
30	30	30	30	30	30	30
13.5908	30	15.1286	11.717	14.3662	17.2358	14.7358
14.8987	30	30	13.5263	13.8067	15.7578	16.3956
30	30	30	30	30	30	30
13.5934	30	30	13.5091	15.0658	16.516	15.4494
13.0092	30	30	10.5151	11.3687	17.1812	18.5485
13.5183	30	13.3696	12.6101	13.6926	17.6284	16.0285
12.7759	14.9921	15.1702	13.2389	13.3114	16.7058	16.0517
13.3158	30	30	10.2517	10.9667	17.4159	15.1632
13.0602	30	22.3101	12.1169	12.5555	15.923	15.2368
13.4786	30	30	11.0397	11.6469	15.6718	15.6588
13.9439	30	30	9.20894	10.0233	17.1348	16.0494
12.7649	30	30	11.6359	11.6106	15.5128	15.3259
12.4621	30	15.1706	10.5242	11.3689	16.5021	17.3557
13.0881	30	30	10.4922	10.9745	15.6218	15.723
12.6739	30	30	10.6247	11.1432	16.2636	16.3461
12.8522	14.7752	12.1134	11.1321	12.1088	15.9025	14.4641
13.1392	30	30	10.9396	11.5889	16.2815	16.8648
13.8745	30	15.1702	11.8042	13.4809	18.077	17.6952
14.0239	30	30	12.0526	12.6616	16.7163	16.1841
11.869	17.0662	14.0293	11.7716	12.3321	16.0456	17.7269
12.3398	30	23.9387	15.4102	14.2034	15.9547	15.3775
12.0697	30	30	12.6939	12.1468	16.6729	16.0965
12.5761	30	21.3534	9.16658	10.2031	16.5612	15.0975
13.5217	19.6774	14.165	13.4044	13.2458	16.7914	15.8238
14.1127	30	30	12.7159	12.9179	17.7653	16.3139
13.5128	17.4084	13.3983	10.825	11.9704	15.7591	15.4353
14.4193	30	30	12.5533	13.4897	15.9027	17.3955
12.6922	18.9336	13.3196	13.7716	14.7828	16.1893	16.6689
12.9538	30	30	12.0772	12.1416	15.7098	15.706

13.6817	16.185	30	12.3223	12.877	16.1943	15.7719
14.1398	30	30	12.668	13.2164	17.8421	30
15.2285	30	30	10.74	12.1715	18.0978	17.7232
11.0935	13.8138	10.582	11.431	11.9242	15.1978	14.2714
12.5674	30	13.8987	11.0792	11.55	16.6315	15.8485
13.5915	30	30	11.1158	11.802	16.4854	16.0918
22.3265	30	22.8751	10.5125	11.2062	16.2562	14.7643
13.5772	30	24.0868	9.99689	10.5408	16.2408	15.5482
12.5122	30	30	9.24193	9.69748	17.8075	18.0842
13.5888	20.8462	15.0557	11.1237	11.838	16.6749	17.8391
12.6512	17.6844	13.7747	10.5357	10.9835	15.3479	15.7813
13.1854	30	30	10.9568	11.7559	18.8063	18.3232
14.2801	30	30	12.6367	14.0798	17.2433	17.0073
14.3747	16.3675	23.5535	9.72789	10.3794	16.73	17.6956

Chga_A27	Chga_A39	Cre_A22	Cubn_A51	Cubn_A63	Dll4_A75	Dll4_A87
30	30	30	30	30	30	30
30	30	30	30	30	14.3122	15.052
30	30	30	30	30	30	30
30	30	30	30	30	30	15.3861
30	30	30	30	30	15.353	13.1813
30	24.4947	30	30	30	30	30
30	30	30	30	30	30	30
30	30	30	30	30	14.7442	13.5733
30	30	30	30	30	15.3449	15.1266
30	30	30	30	30	13.1212	13.8951
30	30	30	30	30	30	14.6592
30	30	30	30	30	30	30
30	30	30	30	24.6872	15.4224	16.3954
30	30	30	30	23.6821	11.4046	11.9748
30	30	30	30	30	30	16.5774
30	23.6497	30	30	30	13.9422	13.4394
30	30	30	30	30	13.713	12.6986
30	18.7801	30	30	30	30	30
30	30	30	30	30	12.9826	15.038
30	30	30	30	30	13.0801	14.7948
30	30	30	30	30	30	23.4913
30	30	30	30	30	12.9543	14.2696
30	30	30	30	30	30	16.0571
30	30	30	30	30	30	16.1116
30	30	30	30	30	12.1906	12.2012
30	22.7928	30	30	30	30	14.1373
30	30	30	30	30	15.1412	13.7304
30	30	30	30	30	30	30
30	30	30	30	30	15.3376	14.6221
30	30	30	30	30	20.435	14.0183
30	30	30	30	23.8603	30	15.8588
30	30	30	30	30	30	14.3935
30	30	30	30	30	13.2782	13.3106
30	30	30	30	30	30	30
30	30	30	30	30	30	14.7262
30	30	30	30	30	15.2487	15.8211
30	30	30	30	30	14.7259	12.1701
30	30	30	30	30	12.1031	12.223
30	30	30	30	30	30	16.3016
30	30	30	30	30	12.8271	12.8314

30	30	30	30	30	30	14.1538
30	30	30	30	30	13.2713	14.1345
30	30	30	30	30	14.942	13.9634
30	30	30	30	30	15.351	30
30	30	30	30	20.2902	30	30
30	30	30	30	30	15.1319	14.5922
30	30	30	30	30	15.381	15.1112
30	30	30	30	30	13.4958	30
30	30	30	30	30	14.9007	14.853
30	30	30	30	30	30	30
30	30	30	30	30	12.6347	12.1758
30	30	30	30	30	30	30
30	30	30	30	30	30	15.3172
30	30	30	30	30	30	14.8843
30	30	30	30	22.1225	30	30
30	30	30	30	30	13.0465	16.3913
30	30	30	30	30	13.923	14.3743
30	30	30	30	30	30	21.0996
30	30	30	30	24.0353	13.9764	30
30	30	30	30	30	14.4741	15.2909
30	30	30	30	30	14.4417	20.4785
30	30	30	30	30	14.7266	16.4287
30	30	30	30	30	12.7977	12.7933
30	30	30	30	30	12.2837	13.5074
30	30	30	30	30	12.5687	12.1567
30	30	30	30	30	13.0675	13.4761
30	30	30	30	30	30	14.6171
30	30	30	30	30	13.6223	13.9829
30	30	30	25.1148	30	13.5371	12.6428
30	30	30	30	30	13.1504	13.517
30	30	30	30	30	15.4957	14.8751
30	30	30	30	30	14.4361	13.3711
30	30	30	30	30	14.4704	13.7202
30	30	30	30	30	13.051	13.0455
30	30	30	30	30	12.0404	13.1997
30	30	30	30	30	13.2337	13.6318
30	30	30	30	30	14.0028	14.1528
30	30	30	30	30	13.7865	14.1877
30	30	30	30	30	16.2614	15.2028
30	30	30	30	30	30	13.6033
30	30	30	30	30	12.9367	13.1092

30	30	30	30	30	12.9939	13.6832
30	30	30	30	30	13.567	15.3663
30	30	30	30	30	30	17.3907
30	30	30	30	30	14.5309	14.0015
30	30	30	30	30	12.4829	12.2568
30	30	30	30	30	15.407	14.4139
30	30	30	30	30	13.8501	13.0276
30	30	30	30	30	12.1918	13.6025
30	30	30	30	30	12.3482	14.6411
30	30	30	30	30	14.49	15.4472
30	30	30	30	30	14.5507	15.7226
30	30	30	30	30	15.4332	16.8533
30	30	30	30	22.8819	30	15.1441
30	30	30	30	30	15.2702	12.0144

Dvl2_A04	Dvl2_A16	Efnb1_A28	Efnb1_A40	Epas1_A52	Epas1_A64	Ephb2_A76
22.3049	30	30	30	30	21.3164	22.6504
30	30	12.2837	14.2945	14.9349	13.3594	10.6696
30	30	30	15.6716	30	30	20.312
30	30	14.452	14.6943	30	30	12.7428
15.4167	15.6166	15.2948	14.6401	30	30	13.4535
13.9066	14.5053	30	30	30	30	19.6318
21.5817	30	30	15.138	30	14.378	13.1173
30	30	13.5877	14.6752	14.9306	14.369	11.8611
30	15.5998	30	17.5631	14.3185	14.1175	18.6549
14.4293	14.3744	30	13.7572	15.9514	30	13.9701
15.3727	15.609	15.1465	18.4474	14.4228	24.0168	13.4931
30	30	15.3579	14.7662	30	30	14.9471
13.6659	15.415	15.2457	30	30	30	12.8996
15.2589	13.1781	15.495	15.6058	30	16.9585	14.2083
15.0612	15.5203	14.2536	15.8031	30	30	14.8981
14.2959	15.59	14.424	15.9093	14.8744	13.8125	13.5166
13.8755	15.3616	15.1843	30	30	13.0828	13.9687
30	17.1964	30	13.8173	14.3534	13.3163	22.6812
30	30	12.0633	12.6218	13.1704	11.9375	9.89208
15.3395	14.4082	12.6492	14.7164	15.9314	14.1653	12.9776
15.0212	15.3702	30	15.8506	19.1534	23.9339	13.8801
30	30	30	30	30	30	14.9956
21.9742	16.5731	14.247	14.9085	30	13.5158	13.5263
30	30	15.3537	16.675	14.1835	15.1955	12.0381
30	30	30	14.5505	30	15.4589	13.6237
15.0239	14.6582	30	14.007	15.4485	12.4817	12.6734
16.308	30	14.241	14.4993	22.3183	13.6819	13.2615
30	15.3231	14.4137	30	13.792	13.8327	13.8898
15.3633	15.6196	15.3135	30	15.7704	15.2856	21.9136
30	30	13.7621	14.6722	30	23.8422	12.2221
15.7181	30	18.3395	15.6704	16.4455	22.8761	12.7244
30	30	14.2355	13.7075	14.4099	15.5301	14.0134
24.001	30	13.0571	13.3295	30	30	12.3572
30	15.3988	30	15.5274	15.9157	14.4853	12.1924
30	30	13.3602	15.475	15.8445	15.5029	23.2226
30	30	23.6034	30	13.834	13.4794	12.2702
30	30	13.0851	13.4327	16.027	23.941	11.7917
14.3425	13.5388	14.3271	14.3104	30	30	12.2633
30	14.3247	11.5185	13.0467	12.7441	12.9014	10.1297
12.5132	15.5338	15.4209	14.3164	15.9541	30	13.4416

15.2149	15.2621	14.3209	14.1537	15.9499	13.994	13.9129
21.9392	19.7618	14.2654	30	14.2765	16.3768	13.319
14.1244	14.4366	13.4798	15.6226	14.8968	30	13.8417
12.9575	14.08	15.3328	13.3764	15.725	14.5596	14.9331
14.3304	30	14.5364	20.7496	30	30	14.0803
20.9139	15.7117	13.3781	13.689	13.8151	12.6826	11.6534
17.6468	16.1096	13.3135	14.0806	14.4916	16.6629	15.148
14.347	14.5202	30	30	13.7073	13.149	14.7486
14.8419	16.0197	15.2848	16.676	13.4233	13.886	13.9494
30	30	15.3345	14.1117	15.4239	30	13.6125
30	30	15.0681	30	30	20.125	13.3806
14.0405	13.6043	30	30	30	30	20.6592
30	15.2446	30	30	30	30	13.2666
30	30	15.1064	16.8382	30	15.6657	13.3951
30	30	30	30	30	30	18.5361
30	15.3478	30	14.0935	30	30	19.8808
13.7833	15.3448	30	30	30	30	23.9769
13.8756	13.741	14.2082	17.3054	14.3094	30	12.1582
15.1207	30	15.0522	20.6479	30	30	14.3351
30	13.261	30	14.5012	15.9713	15.049	11.9996
14.997	15.1303	12.1493	16.9163	14.3765	14.5436	12.8023
22.4051	14.431	15.0223	16.0555	30	18.9837	13.4107
13.9474	13.7922	30	15.7004	30	30	13.0406
15.0849	15.3199	30	13.6684	30	30	11.6174
30	30	13.4149	13.8223	15.0752	14.9307	14.9421
30	30	30	15.4608	15.0436	14.298	11.9995
30	14.2695	30	21.8131	16.4389	15.4977	12.4703
14.3475	15.382	15.6376	13.3514	30	30	11.8437
13.6074	15.1215	15.0297	17.6586	30	30	13.9875
30	30	14.8722	30	14.9035	14.5939	14.1417
30	30	14.2484	17.4844	14.3352	15.6398	14.015
30	30	30	30	30	30	14.9632
30	30	13.4706	30	16.0441	22.6126	13.3962
30	14.5714	15.2096	14.5994	16.1278	23.1325	13.379
30	30	14.5242	30	30	22.4625	14.0523
30	14.3	30	13.9455	30	14.3194	12.8839
14.3505	30	14.2905	15.7692	30	24.1911	13.1928
30	30	12.0841	19.5021	14.2753	13.9862	13.1906
30	30	15.1789	15.9659	14.129	30	15.0544
30	30	30	15.6481	15.0425	30	12.5091
30	30	15.3158	14.8698	30	30	13.203

30	30	15.2507	30	30	30	13.2868
30	30	30	23.7877	30	18.2639	13.7086
30	15.4353	30	30	30	24.2696	21.9976
15.0502	12.946	11.9277	15.0004	13.899	12.4287	11.6524
15.2678	14.4761	15.2643	13.511	14.5793	15.4098	15.0627
30	14.657	13.2402	13.9334	15.215	21.8372	20.8465
15.002	13.5608	14.0317	13.6972	13.8168	13.921	14.9928
13.2928	13.7774	15.0392	30	13.5862	13.097	12.5844
15.2936	14.2861	30	22.0725	30	23.8144	13.0779
30	17.0944	30	30	30	24.2239	13.4354
13.6158	30	15.2788	21.0963	14.5478	12.7596	12.4014
30	30	30	30	15.1408	23.3879	13.9531
30	15.4107	30	30	30	15.9744	13.2635
30	30	12.8348	14.9188	15.9426	13.9695	12.4417

Ephb2_A88	Ereg_A05	Ereg_A17	Fut2_A29	Fut2_A41	Gapdh_A53	Gapdh_A65
30	30	30	30	15.0521	10.8283	10.7776
12.476	30	30	30	15.8194	7.69362	7.56659
30	30	30	30	30	10.5139	10.4472
13.3621	30	30	30	15.9861	9.64157	9.58097
30	30	30	30	17.0883	9.35168	9.34558
30	30	30	30	30	10.5998	10.6802
14.3898	24.5824	30	30	19.2159	10.28	10.2396
14.8469	30	30	30	30	8.81509	8.76898
17.4242	30	30	30	17.2158	9.24163	9.32001
30	30	30	30	16.2215	10.4372	10.5112
14.8672	30	30	30	30	9.90866	9.89282
16.8662	30	30	30	30	9.19216	9.17553
14.8865	30	30	30	22.1655	9.5738	9.61092
15.9856	30	30	30	30	8.82795	8.81635
15.4579	30	30	30	21.5914	10.2814	10.1727
14.8878	30	30	30	30	9.269	9.25305
16.8562	30	30	30	30	9.11742	9.19537
16.284	30	30	30	18.1019	9.8068	9.79436
11.9551	30	30	30	30	6.8514	6.85644
14.3115	30	30	30	15.9442	10.2563	10.3172
15.4563	30	30	13.2061	12.7933	9.76106	9.79228
17.033	30	30	30	30	10.0261	9.9705
14.4005	30	30	30	21.1991	9.65642	9.60329
15.3947	30	30	30	30	9.31754	9.2316
14.4047	30	30	30	30	9.31509	9.33775
16.1079	30	30	30	30	9.73461	9.71494
13.7257	30	30	30	30	8.87027	8.9075
14.9566	30	30	30	15.0703	8.94993	9.00029
16.4162	30	30	30	30	9.87051	9.88477
12.5536	30	30	30	17.2099	9.31066	9.29054
14.6759	30	30	30	19.8127	9.55284	9.59034
16.0355	30	30	30	15.166	9.59486	9.67619
15.7939	30	30	30	30	9.65841	9.61822
14.4131	30	30	30	15.4388	9.4412	9.45292
15.2317	30	30	30	22.4589	10.2024	10.1629
15.1439	30	30	30	30	9.08965	9.15493
15.4865	30	24.3256	30	30	10.0439	10.0335
14.7456	30	30	30	30	8.78758	8.80741
12.1716	30	30	30	15.544	7.25135	7.18784
14.535	30	30	30	17.8909	8.99226	9.0092

15.7352	30	30	30	16.3468	9.59448	9.60636
17.0339	30	30	30	30	10.1394	10.2425
14.3898	30	30	30	30	9.67747	9.56589
17.0072	30	30	30	30	9.13526	9.12761
16.1473	30	30	30	30	9.50238	9.50873
19.4039	30	30	30	30	8.49816	8.52816
14.8283	30	30	30	19.3262	9.64827	9.61272
16.8855	30	30	17.2997	13.4649	9.09551	9.08155
16.8575	30	30	30	16.0529	9.59838	9.67941
14.836	30	30	30	30	9.86837	10.0161
15.4823	30	30	30	30	9.44594	9.51121
30	30	30	30	15.0672	9.44457	9.51074
15.4807	30	30	30	15.6424	10.3852	10.4777
17.216	30	30	30	16.6812	9.25382	9.4616
30	30	30	30	22.1994	11.9965	12.2103
30	30	30	30	19.432	10.6198	10.7847
16.2544	30	30	30	30	10.4452	10.6447
15.209	30	30	30	30	8.50931	8.75082
15.1302	30	30	30	20.8786	9.96187	10.1598
15.4525	30	30	30	20.8978	9.75114	9.86243
14.6531	30	30	30	30	9.53288	9.73149
14.6722	30	30	30	30	9.52842	9.54023
15.6139	30	30	30	30	10.2202	10.345
16.4312	30	30	30	30	9.30451	9.52613
15.3978	30	30	30	19.4992	9.56435	9.78721
16.9645	30	30	30	30	9.64566	9.90451
15.9822	30	30	30	30	10.3389	10.4351
14.0243	30	30	30	30	8.4046	8.54475
15.3122	30	30	30	17.8616	10.4324	10.6329
15.3783	30	30	30	22.9715	9.74055	9.86769
15.7539	30	30	30	30	10.2956	10.4485
15.5327	30	30	30	30	10.3893	10.5906
15.1772	23.0021	30	30	30	10.0953	10.2726
16.7841	30	30	30	16.2992	9.68653	9.72964
15.7249	30	30	30	30	10.1662	10.1721
14.871	30	30	30	30	9.62623	9.70787
15.2987	30	30	30	16.1171	10.3993	10.5447
15.0299	24.2311	30	30	18.3778	9.3773	9.49833
17.081	30	30	30	30	9.68435	9.80321
16.1947	30	30	30	30	9.97095	10.0377
16.3192	30	30	30	30	10.2134	10.3422

15.2043	30	30	30	30	9.56512	9.63955
16.2264	30	30	30	16.4714	10.2914	10.3413
17.0672	30	30	30	14.5979	11.3405	11.3719
13.4869	30	30	30	14.0893	7.9767	8.09523
15.2497	30	30	30	14.8215	9.3697	9.59014
14.9753	30	30	30	17.3321	9.70027	9.80693
15.2192	30	30	30	16.6551	9.00428	9.16958
14.0888	30	30	30	30	9.65302	9.74706
15.256	30	30	30	16.2649	9.06786	9.11591
15.6811	30	30	30	30	9.50654	9.60465
15.0043	30	30	30	17.3763	10.1337	10.1912
16.2453	30	30	30	30	10.927	11.0433
17.2468	30	30	30	21.6412	10.5047	10.5381
15.2318	30	30	30	17.2165	8.43952	8.45991

Gsk3b_A77	Gsk3b_A89	Gusb_A06	Gusb_A18	H6pd_A30	H6pd_A42	Hes1_A54
14.279	12.983	30	30	30	17.0527	30
12.3357	11.3284	15.7644	13.3182	15.2467	30	11.5698
14.0833	13.1215	22.0989	30	30	21.2085	30
12.9043	13.3952	15.3562	13.5186	30	30	15.063
15.1742	15.2512	14.3694	15.4135	20.6812	13.7949	30
30	24.2093	15.0369	15.2809	30	20.8572	30
11.7909	14.5659	13.4033	11.6261	30	30	30
11.948	12.3703	14.7629	12.7334	15.6141	16.5357	13.6773
11.6413	11.4494	15.8785	19.064	16.7211	14.9963	30
13.6331	12.5151	15.8607	14.4392	30	14.9261	13.3779
12.863	13.2906	30	14.6026	30	21.5309	16.7449
12.1352	13.9588	30	16.2006	30	20.3369	14.2801
12.374	14.2364	15.8868	12.8518	30	30	13.7581
11.7602	11.5225	14.4788	15.3129	18.7722	15.0208	14.9602
13.6445	14.537	14.6761	14.1969	16.5893	30	21.5737
13.2438	12.6543	30	30	30	30	15.4938
13.5784	12.314	14.7312	12.7891	16.5008	20.0286	17.5046
12.3192	11.8414	13.3621	15.1337	19.9902	16.0678	30
11.0443	11.5346	13.4281	12.6286	15.2271	14.2224	13.0633
11.8109	12.2826	14.7906	13.6843	30	21.4998	16.0697
12.9385	12.799	30	30	30	22.4722	14.7905
14.2759	13.6713	30	30	16.333	15.53	15.546
12.6049	12.3075	30	13.959	30	22.1332	13.5275
11.9776	14.3464	15.4865	13.8089	17.4804	15.393	30
13.1808	12.9384	14.9363	15.2503	30	30	14.193
12.6495	14.2111	15.8096	30	30	24.0571	12.584
12.8804	13.2935	30	14.4283	30	19.0015	15.7052
30	12.2467	30	15.4207	30	30	13.7157
13.1475	11.6918	15.9263	15.3901	16.7025	28.5789	14.0477
12.8025	13.2581	15.8869	13.2391	17.5136	17.3671	16.9053
14.5362	13.6261	14.1424	12.6631	30	15.9053	30
12.9818	13.2934	13.3625	13.8707	30	30	15.6005
14.1781	15.1775	14.8572	12.5083	15.9334	14.7733	30
12.486	11.8116	15.3237	14.3008	30	18.0591	14.1501
12.7934	12.5308	16.0313	30	30	18.0801	16.1901
12.4875	12.0163	13.8168	13.7252	30	21.1682	14.8338
14.1547	14.4385	25.4172	30	30	16.6104	16.2779
12.935	15.318	15.7716	13.1916	17.521	16.5138	15.1581
10.7648	10.7265	13.6646	11.4582	16.9939	18.2699	11.9237
12.638	12.3024	14.881	13.1296	30	21.8643	13.1197

12.8587	14.1612	15.7587	14.9957	30	24.1556	12.727
30	13.0652	30	30	23.3636	14.346	14.5645
12.8908	12.302	30	13.0421	30	19.6176	30
13.1965	12.2636	13.8438	13.2181	18.3996	16.6782	15.9901
14.3546	12.714	30	14.4068	30	30	30
11.7528	11.2136	13.6465	13.645	30	23.9957	14.8624
12.3481	12.5874	13.1122	13.636	21.027	16.4318	14.4596
12.3701	12.229	16.101	13.6277	15.9521	19.3039	12.92
15.2836	13.7552	30	13.928	30	20.7225	15.3303
12.9572	12.9417	14.0432	12.9106	30	16.4789	30
12.9636	13.1254	30	18.3203	30	15.8166	14.8474
13.4041	13.4045	30	15.9269	30	22.4278	30
30	13.7809	30	12.6388	16.5402	21.7724	30
14.1326	13.4609	13.6429	12.49	15.6326	18.4009	16.6107
30	30	30	30	30	23.8894	30
15.4943	12.7468	15.651	13.9707	16.9931	24.0575	30
15.4022	14.5086	13.6356	14.2792	16.7842	30	30
12.6774	13.8187	14.1861	15.0291	30	16.6827	14.4089
12.6825	13.1205	14.5678	30	30	17.2442	30
12.6294	15.2887	30	30	15.1067	16.4163	17.2696
14.4309	13.7617	30	13.4256	15.369	19.7547	30
13.1883	12.7913	30	30	30	12.0435	30
13.8441	12.8981	15.7574	12.8184	30	13.9349	30
11.8711	12.6103	14.6757	13.4555	30	24.0612	16.0739
13.0959	12.679	15.3431	13.5124	30	19.5344	15.6869
13.3324	13.4919	30	13.4478	15.8261	16.1879	14.2997
14.3082	15.8034	30	15.0712	30	23.4665	16.2577
12.2835	12.1087	13.104	13.0025	17.0074	23.1819	12.6341
30	30	14.0406	15.1739	30	30	30
14.4045	13.5287	30	22.0743	30	18.1224	17.0657
12.4492	12.0321	14.7746	30	30	22.1573	15.1322
30	14.2593	30	15.2238	30	15.3802	30
13.0211	12.7585	13.153	13.5504	17.5129	14.7124	15.4964
12.3334	13.0133	13.9983	14.1467	30	21.3415	30
13.4973	13.1302	30	15.082	30	22.033	30
15.2766	13.3372	14.1119	13.6523	18.0374	30	30
13.7924	13.7545	30	16.1412	16.4963	20.2917	13.3691
12.5754	12.3589	15.4177	13.1641	18.3637	16.3334	30
13.2552	12.5938	13.8258	15.1653	14.8146	15.3992	16.2729
13.8201	14.4149	15.4617	13.7819	17.3646	14.1288	13.8112
14.3132	12.6667	16.0091	16.7604	30	19.8183	30

30	14.4799	15.7438	15.0998	30	24.2744	20.023
14.4081	15.4902	30	16.1625	16.7449	30	30
14.358	15.3774	15.7689	22.1742	16.7549	22.1967	25.2326
11.1252	10.5563	30	30	14.9318	14.2459	11.8898
15.2611	14.517	15.7758	12.9297	30	21.797	14.2695
12.4	13.1221	13.5626	12.2363	16.9034	14.2276	30
30	13.9626	15.7623	14.8393	14.8014	14.6352	15.238
12.8941	14.3173	15.6693	13.7379	16.9905	13.4102	18.8784
12.0266	11.553	15.8761	20.8984	16.2564	15.4185	16.5651
13.4717	13.3322	15.7913	13.0754	15.1582	13.8652	16.5285
13.1949	13.0465	15.853	13.7811	16.765	30	13.6856
13.2689	13.6051	15.8956	13.6242	30	22.9672	17.0127
30	15.6631	14.1799	19.1618	30	24.2359	15.4847
13.4383	14.3898	15.7612	12.9873	17.1441	16.0355	14.7095

Hes1_A66	Hes5_A78	Hes5_A90	Hif1a_A07	Hif1a_A19	Hopx_A31	Hopx_A43
23.6169	30	30	15.2551	15.1766	26.4119	30
9.6686	18.0208	22.4324	12.6571	14.0707	11.4004	11.4193
30	30	30	30	15.1708	30	30
12.5528	19.3862	30	12.9946	12.8193	11.9421	11.9349
30	30	30	13.4673	14.8548	13.0987	13.1714
30	30	30	15.3573	30	26.1726	30
21.1087	30	30	12.6073	12.2445	11.2656	11.2206
14.1484	30	30	13.0239	14.6842	11.5536	11.4815
30	30	30	12.6836	12.0942	13.8436	13.7233
11.2114	30	30	14.5536	13.5252	12.3899	12.3221
15.9369	30	30	13.2325	12.1066	12.7385	12.6727
14.177	30	30	12.8657	12.5745	11.8472	11.7599
30	30	30	14.0849	13.5178	11.433	11.4247
13.1894	19.145	30	14.0271	21.7208	12.4829	12.5259
14.9061	30	30	30	13.0687	12.6266	12.6981
13.8633	30	30	12.7835	11.8979	12.2859	12.3552
14.5749	30	30	12.8663	14.4325	11.7222	11.6921
30	19.731	19.3001	13.2397	12.2784	10.6919	10.6167
11.2322	30	30	11.4977	11.5805	10.7562	10.747
15.1654	30	30	30	30	12.5859	12.5253
14.1162	21.5815	30	13.6882	12.5035	11.8684	11.8619
13.9485	30	30	13.2929	13.8794	13.2988	13.2031
12.5627	30	30	15.329	30	11.926	11.9068
30	30	30	13.8347	12.9272	11.8787	11.9192
13.8757	21.7629	24.822	14.1604	13.339	11.6677	11.5876
13.6356	30	30	12.0388	11.3531	11.8643	11.8224
13.7879	18.3615	30	12.0371	11.5	12.225	12.2186
13.8867	30	30	15.1852	15.0922	12.132	12.0517
11.8345	30	30	14.2719	13.924	13.0616	13.0086
15.2406	30	30	13.1606	13.6561	12.457	12.504
24.7527	21.7379	21.1651	15.1215	14.7761	11.6244	11.593
12.9339	30	30	12.2221	13.0536	11.8949	11.8181
30	30	30	12.6953	14.0049	11.8748	11.7419
12.6646	30	20.9373	12.8099	11.6766	11.8025	11.7543
17.8634	30	30	14.4776	12.3494	13.4578	13.341
12.5011	30	30	30	30	12.9908	13.0503
30	30	30	13.8193	14.1133	12.4358	12.3478
12.7416	30	30	13.2053	12.4553	11.9002	11.7278
9.75843	30	30	12.458	12.7803	10.7893	10.6864
12.6204	19.8342	23.8304	13.7203	14.1383	12.294	12.2195

11.0255	19.4285	19.2098	12.2394	12.3115	11.9128	11.8483
12.7418	30	30	14.3373	12.8221	12.0578	11.9904
30	19.2345	19.7771	12.9333	12.5825	12.4031	12.243
15.7033	30	30	15.8743	13.3593	12.0874	12.0164
30	30	30	30	30	12.4817	12.4462
12.1643	30	30	12.7538	10.9972	11.7396	11.6902
12.8943	30	30	13.3113	13.8966	12.0551	12.0468
11.7828	30	30	14.4234	13.8736	11.9706	11.8887
13.1629	23.6991	17.8	30	14.469	11.4713	11.3683
30	30	30	30	14.7435	11.6161	11.6689
14.0724	30	30	14.9196	13.7881	11.7628	11.7744
30	30	30	15.1207	13.7247	13.8456	13.7677
30	30	30	14.4347	14.7975	12.637	12.6267
14.9927	20.1042	30	30	13.3476	11.6647	11.7069
30	30	30	30	30	23.1151	23.2266
23.9983	18.9228	21.5169	30	30	13.8316	13.7824
30	30	30	15.0323	14.7146	11.745	11.8191
17.4495	30	30	30	17.4846	11.3782	11.4405
27.9039	30	30	15.3954	12.3428	11.0571	11.1521
15.4086	30	30	15.1934	13.7219	11.8838	12.0032
30	30	30	12.5726	12.4207	11.978	12.027
30	30	19.5408	12.8911	13.7829	12.55	12.5462
30	30	30	12.6472	13.1591	11.6305	11.6405
15.1601	30	24.4946	12.5936	14.945	11.6952	11.7024
13.9438	30	30	14.0006	24.0652	10.8513	10.9103
13.5232	22.0072	18.9269	15.1447	12.4983	11.8586	11.8959
30	30	30	15.0644	30	12.4916	12.6294
11.7064	30	30	13.6159	12.6929	10.5262	10.6016
30	30	30	13.4416	13.6054	12.4644	12.4819
30	30	19.5489	15.1483	30	12.1601	12.3297
13.0001	30	30	14.0726	13.0706	11.8651	11.9025
30	30	30	14.0494	14.6388	11.8346	11.9147
14.5424	19.4336	22.7425	12.613	13.1279	12.4514	12.5396
30	30	30	12.7347	13.1182	11.6155	11.6456
30	30	30	30	13.0019	12.1266	12.2448
30	30	30	12.7598	12.6074	11.9114	12.0093
13.5838	30	30	15.135	13.0376	12.1714	12.273
30	30	30	13.5665	12.7293	12.3126	12.4012
13.7861	30	30	30	30	11.4575	11.5391
13.2284	21.3008	30	30	13.0256	12.8348	12.9547
23.5849	30	30	12.5343	12.7445	11.9923	12.0632

16.2134	30	18.4444	30	30	11.967	12.0311
24.826	18.7686	20.8482	14.1643	30	12.6781	12.6231
22.9548	30	30	30	30	12.7923	12.8578
10.1437	23.9357	30	12.5439	11.3245	10.9772	11.0539
13.8927	30	30	30	12.2806	11.8642	11.894
30	30	30	13.461	13.5889	11.4139	11.5096
13.2303	30	30	15.5072	13.6484	11.7844	11.7728
14.1794	30	30	15.2004	30	11.421	11.4168
13.8846	30	30	12.3002	11.9703	11.9762	12.0781
14.6251	30	19.0568	14.3828	12.0043	11.7804	11.841
11.7266	30	30	13.2286	12.6581	12.4535	12.6589
16.2718	30	30	12.503	30	12.7934	12.8073
13.7456	30	30	30	30	12.759	12.7859
18.6745	18.2274	17.3279	12.2836	13.3472	14.6936	14.5998

Jag1_A55	Jag1_A67	Lgr5_A79	Lgr5_A91	Lrig1_A08	Lrig1_A20	Lyz2_A32
23.9408	30	30	30	30	24.4701	16.2109
15.2031	13.8811	11.078	10.3263	10.6844	10.173	9.9758
18.0932	30	23.5467	30	30	30	16.399
21.7881	30	30	30	12.2621	14.4153	9.92455
23.5298	30	15.0352	30	12.2315	13.7937	9.45704
18.7577	30	30	30	30	22.2764	17.4501
21.9579	30	23.2403	30	12.2309	12.7383	18.8757
24.8896	30	13.6953	11.8506	11.6869	12.4527	9.17182
20.1617	16.3599	13.4478	12.6642	12.8429	14.1633	12.8326
21.3093	30	30	30	12.2587	13.0323	9.29293
20.5599	26.2846	13.5642	30	30	14.8891	10.4349
15.4553	15.3675	30	22.3601	12.9826	13.116	15.8633
26.2593	30	30	30	15.2519	13.3543	10.3781
17.6133	30	30	30	12.72	15.1549	9.54083
15.2801	14.2888	13.5286	13.1286	14.28	14.276	10.8314
14.8729	14.4035	30	15.8716	13.0297	12.4963	11.7281
21.7073	30	14.8396	14.4785	12.7467	12.777	9.33262
19.24	30	30	14.1638	11.0485	12.4034	8.59925
24.3013	15.2155	12.5203	12.3525	10.3727	10.7251	9.17183
16.8597	15.1561	16.0865	15.536	12.3095	10.9182	11.1949
22.1593	30	30	30	12.2316	13.7547	9.42224
16.7851	30	14.2194	13.8432	12.4817	13.3228	12.5401
17.7684	19.4005	30	30	13.1268	13.402	9.49104
15.7168	15.2661	13.923	30	12.828	15.3388	9.72738
21.3807	15.8784	14.5962	13.4822	13.7421	15.224	10.0209
22.7893	30	30	30	12.5071	12.9789	12.9011
22.5781	23.6756	24.264	23.4594	12.9826	15.2795	10.765
21.3122	14.3784	30	30	13.9161	13.7023	12.8129
14.9587	15.2012	30	14.3573	12.9012	14.3918	16.0586
18.8408	30	13.4531	14.3847	11.774	12.9562	9.772
21.404	30	30	30	12.3446	19.296	9.24208
18.3031	30	12.9219	11.9792	12.6779	11.6831	9.783
23.5473	30	30	15.4284	12.9409	15.2078	11.1003
21.6719	15.3679	14.9412	30	13.2849	13.6676	10.0279
18.5469	15.2153	13.5061	12.7967	14.0092	12.8403	10.1045
20.9794	22.6477	15.1026	14.7365	13.3048	13.8526	8.82744
18.6419	15.5766	30	30	12.0426	15.4011	10.2581
19.9038	14.2678	14.4668	14.2831	12.3775	9.4173	10.6139
16.1794	13.2678	10.8646	11.3259	10.2474	11.1629	10.7956
20.2248	22.8053	21.1828	13.9854	12.0468	12.6155	9.09913

19.3092	15.1118	13.4407	30	12.9698	12.491	9.84582
20.4627	30	30	30	13.3316	14.0055	9.59543
16.8402	30	13.8065	14.2652	12.7771	15.1376	8.77469
23.4459	30	18.8138	15.6392	12.365	12.3152	11.2503
17.6975	30	30	30	13.3345	13.7816	9.76519
17.4498	30	15.4715	13.2391	12.0816	12.5196	9.42024
19.6615	30	24.4858	15.4077	12.6656	14.5736	9.1909
17.3609	30	12.9351	15.293	12.299	13.812	13.45
20.7521	14.2576	30	30	30	12.9186	9.61062
16.6531	15.4669	30	30	13.4818	14.968	11.5071
20.6825	30	15.3537	30	12.4993	13.1139	10.2426
19.5953	30	30	30	30	30	17.1473
15.7785	23.7645	30	30	30	14.9098	11.6175
30	19.3959	30	30	12.9118	11.9629	10.0314
24.7611	30	30	30	30	24.7244	16.7512
19.6854	15.4073	30	30	14.0648	15.0237	11.8767
16.6861	30	24.5087	15.6017	13.8813	16.0307	11.3175
17.6978	15.4652	30	30	13.9321	22.6549	9.52962
20.4653	30	30	30	12.5523	15.3916	13.2861
16.9018	21.0098	13.6555	14.369	11.8598	12.2559	12.1666
19.8404	30	30	15.7701	12.8944	14.8782	10.6922
22.9277	30	14.9698	24.3791	12.1702	12.9291	13.6687
16.5094	30	13.7103	14.6476	13.1878	12.9286	10.3825
19.4267	13.5215	14.3439	14.5682	12.7065	13.1714	13.2272
20.6267	30	17.5165	13.9064	13.1685	13.4699	10.294
23.0676	30	30	30	12.1311	12.169	10.4951
30	30	30	16.5442	14.562	13.0933	11.6406
16.0364	30	12.113	10.8323	14.0668	10.9379	11.4201
20.7073	23.5473	30	30	15.1837	13.9991	11.942
20.4193	24.0189	15.3695	30	13.8441	13.3522	9.92206
22.6617	30	16.1838	14.6107	12.1698	13.7845	10.7552
16.0252	15.4793	30	30	14.812	12.2019	11.5196
20.6271	30	30	30	13.061	13.4635	9.52695
15.7982	30	30	30	14.8182	14.1588	9.96882
17.5834	30	16.0963	14.4008	30	14.3893	13.5199
23.3343	30	30	30	14.9999	14.6823	11.7601
30	30	22.8785	30	13.7369	15.074	13.7073
17.7189	14.7687	12.6374	13.0379	11.2393	11.7382	10.0973
20.6385	30	15.9508	13.9232	13.8286	12.3664	9.81541
16.7121	13.808	30	30	12.2959	14.0442	7.81882
17.2154	13.4993	30	30	12.0883	12.7117	10.7054

15.4865	12.8739	30	30	13.48	9.96617	10.3204
15.2023	30	30	30	14.8625	12.8961	13.7926
21.1885	30	30	30	13.4655	15.1411	14.6797
20.396	14.4245	12.7407	14.1714	10.7123	11.3219	12.1308
15.156	30	30	13.7644	12.5506	12.8691	11.9425
21.8129	30	15.5522	15.675	13.4364	12.5806	9.57934
17.7993	30	14.5365	14.8908	11.6668	12.2923	11.9558
16.3728	30	17.6506	14.4686	11.4159	12.3046	9.75341
21.5353	30	14.8446	14.3755	11.7102	13.6836	12.716
15.886	30	30	30	14.1805	11.5112	12.2388
21.0035	15.58	13.2934	15.2026	12.9232	12.9079	11.6325
23.1656	30	13.7752	30	13.2944	14.4503	13.0017
21.4932	30	15.4712	15.7274	18.8533	15.1601	12.0095
23.3402	30	30	30	30	22.446	12.264

Lyz2_A44	Msi1_A56	Msi1_A68	Msi2_A80	Msi2_A92	Myb_A09	Myb_A21
17.887	30	30	30	30	30	30
9.74017	10.0634	13.1323	11.8705	13.4205	10.948	11.029
16.7292	30	25.2351	30	30	30	30
9.89794	14.5166	15.0682	13.1727	17.8129	30	30
9.13655	12.8355	14.4325	13.1292	12.821	15.6754	15.5624
23.5931	30	30	30	30	30	30
16.344	12.431	13.9101	13.3662	14.6122	30	30
8.90573	13.3327	13.0084	13.2307	15.7885	30	30
12.1271	13.2741	13.5268	12.9005	14.2601	30	30
9.15769	11.4491	13.4312	13.338	16.3739	30	15.2223
10.0883	12.4918	14.4377	23.5002	13.2068	15.5471	14.4746
13.8715	13.024	14.3776	13.0989	16.2368	30	30
10.1093	14.1069	21.1541	13.2603	14.3804	30	15.3224
9.12855	14.658	16.0875	14.2741	14.5507	13.7966	14.072
10.2207	14.4117	14.8813	13.4228	13.4899	30	30
11.4845	13.5136	21.3899	30	14.2326	30	30
8.89244	12.255	14.6474	12.761	14.7155	30	30
8.26669	14.4442	13.7906	12.3918	13.0816	30	30
8.87391	10.8499	12.7594	11.6848	13.5236	9.68492	9.59696
10.5686	11.8397	11.9391	11.7522	16.0611	30	30
9.0213	16.8639	15.8605	12.5995	13.9032	30	30
11.9303	14.8465	23.7087	12.5992	14.5925	30	17.985
9.09648	13.0182	14.504	13.9502	14.9174	12.626	12.4354
9.35876	12.8423	13.8557	13.1213	17.912	13.2023	13.391
9.52756	12.8546	14.9702	13.2311	17.1689	30	30
12.1115	15.0053	13.2276	14.0448	15.776	30	30
9.96205	12.2061	15.9503	13.5154	13.3312	14.6392	30
12.8719	30	30	12.7919	14.9361	14.4957	16.5318
14.3317	13.0413	30	14.2193	16.0189	30	30
9.52281	13.7715	18.2096	12.964	13.6902	30	30
8.88828	15.0678	20.1885	30	23.8819	30	30
9.35572	13.8421	30	14.7295	14.2715	30	30
10.5708	12.4563	14.2467	15.143	15.458	30	30
9.94008	14.3083	15.6102	13.2471	12.95	15.361	15.5061
9.71886	14.3638	15.9167	15.2854	13.975	30	30
8.65978	15.2772	21.9598	13.7122	14.6064	30	30
9.84159	14.1367	14.8922	13.2134	15.1024	30	30
10.2142	13.037	16.7559	13.1087	13.5793	30	30
10.3538	9.97506	12.1802	12.0182	12.556	9.77679	10.1301
8.77497	10.928	14.1123	12.9134	13.9905	30	15.619

9.74511	10.9701	13.0718	12.6551	14.0385	30	15.338
9.16235	12.0342	12.8603	14.0393	14.4733	30	30
8.31569	11.6761	13.4197	14.224	13.9365	30	30
10.6901	11.753	14.8357	14.4755	17.3841	16.9485	15.805
9.37839	11.8275	14.4145	12.0602	12.9101	30	23.0257
9.20092	11.7251	12.6039	11.7683	14.4378	13.6755	30
8.7812	12.5602	13.9519	13.9799	14.0472	15.7836	30
13.2224	12.5938	14.3131	12.6155	12.0315	30	30
9.2335	12.6189	30	12.7934	14.115	12.6191	30
11.0103	14.0421	15.1413	13.3771	14.6643	30	30
10.0962	12.533	15.1001	14.3056	14.0533	30	30
18.0122	30	30	15.4962	15.0427	30	22.3302
11.3337	11.9404	13.3625	30	30	13.5516	30
9.83912	12.7305	30	13.294	14.0658	30	30
15.7975	30	30	30	21.3033	30	30
11.7684	30	24.7804	14.6029	16.089	30	30
11.3553	12.8646	15.2963	30	14.5916	30	19.2552
9.30577	14.2037	30	14.2977	15.4535	14.2473	15.1188
13.1156	13.4009	14.3135	14.3675	14.6779	20.6615	30
11.7106	12.3242	15.3112	15.2951	30	30	15.0076
10.7758	13.175	14.2535	12.7923	13.464	30	30
12.4875	30	30	12.8297	14.0007	30	30
9.81751	12.5852	12.6867	11.8272	14.663	15.5661	15.1092
12.9727	13.0316	13.4542	12.2606	13.6477	30	15.386
9.79233	30	19.2247	13.7089	14.3794	30	30
10.2398	12.9464	14.97	30	18.5545	30	30
11.1921	12.4634	14.5493	15.3342	16.4157	30	30
10.8153	11.3222	13.349	13.8716	14.1439	11.6744	12.3147
12.1755	13.2331	14.6842	13.3805	13.9974	30	30
9.90499	13.948	15.4173	17.2154	14.7122	30	30
10.5293	14.113	15.9551	13.7086	13.4635	30	30
11.4149	13.7148	16.0768	30	15.3469	30	30
9.1329	13.0322	16.0237	12.8288	13.7756	30	30
9.49318	13.1937	13.6133	12.9283	15.2643	30	30
12.9444	12.6665	13.9156	13.1186	14.812	15.4121	12.9846
11.4154	16.7368	14.1379	14.4016	30	30	23.3067
13.3455	13.7223	17.2231	13.3311	14.7351	14.4156	14.1336
9.57119	12.9622	13.7437	12.3277	14.179	30	30
9.66542	11.989	13.8006	12.6093	12.9253	30	30
7.62393	15.194	23.6827	12.5009	14.8251	13.7129	15.1165
10.3813	13.6467	30	13.7729	15.1926	30	30

10.1394	13.0019	14.9053	13.7931	13.0469	30	30
13.9435	13.0479	30	13.0896	16.9588	30	14.3252
13.4145	13.7561	15.9444	14.2813	30	30	30
11.8853	12.5411	14.0292	11.4713	13.1529	11.2263	11.0411
11.5445	12.6835	16.0195	12.5903	13.5985	30	22.2767
9.23422	12.5079	14.3381	13.7784	22.6948	30	30
11.1505	13.2293	16.0489	12.9369	12.7211	30	30
9.24962	12.7854	14.6591	14.4662	24.015	30	30
12.0033	12.2076	16.2725	14.6518	13.666	30	15.1863
11.7284	14.3603	20.7252	13.3782	15.9381	30	21.0781
11.437	14.3074	16.3899	12.7504	18.1645	15.1498	15.2488
12.7176	30	30	11.8239	14.5985	13.5203	20.2564
11.5833	12.0882	15.8233	13.3955	19.3141	30	30
11.8543	30	22.9161	30	30	30	30

Myc_A33	Myc_A45	Notch1_A57	Notch1_A69	Numb_A81	Numb_A93	Olfm4_A10
30	30	20.4993	30	30	30	30
10.1843	10.5765	12.8411	14.0271	13.369	12.8007	5.67405
14.3893	14.0329	13.0717	13.4992	30	30	22.7491
12.8735	13.537	19.9188	30	14.9432	14.7799	30
12.8027	15.3237	19.2864	30	30	30	30
11.1161	11.7486	19.8413	30	30	30	30
13.5062	13.9942	19.7251	30	13.9341	30	30
17.1787	30	20.8658	30	15.0396	11.9191	13.647
11.889	11.9078	18.8311	30	17.8595	15.6102	30
15.1721	15.9023	20.0161	30	14.1489	14.1016	16.8757
15.2544	15.0731	20.7426	30	14.1029	13.936	30
14.2349	30	15.4647	30	30	30	14.9282
15.6304	15.897	21.8559	30	16.0691	15.5279	30
12.7123	12.4913	24.5622	30	30	14.3282	15.4492
30	30	21.406	30	30	15.7507	30
30	30	20.3357	30	13.2135	12.5227	14.7597
30	30	24.106	30	14.2266	12.4909	15.6341
14.0126	30	21.4308	30	18.4936	16.2896	30
9.58653	10.0697	11.5913	12.1086	12.3289	11.3947	4.85951
30	30	21.6953	30	13.5328	15.0188	30
30	30	18.6392	30	15.4	13.2866	30
13.4971	15.9807	17.6804	30	13.7439	13.6363	30
15.296	15.7781	17.2193	30	15.2448	30	30
30	30	30	30	30	14.4427	30
11.5137	12.3982	17.1928	30	15.874	13.9699	30
15.0895	13.1393	20.2312	30	14.8639	12.9494	30
14.031	30	20.3166	30	14.6052	14.6548	12.1276
14.1469	14.7186	19.5961	30	15.2024	30	30
15.1153	14.9241	18.6272	30	17.7194	14.4557	30
30	30	18.3218	30	16.4667	14.5034	30
15.043	30	21.8295	30	16.9413	14.3921	30
13.6647	30	19.2712	30	15.3313	15.3662	30
15.0975	13.9193	21.6116	30	15.7031	14.1908	30
15.1306	14.3139	30	30	20.3702	14.3854	30
30	30	30	30	17.086	15.5959	30
11.9906	13.5136	22.289	30	21.7937	14.6355	15.6757
13.1035	14.1181	21.8128	30	13.3385	14.579	30
13.3487	13.6063	19.6629	30	13.7581	12.6629	30
9.23886	9.83063	11.5082	11.9656	13.8597	11.9103	5.36588
13.1702	12.8408	20.0171	30	16.0851	14.7074	21.8333

30	14.0199	19.2579	30	15.504	14.0207	24.615
14.1541	12.9688	18.2591	30	14.6383	14.2217	24.3528
13.6393	13.7554	18.8575	30	17.1997	14.3491	30
12.463	13.561	20.543	30	16.5281	14.5009	30
13.5347	13.7966	19.6742	30	15.2494	13.0612	30
30	30	22.6401	30	14.4873	12.7723	30
13.578	16.0994	24.1731	30	15.7628	15.7552	30
30	14.8538	18.7395	30	16.9503	13.9254	30
30	30	19.6946	30	30	13.5947	30
30	30	16.1905	30	17.1382	14.7678	30
12.8849	14.3006	22.1155	30	14.5123	15.5527	30
12.1054	13.1184	14.4088	14.3914	16.9231	14.9131	30
30	14.2282	30	30	17.5755	30	11.173
30	30	18.9278	30	30	15.4295	30
30	30	17.6019	30	30	30	30
30	30	17.6734	30	15.5132	14.3478	30
30	30	22.1189	30	14.5839	13.7809	30
30	30	20.8133	30	15.9753	14.9738	30
30	30	19.2393	30	14.7154	16.3819	30
30	13.8809	21.9697	30	16.2979	30	30
14.8834	30	20.3733	30	16.0901	15.3911	15.7509
14.0636	14.4378	15.9595	30	18.0379	14.5763	30
14.0387	30	20.6629	30	15.4725	30	30
14.9372	15.9434	22.4352	30	15.4004	15.1838	11.0094
30	30	20.5294	30	16.7134	13.4369	15.4512
30	30	19.3503	30	15.55	16.8352	30
15.0256	16.0109	20.5587	30	15.3634	14.3472	18.7008
10.5775	11.0189	12.9302	15.7404	14.1839	12.9538	5.79335
30	15.5859	20.0088	30	15.4894	12.7606	24.8677
12.5838	13.1917	22.2166	30	30	30	30
30	30	20.7418	30	14.1772	13.1444	30
14.3815	14.5723	21.978	30	30	30	14.6613
13.5215	12.832	19.4494	30	17.2609	13.6516	30
13.9365	13.9983	19.8334	30	30	30	30
16.4616	14.8176	19.7089	30	17.2201	14.2103	30
30	16.9326	23.449	30	13.1478	13.4058	30
14.1583	16.0484	21.3704	30	30	30	14.5849
13.3667	13.584	22.9902	30	13.2201	11.7757	13.4383
14.7702	15.2142	21.2116	30	30	15.3619	15.5892
12.0077	13.6253	20.441	30	30	30	30
30	30	18.5703	30	14.1529	13.3514	30

12.551	13.2279	16.632	30	15.0657	13.2152	30
13.5475	30	23.4463	30	30	15.5685	14.314
15.4967	30	23.2851	30	30	15.2686	30
9.13264	9.96816	12.6935	15.8795	15.8217	13.1323	5.01437
14.0594	13.6166	20.6269	30	15.2425	12.988	14.0335
30	30	19.8015	30	15.7041	15.499	30
14.5514	13.8286	22.1024	30	16.2882	15.0066	30
30	30	18.589	30	14.4476	15.4743	30
30	30	19.6827	30	30	30	30
13.9394	14.4503	22.7866	30	17.5275	14.1226	30
30	16.032	30	30	13.9174	15.9232	30
14.8975	13.7251	20.6624	30	17.1614	13.8489	30
15.2185	14.0782	22.2325	30	21.3277	15.3608	30
30	30	19.9973	30	15.595	30	30

Pcna_A34	Pcna_A46	Ppargc1b_A5	Ppargc1b_A7	Rhoa_A82	Rhoa_A94	Saa2_A11
15.3153	14.1263	30	30	14.0954	14.0201	21.5728
12.1759	10.6132	15.4199	12.7281	9.47817	10.1714	22.0075
14.263	13.3807	30	30	12.0809	14.6077	30
13.7169	12.3228	30	30	8.85408	10.8404	30
15.4291	15.0592	14.3279	14.819	8.87465	10.3328	22.3744
14.709	15.2891	30	30	12.4126	12.5556	30
14.8509	14.0081	30	17.0558	9.79771	10.7294	30
12.9291	11.835	30	30	9.18287	11.0257	30
12.9686	13.2589	14.9908	30	10.2428	11.2054	17.9211
16.7979	12.9633	30	13.0998	9.83998	10.9189	30
13.8057	12.6132	30	14.0586	9.88914	11.0031	30
12.929	12.6699	30	30	9.46485	11.0634	17.8952
13.4784	13.1348	30	30	9.67879	10.3702	30
12.3835	12.4378	30	30	9.39129	10.6778	30
13.4547	12.7455	30	30	9.59474	10.9464	30
13.2292	12.0554	30	30	9.03243	11.1951	22.9433
14.0311	11.5943	30	14.8627	8.99074	10.8673	30
14.8344	12.8291	30	30	10.3376	10.8628	30
9.22518	8.01805	12.8958	12.2028	8.2238	9.68796	17.0277
12.7539	12.4373	30	30	9.24498	10.7533	30
14.8614	13.2144	30	30	8.86891	10.7028	19.2576
13.3387	12.0469	30	30	10.2533	10.5954	30
13.5876	12.4472	30	30	9.33446	11.1942	30
13.604	14.2838	15.2403	14.9478	9.63129	10.8866	22.0346
12.0079	11.7083	30	30	9.13892	10.495	24.7847
14.5728	12.3647	30	15.1451	9.12844	10.7484	30
11.9245	12.2813	30	14.0804	9.00037	10.5996	22.2176
14.1677	11.9621	30	30	9.29031	10.8443	30
12.9237	12.6366	14.1952	14.8422	10.1205	11.1205	30
13.4704	12.7002	30	30	9.29424	10.7738	30
14.1577	14.1052	30	30	10.0214	10.7678	22.0297
12.4333	13.5804	30	30	8.97072	11.0166	21.8594
12.724	11.8866	30	30	9.06988	10.3107	30
13.247	11.9451	30	30	9.17668	10.6565	24.0419
14.8125	15.304	30	22.9801	10.3259	11.0863	30
12.7623	12.0446	30	30	8.97324	10.3383	30
15.3579	12.2858	30	30	9.56922	10.7592	20.316
12.9721	12.5277	30	14.5589	9.06611	11.0739	30
12.8564	10.7616	13.8036	10.7334	8.2608	9.61278	20.6434
13.2082	12.2709	30	30	9.1195	11.1975	16.5978

14.1201	11.2165	30	12.5627	9.57457	11.2319	16.7001
14.8208	12.2464	30	23.8344	8.87908	10.5811	19.554
12.5577	11.8679	30	30	10.1494	10.5684	19.5157
15.6539	12.1401	30	30	9.67187	10.6915	30
14.4643	11.8939	30	30	9.20625	10.3574	30
12.3049	11.6915	15.0208	13.9494	8.30227	9.27019	30
13.216	12.0588	15.896	12.6251	9.41847	11.1048	30
12.637	11.8762	15.1154	30	9.22264	10.507	22.3442
13.2495	13.4816	15.0124	12.6779	9.23892	11.5238	30
13.3257	11.5123	30	17.12	9.596	11.4748	22.0956
13.429	13.0889	30	13.9546	10.3373	11.2906	30
18.4249	13.8269	30	15.3477	10.8885	13.3202	21.1807
12.711	14.1315	30	30	10.3564	11.4068	30
13.4718	15.8248	30	15.08	9.80758	10.7601	18.2981
17.4298	15.3167	30	24.3912	21.305	16.9115	18.3246
13.5539	13.7116	30	30	11.9567	12.1888	21.8952
13.0855	12.9291	30	14.5143	10.5955	11.9632	18.652
12.9587	12.1632	30	30	9.98029	11.6034	25.0328
12.2159	11.7216	30	30	9.87875	11.2584	30
13.1107	13.9728	15.238	13.5147	10.3217	11.3581	30
13.2722	13.6537	15.0675	14.0324	10.4833	11.5229	30
12.4866	11.7219	30	13.1732	10.3324	10.9066	20.7493
12.7056	12.9132	30	15.2187	10.0609	11.4056	25.8558
15.017	13.2366	30	30	10.2243	10.9028	21.5594
13.8487	12.53	30	15.2575	9.69978	10.7922	30
13.5639	12.7511	30	30	9.75994	10.9197	30
14.037	12.4232	30	23.2644	10.1086	11.9026	16.7412
12.4327	12.0508	30	14.2156	9.31617	9.81896	30
18.1066	12.4353	30	13.1982	10.0614	11.2248	30
13.4333	13.5486	30	30	11.1384	10.9623	16.6234
13.774	11.6239	30	30	10.1657	11.2528	30
14.4181	12.3976	30	30	10.0196	11.6209	30
12.791	12.195	30	30	9.72486	11.2701	30
14.9951	14.1692	15.3358	30	10.5998	11.6189	30
13.4563	11.5579	30	30	9.88183	10.7664	30
13.3753	12.2468	30	30	9.66669	11.2086	20.5158
14.5156	12.7393	30	14.2866	10.2826	11.493	30
14.2295	12.987	30	30	9.45974	10.8934	19.2981
13.1848	13.1468	30	13.925	9.65585	10.9358	30
13.6208	12.4486	30	30	9.95302	10.7053	30
13.3569	11.9724	13.6925	15.1181	9.66801	11.2386	30

13.2115	12.1626	30	30	9.62853	10.7298	30
13.9466	12.6276	15.3821	13.9268	10.79	11.1116	18.4162
14.4382	15.1875	30	13.4501	10.7386	12.136	30
10.2765	10.1488	16.0079	13.3946	9.77687	10.4382	30
12.4788	11.2457	30	30	9.12097	10.5665	30
13.1766	12.1728	30	30	9.76766	11.1357	21.6374
13.6935	11.7569	30	15.1419	8.85672	10.3262	30
13.5724	11.7111	30	30	9.44288	11.8461	17.0027
23.6067	14.3103	30	30	10.5494	11.701	30
30	22.3282	13.7134	14.0039	9.89598	11.1057	30
12.7761	12.5746	30	30	10.5687	10.951	18.8601
13.4837	12.9558	30	15.2578	10.7418	11.3281	30
13.1475	13.743	30	30	10.4336	12.0609	30
13.0773	11.9513	30	15.0825	10.1013	11.8359	21.0093

Saa2_A23	Sirt3_A35	Sirt3_A47	Sox9_A59	Sox9_A71	Tat_A83	Tat_A95
14.8289	30	30	30	30	30	30
15.7994	15.5362	30	9.58063	18.6453	20.7066	30
17.0768	15.6675	15.7731	30	30	30	30
18.0391	30	30	9.76139	19.6635	30	30
17.6831	16.1158	22.5365	9.18854	17.7216	30	30
30	30	30	21.5817	30	30	30
22.3633	30	30	9.64009	17.8287	30	30
16.9018	30	15.2085	9.21606	17.3047	30	30
15.1798	22.2368	30	9.32451	19.3513	30	30
24.5878	30	30	10.2368	19.5617	30	30
15.9784	17.6719	14.5883	9.80678	19.1001	30	30
15.757	16.7135	16.0418	9.60163	17.2375	30	30
20.1728	17.4073	15.3154	10.0819	19.2791	30	30
30	14.4952	15.1405	10.4709	19.7571	30	30
19.6604	15.9703	30	9.10664	17.9087	30	30
16.8885	15.9621	14.5478	8.92605	18.9259	30	30
30	30	30	9.0392	16.8695	30	30
15.232	30	30	9.82638	17.8887	30	30
14.6871	15.7342	15.3383	9.30703	18.9788	30	30
17.0808	30	30	9.53808	19.0157	30	30
21.8267	21.3717	18.7732	9.82913	18.3333	30	30
30	30	30	8.59556	16.3865	30	30
30	30	30	8.76286	17.2082	30	30
15.6741	20.6104	20.0825	9.70459	18.9594	30	30
30	15.4801	30	10.6405	21.1006	30	30
18.0249	23.675	30	9.27907	16.7976	30	30
21.1152	21.5685	30	8.6721	17.122	22.4633	30
30	19.4789	30	11.1933	21.1933	30	30
17.3104	15.2827	15.9164	11.1508	21.9077	30	30
30	30	30	10.0889	19.4628	30	30
15.5101	15.6052	15.2206	10.2043	16.9989	30	30
14.0175	30	30	10.2707	20.7468	30	30
30	30	21.8694	8.40553	17.6277	30	30
30	16.17	19.0054	9.43271	17.9554	30	30
16.9316	30	15.2777	9.85135	19.1475	30	30
17.2848	30	23.9293	8.25155	16.5557	30	30
15.5725	30	30	8.67827	17.2635	30	30
20.8785	30	30	10.0094	18.4727	30	30
15.4788	30	15.1841	10.0056	18.517	30	30
16.4106	30	30	11.1693	20.0559	30	30

14.6756	30	30	10.9824	20.4573	30	30
15.2808	30	30	8.36554	15.9978	30	30
15.9722	21.4066	30	9.79396	18.9536	30	30
21.2345	30	30	8.94413	18.5805	30	30
17.4428	30	30	10.8829	20.2715	30	30
21.4576	30	30	10.1379	19.0543	30	30
26.1888	30	30	10.0888	17.9467	30	30
18.4691	14.0824	14.953	8.54464	16.6553	30	30
15.1854	30	14.9109	9.634	18.4004	30	30
19.7281	21.6381	30	9.85783	18.7087	30	30
17.0118	30	21.3959	11.0507	19.63	30	30
20.2645	30	30	24.2851	30	27.2342	30
16.0799	15.5908	15.2039	10.2007	18.3996	30	30
13.8822	30	14.9181	9.55444	16.9496	30	30
17.9409	30	30	30	21.6352	30	30
16.4676	30	30	13.0866	23.6669	30	30
16.1812	30	30	11.4823	21.3137	30	30
30	30	15.0442	9.95071	18.5407	30	30
30	30	30	10.0881	18.3344	30	30
27.9007	30	30	10.8497	19.4391	30	30
16.1128	30	30	10.6573	18.5811	30	30
16.0144	30	30	10.4515	19.7435	30	30
30	30	30	8.07571	16.3186	30	18.2643
18.5852	30	30	9.73546	17.4718	30	30
30	14.9184	30	8.80484	16.4906	22.795	30
30	15.9637	30	10.2649	19.8128	30	30
14.8284	30	30	9.86628	18.0879	30	30
19.6674	15.8846	30	9.99691	19.0826	30	30
19.4544	30	14.9828	10.7794	19.6617	30	30
14.6835	30	30	9.89682	19.5548	30	30
30	30	27.7899	12.5341	20.835	30	30
30	30	30	10.596	18.8085	30	30
23.2746	15.0737	30	9.16458	18.6472	23.267	15.8948
30	30	30	9.53219	17.8631	30	30
21.8327	14.8158	23.8066	9.81805	17.7087	30	30
30	30	30	10.0563	19.538	22.5811	30
30	30	30	11.7822	21.3215	30	30
14.4509	23.6265	30	30	23.4073	13.9987	30
30	30	30	11.2682	19.0089	30	30
30	30	15.3409	9.24049	17.9507	30	30
21.7667	30	30	11.7897	21.9909	30	30

19.0328	30	30	10.6184	19.8921	30	30
14.1359	30	30	9.75207	18.3442	30	30
19.4573	30	30	10.688	19.4096	30	30
30	30	15.1243	9.51201	17.7302	30	30
14.6644	30	30	10.0892	18.3069	30	30
23.4148	30	30	10.9481	20.3625	30	30
30	30	30	10.7668	19.1332	30	30
16.161	24.1501	23.803	11.2002	19.9495	24.4768	30
16.0322	30	30	10.6375	19.3391	30	30
30	30	25.6152	9.19892	17.3121	30	30
14.4283	15.9653	16.2342	10.0673	18.6219	30	30
16.9758	30	24.0177	10.8777	20.5583	30	30
15.9187	30	30	9.54697	18.7599	30	30
13.8393	30	22.9896	13.6451	23.217	30	30

Tcf4_A12	Tcf7l2_A24	Tert_A36	Tert_A48	Wnt3_A60	Wnt3_A72	Wnt6_A84
30	30	30	30	30	30	30
11.6014	14.5402	30	30	11.8959	12.5222	30
30	24.9256	30	30	30	30	30
12.0734	16.515	30	30	10.6955	12.4946	30
12.3244	14.6263	30	30	10.6241	11.168	30
30	30	30	30	30	21.957	30
12.3788	15.32	30	30	10.5164	11.3235	30
13.1611	15.4526	30	30	10.3935	11.8151	30
12.3627	17.2026	30	30	11.531	14.1457	30
13.5485	17.1085	30	30	11.4494	11.6734	30
11.6151	14.897	21.9873	30	10.4233	12.0015	30
13.0096	17.2756	30	30	10.3269	11.8924	30
11.4219	15.5899	30	30	10.1626	11.3464	30
11.7	14.6259	30	30	10.9364	11.37	30
12.9886	15.4249	30	30	12.4686	12.9854	30
11.6515	14.4979	26.6654	30	10.3267	11.2659	30
12.8726	16.3954	30	30	11.5791	14.0762	30
11.6922	13.7923	30	30	10.4311	11.0365	30
12.09	15.5449	13.388	15.7822	10.1852	12.1453	30
11.7507	16.2273	20.6188	30	10.5817	11.6458	30
11.5913	13.35	30	30	11.0192	12.4644	30
13.1216	16.5745	30	30	10.6918	11.9457	30
12.5778	15.4538	30	30	10.5519	13.122	30
10.9148	13.9765	30	30	10.2038	12.1759	30
13.415	16.6959	30	30	10.1351	11.6342	30
12.3813	14.4731	30	30	11.3999	13.6711	30
13.0678	14.6289	30	30	11.6139	12.5385	30
11.4945	13.6054	30	30	11.6403	12.0699	30
13.9662	17.3824	30	30	11.5056	13.3869	30
11.9009	15.4919	30	30	10.9677	13.4739	30
13.8666	15.5506	30	30	11.9317	13.6468	30
12.6276	15.6286	30	30	10.6171	13.2736	30
11.9253	14.712	30	30	11.0064	12.3249	30
12.7987	14.3479	30	30	10.5457	12.6186	30
13.4414	15.1047	30	30	11.4419	12.4597	30
11.8671	14.0793	30	30	9.67668	12.4431	30
14.2783	15.2325	30	30	11.1165	13.2697	30
12.2733	15.7142	30	30	10.0256	12.2921	30
11.2045	14.0055	15.3275	30	10.4842	11.538	30
12.1626	14.4199	30	30	10.3118	11.6525	30

12.8334	16.0524	30	30	11.2416	11.7188	30
13.2988	15.5816	30	30	10.327	11.5107	30
12.7013	16.063	30	30	10.2491	12.0654	30
30	17.9386	30	30	12.6815	12.0176	30
11.068	15.3802	30	30	10.3897	11.6563	30
12.1155	14.5947	15.4522	30	10.4802	11.8497	30
12.3694	15.3361	30	30	10.6126	11.7556	30
12.017	15.2964	30	30	9.90873	11.5036	30
12.8438	15.8407	30	30	10.7277	12.5971	30
11.6263	14.4293	30	30	11.1637	12.5325	30
11.8422	15.0851	30	30	10.375	12.4433	30
30	30	24.3369	30	30	24.5541	30
12.2133	13.9524	30	30	10.5459	12.3991	30
14.1957	15.5962	30	30	10.3011	12.7857	30
30	30	30	30	30	30	30
12.8432	17.4739	30	30	11.4662	14.0189	30
12.495	15.2785	30	30	11.6672	13.3922	30
12.4591	14.3881	30	30	10.6052	11.3267	30
13.3004	18.3072	30	30	11.0884	12.6246	30
13.798	16.4899	30	30	11.6754	12.9694	30
11.2844	14.7151	30	30	10.6458	13.0816	30
13.9337	17.21	30	30	10.4515	12.2791	30
13.4179	17.104	30	30	10.9039	12.894	30
12.3332	15.3964	30	30	9.61812	11.8722	30
12.5975	17.1475	23.105	30	10.2351	11.8416	30
12.6139	15.3681	30	30	10.644	11.4244	30
12.4714	15.0735	30	30	11.3401	12.6596	30
13.2311	17.0289	30	30	10.6911	12.5972	30
12.2667	13.9219	30	30	11.6325	12.9837	30
13.0573	16.7957	30	30	12.2036	15.828	30
12.9515	17.3495	30	30	11.5848	12.8441	30
16.4349	30	24.5237	30	12.4091	12.8266	30
12.4106	14.498	30	30	10.7555	11.5227	30
13.511	15.508	30	30	12.5803	12.1215	30
13.9153	22.984	30	30	10.8857	13.3787	30
12.6867	17.5318	30	30	10.9129	12.9057	30
12.9979	16.4351	30	30	11.2973	12.5037	30
12.1865	16.0136	30	30	10.6815	12.1319	30
12.5348	16.7936	30	30	11.2633	12.5771	30
11.6948	16.6401	30	30	11.4293	11.9366	30
11.9038	17.5093	30	30	10.3214	11.8481	30

11.4906	15.4922	30	30	10.4122	12.138	30
13.0332	16.4778	30	30	12.1997	12.174	30
30	16.7587	22.4899	30	13.7716	14.7708	30
11.989	14.8353	15.3941	15.8064	10.434	12.7907	30
14.9326	19.062	30	30	11.6945	12.4676	30
11.5902	15.7836	30	30	11.3107	12.7805	30
12.5163	19.5192	30	30	9.95107	10.9909	30
14.137	30	25.4598	30	10.6311	13.0073	30
13.5208	17.9953	30	30	12.1345	12.7365	30
13.0703	16.4749	30	30	12.2704	12.106	30
14.496	16.2317	30	30	9.70965	11.8013	30
12.1238	17.0922	30	30	10.3953	11.9488	30
12.2873	15.6488	30	30	11.2861	14.1987	30
13.8273	16.5312	30	30	12.9727	14.861	30

Wnt6_A96
24.8808
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24.9013
24.8573
23.7385
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25.2031

sampleID	Group	Areg_A01	Areg_A13	Ascl2_A25	Ascl2_A37
S01	H2B-GFP	30	30	30	30
S02	H2B-GFP	30	30	30	30
S03	H2B-GFP	30	30	30	30
S04	H2B-GFP	30	30	30	30
S05	H2B-GFP	30	30	30	30
S06	H2B-GFP	30	30	30	30
S07	H2B-GFP	30	30	30	30
S08	H2B-GFP	30	30	30	30
S09	H2B-GFP	30	30	30	30
S10	H2B-GFP	30	30	30	30
S11	H2B-GFP	30	30	30	30
S12	H2B-GFP	30	30	30	30
S13	H2B-GFP	30	19.3698	30	30
S14	H2B-GFP	30	30	30	30
S15	H2B-GFP	30	30	30	30
S16	H2B-GFP	30	30	30	30
S17	H2B-GFP	30	30	30	30
S18	H2B-GFP	30	30	30	30
S19	H2B-GFP	30	30	30	30
S20	H2B-GFP	30	30	30	30
S21	H2B-GFP	30	30	20.873	30
S22	H2B-GFP	30	30	30	30
S23	H2B-GFP	30	30	30	30
S24	H2B-GFP	30	30	30	30
S25	H2B-GFP	30	30	30	30
S26	H2B-GFP	30	30	30	23.948
S27	H2B-GFP	30	30	30	30
S28	H2B-GFP	30	30	30	30
S29	H2B-GFP	30	30	30	30
S30	H2B-GFP	30	30	30	30
S31	H2B-GFP	30	30	30	30
S32	H2B-GFP	30	30	30	30
S33	H2B-GFP	30	30	30	30
S34	H2B-GFP	30	30	30	30
S35	H2B-GFP	30	30	30	30
S36	H2B-GFP	30	30	30	30
S37	H2B-GFP	30	30	30	30
S38	H2B-GFP	30	30	30	30
S39	H2B-GFP	30	24.1094	30	30
S40	H2B-GFP	30	30	20.0737	30

S41	H2B-GFP	30	30	30	30
S42	H2B-GFP	30	30	30	30
S43	H2B-GFP	30	30	30	30
S44	H2B-GFP	30	30	30	30
S45	H2B-GFP	30	30	30	30
S46	H2B-GFP	30	30	30	30
S47	H2B-GFP	30	30	30	30
S48	H2B-GFP	30	30	30	30
S49	H2B-GFP	30	30	30	30
S50	H2B-GFP	30	30	30	30
S51	H2B-GFP	30	17.228	30	30
S52	H2B-GFP	30	21.4177	30	30
S53	H2B-GFP	30	30	30	30
S54	H2B-GFP	30	30	30	30
S55	H2B-GFP	30	30	22.0969	30
S56	H2B-GFP	30	30	30	30
S57	H2B-GFP	30	30	30	30
S58	H2B-GFP	30	30	30	30
S59	H2B-GFP	30	30	19.4168	30
S60	H2B-GFP	30	30	30	30
S61	H2B-GFP	30	30	30	30
S62	H2B-GFP	30	30	30	30
S63	H2B-GFP	30	30	30	30
S64	H2B-GFP	30	30	18.794	30
S65	H2B-GFP	30	30	30	30
S66	H2B-GFP	30	30	30	30
S67	H2B-GFP	30	30	30	30
S68	H2B-GFP	30	16.876	30	30
S69	H2B-GFP	30	19.1546	30	30
S70	H2B-GFP	30	30	30	30
S71	H2B-GFP	30	30	30	30
S72	H2B-GFP	30	30	30	30
S73	H2B-GFP	27.8221	17.6176	30	30
S74	H2B-GFP	30	30	30	30
S75	H2B-GFP	30	30	30	30
S76	H2B-GFP	30	30	30	30
S77	H2B-GFP	30	30	30	30
S78	H2B-GFP	30	30	30	30
S79	H2B-GFP	30	30	19.5105	30
S80	H2B-GFP	30	30	17.247	30
S81	H2B-GFP	30	30	30	30

S82	H2B-GFP	30	30	30	30
S83	H2B-GFP	30	30	30	30
S84	H2B-GFP	30	30	30	30
S85	H2B-GFP	30	30	30	30
S86	H2B-GFP	30	30	30	30
S87	H2B-GFP	30	30	30	30
S88	H2B-GFP	30	30	30	30
S89	H2B-GFP	30	30	30	30
S90	H2B-GFP	30	30	30	30
S91	H2B-GFP	30	30	30	30

Atoh1_A49	Atoh1_A61	Axin2_A73	Axin2_A85	Bmi1_A02	Bmi1_A14	Bmpr1a_A26
12.7469	13.9864	30	17.6695	14.1059	14.594	30
16.7926	13.9834	16.2927	20.2498	30	21.6054	18.7826
14.6982	18.0303	30	30	13.9869	15.8119	17.1174
15.2166	15.3798	17.4549	21.959	15.633	15.8666	15.0991
12.1369	13.7928	30	30	16.0444	19.0297	15.5339
13.0297	14.3119	30	30	30	30	15.0911
11.4358	13.9884	30	30	14.2546	13.2872	13.3482
12.4666	14.9134	18.9854	18.2105	15.8045	15.0465	15.5009
14.6571	14.3994	30	30	30	18.6623	15.2139
13.2863	15.4512	30	30	15.2259	15.3506	16.423
16.9326	15.3985	15.5616	16.4981	15.0588	15.8692	15.5273
14.7761	14.8888	30	30	14.7654	18.3678	15.0152
13.5444	14.4194	30	30	14.1391	19.3274	17.6702
13.6463	15.3535	30	30	18.0334	15.9025	14.5607
16.8253	16.0709	30	30	20.9517	17.3533	15.5448
13.557	13.3394	15.7461	30	14.3973	15.0085	14.9288
13.4499	13.9498	14.7108	17.5122	14.9742	13.7241	14.6132
13.3786	17.0157	30	30	16.2641	19.7418	16.8763
12.606	19.3202	15.9837	15.7891	14.4046	15.4984	13.067
14.3081	15.58	30	30	16.8749	16.8831	30
13.4212	14.9584	15.9466	21.0727	30	18.005	16.108
11.9248	13.122	16.7067	17.62	15.1083	16.1196	15.2799
14.7084	14.3029	15.158	17.3034	16.7843	15.4748	13.349
14.2658	15.0574	30	30	15.985	16.367	30
30	30	30	30	30	30	30
14.3648	14.7697	30	30	16.3267	18.4504	16.7653
14.2074	14.8463	30	18.756	30	15.921	30
30	30	30	30	30	30	30
30	17.9488	16.3783	30	17.434	16.2362	30
14.1382	16.4784	30	30	16.3735	15.629	13.8158
15.3784	15.2822	16.6964	17.451	30	15.9924	14.7442
11.104	12.2992	30	30	14.9502	15.1089	14.3234
12.4158	14.0679	16.2736	19.4718	15.4662	15.2416	15.9737
12.9028	13.3442	30	16.5596	15.3191	17.4512	13.9632
15.2528	17.0068	30	17.9996	14.6738	15.2497	15.7834
12.9123	14.6006	23.0252	30	15.7687	16.0301	17.2244
13.1724	14.4287	16.1628	18.6626	15.3715	16.3351	30
14.6219	16.8085	16.4877	17.1527	18.1983	14.6795	15.6728
13.1195	13.2374	16.189	30	16.002	14.847	14.9355
14.9816	15.4314	15.9966	21.2426	15.0648	20.0519	30

13.7875	14.19	30	30	16.6657	14.0675	14.1602
13.9094	16.8781	19.86	30	17.5786	13.6152	15.657
13.8448	14.1576	15.8623	30	14.8263	15.5763	14.9271
13.6055	15.9702	30	30	13.8768	14.9832	30
12.3742	14.3321	16.9641	19.5442	14.2324	14.1999	13.0972
12.4512	14.4107	18.7697	18.6705	14.5163	15.602	14.3159
14.5934	15.3628	16.0415	18.9146	14.0766	12.9424	13.1498
12.3431	13.0048	30	30	15.3236	16.1682	14.7146
16.3049	15.6654	30	30	14.9184	13.4288	16.5578
17.2465	18.636	30	30	14.154	15.1932	15.0929
15.1577	15.8703	16.6025	22.7003	13.8814	14.0854	15.5914
12.8394	13.8014	30	30	15.143	16.6001	15.6797
12.3147	14.4883	30	30	15.4573	16.0626	30
13.6289	15.2532	30	30	15.1839	17.2749	16.1549
14.7157	16.4667	30	30	23.1491	14.8783	14.3771
11.4959	12.8604	17.6741	19.5177	14.41	19.2935	16.3688
13.5151	14.208	16.9087	18.7398	13.3423	12.4962	30
14.5098	15.1652	15.2446	18.5166	16.0049	15.2386	30
14.6908	15.6837	30	16.7447	15.5271	15.2985	16.1195
13.8293	18.5231	17.6743	30	17.3421	15.7726	15.2599
13.028	15.2453	16.9494	30	15.4748	15.271	15.9928
12.8409	14.3965	30	16.1881	16.6975	15.5953	15.0134
14.0961	15.5259	14.0764	17.2552	16.0853	14.0604	30
11.911	13.9895	30	30	15.5419	18.2713	14.5416
14.909	17.2976	30	22.6447	14.8255	14.2802	30
14.1033	15.2462	30	30	15.6735	15.3541	30
14.7358	13.4192	30	30	15.992	16.3682	22.6815
15.5202	15.224	30	30	14.4887	16.6553	17.0265
14.4805	14.6986	18.3997	21.7792	16.2015	15.1362	14.5491
12.5846	14.8306	17.44	30	20.75	17.5644	16.8822
14.5042	15.8116	15.2035	30	18.6819	15.2893	18.019
14.5161	13.9744	15.9998	18.4384	16.081	17.742	15.2566
14.1783	16.0348	17.3394	17.1527	18.6306	30	13.8989
13.3472	14.5954	16.0763	30	18.7326	22.9899	16.4348
13.5635	13.6752	17.0753	17.4764	14.3158	14.1448	14.3923
24.2458	30	30	30	30	30	30
12.434	12.3544	17.5259	30	14.9153	12.6914	30
13.2757	14.8994	17.5261	18.433	15.9912	15.2793	14.1446
16.1793	16.2758	19.7684	30	15.3603	16.0087	16.3424
12.7482	15.4284	12.2594	14.8202	14.7639	15.4168	13.0369
13.4086	15.125	19.0853	30	15.3508	15.4625	14.3299

13.6631	15.5125	18.6596	30	15.5844	14.6386	17.6352
16.3385	16.7741	30	30	14.5464	16.846	30
30	30	30	30	14.5828	18.216	15.9667
12.9702	14.6987	30	30	14.673	18.1731	14.6382
14.0903	15.1225	30	30	15.1844	14.646	17.2435
16.1246	19.1576	30	30	16.5288	15.3318	13.7384
12.6465	15.6803	30	18.6632	30	15.9524	30
11.5123	12.1519	23.6231	30	15.193	12.736	15.1026
15.4448	15.5062	30	21.5774	16.767	15.3479	16.4343
14.1525	15.2526	17.2282	20.4217	16.0265	15.5227	15.3887

Bmpr1a_A38	Ccnd1_A50	Ccnd1_A62	Cdkn1a_A74	Cdkn1a_A86	Cdx1_A03	Cdx1_A15
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14.9894	30	30	30	30	23.9299	24.1311
16.0954	30	30	14.6684	17.8874	30	21.323
14.3889	30	30	16.6497	30	30	21.0401
15.875	30	30	16.583	16.701	30	25.2728
14.4189	30	30	17.2423	16.5208	30	30
15.3152	30	30	11.5152	14.1016	30	30
14.9698	30	30	14.1821	16.1043	30	30
22.9796	30	30	23.5531	17.0567	30	25.1939
30	30	30	14.8432	18.5978	30	23.3779
30	30	30	16.548	18.9648	23.738	23.9269
15.585	30	30	13.7653	15.6024	30	30
17.1169	30	15.1054	12.4814	14.0836	23.6322	22.5996
15.6855	30	30	13.831	16.204	30	24.6389
16.1838	30	30	16.4962	19.2513	30	22.3442
30	30	30	16.5151	17.3627	30	21.8924
15.0177	30	30	13.4053	15.6087	20.7524	21.4655
30	30	30	16.2386	17.5472	30	22.5681
13.2763	30	30	13.7026	17.02	30	21.5026
30	30	30	16.7579	17.6672	30	30
16.7483	30	21.1063	15.1235	17.8225	30	30
16.9879	30	30	13.7441	17.4632	30	22.9198
14.9853	30	15.6254	14.7473	30	30	21.1982
14.8959	30	30	16.8197	17.0725	30	21.8568
30	30	30	30	30	30	30
30	30	19.2893	15.273	16.5545	30	21.4372
14.381	30	30	19.1241	20.56	30	30
30	30	30	30	30	30	30
16.4074	30	30	15.7827	16.3284	30	22.7897
13.8513	30	30	30	30	30	20.3141
18.5794	30	30	17.037	17.0378	23.3191	21.1657
15.8505	30	30	14.7709	17.1137	22.8557	21.2499
15.2726	30	30	15.253	15.7188	30	20.3938
16.3697	30	18.8473	12.118	14.3534	30	18.6621
15.3853	30	30	13.4785	16.2417	19.2019	19.9464
30	30	30	15.1785	17.1237	30	23.0674
16.6044	30	30	12.9254	15.3886	30	23.5495
30	30	30	15.1925	16.3521	19.7791	30
14.0503	30	30	14.4433	17.1375	22.3709	24.8697
16.2877	30	30	22.7217	30	23.638	18.5158

13.6659	30	30	11.5222	13.7256	22.3445	18.4972
30	30	30	13.6287	15.8951	30	20.6303
14.3673	30	30	30	30	30	20.5064
14.9174	30	30	13.6853	16.9053	30	30
25.7968	30	30	14.0509	16.5198	22.826	30
13.615	30	30	13.2994	16.6726	22.2057	26.3642
14.2576	30	30	13.2721	14.8102	21.6996	30
14.3353	30	22.2981	11.9059	14.3126	24.3768	20.885
15.9052	30	30	16.0463	15.9651	23.966	25.7211
30	30	30	30	17.6355	30	30
14.5077	30	30	13.9925	18.1901	24.4234	30
16.3874	30	30	13.4422	16.4266	30	25.2461
15.5795	30	30	13.8512	16.4935	30	22.4498
30	17.3724	15.8549	14.0342	16.117	30	23.0989
16.9524	30	30	13.4699	17.7169	30	23.9961
16.2153	30	21.2718	15.793	17.0476	30	23.6311
30	30	30	15.2419	16.0296	22.7689	30
14.9593	30	30	17.5295	19.2049	30	23.366
16.3803	30	30	12.6476	14.614	30	20.9178
14.8293	30	30	15.715	17.307	30	26.4804
15.497	30	30	15.6144	17.0745	30	30
16.7742	30	30	14.0131	16.153	30	24.6427
16.414	30	30	12.9404	15.5119	30	30
16.5769	30	30	14.4439	15.1675	21.4053	22.2378
15.6928	30	30	23.3965	30	30	30
21.5131	30	30	15.323	17.6829	30	20.6944
30	30	30	14.9947	16.9637	30	26.7741
18.6095	30	30	13.8016	15.5459	19.6618	21.3627
16.9299	30	30	14.3357	16.6207	30	22.4656
15.4348	30	30	14.0609	16.8808	30	30
17.1111	30	30	14.062	19.3543	30	26.572
18.8103	30	30	12.8786	14.5519	30	20.4194
14.9938	30	30	14.9452	16.5873	30	20.6242
15.6979	30	30	14.4722	15.9806	30	19.8446
15.0486	30	23.3637	14.999	16.7158	30	22.4831
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14.4731	30	30	13.5553	15.8897	30	25.2928
14.7395	19.9235	16.4778	15.7818	30	30	20.491
15.4791	30	30	13.4593	15.4397	30	26.5451
12.9037	30	30	11.9391	13.4448	21.3233	18.7493
14.4595	30	30	13.6754	15.4119	30	22.8584

30	30	30	14.9742	16.9174	30	21.5871
23.2806	30	17.5863	19.0601	17.6197	20.4194	30
16.0432	30	19.8301	17.0803	19.2352	30	30
16.1929	30	30	16.6822	17.7978	30	25.6733
17.2759	30	30	24.5033	17.7886	30	30
16.7687	23.1291	16.8166	16.128	17.1141	24.4368	21.9525
15.6482	30	30	13.7306	14.846	30	25.5062
12.9118	30	30	10.8781	13.9083	30	30
15.1879	30	30	14.7344	19.313	30	28.4564
22.2519	30	30	19.8996	18.6931	18.3318	30

Chga_A27	Chga_A39	Cre_A22	Cubn_A51	Cubn_A63	Dll4_A75	Dll4_A87
30	30	30	30	30	16.2066	30
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30	30	30	30	30	30	30
30	30	30	30	30	15.4797	30
30	30	30	30	30	16.9997	30
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30	30	30	30	30	15.1462	30
30	30	30	30	30	30	30
30	30	30	30	30	30	30
30	30	30	30	30	30	30
30	30	30	30	30	19.5125	30
30	30	30	30	30	15.0328	19.7456
30	30	30	30	30	17.2778	30
30	30	30	30	30	18.2124	16.9704
30	30	30	30	30	30	30
30	30	30	30	30	16.0135	30
30	30	30	30	30	30	30
30	30	30	30	30	16.7057	18.8601
30	30	30	30	30	15.7729	17.545
30	30	30	30	30	30	30
30	30	30	30	30	30	30
30	30	30	30	30	15.4075	30
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30	30	30	30	30	30	30
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30	30	30	30	30	16.6261	30
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30	30	30	30	30	30	30
30	30	30	30	30	17.1844	17.6339
30	30	30	30	30	14.7352	16.2801
30	30	30	30	30	30	21.4881
30	30	30	30	30	19.9222	30
30	30	30	30	30	30	30
30	30	30	30	30	16.9762	20.2409
30	30	30	30	30	15.9679	21.1309
30	30	30	30	30	14.7405	16.5414
30	30	30	30	30	30	30
30	30	30	30	24.5293	16.5462	30

30	30	30	30	30	17.7724	30
30	30	30	30	30	14.8695	17.6364
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30	30	30	30	30	30	30
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30	30	30	30	24.5102	15.92	18.764
30	30	30	30	30	30	16.5194
30	30	30	30	30	30	30
30	30	30	30	30	14.5883	16.5831
30	30	30	30	30	30	18.2275
30	30	30	30	30	17.6996	30
30	30	30	30	30	22.4342	18.2774
30	30	30	30	30	30	17.2628
30	30	30	30	30	16.3006	19.6509
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30	30	30	30	30	30	16.862
30	30	30	30	30	15.7922	30
30	30	30	30	30	15.5401	20.6119
30	30	30	30	30	17.7534	19.8954
30	30	30	30	30	18.4178	30
30	30	30	30	30	15.7096	17.5338
30	30	30	30	30	16.4466	30
30	30	30	30	30	16.3735	21.6128
30	30	30	30	30	15.2303	30
30	30	30	30	30	15.8234	18.4187
30	30	30	30	30	15.0023	23.2513
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30	30	30	30	30	30	30
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30	30	30	30	30	18.3743	30

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30	30	30	30	30	23.6245	30
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30	30	30	30	30	30	30
30	30	30	30	30	14.4871	30
30	30	26.5	30	30	16.6665	30
30	30	30	30	25.2583	16.2708	30

Dvl2_A04	Dvl2_A16	Efnb1_A28	Efnb1_A40	Epas1_A52	Epas1_A64	Ephb2_A76
30	30	30	30	30	30	23.1616
30	30	30	30	30	30	17.9645
30	30	30	30	30	30	17.9987
30	30	23.4426	30	17.2172	30	18.1629
30	30	30	30	30	30	30
30	30	30	23.092	30	30	30
30	30	19.5938	17.4104	17.0844	16.4038	30
30	30	19.379	30	16.5932	30	21.8165
30	16.0092	30	30	30	30	17.2801
30	30	30	22.7398	16.9307	30	17.7281
30	16.2533	30	30	16.3307	30	21.1004
30	30	30	19.6405	30	30	18.0999
30	30	16.5718	30	20.0512	30	15.7951
30	17.47	18.5819	30	17.6592	30	20.1314
21.2987	30	30	30	30	30	17.3562
30	30	30	30	15.0368	30	15.2174
15.9566	30	30	30	30	24.1637	26.0017
30	24.8212	17.0683	30	23.3006	30	19.0421
30	30	30	19.4696	30	30	23.1357
30	30	30	30	30	30	16.6594
30	30	30	30	30	30	16.3891
18.2273	30	20.3778	30	20.8124	30	16.2604
30	15.3365	30	30	30	23.3736	15.8191
30	30	30	30	30	30	16.8187
30	30	30	30	30	30	22.4908
30	30	30	19.5947	30	24.014	17.4234
30	30	30	30	30	30	15.9649
30	30	30	30	30	30	23.8062
16.2276	15.0696	30	30	30	30	16.5284
30	30	30	30	16.3511	17.6231	17.7124
30	30	30	30	30	30	15.7245
30	30	17.7679	18.7013	21.2916	30	20.0702
30	30	30	30	30	30	15.8785
30	22.8656	20.1774	18.3587	18.0844	16.9169	15.0041
30	30	30	30	30	16.7728	15.2357
30	30	30	17.9088	30	21.712	20.2394
30	30	30	21.2371	18.9286	30	16.684
17.4458	30	30	30	30	30	14.4398
30	30	23.483	18.7355	19.952	30	16.1684
30	30	30	17.8074	23.2317	30	20.8539

16.7062	30	16.1024	21.1073	30	30	18.6525
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19.1288	30	30	20.5946	30	30	20.1933
15.9292	23.5484	30	30	30	30	18.3212
30	30	18.4644	20.3707	16.5525	30	18.6083
30	30	30	30	30	30	19.4247
16.7632	16.3185	16.7007	16.1712	30	30	18.7845
30	30	18.7498	22.9072	30	30	14.3933
30	30	30	30	30	30	14.8313
30	30	30	30	18.7759	30	18.1969
30	30	22.5055	30	19.6234	15.5955	18.4828
30	22.066	23.2798	22.1552	22.321	30	20.9725
21.983	30	30	15.1277	17.429	30	22.1675
30	24.3184	30	21.5127	30	30	16.4379
30	30	19.1201	18.9064	30	20.4286	16.3763
30	30	20.8252	30	16.4806	30	21.0228
30	30	30	30	18.7363	16.5219	15.1725
30	30	30	30	30	18.0197	16.4423
30	30	30	22.1386	30	30	15.6667
21.1452	30	30	30	30	30	18.6229
30	30	30	30	30	30	21.9834
30	30	30	30	30	30	21.6843
30	30	18.9107	21.5884	30	30	16.4145
16.8073	30	18.068	30	30	30	21.9757
30	30	30	18.777	30	30	17.2161
30	30	30	18.0982	30	30	15.9615
30	30	30	30	30	30	14.2447
30	20.0075	30	30	17.1146	30	17.1907
30	30	23.5003	30	30	17.8766	14.9904
17.7019	30	30	19.8228	30	22.8389	16.4305
18.1459	30	30	30	30	18.56	21.5806
30	30	30	30	17.2158	30	22.9543
30	30	30	30	30	30	17.6977
30	22.6505	23.6222	30	30	30	15.6076
30	30	22.5202	30	18.1544	30	16.6211
17.644	30	30	30	17.0835	23.1083	17.3081
30	30	16.4136	18.8474	30	23.4805	14.3095
30	20.6689	30	20.0948	30	30	16.6884

30	30	30	18.8302	30	30	22.5976
30	30	30	20.3576	19.418	30	19.2477
30	30	30	22.9535	16.3047	30	21.1147
30	30	30	30	19.5485	30	16.7015
30	30	30	30	17.9711	15.7485	24.0647
30	30	30	18.3185	18.7562	18.2569	16.5048
30	30	30	30	30	30	17.8943
30	16.2459	16.9194	20.2436	17.9856	24.4674	15.4927
30	30	16.653	17.3893	30	30	20.8694
30	30	19.2154	30	30	30	23.162

Ephb2_A88	Ereg_A05	Ereg_A17	Fut2_A29	Fut2_A41	Gapdh_A53	Gapdh_A65
20.6571	30	30	30	30	12.4456	12.4021
30	30	30	30	17.0941	12.4683	12.3899
30	30	30	30	16.9935	11.5049	11.5421
22.2631	30	30	30	30	12.1983	12.2778
18.578	30	30	30	15.8267	13.4635	13.5026
19.798	30	30	30	30	11.9501	11.9667
16.8823	30	30	17.215	15.0503	11.7502	11.7273
18.7741	30	30	30	30	11.6198	11.5854
30	30	30	30	30	12.253	12.3361
16.7912	30	30	30	15.6488	12.3596	12.4017
16.9743	30	30	30	17.7015	12.237	12.3388
30	30	30	30	16.0102	11.1115	11.1507
30	30	30	30	30	11.8124	11.8564
30	30	30	30	17.4312	12.1081	12.1469
30	30	30	30	30	12.5629	12.6562
30	30	30	17.6337	18.1296	11.3719	11.3635
30	30	30	30	18.019	11.2739	11.3874
21.5315	30	30	30	30	13.0572	13.1049
16.11	30	30	30	16.1709	10.9957	10.9569
17.8358	30	30	30	30	12.8247	12.7675
30	30	30	22.5928	30	12.2358	12.3315
30	30	30	30	17.1642	11.9163	11.8222
17.7718	30	30	30	30	12.7305	12.7354
30	30	30	30	30	12.4821	12.4469
30	30	30	30	30	30	30
30	30	30	19.295	18.7585	12.6771	12.5809
18.7023	30	30	30	18.1017	11.9251	11.9335
30	30	30	30	30	30	30
30	30	30	30	17.2254	11.7495	11.6841
30	30	30	30	17.847	11.6205	11.4964
30	30	30	30	30	11.9455	11.8556
30	30	30	30	18.3221	11.4106	11.4701
30	30	30	30	30	12.1414	12.1567
16.3331	30	30	17.8918	17.2843	10.7797	10.7985
17.632	30	30	30	30	13.7743	13.8488
30	30	30	30	30	12.1147	12.0735
30	30	30	30	16.6695	11.3336	11.3342
17.511	30	30	30	30	12.3282	12.1846
30	30	30	30	30	11.2145	11.2393
22.2376	30	30	30	19.6659	11.2749	11.263

30	30	30	30	17.8379	10.5855	10.5113
30	30	30	30	15.1943	10.7997	10.7412
30	30	30	30	30	12.0351	12.0181
17.6851	30	30	30	16.1323	11.2183	11.2777
19.0246	30	30	30	30	10.6659	10.6504
30	30	30	30	17.1893	11.1098	11.2495
19.5314	30	30	30	19.7862	10.9115	10.9224
17.8777	30	30	19.2476	14.9957	11.7776	11.8784
30	30	30	30	18.466	11.5002	11.592
18.8824	30	30	30	15.5449	9.15201	9.40416
16.0022	30	30	30	21.1524	11.5076	11.572
21.2457	30	30	30	18.0783	11.3593	11.3747
17.1082	30	30	30	30	12.5325	12.5986
17.5496	30	30	30	16.5643	12.001	12.0092
30	30	30	30	17.7062	11.5312	11.6687
17.9759	30	30	18.0765	15.2534	11.4039	11.372
25.2181	30	30	30	22.1733	11.6704	11.7622
17.2371	30	30	30	22.6757	12.0943	12.0946
17.7192	24.2203	30	30	18.2607	11.5241	11.5646
30	30	30	30	30	13.2201	13.1601
19.5632	30	30	30	17.8152	12.0644	12.1207
18.6039	30	30	30	15.7783	11.2981	11.3683
30	30	30	30	19.3091	11.8555	11.6668
16.3203	30	30	30	17.8382	11.9294	11.8423
20.1177	30	30	30	30	12.1693	12.3211
18.4887	30	30	30	30	12.0898	12.0844
30	30	30	30	17.6053	11.2881	11.3116
30	30	30	30	19.7322	11.9283	11.9558
18.5672	30	30	30	17.5611	11.9428	11.9514
20.5617	30	30	30	30	12.574	12.4639
23.5298	30	30	30	30	12.1498	12.0629
18.2661	30	30	30	18.7911	11.4533	11.4636
30	30	30	30	16.223	12.064	11.9867
30	30	30	30	17.0461	12.168	12.2016
17.2196	30	30	30	16.398	11.6688	11.7523
30	30	30	30	30	30	30
23.2248	30	30	30	30	11.6478	11.5425
30	30	30	30	23.5036	12.2239	12.2084
30	30	30	30	30	12.4663	12.5332
14.0434	30	30	30	15.9071	9.98521	10.0651
16.7966	30	30	30	30	11.3067	11.3519

16.7511	30	30	30	30	11.837	11.9185
30	30	30	30	30	11.8887	11.9959
30	30	30	30	16.1709	11.7363	11.6173
30	30	30	30	15.7296	11.3564	11.3976
30	30	30	30	16.6307	10.4466	10.4474
18.7551	30	30	30	15.5267	10.1256	10.0801
30	30	30	30	16.8731	11.3851	11.4982
30	30	30	30	14.1354	11.0784	11.0796
30	30	30	30	21.2299	12.2334	12.1309
18.3092	30	30	30	30	13.2212	13.2537

Gsk3b_A77	Gsk3b_A89	Gusb_A06	Gusb_A18	H6pd_A30	H6pd_A42	Hes1_A54
16.9418	15.3552	30	15.8557	30	24.0661	30
30	16.6753	19.3339	30	30	20.8321	17.3632
30	15.3	15.7411	22.4192	30	30	17.8388
17.6054	16.0215	16.1847	30	30	30	30
30	14.3766	15.9752	18.913	17.7869	18.4714	30
18.2446	17.3136	17.1214	30	30	30	21.1786
14.4613	14.3142	16.5803	30	30	21.2364	18.1953
30	30	17.5725	16.8368	30	30	30
30	30	30	23.3723	18.9134	30	18.8729
15.7613	14.3228	15.6043	30	30	30	30
17.3548	14.7019	15.7337	30	30	24.4494	30
17.9028	17.7929	30	16.5795	30	30	22.9713
17.991	14.2793	14.6442	17.0872	30	30	17.1461
21.6595	15.9137	30	30	30	19.0538	30
30	16.8962	30	19.0312	30	30	30
14.6682	15.3069	30	16.4804	30	23.8753	18.2851
16.783	13.5335	19.6252	22.2573	30	23.358	30
30	17.1535	30	16.8579	30	30	30
30	30	30	30	30	30	30
30	14.722	30	18.5123	30	30	30
16.2148	15.1928	30	30	30	30	30
14.9769	30	15.2656	18.6586	30	22.0763	15.8964
17.6511	14.0104	17.9763	16.8118	30	18.5107	19.0329
16.4973	15.7551	16.6299	15.3406	30	30	30
30	30	30	30	30	23.0048	30
16.3347	15.0673	30	30	30	19.0437	16.726
16.3617	30	30	30	30	30	30
30	30	30	30	30	30	30
16.9939	13.9657	20.3766	30	30	30	30
18.2314	19.1605	16.4447	16.8178	30	21.1153	30
16.1568	16.6545	30	30	30	30	30
16.6098	13.7723	16.7612	20.102	21.2375	17.6216	19.59
17.3823	15.0394	18.5236	30	30	30	20.6439
16.9863	15.0307	15.7087	17.0217	30	20.9279	17.4688
17.3495	15.092	17.2649	30	30	30	16.727
17.0434	15.1458	30	30	30	30	30
16.0668	13.6674	30	30	30	30	17.7311
30	16.2152	20.3557	30	30	24.0006	30
18.1077	14.9377	14.9908	15.2884	16.9053	30	30
17.6632	14.6953	15.7418	15.3447	30	30	17.5838

15.0326	13.4346	30	15.0297	30	30	30
16.882	15.6778	30	15.9396	30	30	30
30	15.1428	16.2791	17.2741	30	21.1637	30
30	15.7306	16.6588	30	30	30	30
14.9754	14.3473	14.8847	30	30	20.1606	15.4871
15.7015	13.31	15.1449	18.5457	30	24.9129	30
30	15.6708	18.7267	16.8557	30	22.0278	30
15.752	14.5969	16.8121	19.9396	30	30	16.5019
16.9794	14.6851	30	30	30	30	16.8306
15.4657	14.6268	30	17.8957	30	23.8001	30
15.8229	30	16.4637	16.5939	30	23.9108	30
16.7008	14.1954	30	22.1547	30	30	17.3201
16.5955	15.1754	15.737	19.9755	30	30	30
30	14.7428	30	17.4666	30	30	30
30	30	30	30	30	30	30
19.1055	13.8439	30	15.0575	30	20.1988	30
16.7525	30	16.9914	30	30	30	16.1692
20.2386	14.8778	30	16.7489	30	22.2791	21.7155
18.2674	14.9613	30	16.6772	30	19.071	18.8353
18.192	13.64	16.2409	30	30	30	30
30	16.7867	19.4445	22.1251	30	30	17.6695
17.8474	15.1571	30	20.1051	30	30	30
30	15.9378	15.7905	30	30	30	30
17.1555	14.4596	30	18.3908	30	22.9225	30
30	30	30	30	30	30	18.6149
18.364	15.5633	17.0035	30	30	30	30
17.0305	30	17.1375	16.1996	19.5634	30	30
30	16.7767	18.5694	30	30	21.88	30
17.2666	15.4724	17.3919	16.9316	30	25.8862	16.8371
17.7685	14.7273	30	30	22.3099	20.2024	30
16.1987	14.8283	30	16.954	30	24.1183	18.6567
30	15.4853	17.2331	30	23.2096	30	30
17.2133	14.9622	30	15.9627	30	20.3965	15.1907
16.2784	30	16.2438	30	30	25.8926	30
30	18.2459	30	30	30	30	30
30	30	30	30	30	30	30
23.2044	13.889	30	30	30	30	30
30	15.5439	30	30	30	30	19.3471
19.1835	15.5897	18.1783	20.2051	30	23.1501	30
16.1483	12.7404	21.3373	22.724	24.2823	19.9705	15.1747
17.0595	30	23.3276	16.1401	30	30	15.8256

30	30	15.6209	23.51	30	30	30
30	15.4082	30	18.7714	30	24.0218	30
30	14.7217	19.6747	16.4115	30	18.2145	30
30	18.4837	16.2665	18.1995	30	25.9786	30
19.2756	15.8379	30	30	18.7855	18.3765	30
19.9371	14.4046	17.284	17.0432	23.3414	24.1536	30
20.9843	30	17.1901	30	30	30	30
17.5685	13.7962	16.1869	13.6828	30	17.4967	30
18.1551	16.238	30	17.8124	30	21.8087	30
23.1125	15.563	30	30	30	30	20.2311

Hes1_A66	Hes5_A78	Hes5_A90	Hif1a_A07	Hif1a_A19	Hopx_A31	Hopx_A43
30	30	30	30	30	17.8211	16.9958
16.0242	30	30	30	30	16.6385	16.7757
30	30	30	30	30	23.2386	24.1047
30	30	19.352	30	17.0041	16.7523	16.5617
30	30	30	14.4816	14.6228	19.7699	19.2651
22.8523	30	30	14.2252	16.9483	16.1917	16.3655
15.1942	22.1805	30	13.0085	13.7814	30	30
22.8346	30	30	14.1467	14.1194	15.3154	15.3656
30	30	30	30	14.7406	16.5169	16.3868
18.3905	30	30	14.0895	30	15.1157	15.1564
16.4548	30	30	30	15.1583	15.9443	15.7206
15.5284	30	23.8765	14.9013	14.6082	17.1926	16.7396
16.2734	30	30	15.6462	16.3291	18.2418	18.9567
30	30	30	30	19.7225	15.3539	15.2707
30	30	30	16.6521	16.7057	15.5873	15.7846
30	30	30	30	30	15.1631	15.224
30	30	30	11.6345	14.6868	15.2695	15.3272
30	18.7879	30	16.4403	16.7684	17.3854	16.8462
30	21.6282	19.8269	14.4442	15.6277	17.4947	17.7818
30	30	30	16.9678	30	30	30
17.3091	30	30	30	30	15.2751	15.1175
16.8767	30	30	15.2767	15.1258	30	30
17.0477	30	30	14.5525	14.1361	15.3081	15.4536
22.8766	30	30	15.6507	30	15.0828	14.7077
30	30	30	30	30	30	30
21.0645	19.5212	21.5009	15.8628	16.3664	17.0907	17.2583
30	30	30	14.8003	30	16.059	16.3807
30	30	30	30	30	30	30
16.9502	23.7446	30	13.7032	30	15.6686	15.6982
30	20.5878	20.6346	30	30	15.7931	15.6957
16.3378	30	30	16.3572	16.1261	17.1467	17.3342
30	30	23.3425	14.6951	30	14.9828	15.2063
17.0605	20.8546	30	14.7776	17.1293	17.0594	17.5254
15.973	19.5878	20.8178	14.7476	13.8166	15.4276	15.5768
17.3984	30	30	15.9329	15.9311	16.0228	15.8392
30	30	30	14.5575	13.8472	16.4209	16.4413
16.7606	20.0245	19.9483	14.363	15.3925	17.1982	17.2228
16.4866	30	24.4521	30	30	16.5789	16.4786
20.1567	30	30	14.3377	30	15.2907	15.2338
30	30	30	15.782	30	14.8013	14.6994

30	30	30	13.5704	14.0304	17.4495	17.3572
30	20.6286	19.7277	15.096	14.2894	16.5497	16.4074
30	30	30	13.6263	15.9974	14.8322	14.6461
30	23.7295	30	15.4701	14.203	16.2507	16.3593
15.0491	23.8082	21.2248	13.5748	12.4215	15.6594	15.5754
30	30	30	13.9841	13.8366	15.0655	15.384
30	30	30	14.32	30	15.3283	15.1596
15.2324	30	24.4324	12.7558	14.8807	17.0621	17.2799
21.116	21.388	23.0576	14.7351	30	16.8517	16.8247
30	20.8729	23.3178	11.418	13.2302	30	30
30	30	30	13.4446	15.0126	18.889	18.7854
15.1365	30	30	14.1422	14.6381	30	30
30	20.8928	24.3565	30	30	30	30
30	30	30	13.2516	13.9361	14.9594	15.0673
30	21.9589	23.4981	15.381	15.2207	16.9649	17.0577
23.923	30	22.3649	14.1113	15.3154	30	30
15.3549	30	30	15.3695	30	14.425	14.5852
17.0473	18.6177	19.0696	30	20.5571	15.1265	15.3127
30	30	30	14.0918	17.8593	14.2857	14.1553
30	19.4554	30	14.9524	22.6066	15.9537	15.9799
20.7888	30	30	30	16.4948	23.025	30
30	23.9334	21.7638	14.1437	30	18.0049	17.7373
30	19.5148	21.6555	15.63	15.4179	16.1914	16.3818
30	30	30	30	16.167	19.529	18.5734
30	19.7671	21.8429	15.4425	30	30	21.2888
30	19.7219	23.1583	14.1063	16.2344	30	30
30	23.9522	19.8449	15.4105	30	16.9592	16.9255
30	30	30	14.5234	30	16.3264	16.0425
16.351	30	30	15.7613	16.3181	15.479	15.7502
16.5619	30	30	14.4896	14.8706	23.3311	23.1278
15.5621	30	20.8266	14.2925	16.6228	15.4985	15.6442
19.2545	30	30	15.7062	15.7879	15.9829	15.7052
14.0353	30	23.5597	14.9877	16.2848	16.5486	16.6098
30	30	30	14.8489	30	16.5202	16.5643
30	30	21.4223	14.3949	17.9503	17.788	17.7518
30	30	30	30	30	30	30
30	30	30	12.6356	14.4182	17.1071	16.9608
17.1883	20.6939	22.0928	30	16.3126	15.6245	15.8829
30	21.0694	19.6358	21.8821	30	30	30
15.583	19.5884	30	12.9141	14.3591	15.62	15.7137
14.985	18.313	22.7945	12.6925	14.7953	16.5613	16.7079

17.886	20.1429	23.3403	30	14.522	15.8234	15.7029
30	30	30	14.3752	16.8916	15.0357	14.9798
30	30	20.4701	15.8526	30	17.2923	17.5734
30	20.3813	24.4075	14.0957	15.4731	17.1157	17.2089
30	18.429	19.5946	30	15.2586	30	30
30	18.4487	20.6222	13.5551	15.4355	30	30
30	21.8615	30	14.6237	17.4326	18.454	18.1709
15.702	21.9639	30	13.3562	15.0589	18.771	18.3848
30	19.5891	19.8501	14.2035	30	17.3125	17.0692
16.7675	30	30	21.1534	30	15.8811	15.8283

Jag1_A55	Jag1_A67	Lgr5_A79	Lgr5_A91	Lrig1_A08	Lrig1_A20	Lyz2_A32
30	30	30	30	30	30	11.9072
30	30	30	30	30	30	12.9967
22.2411	30	30	30	30	30	15.1789
22.3313	30	20.9695	16.0759	30	30	12.5914
26.4606	30	30	21.5546	17.9247	17.5875	16.5257
18.3369	30	30	30	30	18.1162	13.6005
19.2221	30	23.7481	30	17.5193	17.2752	17.439
17.7336	30	30	30	30	17.5582	13.8875
20.6015	30	30	30	30	30	12.8661
19.7459	30	30	30	21.1329	17.4774	11.6802
16.5519	17.1841	30	30	30	15.1913	12.926
21.1412	30	30	30	30	17.2397	17.2242
16.9129	15.8226	30	30	20.7268	15.9583	14.5571
30	30	30	30	15.6247	30	14.8969
19.143	30	30	30	30	30	13.299
20.9777	30	30	30	19.7069	17.8345	11.5439
20.6428	30	30	30	16.631	16.6525	15.0348
30	30	16.1048	21.4982	30	15.4948	12.9496
19.3408	30	14.9125	18.4078	18.1652	17.3628	15.2963
30	30	30	30	30	30	13.1082
30	30	16.2749	30	30	24.2588	13.2341
17.7008	23.1106	30	30	17.9643	16.8289	13.2696
18.3575	30	15.5764	30	15.3329	16.9002	11.6356
24.2693	30	30	30	16.4606	30	11.247
21.3506	30	30	30	30	30	18.8643
21.0986	30	30	20.8292	17.6508	16.7613	12.645
16.9817	30	30	30	30	30	12.8197
21.0375	30	30	30	30	30	18.0425
22.7483	30	15.7102	30	30	30	12.7372
23.5179	30	16.9068	30	30	30	13.6058
23.2814	30	30	30	16.7258	19.4467	12.8601
24.3754	21.32	14.4927	22.8405	30	16.609	13.9011
30	30	22.1592	30	17.5208	15.1643	14.1145
23.3282	23.5736	30	30	15.4358	16.9944	14.1822
20.9075	30	30	19.8297	18.7371	17.7318	15.5668
19.9383	18.2415	30	30	17.2136	16.4129	16.1688
18.376	30	30	19.1222	30	19.7884	13.4613
20.6963	30	30	30	18.3501	19.2443	13.5335
21.2613	23.8379	30	30	18.0177	17.1195	12.3621
19.2386	30	30	30	16.4047	19.3322	13.1908

19.8784	30	30	30	18.9404	18.4995	13.5706
17.5752	30	30	30	17.4559	15.0465	12.6339
17.4041	18.4533	30	30	30	19.7116	12.0643
22.8385	30	30	30	17.2427	30	13.4969
18.2584	30	30	30	16.2238	14.8588	11.9369
20.8154	30	30	30	17.4359	15.9494	12.8112
20.5121	30	16.0143	30	30	15.8089	14.8931
20.6731	16.2297	30	30	30	16.5008	16.8733
19.3665	30	20.3739	30	18.9774	30	15.2312
30	30	30	30	30	30	16.7118
21.012	30	16.6424	23.8442	15.815	14.7561	13.854
22.1342	30	30	30	16.1483	15.4018	15.6832
20.2645	30	30	30	16.7405	30	16.7159
16.235	30	30	30	15.8732	18.286	14.8066
20.5022	30	23.5008	21.3813	19.1484	16.6346	14.5156
30	30	30	30	17.0022	18.072	14.5604
17.5219	30	17.1198	17.9912	30	16.3034	14.3276
17.1897	30	16.0158	30	17.8999	15.6615	13.7616
19.8104	30	30	30	21.8645	16.1764	12.8663
21.1598	30	30	30	30	16.4018	16.1572
18.7364	30	30	30	30	18.7401	14.1895
24.6573	30	30	30	16.0796	14.6317	14.5669
24.4629	30	30	30	17.772	19.3794	15.218
30	24.0221	30	30	14.3441	17.2508	13.804
24.2864	30	30	30	17.0641	14.0112	14.3198
20.02	24.1166	30	30	18.3351	16.7671	14.0506
17.1523	30	16.9395	17.7967	18.5335	16.0328	18.5764
21.6919	30	17.1589	30	15.9582	15.0538	15.6206
24.4277	16.704	16.4663	30	30	16.442	14.5846
19.976	30	30	30	18.1048	30	15.9243
17.699	24.1542	30	30	15.5835	16.545	13.235
18.682	30	15.3459	17.3156	16.6787	14.782	15.0819
21.497	20.7379	17.4371	19.1039	16.3778	16.7415	14.5762
21.6435	30	15.6605	30	21.2437	16.6781	15.7319
18.6464	30	30	30	19.3657	16.6528	14.6927
21.9	30	30	30	30	30	19.8222
22.9194	30	30	30	15.6655	14.802	13.9632
30	30	17.4752	18.3179	21.611	16.518	14.7761
24.6809	30	30	30	15.8241	21.4253	15.8063
20.3247	18.3154	13.7419	19.8659	15.4306	13.8556	15.3221
21.5519	20.9099	16.7571	30	16.6734	15.0571	14.4066

15.8083	30	30	20.4134	18.54	21.1609	12.2593
21.9239	16.4955	30	30	30	30	12.8522
22.6705	30	30	30	16.7347	16.4045	12.8493
25.5282	30	30	30	21.8104	16.1383	14.188
24.5537	15.9431	30	30	30	30	17.9323
18.6287	19.0307	30	30	19.0326	14.6314	17.0598
17.0499	17.4115	30	30	17.2886	22.9388	17.2302
30	30	30	30	15.8649	19.1016	14.6333
16.8218	30	30	30	17.0794	16.7787	14.0116
22.0447	30	30	23.4207	30	30	14.466

Lyz2_A44	Msi1_A56	Msi1_A68	Msi2_A80	Msi2_A92	Myb_A09	Myb_A21
11.0082	17.5751	16.2596	15.5898	19.4819	30	17.4615
12.1122	16.184	30	15.8637	18.5684	30	30
14.9989	19.6006	23.2112	30	30	30	20.1236
12.2747	30	30	30	30	30	18.0908
16.2192	19.2814	23.4457	16.807	18.9821	30	30
12.8677	17.3086	30	16.4882	30	30	18.3451
14.6474	30	30	20.2741	30	30	24.4298
12.8937	16.7325	30	15.922	17.4839	23.3088	17.2197
12.1597	30	30	17.499	18.4214	30	30
11.0006	30	30	15.9995	17.6413	30	30
12.1722	30	30	14.8631	30	30	30
20.0123	14.6893	18.6784	30	30	30	30
14.3994	18.0718	18.5068	15.8732	30	17.842	19.7516
14.2441	16.4342	21.7363	16.8178	18.469	17.8368	18.677
12.7408	17.469	30	16.992	30	30	30
11.3073	30	17.6144	15.6497	16.6194	16.3641	17.5449
13.559	14.5228	17.8408	14.1868	16.5756	30	30
12.1413	23.4017	19.0161	14.5772	17.2752	17.8591	19.432
14.167	30	16.7537	17.5124	19.3116	16.4107	16.981
12.4777	17.7019	30	15.6623	30	30	30
12.3224	16.1306	18.4749	30	18.4447	30	17.558
12.6272	16.6629	30	18.0203	16.088	18.0093	19.13
11.0206	15.0147	17.8857	15.7313	20.2275	15.4737	30
10.4996	14.1944	23.3234	15.2957	30	16.6885	19.8721
30	30	30	30	30	30	30
12.5449	16.3534	17.4938	17.2307	30	30	30
12.2667	17.8104	22.2044	30	30	30	18.5032
30	30	30	30	30	30	30
12.4698	16.0352	30	15.7616	18.8316	30	30
13.2293	30	30	30	30	30	30
12.5814	30	30	20.764	30	17.7167	30
13.1654	14.3595	17.8435	14.7536	18.5134	30	20.1957
12.7473	16.8903	22.4975	15.769	17.1943	30	18.2775
14.2316	16.3362	23.5439	23.377	30	18.5082	16.0934
14.5051	15.9023	19.7866	17.2548	23.9093	30	30
15.3265	30	30	30	23.8197	30	30
12.7531	14.7189	18.2876	16.0386	30	30	22.9586
13.0541	30	20.7302	14.9335	20.9911	21.8638	30
11.4737	15.8553	17.4767	16.5516	17.8094	15.978	19.3548
12.0561	16.3435	30	23.4781	16.373	17.067	17.3926

12.6915	15.3183	17.3319	30	19.2767	21.7658	18.2624
11.4238	15.1334	19.1247	14.6865	23.609	16.3632	20.2007
11.3319	16.9735	23.456	17.355	17.3512	30	23.9214
13.1883	18.7902	30	15.4558	18.0118	15.4068	16.8371
11.1761	15.5876	18.1037	30	18.1716	30	30
12.4543	15.2506	23.2857	14.2724	30	22.2328	19.5446
15.8123	19.4821	30	30	30	16.9636	21.1258
15.617	14.6394	18.2142	15.884	30	30	30
13.8985	16.7169	30	30	22.0767	30	30
16.3792	30	30	15.475	19.3923	30	30
13.3347	17.4388	17.9001	15.6357	30	30	17.7941
14.5839	14.5481	19.4646	15.8687	30	19.4017	20.1617
14.91	16.7737	16.8674	17.0215	30	30	17.5384
14.1423	16.5951	30	16.2936	19.7924	30	30
14.157	14.5998	20.363	15.2263	16.3915	30	30
13.2325	30	30	18.2185	23.9396	30	30
13.49	13.8963	15.6364	15.0658	15.9755	30	30
12.6312	16.7042	18.1078	30	17.7752	17.5841	18.6406
11.9487	14.2262	19.8303	14.9098	21.9689	17.5666	30
15.469	15.1828	16.8346	16.1163	17.3592	30	24.3229
13.6654	14.271	19.0472	30	21.3122	30	18.1305
13.4061	17.5397	23.3279	14.495	16.6192	17.1743	20.7263
15.5265	14.8574	30	17.9314	30	30	30
13.5813	16.5499	30	20.8201	23.3907	30	30
15.4614	20.3947	30	17.0072	21.0059	30	30
13.2468	16.6328	21.6703	30	30	30	30
15.4388	30	30	16.2149	20.3073	30	30
14.0001	14.5068	23.3096	15.6206	19.3222	30	30
14.0664	15.1815	22.131	16.9696	22.4441	17.1724	18.6179
15.5559	17.0675	18.6665	19.638	22.4029	30	23.4345
12.6252	17.8	30	15.5474	23.785	30	30
13.9427	16.1262	16.5887	16.4201	16.4697	30	20.082
14.2825	14.7052	18.5962	14.9813	16.2943	30	30
13.7498	16.7299	30	15.2979	17.4977	30	30
13.8977	16.4403	22.459	15.8783	23.4548	14.7777	18.7537
30	30	30	30	30	30	30
14.0475	30	30	15.851	30	30	19.1507
14.3074	30	30	17.1799	17.8852	30	30
14.7368	30	30	18.2446	22.6163	30	30
12.9069	13.7041	15.8037	14.4009	15.0678	14.0154	14.0311
14.4453	14.7879	19.3156	17.4068	18.4169	15.294	17.7952

11.6111	17.9251	23.4909	14.8807	20.144	30	30
12.3696	17.4719	24.0059	30	30	30	30
11.859	21.9471	30	15.0622	16.8337	30	30
12.5878	17.4121	30	15.2502	19.0277	30	22.4713
14.32	30	30	15.6429	18.5444	30	30
15.8651	30	30	30	19.1568	15.2052	15.0482
14.6888	20.9835	30	16.7299	30	30	21.0163
12.6667	13.8506	19.007	15.9851	30	30	19.2441
13.4121	30	30	16.7607	19.1303	30	30
13.0024	15.302	30	14.7583	19.0573	30	30

Myc_A33	Myc_A45	Notch1_A57	Notch1_A69	Numb_A81	Numb_A93	Olfm4_A10
19.5672	30	19.507	30	30	30	30
20.3062	30	22.3476	30	30	16.2245	30
21.479	20.4083	23.2425	30	15.1511	30	30
20.4748	30	20.5565	30	19.2899	30	30
30	30	22.037	30	30	30	30
30	30	22.3267	30	30	30	30
18.7973	17.6163	22.8099	30	14.5411	14.796	30
30	30	17.5849	30	18.1386	16.8437	16.729
30	30	18.6782	30	30	30	30
30	30	20.5043	30	16.8289	17.7471	30
30	30	17.8212	30	30	30	30
30	30	21.7972	30	30	17.0079	30
30	30	21.1942	30	15.8952	16.2219	30
30	30	23.4202	30	30	20.1773	30
30	30	19.6747	30	17.1244	16.7034	30
22.2789	15.9148	22.051	30	17.5016	15.6007	15.9291
15.0585	14.974	21.59	30	15.9573	30	16.0017
19.354	30	30	30	18.6683	30	30
30	30	23.158	30	15.6505	30	30
30	30	21.0282	30	30	30	30
30	17.0559	30	30	30	30	30
18.7087	30	22.3692	30	16.2742	30	30
30	16.3698	30	30	15.9683	15.186	30
30	30	20.4889	30	30	17.4018	30
30	30	15.5582	30	30	30	30
19.6627	21.1549	30	30	30	30	30
30	17.3801	22.9901	30	16.9301	17.3735	17.0155
30	30	21.7801	30	30	30	30
30	30	24.0073	30	16.3947	30	30
30	30	21.5949	30	15.8466	16.9579	16.369
30	30	30	30	21.2569	17.5231	30
30	30	24.3737	30	15.3811	19.7846	30
30	16.8151	17.8752	30	30	30	30
17.9751	17.925	17.531	30	30	16.4602	30
18.2623	30	24.4327	30	16.4656	30	30
18.483	30	25.1867	30	16.9467	30	30
23.1851	30	22.1163	30	16.8193	18.9	30
30	18.4964	21.301	30	16.8847	17.9652	30
16.7677	30	20.5458	30	19.1852	16.2222	16.9642
17.8361	17.4767	23.4724	30	30	30	30

30	30	22.3802	30	30	30	30
21.4451	17.5195	20.9859	30	15.6263	16.6754	30
17.3933	21.7243	18.4473	30	30	17.1903	16.2146
20.5055	30	23.9389	30	30	16.3359	22.8658
18.046	30	20.2231	30	30	30	30
18.7629	30	23.1404	30	30	15.362	30
30	30	20.2107	30	19.0369	15.784	30
20.0712	30	20.22	30	30	17.3312	30
30	16.9885	30	30	30	30	30
30	17.3784	16.7056	30	16.8389	16.4698	30
30	18.1058	20.8068	30	15.3623	20.5064	30
19.6393	17.6209	22.123	30	14.3654	30	30
30	16.9172	30	30	20.2055	17.0757	19.416
30	16.5017	19.678	30	19.0403	30	30
21.3693	30	20.0849	30	14.5505	16.2657	15.7278
30	20.0595	19.1543	30	30	30	30
30	17.2432	20.9925	30	30	16.0052	30
21.2039	17.5524	20.4141	30	17.3663	18.2004	30
30	30	23.2593	30	16.1375	17.7499	30
30	30	30	30	30	30	30
30	30	30	30	23.4464	18.3621	16.8407
30	17.1661	24.2301	30	17.6714	14.6734	30
23.237	30	20.7064	30	20.6789	15.9343	16.0296
30	30	30	30	30	30	30
30	30	23.2053	30	16.2767	30	15.8185
17.8063	16.8438	24.0387	30	18.9488	16.7657	30
30	30	22.6587	30	30	30	30
30	30	22.2122	30	30	30	30
30	30	17.6253	30	30	23.2947	18.6795
30	30	21.6957	30	30	30	30
23.1963	30	21.2446	30	30	30	17.2861
30	30	22.7261	30	18.2383	16.2375	15.3653
22.183	30	21.8014	30	18.2919	16.501	30
30	30	22.5759	30	18.1166	17.4955	30
30	30	30	30	16.0076	18.842	30
30	30	30	30	30	30	30
30	30	20.8602	30	21.1541	17.3258	30
30	30	20.8642	30	30	30	30
30	30	17.1242	30	16.218	16.785	16.3377
15.8307	17.1282	15.3637	21.0632	15.4233	15.262	9.51771
17.9322	17.1439	22.6384	30	30	14.4604	30

30	30	30	30	30	17.3756	30
30	30	22.9874	30	30	30	23.8298
30	30	30	30	22.3008	21.0771	30
17.4845	30	22.0073	30	30	17.4106	30
30	30	22.0046	30	30	30	30
17.2943	16.8899	16.6622	30	15.3882	19.0101	30
30	30	30	30	30	16.606	30
30	24.5724	20.2242	30	16.7794	16.2886	30
30	30	22.7508	30	30	19.6707	16.7566
30	30	21.576	30	30	30	30

Pcna_A34	Pcna_A46	Ppargc1b_A5	Ppargc1b_A7	Rhoa_A82	Rhoa_A94	Saa2_A11
15.1968	30	30	30	12.4761	13.0931	30
15.0821	30	30	30	12.2428	13.7625	30
15.7715	16.3098	30	30	12.7678	14.0204	30
15.7396	30	30	30	13.1244	13.5658	30
19.0165	21.589	30	30	12.5317	12.8676	30
16.5193	16.5015	30	30	13.5939	13.6729	30
11.3645	15.3596	30	30	12.0131	12.2718	30
17.9679	15.3055	30	30	13.4147	12.833	30
20.3307	16.3	30	30	12.9817	15.0527	30
18.7197	30	30	30	12.6875	14.4474	30
16.2473	19.2804	30	30	13.1258	14.3605	30
15.5917	17.1869	30	30	13.148	12.8345	30
15.1579	15.7294	16.6665	30	13.3745	14.4735	30
15.3667	16.7375	30	30	12.8434	13.643	30
16.3166	21.4025	30	30	13.7202	14.1363	30
16.4767	16.2921	30	30	11.8445	12.9313	30
15.1093	14.5185	30	30	12.9521	13.8601	30
16.442	16.4613	30	15.1868	13.0905	13.4151	30
15.4729	16.3598	30	30	12.4932	12.2782	30
15.8866	30	17.4634	30	13.2798	13.047	30
15.9551	15.3723	30	30	12.4683	13.9979	30
16.0238	16.2604	30	30	13.2893	14.4404	30
17.0663	15.3259	30	30	12.089	13.2161	30
15.622	17.898	30	30	12.5996	12.9669	30
30	30	30	30	30	30	30
15.7049	17.5901	30	30	13.0145	13.5834	30
30	18.5463	30	30	13.3852	14.3146	30
30	30	30	30	30	30	30
13.8681	15.7796	30	30	13.0293	13.7565	30
14.9985	30	30	24.3488	13.2714	13.7444	30
23.1997	30	30	20.5128	13.1324	13.5813	30
13.4536	17.2265	30	30	12.6114	12.9319	30
18.7273	30	20.2427	30	12.9156	13.6083	30
13.6723	14.9058	30	16.6595	11.9216	12.3606	30
15.416	30	17.8912	19.2415	13.239	13.4734	23.9445
16.3784	16.8405	30	30	14.0178	14.1281	30
17.0498	16.4534	16.4057	30	13.1594	12.6105	30
17.7957	30	30	30	12.9747	13.4282	30
14.8522	15.3481	30	30	12.2931	13.1499	30
15.642	16.4361	30	30	12.9602	13.8224	30

15.4468	30	30	30	11.4713	12.6288	30
13.6083	15.3425	30	30	11.8866	12.9752	24.5864
17.8733	30	30	30	12.6041	12.5456	30
17.7846	16.2155	30	30	13.6456	13.1445	30
14.0099	15.1434	30	30	12.0816	12.9841	30
15.5477	14.6224	30	30	11.796	12.893	30
14.9583	15.5036	30	30	12.3072	13.7807	30
15.0228	15.0939	30	30	12.21	13.1159	30
21.3124	15.0329	30	30	13.2156	14.5643	30
11.9814	12.5208	30	30	12.4495	12.209	30
30	18.6789	18.0859	23.2131	12.2799	13.0062	30
14.6578	15.3331	30	30	13.1469	12.7655	30
17.3495	17.5561	30	30	12.8244	14.1488	30
15.1947	16.1015	30	30	13.2704	13.4925	30
16.0962	18.0411	30	30	12.3037	13.7265	30
15.4763	19.1317	30	16.2894	12.3054	13.1536	30
14.3445	16.5303	30	30	12.9434	13.1058	30
16.3784	30	30	20.1296	12.6476	12.8989	30
12.6681	16.5046	30	30	12.7858	12.8983	30
17.6542	17.9907	30	30	13.9277	13.4297	30
14.9482	15.0167	30	30	13.1858	14.3979	30
16.2438	17.6849	30	30	12.8566	12.7934	30
19.6883	30	30	30	12.8244	13.7407	30
18.2495	30	30	30	12.594	12.4006	23.7192
14.236	15.601	30	30	13.6621	13.555	30
15.8583	15.6343	30	30	12.721	14.6006	30
18.7713	17.8792	30	30	13.1833	13.4484	30
16.2598	18.6634	23.3095	30	12.656	13.8617	30
15.7177	18.7365	30	30	13.59	13.4533	30
14.8293	17.3163	30	30	13.0572	13.8252	30
14.9449	15.5581	30	21.5402	13.9604	13.2468	30
14.7498	14.5538	30	30	13.4256	13.72	30
15.9015	15.6701	30	30	12.7818	13.8852	30
15.8729	15.6692	30	30	13.4522	13.6084	30
16.0843	18.2849	30	30	12.8664	12.4813	30
30	30	30	30	30	30	30
17.2925	16.2869	30	30	12.7313	13.4048	30
15.9013	18.3568	30	20.0777	12.5987	12.8925	30
16.4352	16.6289	21.4414	30	14.0081	14.0383	30
11.9608	12.8153	30	19.0563	11.8931	11.8588	30
16.0993	30	30	30	12.1371	12.8442	30

13.1631	16.1965	30	30	12.7887	12.9309	30
15.4043	16.7236	30	15.7015	13.0911	13.6126	30
16.3539	21.6094	30	30	13.7136	13.5483	30
15.8907	14.8565	30	30	12.9616	13.08	30
14.7481	15.6164	30	30	14.5077	14.9158	30
14.4394	17.5926	16.6906	15.2843	13.1639	12.3222	30
14.2347	15.7305	30	30	12.9505	13.5894	24.3769
11.3593	16.1808	30	30	11.796	12.4321	30
13.4754	16.1468	30	30	12.9811	14.2404	30
16.0697	14.224	30	30	12.8938	13.9086	30

Saa2_A23	Sirt3_A35	Sirt3_A47	Sox9_A59	Sox9_A71	Tat_A83	Tat_A95
16.9774	30	30	15.294	30	30	30
30	30	30	16.9948	30	30	30
20.9108	30	30	13.9618	21.6865	30	30
16.7614	18.5514	30	14.8721	30	30	30
30	30	30	13.9128	30	30	30
18.3809	30	30	16.8512	30	30	30
15.3112	30	30	15.5441	30	30	30
19.3816	30	30	13.7896	23.1996	30	30
22.745	30	30	14.8685	30	30	30
16.6426	23.6277	30	16.0105	27.2762	30	30
17.5218	30	30	14.4817	30	30	30
16.1378	30	30	16.79	30	30	30
15.9354	30	30	15.3498	30	30	30
15.4528	20.9198	30	13.5566	30	30	30
17.5278	30	30	18.8613	30	30	30
16.427	22.8481	17.5925	15.0787	26.5924	30	30
16.0241	30	30	14.0449	25.092	30	30
17.1125	30	30	13.2955	25.6022	30	30
16.9711	30	30	15.7641	30	30	30
23.2318	30	30	15.6912	30	30	30
15.7628	30	30	15.0826	30	30	30
18.0255	30	30	14.3713	30	30	30
30	30	30	14.308	26.9477	30	30
16.9571	30	30	15.5341	30	30	30
30	30	30	30	30	30	30
17.4711	30	30	15.0566	30	30	30
15.662	30	30	16.3299	30	21.109	30
30	30	30	30	30	30	30
16.3134	18.8023	30	16.0759	30	30	30
16.375	23.7757	30	15.2951	30	30	30
20.4136	30	30	15.7076	30	30	30
18.892	30	30	14.5332	30	30	30
17.2769	30	30	12.8779	30	30	30
17.448	17.4074	17.4208	14.5085	30	30	30
30	30	30	16.1652	30	30	30
16.4592	30	30	13.2639	21.8966	30	30
15.7524	30	30	12.9393	30	30	30
17.3473	30	23.6924	13.5831	30	30	30
16.5307	30	30	14.4075	26.2053	30	30
19.7476	30	30	14.647	30	30	30

16.219	30	30	18.5096	30	30	30
15.5937	30	30	15.7202	30	30	30
16.7512	30	23.2085	14.2493	30	30	30
17.0909	30	30	15.4148	30	30	30
18.7174	17.2609	30	14.4279	28.4758	30	30
16.156	30	20.7436	14.3904	23.0261	30	30
17.7473	19.0025	30	13.3451	28.5772	30	30
16.0198	30	30	16.2814	30	30	30
17.9383	30	30	15.3533	30	30	30
15.454	21.2097	30	30	30	30	30
16.2881	30	30	13.8925	30	30	30
17.2772	30	30	13.8423	27.8776	30	30
16.6777	22.5914	30	17.1924	30	30	30
18.1168	30	30	13.3749	26.095	30	30
19.5592	30	30	19.4014	30	30	30
18.9127	30	30	16.5414	30	30	30
16.3862	30	30	14.0568	26.9136	30	30
18.5699	30	30	15.9439	30	30	30
17.6028	30	30	13.9928	30	30	30
16.7622	30	30	15.5568	22.894	30	30
30	30	30	14.5239	30	21.2961	30
16.33	30	30	13.5466	27.5995	30	30
18.5942	30	18.2042	17.3686	26.3902	30	30
16.5171	30	30	14.0285	22.8178	30	30
17.4174	30	16.3867	15.2028	30	30	30
15.915	30	30	14.2318	30	30	30
15.615	30	30	17.5357	30	30	30
16.9198	30	30	14.2697	30	30	30
18.3503	30	16.3821	15.497	30	30	30
16.4637	30	30	14.5251	30	30	30
16.4284	30	30	13.5952	20.8048	30	30
16.6739	30	30	14.6363	28.7987	30	30
19.0651	30	30	13.8119	23.7312	30	30
19.6492	30	30	15.0741	25.236	30	30
16.2222	30	30	12.9991	22.8158	30	30
30	30	30	30	30	30	30
19.0567	30	30	15.1464	30	30	30
17.5097	30	30	14.7317	30	30	30
17.8007	30	30	18.2462	24.2175	30	30
15.0643	20.7932	30	12.6455	30	30	30
20.9353	30	30	13.0317	27.7201	30	30

17.5879	30	30	14.5136	30	30	30
16.9417	30	30	16.1886	25.1126	30	30
15.1171	30	30	16.9631	30	30	30
16.451	30	30	14.9841	30	30	30
14.3625	24.0363	30	30	30	30	30
15.2586	30	30	18.1883	30	30	30
16.2099	30	30	13.6389	26.9681	30	30
18.4823	30	30	14.1805	25.5295	30	30
16.4899	30	30	16.2384	23.8149	30	30
30	30	30	15.6388	30	30	30

Tcf4_A12	Tcf7l2_A24	Tert_A36	Tert_A48	Wnt3_A60	Wnt3_A72	Wnt6_A84
18.2174	21.5198	30	30	19.8215	14.7116	30
20.5827	21.555	30	30	16.5254	24.0432	30
19.8929	18.3028	30	30	17.1522	17.5326	30
30	30	30	30	17.3505	16.7914	30
16.011	19.2466	30	30	18.2378	30	30
30	30	30	30	16.0466	14.616	30
14.8334	19.3532	30	30	14.5695	30	30
15.0153	21.6348	30	30	18.5561	16.0571	30
16.9142	30	30	30	18.4954	15.3469	30
18.9537	21.5733	30	30	22.8633	16.3613	30
15.4346	21.965	30	30	30	16.1983	30
15.0819	27.5496	30	30	21.3579	30	30
16.4121	21.4022	30	30	17.9328	15.4871	30
18.1385	22.1383	30	30	17.2495	16.3832	30
17.061	23.1936	30	30	19.4326	16.6545	30
16.456	17.822	30	30	14.7565	14.6953	30
19.4935	19.1209	30	30	15.5359	16.4203	30
18.471	18.4954	30	30	17.4872	16.8331	30
21.2005	19.1838	30	30	30	19.7689	30
14.4407	21.3656	30	30	19.4771	15.7559	30
14.8061	19.5741	30	30	16.39	15.9034	30
16.4504	18.5771	30	30	17.7749	14.2055	30
16.0159	30	30	30	16.7396	16.204	30
16.732	23.1662	30	30	17.5612	16.226	30
30	30	30	30	30	30	30
14.7953	30	30	30	16.588	16.9311	30
16.117	30	30	30	16.7742	16.4249	30
30	30	30	30	30	30	30
30	20.8113	30	30	15.1795	15.3199	30
30	19.0207	24.2055	30	16.1661	15.1486	30
16.4848	19.2177	30	30	16.4834	15.4298	30
14.655	20.1748	30	30	15.0269	16.3643	30
15.1252	19.262	30	30	16.8683	17.449	30
16.3446	18.3418	30	18.8631	18.8292	16.2751	30
15.7384	17.2226	30	30	30	14.6188	30
23.5031	21.3624	30	30	30	17.7105	30
15.7086	18.6658	30	30	16.6409	30	30
17.3487	22.5088	30	30	16.0421	16.6757	30
30	26.6575	30	30	17.2672	16.6121	30
20.1921	18.5248	30	30	15.194	14.9826	30

15.2565	23.7629	17.6444	30	19.5009	23.0121	30
15.0373	19.9869	30	30	16.3082	19.5005	30
21.2282	30	30	30	15.1808	14.4752	30
16.2866	30	30	30	15.7445	14.8144	30
16.8257	19.6514	30	30	13.9105	15.0285	30
15.1712	23.2801	30	30	30	17.3706	30
30	17.3469	24.4507	30	17.0845	13.8518	30
14.6249	25.2417	30	30	19.0413	19.0103	30
30	30	30	30	16.0443	16.0506	30
30	30	30	30	30	30	30
17.1346	19.3736	30	30	17.5033	15.6317	30
17.0637	19.6484	30	30	17.4265	16.5625	30
17.7072	30	30	30	19.966	17.8817	30
17.2047	19.767	30	30	17.6311	16.4096	30
15.3439	30	30	30	18.4252	14.4273	30
23.4617	19.6955	30	30	17.1147	18.6632	30
15.7373	20.6564	30	30	14.8338	15.1914	30
15.8382	19.0398	30	30	16.8778	17.0148	30
30	20.4412	30	30	15.9334	14.8696	30
20.4856	20.8963	30	30	17.2798	21.323	30
15.7957	20.2417	30	30	17.482	16.0411	30
15.9735	22.1213	30	30	19.4861	18.7452	30
14.5751	22.013	30	30	18.1605	15.9363	30
13.9202	19.2669	30	30	18.2216	14.4544	30
15.5547	30	30	30	20.8337	15.1685	30
17.5996	23.7039	30	30	17.8212	20.8633	30
16.2738	30	30	30	17.2544	30	30
19.5244	18.7821	30	30	30	21.7747	30
30	30	30	30	30	15.3744	30
19.0382	27.3459	30	30	20.8378	17.6625	30
17.3939	20.7342	30	30	15.857	16.3214	30
18.4058	20.275	30	30	15.5386	19.8176	30
18.0622	23.457	30	30	20.5736	19.6363	30
16.737	21.7066	30	30	20.9839	16.3864	30
15.5883	19.7699	30	30	16.1693	16.4887	30
30	30	30	30	30	19.6285	30
21.481	22.366	30	30	16.2196	17.5664	30
17.1596	18.5846	30	30	18.6892	16.5954	30
16.423	18.9925	30	30	18.0325	16.1768	30
15.305	19.3242	30	30	15.2617	17.0972	30
17.1266	19.5131	30	30	18.6296	14.9058	30

30	30	30	30	16.6058	16.6825	30
16.8249	19.6271	30	30	18.4321	23.3288	30
18.9869	21.2494	30	30	15.1465	16.5669	30
16.6056	21.7181	30	30	16.3234	16.7852	30
30	30	30	30	30	30	30
30	20.8457	30	30	30	26.1327	30
30	21.7428	30	30	17.6346	16.853	30
16.0111	21.6324	30	30	30	22.1805	30
30	30	30	30	23.3069	16.4532	30
30	22.1639	30	30	19.2428	14.2228	30

Wnt6_A96

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sampleID	Group	Areg_A01	Areg_A13	Ascl2_A25	Ascl2_A37	Atoh1_A49
S05	Bmi1	30	19.8039	30	30	30
S06	Bmi1	30	30	30	30	18.9808
S07	Bmi1	30	19.3406	23.7588	30	17.2153
S08	Bmi1	30	30	30	30	17.9814
S17	Bmi1	30	25.8205	30	30	17.1235
S18	Bmi1	30	30	19.0584	30	16.3413
S19	Bmi1	30	18.1333	30	30	16.8351
S20	Bmi1	30	30	12.8574	14.8321	13.7034
S29	Bmi1	30	30	30	30	17.0049
S30	Bmi1	30	19.4761	30	30	30
S31	Bmi1	30	19.6194	15.962	15.8291	14.2171
S41	Bmi1	30	30	30	30	30
S42	Bmi1	30	30	30	30	16.1874
S43	Bmi1	30	30	20.7084	30	27.2628
S44	Bmi1	30	30	30	30	17.3887
S53	Bmi1	30	30	30	30	14.4741
S54	Bmi1	30	30	30	30	30
S55	Bmi1	30	17.4983	30	30	26.2152
S56	Bmi1	30	30	30	30	18.2399
S65	Bmi1	30	30	30	30	16.7668
S66	Bmi1	30	30	30	30	30
S67	Bmi1	30	30	30	30	17.4676
S68	Bmi1	30	30	14.4082	15.9926	18.2503
S77	Bmi1	30	17.8538	30	30	24.6275
S78	Bmi1	30	30	30	30	21.8922
S79	Bmi1	30	30	30	30	30
S80	Bmi1	30	19.4297	30	30	16.8526
S89	Bmi1	30	30	30	30	30
S90	Bmi1	26.825	30	30	30	19.5124
S91	Bmi1	30	30	30	30	21.862
S92	Bmi1	30	30	30	30	30
S05	Bmi1	30	30	30	30	17.5687
S06	Bmi1	30	30	30	30	16.8992
S07	Bmi1	30	30	30	30	16.4225
S08	Bmi1	30	30	30	30	27.1477
S17	Bmi1	30	30	30	30	21.824
S18	Bmi1	30	30	30	30	24.6437
S19	Bmi1	30	25.5774	30	30	30
S20	Bmi1	30	30	30	30	17.997
S29	Bmi1	30	30	30	22.4093	16.2527

S30	Bmi1	30	30	15.2461	16.0808	17.3136
S31	Bmi1	30	30	30	30	18.2137
S32	Bmi1	30	30	26.8851	30	17.252
S41	Bmi1	30	30	30	30	16.9316
S42	Bmi1	30	30	30	30	30
S43	Bmi1	30	30	30	30	18.1879
S44	Bmi1	30	30	30	30	20.1338
S53	Bmi1	30	17.9101	24.7792	30	17.5386
S54	Bmi1	30	30	30	30	13.3466
S55	Bmi1	30	30	30	30	16.3963
S56	Bmi1	30	26.0561	30	30	17.4306
S65	Bmi1	30	30	30	30	19.2176
S66	Bmi1	30	30	30	30	17.6189
S67	Bmi1	30	19.4604	30	30	17.5382
S68	Bmi1	30	17.1714	30	30	13.9701
S77	Bmi1	30	30	17.7209	30	14.6713
S78	Bmi1	30	30	30	30	23.0212
S79	Bmi1	30	30	30	30	18.7296
S80	Bmi1	30	30	30	30	30
S90	Bmi1	30	30	30	30	18.2541
S91	Bmi1	30	30	18.582	23.4691	20.4843
S92	Bmi1	30	30	30	30	21.7287
S01	Bmi1	30	20.1219	25.2229	30	26.9549
S02	Bmi1	30	30	30	30	14.223
S03	Bmi1	30	30	30	30	27.0105
S04	Bmi1	30	30	30	30	16.7012
S13	Bmi1	30	23.7306	30	30	17.346
S14	Bmi1	30	30	30	30	17.3034
S15	Bmi1	30	22.8191	14.9338	17.2751	17.1414
S16	Bmi1	30	30	28.4099	30	18.1987
S25	Bmi1	30	30	30	30	16.9306
S26	Bmi1	30	30	15.2088	15.8234	18.7728
S27	Bmi1	30	17.9449	30	30	16.8489
S37	Bmi1	30	30	30	30	14.9592
S38	Bmi1	30	30	25.4904	30	18.2146
S39	Bmi1	30	30	30	30	17.3057
S40	Bmi1	30	30	13.8372	15.5894	17.7174
S49	Bmi1	30	30	30	30	16.4258
S50	Bmi1	30	30	16.3702	30	18.7257
S51	Bmi1	30	30	30	30	17.3347
S52	Bmi1	30	17.9963	30	30	16.3703

S61	Bmi1	30	30	14.5784	16.1589	25.0071
S62	Bmi1	30	30	30	30	22.8083
S63	Bmi1	30	30	30	30	16.4075
S64	Bmi1	30	30	30	30	22.3954
S73	Bmi1	30	27.5242	15.4413	30	21.6617
S74	Bmi1	30	27.3638	30	30	21.1291
S75	Bmi1	30	26.5204	30	30	22.9005
S76	Bmi1	30	30	19.6394	30	19.2762
S85	Bmi1	30	25.9205	30	30	30
S86	Bmi1	30	30	30	30	17.3464
S87	Bmi1	30	19.7892	30	30	17.7781
S88	Bmi1	30	30	22.4434	30	16.4063

Atoh1_A61	Axin2_A73	Axin2_A85	Bmi1_A02	Bmi1_A14	Bmpr1a_A26	Bmpr1a_A38
21.9806	17.8491	30	18.7023	25.1726	18.2826	18.9653
30	14.6082	18.3228	18.9187	21.6927	18.1618	17.5383
18.518	16.7657	17.2291	17.3413	16.941	30	17.2339
17.9351	17.8248	19.0777	22.4043	18.5121	20.0981	17.431
17.5013	17.9497	21.6541	17.9036	20.8962	18.1974	17.8174
17.363	15.5522	20.6283	17.2192	17.1778	17.2004	17.3211
17.0361	30	30	18.071	15.6162	15.8673	16.0003
13.9443	11.201	13.4452	15.0644	14.6381	12.4171	13.6112
16.2304	16.3725	20.3429	17.2444	17.1932	30	16.5547
16.8978	17.8562	17.8106	17.3262	17.6983	16.936	16.2515
13.7016	12.6528	15.0055	16.5277	15.6293	16.0811	16.2118
30	14.8141	18.1962	22.4958	18.5956	30	19.1148
15.9804	17.1069	18.4154	16.6375	17.8569	18.6179	18.8845
30	18.1105	21.2552	17.6792	16.4372	14.2718	14.6898
16.7635	15.5091	18.0483	16.3244	17.827	16.7903	16.6333
14.6718	16.2573	19.5752	15.8641	19.7611	14.7517	15.1598
30	30	30	16.795	19.1609	30	30
30	15.0133	18.1892	16.838	17.6966	15.7152	15.0773
30	18.156	21.4992	21.8385	16.3437	16.4476	16.5439
16.5293	16.105	23.6253	16.9755	17.1585	30	16.7925
30	30	30	16.3843	16.0447	30	15.5849
17.0265	30	30	24.9715	17.8081	16.8443	21.5224
21.3391	12.7993	15.3701	15.9157	15.4644	14.6606	15.7782
24.4705	16.6362	20.205	16.6614	17.8223	17.0886	15.8726
19.165	16.2628	17.8789	16.3129	15.7871	15.3698	15.9484
30	16.3387	30	30	18.1802	18.443	17.4128
17.1807	16.8146	18.9701	19.3519	16.8309	30	30
30	30	30	30	30	25.2527	30
19.3088	19.6326	21.5491	30	30	30	20.1735
23.6631	24.3148	30	30	30	30	30
30	23.5218	30	24.0732	25.9688	24.7463	25.2752
17.8412	15.1745	30	16.8546	16.6373	14.671	15.033
19.3163	17.1241	19.9715	19.1836	30	18.5113	30
17.2241	15.0509	18.9272	15.9141	16.0763	14.3209	14.6923
30	16.6146	18.6858	19.0889	18.2129	16.6634	15.3804
30	17.5878	21.1307	16.4109	18.3634	19.8548	20.479
30	30	30	16.6811	16.9195	17.4947	19.5779
30	30	30	21.1861	21.3116	16.93	15.0961
18.1944	15.7443	20.1991	16.3896	16.9267	17.6165	17.58
16.1527	17.8889	30	17.5372	24.2579	17.474	30

15.3986	12.8397	15.5266	15.0449	14.8974	14.0709	15.3125
17.8755	15.0182	17.0292	17.3247	18.3637	14.2588	14.4031
17.8398	16.1147	17.817	18.1119	21.7372	17.3114	16.9009
26.2567	30	30	17.6112	23.9599	16.8293	17.5419
30	15.6275	17.9595	18.5465	20.2272	23.7884	17.1159
16.8598	16.9154	18.6079	17.6331	17.5415	16.5388	16.8035
30	16.3626	18.0681	15.1569	13.7762	13.9473	14.134
17.4711	16.9729	21.165	30	15.9587	18.5133	16.6708
13.4249	15.4605	17.6339	17.7444	30	14.9241	14.0242
17.3331	15.6343	16.9277	18.6471	30	15.5137	30
16.3673	15.1639	18.5666	16.7032	17.2848	17.2227	30
18.6722	17.9505	19.1546	17.5466	16.8278	30	30
30	16.7993	19.5553	24.6645	23.7138	16.9371	16.318
18.2843	14.1948	15.6464	19.7876	18.3437	14.1131	14.6474
12.4193	18.2316	30	30	18.5463	17.4959	16.2891
13.5635	12.5706	14.9911	16.5752	17.6883	15.3359	16.956
30	17.6246	18.454	17.7449	17.2776	18.1164	16.3582
30	30	30	30	22.3398	16.7106	18.688
30	30	30	30	30	30	18.5982
20.1038	30	30	30	18.3779	17.4814	20.6735
24.258	24.4698	26.3445	26.5434	30	30	30
23.1485	30	27.7208	30	30	26.2782	26.3255
30	30	30	20.2762	17.3714	19.4252	18.1064
12.9317	15.6578	19.0646	15.704	16.5946	18.3856	16.5737
30	17.243	30	30	19.0943	16.0373	17.6423
16.3335	30	30	16.7951	15.9709	18.4001	30
16.425	18.0687	30	17.2754	16.823	17.4282	18.5651
17.1322	18.0376	30	17.0575	16.5758	30	18.6025
17.5998	11.3876	12.9087	13.4429	13.592	12.3419	12.7539
17.0481	30	30	17.0118	15.7997	30	18.2943
16.4985	14.8194	16.2513	17.6354	17.7027	17.4085	15.3709
21.0837	11.88	13.265	16.5363	14.5536	14.5724	14.3577
15.9788	26.0424	30	16.2479	16.0532	30	17.2755
13.8581	16.7021	18.1244	16.2889	16.5377	17.4986	18.6149
18.0496	14.5713	16.8416	17.8344	16.6468	14.8508	14.5873
17.6409	30	17.7913	18.8362	15.8411	28.2937	30
26.1846	11.7151	12.8871	14.9821	14.1406	13.8471	14.9453
16.538	30	30	17.458	15.0866	17.2429	17.7094
19.4756	13.656	14.7045	16.3205	15.8193	15.1205	15.576
30	18.2999	30	17.8253	17.7255	18.0494	18.4441
16.621	16.5346	30	17.1793	16.5654	16.5205	18.2318

25.7827	12.7787	14.2015	16.6351	15.064	13.9731	15.0171
19.059	17.5735	17.198	17.4705	16.2589	30	16.5522
17.6927	17.8193	20.9417	17.4277	15.1415	16.1643	16.3341
25.7282	18.2843	30	17.6015	17.0453	17.8093	16.8424
19.4677	12.9368	14.7806	17.4984	14.5641	15.0997	14.8287
20.2426	30	30	30	18.5939	16.1488	16.7755
30	30	30	19.1078	17.3949	30	16.5986
21.6659	30	30	16.093	16.491	16.5892	16.7839
23.426	24.095	30	15.6291	18.1738	16.3729	15.0086
18.4275	30	30	30	30	30	30
16.7693	30	19.318	19.3879	15.4075	18.2571	18.7638
17.0489	30	30	16.1495	16.1593	15.8519	15.8846

Ccnd1_A50	Ccnd1_A62	Cdkn1a_A74	Cdkn1a_A86	Cdx1_A03	Cdx1_A15	Chga_A27
30	28.419	15.4984	17.4198	20.943	21.8718	30
30	30	17.843	18.4265	20.6125	20.9716	30
30	24.7207	14.9564	16.0172	20.4851	30	18.5862
30	30	15.3164	15.5534	23.8956	18.7143	30
30	27.0413	15.8392	16.789	23.4754	30	18.7257
30	28.4887	15.5716	16.769	20.5615	19.1885	30
30	24.1481	15.2221	14.8457	18.423	17.1818	30
13.7791	11.1912	15.5836	15.6366	15.3388	13.7383	18.6065
30	30	17.3524	17.3915	20.0507	18.3542	30
19.0076	17.3881	16.7645	19.5812	20.9007	17.4349	18.6781
17.3225	16.0684	16.8989	17.6618	17.6819	16.7672	30
30	17.9226	15.1691	15.8353	30	20.443	30
30	23.1329	16.8892	16.1867	23.0607	30	19.1343
30	30	13.7996	14.3417	19.1948	16.15	30
30	24.309	14.8993	15.5727	20.8287	19.512	15.327
30	30	30	30	19.0649	17.4122	30
30	18.5465	17.0937	17.3375	20.2439	20.8559	30
30	17.0315	14.0924	14.0751	22.9603	17.9084	16.9564
30	30	17.7532	16.4728	24.2573	18.2986	30
30	22.3959	15.3416	16.3641	20.8811	18.3699	17.5075
30	30	16.8789	15.6377	20.2769	18.6146	15.6784
30	18.4732	15.5744	16.1698	20.1557	19.206	18.342
16.4012	14.6317	30	30	18.1496	17.2972	17.756
30	30	14.7041	14.3675	20.2378	17.9758	30
30	30	15.2947	15.071	19.3149	17.9838	30
30	26.346	15.8865	16.2716	24.3753	19.6751	30
30	30	16.6478	16.976	30	30	30
24.5399	30	18.4167	15.9925	30	21.1874	25.3488
30	30	17.6566	17.3358	25.2225	20.9375	30
30	30	20.5434	17.715	30	23.0878	30
25.0828	17.3993	19.6217	14.8805	30	22.8887	23.491
30	17.6215	15.2835	14.8056	20.7104	18.3658	30
30	30	15.0118	15.5692	24.0535	24.9458	18.8499
30	30	14.7585	14.6648	20.5425	17.6062	30
20.0621	17.1353	15.3701	15.3976	21.4419	19.9	30
30	30	16.4854	17.8588	20.9501	24.9146	30
30	24.3408	15.7034	16.7297	21.3038	19.1191	30
30	30	14.7133	19.228	23.075	19.0818	30
23.1537	16.9013	14.474	17.6629	22.6586	28.014	30
30	30	16.4274	17.6408	21.3779	21.3514	17.5966

16.3913	13.7184	30	19.0255	18.1095	16.7392	30
30	23.6741	14.9579	15.13	19.0518	17.1474	30
19.6998	17.2977	14.4582	15.319	22.8657	21.3061	30
30	30	16.5537	16.3467	22.1277	24.7862	30
30	30	14.6614	15.8335	21.8857	22.3878	30
30	30	15.7282	18.1869	21.6633	18.3209	30
22.5608	17.2271	14.0226	14.4755	19.0162	16.0647	30
30	30	14.3385	14.91	20.2285	17.9755	30
16.7411	13.0357	16.9592	17.4834	18.4477	16.7479	30
30	30	15.6527	17.2335	21.1908	19.5896	30
20.227	30	16.6417	17.7752	22.604	18.7316	30
30	30	16.1487	16.9692	24.121	20.2968	30
18.4839	15.7911	15.6899	16.3361	23.617	22.8031	30
30	25.7842	13.9473	14.6341	20.0624	18.0538	30
30	30	14.303	15.1384	19.1186	19.7198	30
19.3621	15.2868	16.9834	16.7097	19.8434	17.4774	30
30	23.3758	16.228	15.5848	22.2104	20.1294	30
30	25.0217	15.86	16.4516	21.773	21.4789	30
30	30	19.7934	19.8185	30	30	30
30	30	16.2165	15.3143	22.8778	27.8413	30
30	16.8619	30	23.2145	30	24.2325	30
30	21.3969	22.4793	19.4342	30	26.2667	30
30	30	13.5013	13.9122	20.9802	22.5075	30
30	22.7946	14.4065	14.925	18.1914	20.1257	30
30	28.8823	14.0264	14.9702	22.0337	21.9683	30
19.4636	27.4759	15.7263	16.78	22.4279	30	30
19.9626	30	15.0205	17.2581	20.0188	22.6339	30
30	22.5868	30	27.1797	30	23.7671	30
14.6114	12.0073	22.6495	30	15.2708	15.9043	30
30	24.9358	16.3883	16.8487	22.834	21.0198	30
30	21.7014	13.7021	15.6678	19.5589	23.4431	30
15.5888	12.7478	18.1374	20.9443	16.8846	17.6212	30
30	25.6582	15.953	16.8016	23.3435	23.9278	30
30	16.3231	16.9831	16.9119	19.638	19.4085	30
17.628	16.162	15.676	16.0447	17.453	17.5338	30
30	30	30	27.6412	30	30	30
14.6522	12.0068	19.124	24.808	16.6418	16.8073	30
30	30	17.418	17.0772	22.725	21.5203	30
19.3129	16.6809	30	20.9682	17.369	18.3806	30
30	17.9661	15.5182	17.026	21.2068	23.1965	30
30	24.0483	16.1829	19.0094	25.4062	23.2228	15.5032

16.4857	13.3474	30	30	17.6123	19.0467	30
30	24.8857	15.4134	16.1901	17.9284	19.0889	7.48831
30	24.2023	14.567	16.0934	18.3847	19.0925	26.4565
30	30	17.4418	18.4332	21.4697	30	30
16.7611	14.2472	17.6917	17.1687	16.8279	18.8002	30
30	27.7222	16.2221	16.466	21.2357	30	18.8513
30	30	17.2062	30	24.8942	22.223	30
30	19.0985	13.9614	14.66	18.0967	19.9068	30
30	30	13.1849	13.8894	19.5882	24.1312	7.38562
30	30	27.7574	19.8689	30	30	30
30	28.0943	16.8093	17.0903	19.821	24.6555	30
30	23.6307	14.1407	14.8459	21.318	22.2287	30

Chga_A39	Cubn_A51	Cubn_A63	Dll4_A75	Dll4_A87	Dvl2_A04	Dvl2_A16
18.0647	14.4539	12.3677	30	18.873	19.2824	30
30	13.9393	12.8679	18.8796	16.9073	30	30
30	14.9743	14.8498	30	30	30	30
30	16.9225	18.4715	30	30	21.8675	30
30	13.6785	11.6812	30	30	24.0842	16.9745
30	15.2546	14.7329	30	30	17.4606	18.164
30	17.0371	16.4083	17.8387	18.0229	19.1032	17.0079
17.1593	30	18.2899	14.4545	14.3471	16.2207	15.8481
30	15.6873	16.5879	18.5881	30	30	30
18.022	18.406	30	30	30	30	20.6775
30	30	30	17.2826	16.3008	17.1438	18.7838
19.0463	14.5054	14.5412	30	18.1598	18.5747	30
30	30	16.1091	30	30	17.3338	21.7713
30	17.4193	30	18.7591	18.4415	20.2252	16.9468
30	14.613	15.0191	30	30	22.0378	18.4063
30	30	30	17.5649	16.3674	18.7718	30
30	15.0158	13.9772	30	30	30	30
30	12.2738	12.8442	17.5269	16.3743	30	30
30	15.3866	13.4591	19.0312	19.1658	21.5375	16.7951
30	14.4092	13.0956	17.7724	19.9377	30	30
30	13.8462	13.5855	18.091	18.1273	30	24.2291
30	14.5834	14.9938	17.9093	19.9484	19.1066	16.7416
17.5185	18.5297	30	17.5972	19.1204	19.9686	23.112
30	13.8731	13.4051	30	16.7874	30	18.6343
30	13.8223	13.3454	18.0956	30	30	30
24.4395	14.5663	13.7042	30	30	23.5561	30
30	19.9582	30	30	30	30	23.421
30	18.4967	19.8573	20.0652	30	30	30
30	16.506	18.0535	30	20.3138	30	30
30	18.2092	17.5374	30	25.216	24.8396	25.8523
30	14.9144	16.2958	18.9247	24.2638	24.2207	17.9102
30	18.6506	18.5656	18.7865	19.1251	17.3763	17.4254
30	16.846	15.8794	30	30	18.0072	30
30	13.0083	12.5117	30	24.6992	20.6559	18.0788
19.3932	16.3667	18.4464	18.7273	30	30	16.3771
30	30	30	17.6314	17.9698	18.8084	23.6749
30	12.924	12.8954	30	19.0549	30	30
30	14.5645	13.2329	30	30	17.7979	16.9016
30	15.104	17.1412	30	30	17.6288	30
30	14.7998	15.6639	30	18.5928	30	17.8468

30	30	18.4537	30	30	18.718	30
30	11.3051	11.5382	16.3679	16.7386	30	17.1192
30	13.4336	12.7505	16.5195	18.0827	30	30
17.6446	18.7551	18.5074	30	30	30	17.5541
30	14.6728	15.0018	30	30	21.3733	30
30	14.2009	12.4368	30	18.4243	17.6085	22.8734
30	12.7032	11.4889	17.5907	16.9438	17.72	17.6754
30	14.9137	15.3984	18.92	30	19.2248	18.3308
30	18.7371	30	18.9713	19.1779	19.6046	16.1602
30	16.0756	14.183	30	25.3337	30	17.9949
30	15.2784	14.9479	30	30	18.5908	17.9091
30	14.9715	14.2317	17.9946	30	16.9879	16.0699
30	30	16.3071	18.859	19.0315	18.5522	23.6196
30	13.7632	14.6848	30	30	21.5432	17.7034
30	30	30	17.9837	17.3124	30	17.6758
30	18.6747	30	30	19.4314	30	17.4103
30	15.2037	13.9512	17.9487	17.8787	18.6696	18.8847
30	30	17.6469	30	30	21.6838	17.5621
30	30	30	30	30	30	30
30	14.3981	13.9722	19.2768	30	24.5993	30
30	30	30	19.825	30	30	18.5571
30	21.4523	22.5569	21.7822	26.4352	30	30
30	30	30	18.4442	30	30	30
30	30	30	30	16.0767	15.7656	15.9364
30	30	13.0689	13.0162	30	30	20.8167
30	30	30	30	18.457	30	30
30	17.6758	15.4693	14.6821	16.4302	17.9552	30
22.336	30	18.7974	25.2228	30	30	16.9702
30	15.2473	30	26.0862	17.5591	17.4263	16.7397
30	18.69	30	30	17.8981	19.1168	17.2801
30	30	14.929	12.9152	18.1547	20.0694	22.5896
30	16.5269	26.8088	26.7319	17.942	20.9749	16.1644
30	17.6231	30	28.2053	18.6142	18.1867	18.689
30	19.3603	30	30	16.6924	17.1658	18.7242
30	23.1615	30	30	30	30	17.6877
30	17.4088	30	30	30	30	17.4035
19.7409	16.4477	30	30	17.4472	18.2876	18.7375
30	30	17.778	30	30	19.3867	16.4397
30	18.2346	30	30	30	30	30
30	24.1608	30	30	30	30	30
30	17.7793	18.7531	18.4491	30	30	17.4016

30	19.2607	30	30	30	30	18.0366
8.17044	30	30	30	30	16.9863	16.8889
30	30	17.7477	30	24.1437	30	20.7274
30	26.9807	18.5216	15.2782	17.7398	30	30
30	18.3466	30	30	30	30	16.3002
30	30	15.9171	16.9816	18.2264	17.6008	30
30	22.0281	30	30	30	30	30
30	30	30	23.301	30	30	18.4054
7.26587	30	18.9495	30	15.406	15.1981	30
30	30	30	30	30	30	30
30	17.7787	30	30	17.5383	19.4943	19.6412
30	18.5884	15.3335	18.6778	18.7306	30	17.0816

Efnb1_A28	Efnb1_A40	Epas1_A52	Epas1_A64	Ephb2_A76	Ephb2_A88	Ereg_A05
18.2305	19.9465	17.9761	17.2567	16.8485	30	30
16.4037	18.1462	16.3532	16.4395	17.5991	19.6077	30
17.8908	17.563	15.5078	17.6948	16.0988	30	30
16.6009	18.4385	16.4311	17.7938	22.8905	30	30
16.6164	16.551	16.959	18.6211	22.8211	30	30
30	18.7631	17.8013	30	15.6236	30	30
13.986	14.5539	19.0986	19.0273	25.7859	30	30
12.6805	13.964	17.1118	16.8542	12.0385	13.7316	30
15.6457	17.5705	16.1992	15.6204	21.6201	30	30
16.7452	17.4897	30	30	19.739	30	30
16.8193	16.6562	17.9722	30	15.4491	17.2744	30
16.82	30	17.4099	30	24.0146	30	30
17.1737	16.6189	18.9195	30	20.1397	30	30
15.4758	17.3667	14.8586	13.7543	14.6713	30	30
15.4543	17.013	16.9847	16.7487	21.6461	30	30
30	17.641	16.8309	18.9348	14.8942	18.0284	30
15.7274	15.9205	18.4806	19.9369	15.8613	30	30
14.3165	14.6545	18.0647	15.6081	14.1681	30	17.8214
15.3408	16.6501	18.8469	18.7246	15.6259	30	30
16.6116	16.2217	17.7058	18.7004	18.2377	30	30
14.6826	15.6241	18.1499	18.898	16.4268	30	30
30	30	17.2068	22.7674	13.6789	30	30
15.2576	15.5799	17.3825	16.5787	13.1201	15.2408	30
14.5985	15.3283	15.4941	15.2398	21.3324	30	30
13.8095	14.9978	14.8961	15.6679	14.806	30	30
16.636	18.3173	17.8122	30	15.8554	30	30
15.6674	14.9728	18.1674	18.8256	30	20.0382	30
16.3803	30	16.5751	21.2562	18.0247	30	30
17.966	23.639	30	18.2576	17.0601	30	30
18.8219	22.0508	30	22.908	14.5873	30	30
15.2512	20.3965	16.6766	21.7823	14.9475	30	30
14.2992	15.1085	14.5651	14.1321	16.9354	21.3116	30
16.0259	16.426	19.3654	17.9931	16.9019	18.8926	30
15.1625	16.5858	14.8215	15.0794	15.508	19.1145	30
15.9056	16.3937	16.4174	17.2688	16.578	30	30
18.3251	30	16.7014	18.1191	15.5707	25.1816	30
15.1633	17.4024	16.0496	17.7099	17.006	20.0481	30
15.6492	15.8782	17.3327	30	15.4955	30	30
16.8596	17.5466	17.3015	16.8827	15.4331	30	30
21.344	17.3507	18.0641	17.6596	15.4359	30	30

16.786	16.9387	20.0043	18.6661	13.056	15.7212	30
13.8736	15.3249	15.0235	14.9515	16.1363	28.2174	30
16.4119	30	30	17.6618	15.2944	30	30
17.2697	18.3942	18.4067	30	13.7902	30	30
15.9546	15.6353	17.5214	19.9733	15.6894	30	30
16.6108	17.8244	16.6659	18.5455	16.0418	30	30
13.4134	15.4829	16.3275	15.2788	16.7156	18.5579	30
15.7964	16.7861	30	30	17.3576	30	17.1804
16.8071	15.1821	16.0756	16.685	14.314	18.2152	30
16.4458	18.9368	17.4512	30	15.8217	30	30
17.0289	15.9713	16.4024	18.2636	16.2621	19.8818	30
15.6383	18.8692	17.5863	17.2282	14.7641	30	30
15.1199	19.2137	30	30	17.2489	30	30
14.9958	15.9247	16.3141	16.0031	15.117	30	30
15.5835	15.7894	17.0424	17.3856	14.3175	19.967	30
17.1856	17.1785	17.7769	19.051	15.5899	17.9594	30
16.6023	17.3932	18.5722	17.5208	16.2595	30	30
18.2324	18.5878	19.3758	18.8169	30	30	30
16.643	19.9656	30	30	17.3566	30	30
15.1648	17.5849	20.2513	30	14.9106	30	30
18.3536	26.1378	30	30	18.249	17.6645	30
20.6377	30	17.6865	25.0495	27.5906	30	30
30	15.3321	14.9894	18.0591	16.8608	24.8437	30
16.9501	18.567	17.3787	21.6956	19.5657	17.2002	19.2439
25.682	17.4838	15.8692	15.8936	15.3821	17.8161	30
16.5944	30	16.7507	18.3874	17.8411	16.5397	30
17.7452	16.6782	15.1155	16.7978	16.6485	23.3648	21.0117
16.792	18.3807	30	30	30	16.2633	18.7785
16.5309	14.021	15.2833	19.352	18.9154	12.7746	14.6277
18.42	17.3241	16.1752	19.6397	30	17.1554	27.3479
17.0635	15.8305	14.9873	16.5368	17.6397	28.4293	30
16.9798	15.1405	15.6783	18.45	17.3112	14.2408	15.8924
20.8228	16.4749	15.2943	18.8483	20.4953	16.3539	30
18.8471	16.0674	16.6534	17.8292	25.6173	17.3897	18.893
17.7455	14.211	14.9169	15.9425	16.156	13.2663	20.6588
18.7038	18.402	23.0621	30	30	14.9651	30
16.4229	15.0264	15.5183	17.7022	30	12.5966	15.5411
15.5096	15.8427	15.6851	17.8757	18.0707	23.8061	30
16.9078	16.7107	17.8203	16.9654	18.0978	15.728	17.3012
30	16.3843	16.5079	30	18.6273	25.0153	30
15.9991	17.1086	15.769	18.3765	22.7694	18.3429	30

18.5129	15.2467	16.2954	18.4665	17.6828	14.7142	16.6519
30	14.9766	15.6159	30	30	19.2089	30
17.2419	15.558	14.8212	16.9812	16.7607	16.6199	30
30	17.8343	17.317	18.0668	17.5304	19.0796	20.7076
17.4545	15.4543	16.8117	30	30	14.6458	17.9714
18.6106	16.5242	17.3375	17.2473	30	18.1807	20.4682
18.432	19.3317	18.8362	19.3551	30	23.0796	30
15.7852	15.4409	15.2957	17.8696	30	14.7779	17.7965
17.0363	16.6691	15.601	30	27.5891	26.2742	30
30	30	30	30	30	19.9314	30
17.8081	18.4297	16.8959	16.7352	17.177	20.3209	30
16.0279	14.6506	14.9373	17.0815	17.4606	18.1481	30

Ereg_A17	Fut2_A29	Fut2_A41	Gapdh_A53	Gapdh_A65	Gsk3b_A77	Gsk3b_A89
30	30	30	11.1998	11.1514	17.1767	18.0409
30	30	30	10.7662	10.775	16.1103	16.7996
30	30	30	10.7225	10.7336	15.9823	17.1765
30	30	17.4314	10.5561	10.6418	18.6186	19.0185
30	30	19.2872	10.7734	10.7611	18.3403	30
30	30	17.3318	11.8267	11.8067	30	17.9936
30	30	19.2872	9.01425	8.95993	15.7181	15.1328
30	30	30	8.3401	8.2624	13.6101	13.3753
30	30	17.1605	10.7543	10.3625	18.0646	16.5167
30	30	18.3024	11.8821	11.8058	17.3078	19.9404
30	30	24.534	11.2834	11.256	14.8027	19.1986
30	30	16.9161	11.6634	11.5535	18.2761	18.913
30	30	17.1215	10.9418	10.9528	30	16.7225
30	30	30	8.55331	8.54529	16.7888	15.5618
30	18.7818	16.8715	10.5851	10.5535	14.2233	17.2856
30	30	30	12.4092	13.0322	16.4129	15.9435
30	30	18.9527	12.0186	12.2593	18.565	16.8468
30	30	20.3503	9.4919	9.82128	15.642	16.1602
30	30	18.3454	10.9314	11.1326	30	17.1949
30	30	30	11.1923	11.3713	30	16.6544
30	30	23.925	10.3454	10.4619	16.774	17.6879
30	30	21.9904	10.2058	10.5273	19.1677	16.4275
30	30	18.8684	10.3548	10.5326	14.6784	14.3323
30	30	26.4652	8.64743	8.75629	14.7954	15.1816
30	30	20.031	8.32517	8.59404	15.6236	14.7607
30	30	17.9923	12.3308	12.3106	17.4269	17.1601
30	30	30	11.9553	12.096	16.9089	17.3839
30	30	20.3762	10.7853	10.7981	18.5144	18.7982
30	30	17.6928	12.396	12.479	18.6885	17.3598
30	30	21.6271	12.7137	12.7658	15.4961	18.9348
30	30	25.1937	10.9855	11.1982	17.5522	17.5627
30	30	24.0628	8.59199	8.5366	15.5395	15.3249
30	30	18.1694	11.1646	11.1197	17.2652	16.1749
30	18.5781	30	8.53594	8.48	14.0635	15.1223
30	30	19.0252	9.89617	9.88193	18.2184	16.2093
30	30	19.3123	11.5932	11.585	17.3508	16.206
30	30	17.8358	10.3683	10.3902	17.2035	17.2391
30	30	17.0187	10.9326	10.9346	15.6524	16.08
30	30	15.5553	11.1135	11.0455	14.9979	16.1378
30	30	17.6459	10.9466	10.938	30	17.5328

30	30	18.6743	9.68715	9.64297	15.0409	15.3259
30	30	18.4157	8.41247	8.39522	15.3654	14.9855
30	30	30	11.2736	11.2274	17.568	15.8811
30	30	23.1741	10.4124	10.3309	16.2034	19.4653
30	30	17.7832	10.4722	10.4029	17.3989	16.1359
30	30	20.342	9.86204	9.79035	30	30
30	30	17.3923	8.93376	8.90064	14.6057	14.5271
17.7075	30	18.2532	10.0216	10.166	16.3309	16.5709
30	30	16.4024	10.3616	10.5912	14.7505	16.2776
30	30	25.1693	11.2289	11.3382	19.3783	17.513
30	30	18.1436	11.3592	11.4437	17.5135	17.7385
30	30	21.1674	11.1096	11.2195	16.9982	16.6639
30	30	18.0311	11.0732	11.187	16.5805	30
30	30	17.9689	9.22757	9.3857	15.0182	15.1004
30	30	30	11.4146	11.5347	18.1669	16.4806
30	30	19.3397	11.3865	11.4316	17.3034	17.1076
30	30	17.5209	10.3332	10.4065	18.5541	15.9689
30	30	30	11.2445	11.2362	17.3795	18.6743
30	30	30	13.2725	13.3088	30	30
30	30	17.4892	11.6986	11.693	17.7203	17.7654
30	30	30	13.2128	13.25	21.2457	22.5254
30	30	24.5457	13.8487	13.9053	20.7845	22.167
30	30	30	18.3627	10.5984	10.6043	16.4649
30	30	30	18.3602	11.9861	11.9628	15.9503
30	30	30	17.8577	10.3951	10.3919	15.0273
30	30	30	16.1679	11.0543	11.0401	26.61
30	30	30	16.4417	10.5194	10.5071	16.1612
30	30	30	18.5173	12.0221	11.9509	16.8491
30	30	30	16.44	8.89469	8.89095	13.3488
30	30	30	16.7653	11.307	11.2913	30
30	30	30	26.8203	10.5838	10.5361	15.7969
30	28.3806	30	21.767	10.3634	10.3521	14.2128
26.9781	28.5323	30	18.2204	10.6676	10.6492	18.1315
30	30	30	30	12.4634	12.4534	17.1915
30	30	30	30	10.0305	9.99766	15.5918
30	30	30	16.7347	11.9882	11.9582	16.8421
30	30	30	20.5135	10.1416	10.1332	14.1361
30	30	30	16.2871	10.6624	10.7969	18.7945
30	30	30	16.3823	11.2315	11.3663	15.7114
30	30	30	30	10.8908	11.0402	15.1256
30	30	30	30	11.2587	11.4666	30

30	30	30	19.6934	10.7389	10.8814	14.9791
30	30	30	19.1804	11.6188	11.718	22.8227
30	30	30	17.2606	9.82061	9.9736	16.3136
30	30	30	30	11.0664	11.2504	30
30	30	30	17.5214	10.9278	11.0095	14.1366
30	30	30	19.0051	10.9833	11.097	15.8097
30	30	30	30	12.1351	12.2378	17.4624
30	30	15.1535	14.4539	10.1565	10.3074	16.9893
30	30	30	30	12.1417	12.2533	30
26.7587	30	30	17.2232	13.5186	13.6274	30
30	30	30	17.0175	10.9173	11.0237	18.8799
30	30	30	16.6562	11.0424	11.1441	16.0369

Gusb_A06	Gusb_A18	H6pd_A30	H6pd_A42	Hes1_A54	Hes1_A66	Hes5_A78
30	30	19.8453	19.3508	16.3026	18.6206	30
17.4645	20.1455	30	30	30	23.3985	23.3898
30	17.6799	20.1344	19.3541	30	19.604	26.61
30	17.2366	21.6495	17.6274	30	30	30
19.039	17.5607	30	22.607	30	30	30
30	30	19.5679	22.7811	18.7571	18.2938	30
30	17.2158	19.5206	16.15	17.784	18.29	30
13.9558	13.1356	18.1569	16.5068	14.4706	12.3847	21.8944
30	18.1994	30	30	17.9828	17.0474	20.7146
30	30	30	21.2804	30	18.4957	21.9702
18.2205	16.3988	30	21.3977	17.7954	18.898	30
30	30	30	21.3047	30	30	30
30	17.6107	30	20.4054	20.7501	21.6794	21.2569
30	16.9414	18.5077	18.6699	18.7579	15.8626	22.7157
30	30	20.9146	18.4547	17.5014	17.8021	20.7095
19.171	16.4269	30	19.287	18.5	18.5937	23.0689
30	30	30	19.1918	18.4097	20.1931	25.8346
18.9275	18.5939	19.3997	18.3616	19.0622	30	25.9222
30	16.3183	30	21.78	30	30	20.6938
30	17.1101	19.1796	30	30	30	30
30	30	30	30	30	18.0959	20.4372
30	30	18.2852	17.6073	18.8643	18.6525	30
15.8794	15.38	20.3571	20.2159	14.9545	13.3362	30
30	22.1302	17.3359	17.4771	18.1024	17.2377	30
30	30	23.9593	19.5481	30	30	30
30	30	30	20.5505	19.3344	30	30
30	18.6392	30	30	21.2011	17.5896	20.1061
19.5345	30	30	27.2533	23.8671	30	30
19.5734	30	30	19.3362	21.4242	19.2754	30
30	30	30	30	24.1134	30	21.7278
17.2864	18.291	18.3191	21.9123	30	30	21.5963
30	17.2587	18.4247	18.1711	18.8554	16.3209	27.6938
30	18.2828	18.404	30	30	19.9748	20.1731
30	30	18.2782	16.1682	19.8445	16.5718	30
19.1772	17.6789	17.8511	18.7055	19.9849	17.4535	30
30	30	30	17.8028	30	30	30
30	24.0556	30	22.2581	19.9635	18.8909	21.3449
30	18.5041	19.5848	19.1317	30	22.6071	24.9571
30	30	30	26.46	19.7466	19.0901	30
30	30	20.0213	22.4598	30	19.7755	30

15.9801	15.2135	19.7081	17.7837	17.0461	14.8304	30
30	30	18.5898	17.2791	18.5827	16.1533	30
26.533	20.6657	18.9192	17.4916	17.6053	20.7214	30
19.3652	30	30	26.4021	30	19.2715	30
18.2734	19.0903	30	30	30	19.8412	21.6826
30	18.0737	30	18.5832	20.2285	16.6078	30
19.2127	16.8818	18.2929	17.6772	30	22.9604	23.8893
30	30	18.9105	30	23.7047	18.5291	30
17.6715	16.1826	18.0006	18.1063	17.8611	15.9932	22.4789
30	30	18.4923	30	20.6457	18.5155	21.7618
17.9302	25.3081	30	30	30	30	30
30	17.009	17.3688	18.277	30	19.7631	30
30	18.9579	30	19.4609	30	30	21.5968
30	17.3136	30	30	20.3792	17.7357	20.663
30	25.2573	30	27.1139	17.5705	19.0065	20.839
17.7605	17.4829	30	30	18.4609	30	22.8163
30	20.1207	30	19.6214	30	30	21.5151
30	19.2587	18.464	18.5045	19.3903	24.2594	30
30	30	30	26.2927	30	30	30
30	30	30	19.5538	30	30	30
17.3321	18.8698	26.4059	30	25.127	30	25.8548
20.5111	20.52	23.4289	23.8788	30	30	26.8845
17.7828	21.4481	30	30	17.7191	21.2741	18.9407
17.058	19.2335	17.1183	23.624	17.5089	18.1999	17.4748
15.6024	30	21.8346	19.1729	27.6331	30	30
17.1667	30	18.9823	30	18.3276	30	17.9067
16.0569	30	18.6791	30	17.8453	18.2247	17.1918
15.7805	19.3629	16.9354	20.0893	17.8195	17.9677	30
12.4885	15.8895	14.1985	19.2743	16.8068	13.4307	12.1142
16.1054	30	17.5185	30	19.1418	30	21.462
16.6119	30	30	30	17.7684	18.6302	16.6565
14.4148	17.1676	16.251	30	19.3493	16.551	15.5584
17.5184	19.3316	17.736	30	18.0163	19.1274	30
18.725	18.1239	19.911	18.6498	17.1273	17.9679	17.3245
14.5713	19.0594	18.6856	18.6436	16.2658	16.1033	14.8115
18.3661	18.0621	18.9012	20.7268	18.6154	26.4203	30
13.4219	16.8092	15.8323	18.1984	17.022	15.8972	14.3843
15.7225	30	16.2796	23.2686	19.6536	30	21.3412
16.2215	18.9807	16.4782	19.6042	17.9873	16.8639	15.4657
14.7785	30	17.6053	30	17.0819	18.373	23.4444
16.3833	25.1708	17.18	19.8171	19.1097	30	30

14.0183	16.2444	16.0312	22.8433	20.0281	15.406	14.1801
17.8071	30	18.2209	19.8306	16.0482	30	30
16.7194	19.1991	16.9658	20.0291	16.7207	19.6913	20.4875
18.6307	26.6056	19.458	20.3154	18.1413	17.0348	17.0126
14.7992	30	18.4751	30	20.0107	13.6457	12.2032
16.6218	30	17.4897	30	18.3936	30	30
17.3109	26.3034	30	30	17.5753	18.9927	18.3034
16.6763	30	18.4451	21.5076	18.0229	30	30
30	18.1778	30	30	20.3999	16.9959	15.2009
30	30	30	30	22.1398	30	30
17.6687	30	17.7135	30	20.8529	30	20.1537
16.3421	19.0318	16.9595	30	18.2012	30	21.645

Hes5_A90	Hif1a_A07	Hif1a_A19	Hopx_A31	Hopx_A43	Jag1_A55	Jag1_A67
30	30	30	16.0433	15.8399	21.9632	30
20.7037	30	30	18.0434	17.7079	24.0718	30
25.4087	18.3036	17.4061	26.4962	26.0832	27.3188	30
30	18.2765	16.5669	17.7136	17.6771	19.8966	18.1507
19.8635	30	30	16.5129	16.4516	22.4731	30
30	16.6509	17.3628	30	30	22.5793	18.102
30	16.1338	16.1139	17.1461	17.2622	21.6304	17.6748
27.8542	13.4952	12.964	11.1048	11.0877	16.6498	15.0641
22.0427	30	30	18.2729	17.9361	19.3837	30
30	30	17.4789	16.8385	16.5899	23.3087	30
30	17.1496	15.232	13.6453	13.5936	17.9668	17.581
30	18.691	30	30	30	21.6451	30
21.5035	17.789	30	30	30	24.1584	30
21.579	15.4454	14.1553	19.0233	18.8848	19.7767	18.7754
21.6211	17.0668	16.7472	30	30	20.3812	30
21.8031	16.3283	18.2416	14.0063	13.8162	20.3416	30
26.4303	30	30	17.6598	17.71	23.6468	30
23.1613	15.1556	15.3248	16.4376	16.3929	17.6042	17.9995
21.4002	17.138	30	21.7682	21.7684	22.1186	30
20.8058	30	17.4217	18.7335	18.8075	23.0374	30
22.0316	18.1332	15.3954	25.4652	30	21.2884	30
30	17.0008	30	16.1952	16.3127	24.4183	30
30	17.1702	16.1119	12.6427	12.5894	21.1123	17.2099
30	15.2159	14.0785	16.1817	16.2434	22.3203	18.2828
30	14.2677	13.6098	14.4762	14.6745	17.1114	15.0235
26.2655	30	30	18.9505	19.3429	20.9678	30
20.9905	17.3883	30	26.9086	30	24.1957	30
24.0648	30	30	17.1512	17.3095	22.1264	30
30	17.6411	30	18.7961	18.8775	20.5735	18.2549
24.8402	30	30	18.6295	18.6602	23.9777	30
26.84	21.2436	25.0511	17.7264	17.6784	21.783	30
22.2572	16.3709	16.0189	15.3192	15.3001	22.4961	30
23.5675	30	18.0652	18.4466	18.4496	20.2316	30
30	14.5907	13.7927	14.4898	14.5895	20.4847	30
30	17.9987	17.8014	15.4912	15.4888	19.4997	19.0944
30	18.3619	17.7757	18.2195	18.0586	19.9093	30
24.8009	17.5753	30	18.2696	18.2401	18.4615	22.1907
30	30	30	30	30	20.4059	30
30	20.298	17.6462	30	30	18.8383	30
30	30	30	18.1757	18.1047	19.7629	30

30	14.5876	14.8841	12.8013	12.7476	16.8545	15.965
30	16.1999	15.6454	15.0085	14.9443	17.4192	16.5807
30	18.3958	30	16.2362	16.1888	22.1959	30
24.9039	16.52	16.9357	30	30	22.349	24.8166
23.4349	17.6294	30	17.1651	17.1384	22.6994	30
30	16.0752	17.5553	17.4406	17.5647	18.3738	30
23.1701	15.1493	13.9069	15.7292	15.7422	18.391	17.135
21.8168	17.2547	15.4345	16.1815	16.3023	24.7049	30
24.6583	14.4032	15.6577	13.6768	13.8542	24.4264	30
21.561	17.991	30	18.9173	18.8663	17.8729	30
24.6791	30	30	16.6957	16.835	20.3209	24.5368
22.0048	17.5405	17.7288	16.941	17.251	24.0141	18.5254
22.0107	30	16.5404	17.3239	17.3233	22.9263	18.6223
23.5291	15.8173	17.4249	16.774	16.9842	18.5126	30
23.7731	30	20.4809	17.1821	17.2818	22.2644	30
30	18.3354	17.7013	13.036	13.1586	17.9434	30
21.7087	18.5997	19.7341	21.9407	22.2203	21.6866	17.4606
22.4822	16.6327	30	18.9408	18.8579	21.6385	30
30	30	30	18.0533	18.1435	30	30
21.9538	16.1906	18.5155	26.1523	27.3906	23.8886	30
30	26.5485	30	17.9753	18.1654	25.2381	30
27.8808	30	30	20.1317	20.311	23.7356	30
20.9791	22.5308	17.506	15.207	19.5361	19.2485	23.772
30	30	17.8659	17.2315	13.7124	13.6326	25.2353
30	30	15.687	16.2588	16.9711	16.9483	22.0996
20.013	21.9632	30	30	19.4845	19.3424	22.4794
21.7998	20.4111	19.2225	16.647	17.2995	17.2151	23.8055
30	30	30	30	16.2327	16.2828	21.7803
21.8853	23.1784	14.4276	13.5356	12.2408	12.1461	17.7856
20.833	30	17.671	30	17.1769	17.118	22.6577
21.048	30	30	17.935	17.3888	17.3421	18.8583
30	30	15.0433	15.4133	13.2548	13.1714	17.1859
20.7378	21.23	16.2059	16.2983	30	30	21.2691
30	30	18.2961	30	14.3639	14.3173	22.7943
30	30	17.2786	16.1964	17.7701	17.6542	16.869
24.8183	30	16.7977	17.8434	15.4496	15.341	22.4766
23.103	21.9233	16.3222	15.632	12.94	12.8534	19.0509
22.0393	22.1362	18.2355	17.763	30	30	20.4052
30	30	16.6031	15.366	13.9524	13.8948	19.7482
30	30	17.607	17.4468	19.469	19.5631	19.8337
21.6573	21.5545	15.9959	16.4332	30	30	24.5838

30	30	15.7039	14.931	13.7176	13.7223	23.8501
23.1146	23.688	30	17.4144	12.473	12.5118	25.2778
21.7077	22.2901	17.7987	16.6294	19.0294	19.3931	16.5957
27.7411	30	17.318	30	19.0928	19.0379	22.9098
30	30	14.9662	13.9975	14.282	14.2478	17.1225
28.2973	30	18.0478	15.9884	16.0476	16.0049	19.5139
30	30	15.9368	30	30	27.2811	26.2035
30	21.254	15.0255	13.7122	13.9137	13.8687	21.97
30	30	13.4829	15.7417	13.7777	13.7278	17.202
22.5986	20.8614	30	30	30	30	24.9037
21.5949	30	30	16.8931	18.9786	19.0735	21.2528
23.8826	22.0272	17.1794	17.56	30	30	24.5591

Lgr5_A79	Lgr5_A91	Lrig1_A08	Lrig1_A20	Lyz2_A32	Lyz2_A44	Msi1_A56
30	30	30	30	22.4392	20.8554	30
27.4457	30	18.4085	30	23.9115	19.2985	30
30	30	30	30	21.0828	21.6813	30
30	30	18.9155	22.197	22.6736	17.7907	30
30	30	30	25.6387	22.2548	18.9904	30
27.3978	30	30	21.7516	19.8535	21.0245	30
30	30	19.2631	23.0258	22.5093	17.7099	30
14.6822	15.5653	13.3716	12.6736	20.9725	16.1348	12.7425
30	17.9348	30	30	21.9037	17.4584	30
30	30	30	19.8691	22.4201	30	30
13.4205	14.3658	15.1911	14.5541	13.6101	12.0969	14.6684
30	30	30	30	23.1022	17.4281	30
30	30	30	30	22.3215	24.5315	19.6489
30	30	17.5263	18.4855	22.4154	30	30
30	30	30	30	23.2413	18.9966	30
30	19.1648	15.7202	16.7297	12.1853	11.2639	16.5839
30	30	30	30	22.7103	17.2342	30
30	30	30	30	21.3956	18.3508	30
30	30	19.6545	30	22.8024	17.6775	30
30	30	30	30	19.8926	17.9424	30
30	30	30	30	23.3844	18.2276	30
17.2952	20.2429	30	26.8048	21.3248	21.0952	30
14.4336	16.2464	13.5456	14.4778	21.2635	17.3073	14.033
30	30	18.9331	17.4465	23.4233	19.0183	30
30	30	30	30	22.1092	30	30
30	30	30	30	24.0431	18.161	30
30	30	30	18.4338	21.7154	26.6746	30
30	30	30	22.2137	30	18.6608	30
30	30	30	30	24.9124	18.9132	30
30	30	30	30	27.2905	19.2117	30
30	27.8182	30	22.3683	25.8673	30	30
30	30	30	18.6567	23.0342	17.6716	30
30	30	30	30	20.9525	18.9404	30
30	30	30	30	21.8402	25.0624	30
30	30	17.6812	30	22.1815	22.7546	30
30	30	30	18.6321	20.7165	21.4014	30
30	30	22.2834	30	21.0838	18.465	30
30	30	17.3622	24.7656	21.7696	17.8221	30
26.5516	30	30	30	19.6179	18.32	30
30	30	19.3618	30	22.4169	17.9382	30

17.2927	18.8103	16.3163	15.0399	23.2597	17.9315	14.8005
30	30	17.3099	18.0926	20.5252	17.4281	30
30	30	30	30	21.381	21.0473	30
30	30	18.4678	30	20.4221	20.9116	30
30	30	30	22.1579	22.9354	18.3271	30
27.5222	30	30	17.3273	21.7198	25.4844	30
16.2896	30	17.6717	18.2372	20.6743	18.0751	30
30	30	30	30	21.3338	19.0041	30
30	30	18.4404	16.9058	19.3916	17.1023	30
30	30	30	30	20.6911	18.7103	30
30	30	30	30	21.5662	18.2043	30
30	30	30	18.1858	19.9247	17.6824	30
30	30	30	24.3163	21.9072	19.1263	30
30	30	30	26.9793	19.9528	18.2941	30
30	30	18.346	30	20.9905	18.1913	30
14.2483	14.2419	14.745	14.6638	12.6692	11.8925	14.4644
30	30	30	30	20.5613	17.8952	30
30	30	30	30	22.794	18.7389	30
30	30	30	30	23.1602	30	30
30	30	30	30	24.1087	22.4166	30
20.6057	18.4427	30	22.8099	30	19.27	17.6319
30	30	30	30	25.9054	25.8201	30
30	30	30	30	30	21.8913	18.8503
18.5508	30	30	15.156	15.9072	13.6684	13.3315
30	30	30	30	30	21.5525	19.784
30	30	30	26.4612	30	22.5069	16.9151
30	30	30	30	23.9613	20.3805	16.7654
30	30	30	30	22.1347	20.1342	18.0406
15.9217	15.9188	16.6294	12.908	11.9401	20.7798	16.9747
30	30	30	28.3374	30	20.6069	16.3993
30	30	30	30	30	22.0401	25.2787
16.9383	14.0171	14.6052	12.925	13.0029	21.0285	16.5739
30	30	30	30	30	20.277	17.126
30	30	18.843	16.5885	17.4451	10.0051	10.2142
15.2962	30	30	15.3259	16.1094	20.0263	22.6281
30	30	30	30	28.4867	20.3566	18.3215
30	15.0493	16.4732	12.3829	12.5116	19.4037	17.9674
30	30	30	30	30	22.1364	18.0984
30	14.6465	15.3353	15.187	14.6035	20.3639	21.4799
16.3911	30	30	30	30	20.6173	19.442
30	30	30	30	30	20.3533	16.4844

18.7974	16.2141	17.3373	14.6824	13.843	21.7541	17.8215
30	30	30	30	30	20.6784	19.0216
18.7233	30	30	30	30	21.0229	17.5687
30	30	30	30	30	19.5918	18.3891
30	17.2689	16.462	15.0707	15.3259	17.9996	18.2833
27.2091	30	30	30	30	20.6733	21.8244
30	30	30	30	30	20.3992	17.5482
30	30	18.8013	30	17.1879	19.9877	17.6615
18.0908	30	30	18.4404	18.5678	20.8606	22.0052
28.1844	30	30	30	30	20.3432	17.33
30	30	30	18.5056	30	21.2394	17.8681
30	30	30	28.0053	30	22.4359	16.9625

Msi1_A68	Msi2_A80	Msi2_A92	Myb_A09	Myb_A21	Myc_A33	Myc_A45
30	30	30	30	30	17.2695	18.9062
30	30	18.0186	30	30	20.2546	17.8638
30	30	17.6542	30	30	30	30
30	17.4925	19.3969	17.1364	16.5284	30	30
30	30	23.2058	30	30	17.0546	19.0548
30	30	26.9105	30	19.0211	30	30
30	16.2217	21.8446	30	30	30	30
15.0446	12.977	15.5561	10.2534	10.5366	10.253	10.6443
30	18.2443	27.0993	30	30	30	30
30	30	17.6312	16.7396	16.9943	30	18.8351
15.2704	15.1848	16.7932	14.6243	14.4629	17.5413	18.3266
30	30	30	30	30	30	30
18.4319	30	17.6744	30	30	30	30
30	18.4333	23.1359	30	23.5398	30	30
30	30	25.757	30	30	30	30
17.3096	16.294	20.932	30	25.3776	18.1906	18.1652
30	30	30	30	30	30	30
30	18.1247	18.5873	30	30	30	18.6254
30	30	26.7912	30	30	30	30
30	30	30	30	30	30	30
30	30	25.0306	30	30	17.6719	30
30	19.0586	20.9485	17.1747	16.3598	16.3203	16.0662
16.8772	14.7994	16.0265	12.6379	12.9851	11.7468	12.535
30	16.4109	18.0001	30	23.0303	30	30
30	16.6088	16.8589	30	30	30	30
30	16.834	23.2505	30	30	30	30
30	30	26.8444	30	23.335	30	30
30	30	20.4286	30	30	30	30
30	30	23.2305	30	30	30	30
30	18.1032	20.0277	30	30	30	30
27.159	20.5424	21.5959	30	30	30	30
30	17.1069	22.1469	30	27.9093	30	30
30	30	20.9202	30	30	30	30
30	18.3015	22.0473	30	24.0434	30	30
30	18.5268	24.1632	30	28.3198	30	17.6772
30	30	17.4738	17.4072	30	30	30
30	30	30	17.1517	17.7704	30	30
30	18.8799	18.6348	16.7539	18.4016	30	30
30	17.2715	23.5444	30	30	30	30
20.3518	30	30	30	23.4996	30	30

15.7476	16.3319	17.9517	13.0052	13.3298	12.0356	12.4535
30	18.2019	18.6778	30	30	26.348	25.3127
30	30	25.2676	30	30	30	30
30	18.1772	20.0458	25.1278	30	19.0072	30
30	30	18.8446	30	30	30	30
30	30	30	30	30	30	30
30	17.8467	19.9184	16.3704	17.0361	30	30
30	30	22.291	30	27.5724	30	30
30	16.4396	17.7089	13.4357	13.2826	14.2983	15.3254
30	26.5433	21.0884	18.0511	16.6887	30	30
30	30	27.0623	30	30	30	30
30	30	30	19.4883	23.4129	16.9586	30
30	30	23.5882	16.7356	30	30	30
30	30	19.9783	30	30	30	17.1093
30	30	26.0217	30	30	17.7487	30
16.0494	15.2053	16.7681	15.9625	16.3735	13.9673	14.7922
30	18.5404	24.2376	30	30	30	30
30	30	24.1835	30	30	19.4781	17.7693
30	30	30	30	27.4857	30	30
30	30	30	18.2629	30	30	30
18.954	18.9216	22.357	19.5412	17.6808	24.6141	19.9527
30	30	30	23.5187	22.3895	24.3227	30
30	30	30	25.1714	30	30	30
17.1329	18.239	15.7156	17.6375	17.0255	16.7378	17.4168
30	30	18.4951	17.8399	30	30	30
30	30	30	26.3054	30	30	30
30	30	18.5498	27.1266	30	30	30
30	30	18.6155	18.7904	30	18.5063	30
12.7938	14.363	12.8433	13.9325	11.0328	11.1685	11.9065
26.8121	26.859	30	24.656	30	19.4952	30
30	30	18.5455	17.2995	30	30	30
12.5655	15.3108	14.9522	16.3292	12.4359	12.3493	12.9973
30	30	30	17.8306	30	26.869	30
16.2071	17.0121	16.0244	16.6542	16.6018	16.9242	16.1023
30	30	17.5452	18.3731	18.1814	18.6248	15.3906
30	30	18.5279	18.8315	30	27.8633	18.323
13.2708	15.7059	13.7716	14.8938	12.1162	11.6941	12.4331
30	22.8734	17.5522	18.0119	30	30	30
14.0351	15.8807	16.2661	17.7011	14.1355	13.3829	13.4858
30	30	30	30	30	30	30
30	30	30	27.3997	30	24.621	26.4366

14.4177	17.3182	15.1596	17.5209	13.0585	12.8106	13.4283
16.8004	17.79	15.9405	17.7275	30	18.1136	30
30	30	30	30	30	22.9238	30
30	30	28.3182	21.0063	30	27.6988	30
16.2803	30	14.9695	16.4385	13.6594	13.4657	13.9166
30	30	30	18.8295	30	30	30
30	30	30	30	30	24.198	30
15.2124	19.2211	14.8768	14.5694	15.3426	18.2234	20.2132
18.3748	19.4604	18.7027	19.5897	30	30	30
30	30	30	23.9799	30	30	30
30	30	30	17.7325	30	27.7436	30
30	30	30	30	30	30	30

Notch1_A57	Notch1_A69	Numb_A81	Numb_A93	Olfm4_A10	Olfm4_A22	Pcna_A34
21.5249	30	19.3088	15.565	30	30	17.8662
19.4786	30	18.3525	15.7116	17.4817	30	18.2046
18.9935	30	23.0796	16.6131	18.2425	30	16.6344
20.0171	19.5132	19.0709	15.9926	30	23.7819	16.5353
22.7714	30	19.2595	16.846	23.3246	24.6605	16.7742
18.5422	30	19.0116	30	16.9289	30	17.0283
21.9545	17.4498	16.0181	14.3833	16.6627	19.6379	14.2824
12.8112	13.0771	15.6265	13.5525	7.55306	15.5866	10.6384
18.1489	30	19.0249	15.385	17.8049	22.7211	16.2983
18.9691	30	20.4639	18.5661	18.646	18.9978	17.1364
14.6571	16.0059	18.6345	16.3291	8.67769	30	15.7762
21.2701	30	18.8487	16.7296	17.0482	23.2103	16.4333
19.1996	30	30	17.3075	17.4811	17.8088	17.1401
16.2308	30	15.3052	14.3675	18.4425	30	15.7162
17.4344	30	18.7621	15.6648	16.6774	30	16.4392
16.5005	30	23.0451	18.7434	18.0304	17.5676	16.6822
16.6199	30	30	15.4805	18.151	19.3915	15.9633
15.5958	30	15.9118	13.7401	17.4056	17.5678	16.1907
17.4598	30	19.2255	15.9916	30	30	18.046
22.8565	30	17.7361	16.5224	30	30	18.1824
16.1899	18.1362	18.8233	15.6533	30	30	13.1504
14.2023	18.1986	19.6554	16.223	18.4273	30	17.0029
14.3721	16.7639	17.0124	15.7265	8.87117	17.905	13.9966
24.3754	30	17.9002	14.1974	18.5448	30	16.0017
16.0191	30	15.5209	14.2268	16.6794	23.1699	16.1624
18.0362	30	20.1944	15.8279	30	22.1168	16.9952
18.2311	30	19.3087	16.6904	17.4824	30	16.3672
18.0783	30	17.187	15.9436	30	21.7303	20.4128
17.7563	30	17.2815	15.5658	18.3756	30	18.19
16.4585	30	18.5871	17.5925	30	23.1091	20.1423
16.6385	30	16.5906	14.2321	22.9043	30	19.6461
17.4557	30	16.8065	15.5696	16.4649	18.7991	17.7304
18.9182	30	18.6662	30	18.0201	30	18.4904
17.1247	30	15.441	14.3206	16.6854	16.6764	14.9939
20.2964	30	16.8905	15.9326	16.7105	23.0714	16.3066
15.7688	30	16.4811	16.9286	15.7731	18.6289	17.7259
17.0357	30	17.2643	15.0223	17.3552	18.7672	16.3632
18.3867	30	16.6804	16.6033	30	30	17.3049
17.5165	30	17.8596	16.4601	16.708	17.894	16.5399
16.5438	30	18.865	15.0068	17.3451	30	16.2977

15.886	18.5803	17.2581	15.4182	9.55081	18.6883	14.2286
16.4584	30	15.5209	14.0969	23.0519	30	14.6955
16.7248	30	17.4225	15.2753	18.6452	30	16.2238
15.5375	30	18.7039	16.9829	15.872	18.6878	17.107
15.3635	30	18.4208	16.0184	17.195	30	23.4429
21.4705	30	30	16.8289	30	19.3858	17.1345
19.9708	30	14.7172	13.1152	30	18.4135	16.5321
17.9679	30	18.0741	16.4177	16.134	30	16.6336
16.0808	30	16.9761	15.5196	15.2171	22.9214	13.4921
17.1475	30	17.3966	15.7445	17.1295	30	15.5814
16.7188	30	22.6884	16.803	17.2655	30	16.9999
16.123	30	18.3206	16.5677	15.2703	18.2085	16.1721
17.3666	30	19.0457	16.5519	17.7523	30	18.0073
15.8591	30	14.8265	13.5824	15.3728	30	16.4844
16.6707	30	30	18.3173	18.4663	30	17.3887
16.3954	16.5018	17.946	15.648	9.76246	17.7171	16.5156
16.5502	30	18.859	16.1158	19.6219	30	18.6082
19.7206	30	20.9564	15.496	17.649	19.3499	18.9211
17.9498	30	30	17.3181	30	30	18.6036
16.9177	30	16.6155	15.1774	17.5627	30	30
20.4236	30	20.7604	20.0646	18.4955	30	19.7529
21.406	30	20.879	17.8416	25.2473	30	23.9462
30	23.3292	30	18.7687	17.8604	18.9272	19.0828
16.7795	20.8889	30	16.2964	17.1821	18.897	16.0233
30	20.1211	30	17.6765	15.0972	30	16.0746
30	16.8589	30	16.0115	15.7299	30	13.1931
30	17.3078	16.9612	16.4486	15.0679	18.8147	16.4776
30	15.1953	17.0423	30	16.7671	16.1919	18.792
12.8144	13.9171	13.6187	15.3993	15.3323	8.50005	11.709
30	16.5693	30	20.2475	16.861	24.4015	18.0374
30	18.823	30	16.8195	15.4918	17.6256	16.0479
13.2778	14.8607	15.0741	17.1099	15.7422	8.7415	12.6667
30	16.1169	30	17.5762	15.8906	18.6245	15.3028
18.3517	20.2996	30	30	30	30	17.2708
16.7931	13.8489	16.5193	16.13	15.0466	30	15.054
30	14.7567	16.5658	18.8076	16.9544	30	16.7124
12.9979	14.0243	13.872	15.7939	15.3411	9.36639	12.0382
30	17.876	30	16.9166	17.4257	18.5354	16.1808
13.974	15.0563	15.9589	19.1242	19.2875	9.50976	15.0275
30	18.9362	30	15.5937	15.5555	18.3155	17.2341
30	16.9514	30	16.8048	15.5607	30	15.7012

14.2768	16.5629	15.1592	16.9595	16.6321	9.76345	13.1037
30	19.895	30	17.3159	19.4574	30	17.6976
30	16.5253	30	17.4793	16.3878	18.6471	16.3917
30	17.3191	30	16.2294	15.5999	17.8053	20.9606
14.1673	14.748	15.2115	19.9812	17.2973	9.67541	15.3659
30	17.5175	30	15.3851	16.3662	21.5158	15.3008
30	20.5661	30	16.8249	18.634	30	16.0701
30	16.5439	30	17.1858	15.4689	18.517	15.6423
30	26.2078	30	30	17.1749	30	24.5154
30	18.7809	30	30	30	30	16.449
30	17.9662	30	17.8019	16.2288	30	16.0849
30	17.0361	30	16.3894	15.5614	19.2794	16.4095

Pcna_A46	Ppargc1b_A5	Ppargc1b_A7	Rhoa_A82	Rhoa_A94	Saa2_A11	Saa2_A23
15.1562	30	15.8179	13.847	15.8781	18.4321	16.9487
16.4588	30	16.7379	13.9771	14.574	20.5393	20.153
17.7139	18.5618	15.5262	13.1855	13.4324	30	17.046
15.0073	30	16.0157	13.5213	14.3584	30	19.6364
15.3172	30	16.9373	13.0384	15.0847	23.3939	19.9555
15.818	30	17.0523	14.5954	15.1644	25.3124	18.5028
14.2952	18.133	14.2058	12.6115	14.1392	21.0537	17.2082
9.20599	13.603	12.0441	9.87461	11.5703	30	18.5515
15.034	15.0657	13.7192	12.8151	14.4958	20.2782	19.0436
17.9135	30	17.8114	15.1427	15.8805	23.5433	18.6534
13.9804	18.1424	16.7699	12.5243	13.6246	19.8938	17.0113
16.2815	30	30	13.6127	14.8137	21.032	20.3538
16.9214	30	30	13.6978	15.4633	21.8166	17.6803
14.5263	16.1664	13.9094	11.8527	13.6624	24.4062	17.5832
15.5378	18.3862	17.9811	13.5663	13.9139	18.8874	16.0731
17.3375	30	30	14.3856	14.186	30	19.2333
16.3328	30	16.1224	14.4723	16.2004	19.6385	16.9938
16.6592	15.741	14.3178	12.0047	13.5625	30	30
17.2635	17.8181	14.7824	15.4958	15.1475	20.1161	16.9069
15.9684	16.7488	16.07	12.9388	13.8079	22.1514	21.5727
16.1183	30	16.8035	13.3246	16.3954	30	26.0202
16.3779	15.2126	14.6225	13.8134	13.8929	30	30
12.478	14.4552	13.9666	11.8257	13.4445	30	30
15.1521	17.7559	16.1556	12.0516	13.4416	30	30
14.4857	30	14.3722	11.5061	12.9801	24.93	21.496
16.7073	17.3167	15.7907	14.0592	14.5996	23.596	18.9912
15.2739	30	30	14.3737	14.3094	30	17.0802
21.0006	17.5501	18.1286	14.5709	14.9895	30	19.4598
17.5653	30	17.9932	14.0966	15.1568	30	19.5506
20.453	30	21.333	16.3459	17.5485	24.8672	17.3465
20.3773	30	30	13.1014	14.1102	30	18.7732
15.6552	16.3209	14.3552	12.5595	14.5949	25.5002	18.7145
15.323	30	15.7765	13.8873	14.2973	23.5211	17.4866
13.6778	15.4413	13.8249	12.1297	13.6435	19.7686	17.8653
15.3563	16.143	15.2256	13.1407	13.5524	30	17.7017
16.5864	16.9522	16.0361	13.8222	14.9043	24.402	18.305
14.7445	16.8898	30	13.6144	14.3685	18.7922	17.0257
16.4297	30	16.8637	13.3007	14.5436	21.3958	17.6272
16.1996	30	30	13.8245	14.9671	16.6684	17.0642
15.6407	17.1373	16.903	13.2147	14.2209	24.9827	19.1956

13.0879	15.3732	13.2256	11.2919	12.7095	20.8838	16.8466
13.8993	19.1399	19.016	11.5216	13.3786	25.0294	24.1301
15.464	30	18.0439	13.5949	13.9523	19.0618	18.6406
16.7613	30	30	12.9104	14.0913	19.5123	17.0905
16.1045	16.8778	14.3009	13.3812	15.1444	21.3537	17.878
15.1411	30	18.1052	12.7759	14.73	20.3316	16.4578
14.4107	16.8065	14.1736	11.5708	13.7385	30	23.6918
16.1396	19.5566	15.8934	13.7935	15.9979	22.3889	18.75
12.6267	16.3711	15.1542	12.1011	13.285	20.756	17.6737
16.4998	30	16.6775	13.9949	14.3692	30	21.1587
16.3035	18.2468	16.2948	13.95	15.0994	22.6016	16.4632
15.221	19.3687	15.9436	13.6169	14.2455	21.3701	16.1503
16.3812	30	15.0518	14.0427	15.6448	20.5207	16.761
14.6295	30	27.194	12.0305	13.519	22.5022	17.224
16.917	30	17.1614	13.5473	14.4674	18.8367	18.9667
16.0591	30	17.941	12.4056	13.8957	20.9933	15.7551
15.6539	16.9639	17.425	13.06	14.3616	21.3825	18.0217
15.4167	30	30	13.9554	15.3276	23.0518	17.1524
16.7927	30	30	18.3883	18.6603	19.6673	23.699
17.2587	30	18.2156	13.9036	15.0136	30	18.2126
21.2942	17.2372	22.0148	15.8099	15.8301	30	21.2431
23.4274	30	22.1839	17.5492	18.3165	30	24.0746
16.1957	25.425	30	12.5271	13.9843	21.0522	19.6523
15.2748	26.1414	18.301	12.0687	13.2613	23.3265	16.5982
15.2628	17.6628	15.2878	12.3142	13.5705	22.4899	18.6166
19.0705	17.1922	16.5015	14.7077	15.6375	20.929	16.0225
15.8729	16.6108	15.8471	13.815	14.7542	19.5666	15.5579
16.1836	30	30	15.3332	15.1763	18.0428	17.8607
11.0826	14.3987	12.8488	11.1265	11.9706	23.7112	16.4466
14.7965	18.589	16.6014	14.7197	15.2502	17.7377	16.0539
15.3415	30	25.0635	13.2171	13.6039	30	17.448
12.0311	16.8571	13.4729	12.1163	12.9287	30	18.2226
15.6832	24.7765	16.3446	14.236	15.4945	18.5736	15.9323
16.5475	30	17.0355	12.5249	13.8119	30	18.1584
14.1321	14.5006	12.587	12.1246	13.5476	20.0748	16.5279
16.0026	30	30	13.6393	14.7754	19.3059	17.1412
11.6716	15.4357	13.7555	12.0756	13.0189	21.3844	18.7555
14.8347	26.6703	17.6458	14.6337	14.566	16.865	15.9244
13.736	18.5835	17.2127	13.608	14.08	18.4899	17.2073
17.1356	18.4053	15.2044	13.603	15.1298	24.8361	16.6954
16.1934	30	16.5376	13.9923	14.8487	19.3253	16.9348

12.5923	15.9467	14.8373	13.1387	14.1018	23.2233	24.7902
16.341	23.7984	30	13.9894	14.715	22.9746	21.283
15.2778	16.1569	15.0801	12.8948	13.7105	18.0662	17.1114
16.2397	16.7783	18.0901	14.4472	14.784	20.3938	18.956
14.7386	30	30	12.7567	13.8456	17.7841	17.0523
15.4345	27.9842	18.1123	13.4888	13.774	30	18.3724
16.832	30	17.4827	14.3196	16.1978	19.3094	18.4766
14.5401	18.2865	16.5151	12.9744	13.1314	24.6159	19.9912
24.8523	25.3934	30	13.8	14.4019	23.8668	23.4266
16.7208	30	30	18.5878	20.0127	19.1292	16.4038
15.8071	18.772	16.867	14.106	14.6439	18.1488	16.6617
15.0968	18.5899	30	13.3998	14.4129	19.4812	17.3711

Sirt3_A35	Sirt3_A47	Sox9_A59	Sox9_A71	Tat_A83	Tat_A95	Tcf4_A12
18.16	30	30	30	30	30	17.3659
18.9815	18.1207	30	30	30	30	30
30	16.7519	30	30	30	30	16.98
18.8869	16.2974	30	30	30	30	15.7566
19.13	18.2534	30	30	30	30	18.6845
30	30	30	30	30	30	17.6722
17.7294	20.5375	30	30	30	30	15.5413
15.374	15.4255	11.547	20.9177	30	30	14.0738
18.8662	17.9593	30	30	30	30	17.9583
21.517	30	30	30	30	30	17.638
17.846	19.8435	12.0147	19.9506	30	30	16.5776
19.177	18.384	16.0399	27.0168	30	30	19.1802
19.6314	30	30	30	30	30	17.3627
17.7521	19.9719	30	30	30	30	15.3043
30	30	30	30	30	30	15.6766
17.7932	18.171	15.6886	24.0601	30	30	17.0677
18.8014	18.4305	30	30	30	30	17.4424
18.5665	18.2279	18.8025	30	30	30	15.7651
22.5768	30	30	30	30	30	16.0328
17.392	17.2607	30	30	30	30	16.1252
23.3036	19.0464	30	30	30	30	15.4589
18.5302	17.9761	18.8017	30	30	30	18.416
17.7068	19.0812	14.2173	23.4274	30	30	15.6253
15.84	15.4905	30	30	30	30	16.513
17.4855	16.8428	30	24.6385	30	30	15.4115
30	30	30	30	30	30	16.2929
18.9983	30	30	30	30	30	15.4753
30	19.9411	30	30	30	30	22.1859
30	30	30	30	30	30	16.0033
26.415	30	30	30	30	30	30
25.8646	20.376	21.3178	30	30	30	20.3385
16.7036	15.7999	30	30	30	30	15.5147
30	18.1853	18.1639	30	30	30	18.4222
16.244	16.3759	30	27.9331	30	30	15.1986
17.1367	22.1223	30	30	30	30	15.7521
30	18.4524	30	30	30	30	17.2641
16.8982	17.1978	30	30	30	30	17.9011
30	18.4747	17.9457	30	30	30	16.9141
25.162	18.4587	30	30	30	30	14.9673
17.6499	17.5835	17.9241	30	30	30	16.2557

18.2193	17.749	13.6976	25.637	30	30	16.2682
17.661	16.6576	30	30	30	30	17.7621
30	30	30	30	27.1762	30	16.3474
17.2932	17.6287	18.7984	30	30	30	17.7348
19.9949	17.4033	30	30	30	30	30
24.3142	18.2201	30	30	30	30	17.3235
16.169	15.3525	18.7618	30	30	30	14.6227
18.574	17.6556	30	30	30	30	17.0714
30	16.8483	15.3281	25.0391	30	30	14.544
19.3939	18.3366	18.9556	30	30	30	30
18.8549	16.9835	30	30	30	30	16.2644
30	18.3728	17.2364	30	30	30	17.5195
17.1306	16.6485	30	30	18.5864	30	20.5423
19.495	17.2961	18.6938	30	30	30	14.4928
30	30	16.8804	30	30	30	14.9965
19.5189	18.5074	14.1596	22.9932	30	30	14.6324
19.2093	17.121	30	30	30	30	16.6003
18.7541	18.5402	30	30	30	30	17.1909
30	30	30	30	30	30	30
30	30	30	30	30	30	16.0713
30	24.4332	19.1765	30	30	30	26.6466
30	27.4224	30	30	30	30	23.1256
30	30	30	30	30	30	15.3934
22.8661	22.9761	13.9505	21.2397	30	30	14.7921
20.6937	18.3299	30	22.8733	30	30	16.4554
30	17.0124	30	28.6812	30	30	16.4216
30	18.5944	18.8507	30	30	30	14.6233
30	30	30	30	30	30	30
16.8149	16.6134	12.8928	22.3919	27.8445	30	14.0203
19.2325	17.6376	19.0105	30	30	30	18.7077
30	17.9614	30	30	25.9164	30	15.9896
17.0573	16.9201	13.0558	24.1862	30	30	16.2721
26.8877	18.4161	30	30	28.1272	30	16.2494
18.1672	17.8576	13.1119	22.4459	30	30	15.5207
22.6772	19.1759	16.7569	30	30	30	16.5816
30	30	30	30	23.6987	30	30
16.7978	16.4141	14.0509	24.1539	30	30	15.7918
30	30	30	30	30	30	17.114
18.7766	17.3004	15.1826	23.9247	30	30	15.6497
17.7955	27.4612	30	30	24.3516	30	25.2191
20.8562	30	30	30	27.9872	30	15.2916

17.1334	17.8427	13.1252	22.3574	27.4557	30	16.8896
30	28.6039	18.1128	24.2853	25.5204	30	30
16.8898	16.3363	30	30	30	30	15.5917
30	18.1406	30	30	30	30	16.217
30	17.2166	15.6565	25.1943	26.8669	30	30
17.4401	16.7279	30	30	30	30	16.3923
21.0616	30	30	30	30	30	30
21.085	18.3529	12.6526	21.6018	30	30	15.0738
18.9207	18.3988	17.8629	30	30	30	17.4946
21.5841	30	30	27.9355	30	30	30
30	17.3831	30	30	30	30	14.9801
30	30	30	30	30	30	14.5315

Tcf7l2_A24	Tert_A36	Tert_A48	Wnt3_A60	Wnt3_A72	Wnt6_A84	Wnt6_A96
22.1156	30	30	30	24.8178	30	30
30	30	30	30	30	30	26.8949
17.5743	30	30	30	30	21.0233	24.0503
17.6747	30	30	30	21.7899	20.6664	22.9735
20.5753	30	30	30	30	18.9312	20.3358
21.658	30	30	30	30	30	24.7841
19.966	26.0487	30	30	30	21.4394	20.7627
17.2026	16.6173	17.9421	30	30	30	24.5017
19.2869	30	30	26.6945	22.6401	30	30
21.2789	30	30	30	30	30	30
18.2858	16.2319	19.0053	15.9564	17.5959	30	30
18.7128	30	30	30	30	30	30
18.5707	30	30	30	30	30	24.5317
19.9125	30	30	30	19.311	20.2421	21.7623
21.0729	30	30	30	30	30	30
18.7129	30	30	14.7774	14.8756	30	30
30	30	30	30	18.9455	30	22.5479
18.6433	30	30	30	21.2832	30	30
18.897	30	30	30	30	30	30
18.2136	30	30	30	30	20.5858	30
19.2814	30	30	30	30	22.3503	30
19.1686	30	30	17.1375	17.6643	30	30
17.9141	17.6346	18.3029	30	30	30	30
18.6371	30	30	30	26.8227	19.0635	22.7959
18.6367	30	30	30	19.2609	30	26.3893
18.9644	30	30	30	30	30	30
18.9258	30	30	30	24.0193	30	25.0098
24.6014	30	30	30	30	30	30
21.4466	30	30	30	30	30	30
25.9697	30	30	30	26.0434	30	30
25.6664	30	30	30	30	30	30
18.9429	30	30	30	24.1451	30	26.4742
21.3869	30	30	30	22.1696	30	30
18.1747	30	30	30	30	30	30
18.1999	30	30	30	30	20.4299	21.9013
21.9231	30	30	30	30	30	30
19.0388	30	30	30	30	30	30
20.067	30	30	30	25.7237	30	30
18.2092	30	30	30	25.7974	30	30
19.1023	30	30	28.2251	18.5751	20.8792	26.0012

19.9373	30	30	30	30	30	30
20.5145	30	30	30	30	20.5561	27.8373
19.3017	30	30	30	27.9999	19.1788	28.2987
19.2382	30	30	30	18.6887	30	30
22.0501	30	30	30	30	30	30
24.019	30	30	30	30	30	24.943
18.0729	30	30	30	30	30	30
20.4452	30	30	30	25.2023	30	30
17.4227	30	30	17.7899	30	30	25.3715
20.0474	30	30	30	20.0235	30	30
19.3587	30	30	30	30	30	30
30	30	30	30	30	30	25.1022
19.6706	30	30	30	30	30	30
18.5453	30	30	30	30	20.6048	25.0403
17.2543	30	30	30	18.6968	30	30
19.3633	30	30	13.4439	14.6326	30	24.3495
19.4513	30	30	30	30	30	30
22.0212	30	30	30	30	30	22.3739
30	30	30	30	24.1633	30	30
25.5568	30	30	30	30	30	30
30	30	30	30	30	30	30
30	30	30	30	30	30	30
19.0164	30	30	30	30	30	30
18.2998	30	30	13.0548	14.3618	30	25.7199
20.2567	30	30	30	30	30	30
19.0662	30	30	30	25.1314	30	24.245
20.3888	24.7146	30	30	30	30	30
30	24.0191	28.4085	30	30	30	30
17.071	23.6784	30	30	30	30	22.7397
19.2188	23.7588	30	30	27.2577	30	23.6706
17.136	30	30	28.2812	30	21.1749	23.1962
19.3434	30	19.3977	30	30	30	26.5824
18.7582	30	30	26.8408	30	21.9747	24.6293
18.8723	30	30	13.4852	15.6492	30	30
18.7838	16.8816	19.4937	30	22.9453	20.7605	22.4808
30	25.6173	30	30	30	30	24.3375
19.2668	18.249	30	30	27.7755	30	25.6889
20.4749	23.5157	30	30	30	30	22.9032
19.9103	30	30	30	24.5156	30	30
19.81	30	30	28.4546	30	20.2074	30
19.3749	30	30	25.7104	30	30	30

23.0616	30	30	30	30	30	25.7389
30	30	30	17.7488	30	30	22.9282
17.7237	26.2941	28.2658	30	30	30	30
19.5636	30	30	30	30	30	30
21.9827	18.935	30	27.6738	30	30	30
19.3346	30	30	30	30	30	27.0922
22.1804	24.5302	30	30	30	30	30
18.0611	30	30	26.7379	26.8146	30	30
21.9801	30	30	30	30	30	30
30	30	30	30	25.168	30	30
20.741	30	30	30	22.0645	21.4832	25.9654
17.6102	26.1663	30	30	30	30	30

sampleID	Group	Areg_A01	Areg_A13	Ascl2_A25	Ascl2_A37	Atoh1_A49
S09	Lgr5	30	30	18.957	30	30
S10	Lgr5	30	30	15.0865	30	18.556
S11	Lgr5	30	30	15.9102	17.302	18.7122
S12	Lgr5	30	30	13.8043	15.2774	24.8121
S21	Lgr5	30	30	15.3758	17.6526	26.0887
S22	Lgr5	30	30	13.8888	14.1429	13.195
S23	Lgr5	30	30	12.7713	14.3285	18.1081
S24	Lgr5	30	30	30	30	30
S33	Lgr5	30	27.219	16.1916	19.103	22.7134
S34	Lgr5	30	30	13.7526	18.5272	30
S35	Lgr5	30	30	12.4015	12.9394	24.515
S36	Lgr5	30	30	16.5837	30	18.1394
S45	Lgr5	30	30	16.1833	16.5899	30
S46	Lgr5	30	30	14.6126	16.015	17.1337
S47	Lgr5	30	30	14.3778	16.8787	17.704
S48	Lgr5	30	30	17.1716	30	18.0544
S57	Lgr5	30	19.2448	16.0531	19.2354	30
S58	Lgr5	30	30	14.3931	14.9212	18.4509
S59	Lgr5	30	30	13.8554	14.6674	18.1149
S60	Lgr5	30	30	15.2777	16.5841	18.5621
S69	Lgr5	30	17.1787	14.7771	15.1345	30
S70	Lgr5	30	30	16.1648	18.7657	30
S71	Lgr5	30	30	30	30	17.4886
S72	Lgr5	30	30	14.739	17.6964	16.1457
S81	Lgr5	30	30	16.8165	30	30
S82	Lgr5	30	30	14.1832	30	30
S83	Lgr5	30	30	15.1654	30	17.9787
S84	Lgr5	30	30	15.2112	19.9331	30
S93	Lgr5	30	30	30	30	17.9278
S94	Lgr5	30	30	16.0087	30	30
S95	Lgr5	30	30	13.322	14.849	19.1346
S09	Lgr5	30	30	15.0694	15.9837	23.6315
S10	Lgr5	30	30	30	30	18.849
S11	Lgr5	30	30	16.3194	30	30
S12	Lgr5	30	30	14.4275	15.4719	30
S21	Lgr5	30	27.2851	16.7551	16.9193	21.2112
S22	Lgr5	30	30	14.184	14.7205	19.4884
S23	Lgr5	30	30	13.5218	15.5494	19.2231
S24	Lgr5	30	18.4395	30	30	17.2724
S33	Lgr5	30	30	15.5237	16.0552	18.1682

S34	Lgr5	30	27.2125	17.4914	17.7782	17.6351
S35	Lgr5	30	30	30	30	18.4775
S36	Lgr5	30	30	30	30	17.1516
S45	Lgr5	30	30	14.6936	17.0107	17.7528
S46	Lgr5	30	30	30	30	19.3572
S47	Lgr5	30	26.2458	16.0596	16.4473	30
S48	Lgr5	28.4332	20.2223	17.8643	19.023	30
S57	Lgr5	30	30	15.7259	30	17.8656
S58	Lgr5	30	30	30	30	30
S59	Lgr5	30	30	30	30	14.2473
S60	Lgr5	30	24.7382	15.7119	30	19.4891
S69	Lgr5	30	30	13.7117	14.6573	16.5468
S70	Lgr5	30	30	14.3306	15.9048	26.2622
S71	Lgr5	30	30	14.762	15.2912	30
S72	Lgr5	30	30	30	30	15.4123
S81	Lgr5	30	30	13.5806	15.0435	17.6277
S82	Lgr5	30	30	14.5322	18.2083	17.0015
S83	Lgr5	30	30	30	30	21.5096
S93	Lgr5	30	30	30	30	14.1006
S94	Lgr5	30	30	18.4218	30	18.8966
S95	Lgr5	30	30	14.8878	30	18.6246
S09	Lgr5	30	30	14.9883	17.1004	17.5286

Atoh1_A61	Axin2_A73	Axin2_A85	Bmi1_A02	Bmi1_A14	Bmpr1a_A26	Bmpr1a_A38
30	13.2566	16.3814	15.4587	16.3376	15.5658	16.3309
20.7735	11.6071	14.5132	16.0412	15.7601	14.3761	15.3222
18.5708	12.9237	16.4775	15.3909	16.8055	15.9932	16.6093
18.1202	12.5304	16.5133	13.7344	14.1332	13.3747	14.4623
21.024	11.2578	13.669	16.7713	15.2915	14.1687	14.328
13.3389	12.166	14.5321	14.9572	14.3907	13.8304	15.1616
18.9004	11.7443	14.481	15.024	14.668	15.2806	14.8025
30	21.1181	30	30	30	18.3884	17.9678
22.9537	12.8791	15.6684	14.9257	16.0463	14.5469	15.7526
26.8895	12.2967	15.2176	15.158	14.2087	13.9854	14.6968
30	10.6049	12.7501	15.4763	14.1894	13.6599	14.6091
16.4897	12.046	15.1662	16.8182	15.0259	15.5441	16.6557
30	12.632	15.6289	14.5454	15.4416	15.5055	15.7314
17.5552	12.7367	15.4568	16.7024	15.4939	15.2243	15.7805
30	12.0092	14.9145	12.8127	13.0204	12.9337	13.9892
19.201	14.6908	17.1327	21.5352	23.9601	16.1501	16.0628
30	12.1428	14.2017	17.1004	17.0794	15.1615	15.1438
30	11.9035	13.848	13.2751	13.5325	12.4396	13.4479
17.7485	12.0043	14.1546	16.3405	15.2629	13.4257	14.1418
18.3385	13.0568	15.5892	14.0548	14.2639	13.3862	13.9533
30	13.9685	16.1301	30	30	16.3921	18.5733
30	12.6368	14.8702	14.1946	15.3192	14.6217	15.9573
18.438	17.0871	20.3374	30	15.1893	30	18.6778
18.1649	15.3804	17.7186	21.8666	17.7797	15.9421	17.1639
30	12.9905	15.2807	16.0014	14.8767	15.5596	15.8773
30	12.6811	14.8342	16.0795	15.324	15.0979	16.3926
20.8335	13.1734	15.2589	17.9076	15.7815	16.4893	19.4173
30	19.6439	30	20.3561	21.8412	22.3973	25.3777
18.2945	17.1167	25.1985	20.5776	30	14.0938	14.2213
30	12.7642	15.9902	16.4665	17.6583	15.3645	17.0326
18.4846	13.7337	18.1364	14.3815	16.8854	18.0884	18.3998
24.1557	12.4933	15.4385	15.7057	16.1517	14.4603	15.4101
18.596	14.6591	18.3879	15.7052	16.6452	15.1707	16.2545
17.4848	12.9158	16.7444	15.1305	16.6846	16.8251	18.0359
30	12.3636	15.7712	14.2834	13.9818	13.846	15.1668
26.103	11.5104	13.84	15.7444	15.1218	13.3912	14.3147
19.8508	11.1173	13.2877	15.5118	14.6771	14.9312	15.4783
22.725	11.3407	13.7722	14.3774	14.161	13.3918	14.3025
17.2395	13.4375	16.6089	15.3783	14.9957	13.8055	14.7635
18.1567	12.3126	14.5045	15.3336	15.2037	14.7011	15.3943

18.0501	13.265	15.4248	14.7731	14.8761	15.3845	15.1368
25.1158	14.1438	16.5245	15.1184	14.7464	13.0391	13.5396
16.7631	12.2664	15.4519	18.0722	16.7196	15.8768	16.1107
19.0025	12.7142	15.153	18.9459	17.0367	16.3934	16.8397
30	30	30	17.2917	16.6062	13.9597	14.2998
30	12.5271	15.0914	15.0202	17.7573	14.505	15.1361
30	12.1942	14.2185	14.9711	13.986	14.3961	15.1982
17.1719	13.0082	15.2958	16.6448	17.5209	15.4102	17.5783
30	15.1067	17.001	16.0215	16.1296	14.707	15.0993
13.913	16.8286	19.3676	15.6682	16.0314	14.4723	14.6084
20.456	12.6952	14.6059	15.4386	14.2931	13.4424	14.0058
16.8827	11.452	13.3409	14.6471	14.2263	13.397	14.1622
30	12.2824	14.3467	14.6059	14.0131	13.4533	14.266
30	13.5488	15.9001	15.6437	14.9182	14.8765	15.4474
14.8283	17.0493	18.4627	15.9943	14.9183	16.1184	18.6978
17.7086	11.3329	13.8955	14.9048	14.8208	13.9867	15.0874
17.7492	11.9167	14.7521	15.1262	14.5739	14.0194	15.2258
17.7744	14.9909	18.2492	15.2291	14.1734	13.682	13.9208
14.39	16.8362	19.6361	16.4738	17.8639	16.7179	16.1461
20.663	13.0837	16.0916	16.0382	16.7885	14.8432	15.8349
30	12.9398	16.6227	21.9141	18.4522	15.934	16.1592
17.8267	11.8129	13.8042	14.8204	14.5193	14.6709	15.4161

Ccnd1_A50	Ccnd1_A62	Cdkn1a_A74	Cdkn1a_A86	Cdx1_A03	Cdx1_A15	Chga_A27
17.5141	13.6997	18.9082	30	19.5842	17.4822	30
16.4533	13.3363	30	30	18.7095	16.8644	30
15.9446	12.9893	30	30	18.8679	16.1426	30
15.1279	14.0505	16.9256	14.9972	17.0705	14.5845	30
16.201	13.3189	30	30	17.2923	15.4661	30
13.8439	11.4943	30	20.2059	16.5911	14.9346	30
15.8293	13.443	15.437	14.7324	18.9238	16.1388	30
30	30	16.4022	16.1761	20.27	16.9977	30
15.6433	12.1141	24.7745	18.1539	17.5661	15.755	30
17.6962	14.9672	30	30	17.6906	15.5172	17.8716
15.7105	12.6428	30	30	16.8823	15.0066	18.8186
14.5535	11.6817	21.1857	17.6992	16.5095	14.3683	30
18.9128	15.4967	17.066	17.1841	17.3093	14.9253	30
15.2067	13.2259	30	30	19.6175	17.014	30
14.8811	11.9835	15.1234	14.7622	15.5676	13.3409	30
17.7625	15.6883	18.9845	30	19.7374	17.8125	30
18.1956	17.158	23.7304	20.13	19.0371	16.3049	18.6066
15.4616	12.8525	18.1076	18.4874	16.4946	15.0221	30
16.7246	13.7135	19.8949	17.784	18.1152	15.8219	30
15.0317	13.5962	30	21.5164	16.7316	14.5296	30
16.4464	15.9186	30	30	18.4424	19.7387	30
18.3016	14.699	30	30	19.0521	17.8641	30
30	30	15.6417	15.8797	18.7847	16.473	30
30	25.0393	15.7704	15.9726	19.3797	17.1235	30
16.8399	14.3986	30	30	21.5293	21.2039	30
19.0883	14.8785	18.2849	19.6748	19.1219	17.0097	30
18.1865	14.5392	30	20.7131	18.8318	17.4527	30
21.32	15.2664	23.7523	20.7182	24.7119	20.5781	30
30	18.5121	14.319	15.1845	21.9388	20.5386	13.6688
15.2653	13.4359	30	30	20.1251	18.716	30
16.666	13.5599	20.8146	19.5468	21.0623	17.7585	30
18.0922	15.5344	22.173	18.0018	19.5778	18.0862	30
30	30	20.6702	17.7756	21.1282	20.8752	14.3499
16.9707	13.3127	30	21.7696	20.7574	17.6017	30
16.6218	14.3801	30	30	19.0389	16.5339	30
15.3578	12.5484	18.4375	30	16.7621	15.2984	30
16.6101	14.5404	20.0737	19.8907	17.775	15.2369	30
15.3646	12.4948	17.1429	20.1614	16.61	14.9947	30
19.124	15.0972	30	30	18.2074	16.1663	30
17.0749	14.3549	30	30	20.0356	17.2312	30

18.3871	15.3988	18.9748	20.4866	18.8438	16.4776	30
13.8058	11.3244	17.8698	18.6642	17.008	14.6789	30
16.9573	13.2504	19.1568	17.1996	19.2226	16.2261	30
17.8146	14.6261	17.3406	17.2115	19.8379	17.0554	30
18.363	16.3862	16.3977	15.7666	18.7172	16.2845	30
17.4062	14.3814	17.8231	30	18.4738	16.7662	19.22
17.0979	14.5955	17.7046	17.3413	17.3218	16.154	30
19.403	17.302	30	23.6042	19.5967	17.3782	30
16.1779	14.1413	17.886	18.7936	18.2893	15.8754	30
16.8876	14.1348	18.4126	17.3259	16.7322	14.9777	30
18.5425	15.5357	30	30	18.7811	16.7154	30
17.7463	14.8695	30	20.2634	18.3685	16.2866	30
15.5741	13.169	16.0742	16.1001	16.7233	15.5205	30
15.9244	14.1208	18.1472	20.3799	18.3848	17.0526	30
30	18.224	16.6761	16.7464	19.88	18.4785	30
14.9369	12.4632	17.4029	18.8143	18.2782	15.9905	30
15.2454	13.0163	27.0052	18.3691	17.5129	15.347	19.0861
14.7419	12.0292	17.6508	17.9544	17.2665	15.7597	19.1478
18.8532	15.5665	17.5649	15.9502	20.3973	17.6689	30
18.066	16.2063	19.8932	19.31	20.0688	18.5793	30
18.6404	15.6859	18.6067	19.3364	19.089	18.017	30
18.2236	13.7611	18.6384	30	19.1606	18.8045	30

Chga_A39	Cubn_A51	Cubn_A63	Dll4_A75	Dll4_A87	Dvl2_A04	Dvl2_A16
30	30	30	16.2901	17.0106	30	18.115
30	30	30	30	30	18.8018	18.5731
30	30	30	30	30	17.4774	30
30	30	30	17.5574	20.7726	18.72	16.3983
30	30	30	30	30	17.5354	30
30	30	30	15.313	17.1968	20.9792	16.5624
30	30	30	18.8671	18.6447	19.4326	19.1833
30	30	30	30	30	19.0067	17.1375
30	30	30	30	30	17.5995	17.4783
19.2358	30	30	30	30	18.9336	16.7527
30	30	30	20.2229	30	30	17.9291
30	30	26.2295	30	30	19.6112	17.6809
30	30	23.0238	18.9876	30	30	17.3938
30	30	30	18.9706	30	20.5158	30
30	30	30	19.1479	18.5433	23.3254	19.1112
30	30	30	30	30	18.7823	25.0296
30	30	30	30	30	30	16.9981
30	18.4748	30	19.3208	17.7399	18.4113	16.4592
30	30	23.9876	30	30	19.3793	18.5708
30	30	30	30	30	18.5793	18.2748
30	30	18.6742	30	30	30	30
30	30	30	30	30	18.6317	26.6875
30	30	30	30	30	17.6683	30
30	30	30	17.3834	16.6442	18.434	16.3957
30	30	30	30	30	19.4228	17.655
30	30	30	20.2191	30	18.2252	18.6844
30	17.9271	30	30	30	18.4082	17.7549
30	30	25.734	19.5605	21.377	22.7396	18.4783
14.4852	30	30	30	19.0666	18.8054	30
30	30	30	30	30	17.7791	23.0492
30	30	30	20.6735	30	18.0676	18.2944
30	27.4871	30	17.3244	30	16.5347	17.0679
14.287	30	30	16.9257	17.9019	19.7387	30
30	30	30	30	30	30	17.4971
30	18.6485	30	18.9831	30	19.0124	30
30	30	30	17.9963	18.9488	16.2687	16.6635
30	30	30	30	30	30	20.0228
30	30	30	17.8702	17.2957	16.1567	16.7209
30	30	30	30	30	18.1745	17.8797
19.3046	30	30	30	30	18.1553	20.4149

30	30	30	18.8355	30	18.5784	17.8513
30	30	30	30	30	19.3734	16.8587
30	30	23.6898	30	30	18.4046	16.223
30	18.3719	30	30	30	21.9854	30
30	30	30	18.8996	30	23.1648	30
30	30	25.1204	30	30	17.9722	17.6901
30	30	30	17.774	18.0515	19.3195	17.279
30	30	30	30	30	17.6383	16.8643
18.5753	30	30	30	30	18.5353	16.9602
30	30	30	19.1295	16.8461	16.8753	19.6598
30	30	30	30	30	30	16.9387
30	30	30	30	30	20.5439	21.094
30	30	30	16.9554	18.1612	16.248	15.9509
30	18.4273	30	30	30	30	25.5322
30	30	30	16.3658	17.2041	16.9885	18.4659
30	26.8883	30	17.3728	19.1447	17.0497	15.9629
30	30	30	17.9697	23.0166	17.494	16.0373
30	30	30	19.1092	19.3151	18.6669	20.1322
30	30	25.588	17.2579	16.5017	30	24.9637
30	30	30	30	19.9109	18.2012	18.3302
30	30	30	17.7845	16.9191	17.782	20.7914
18.9614	13.0932	30	30	30	18.155	18.6922

Efnb1_A28	Efnb1_A40	Epas1_A52	Epas1_A64	Ephb2_A76	Ephb2_A88	Ereg_A05
17.6504	16.7038	19.1497	30	14.6651	16.344	30
15.802	16.985	17.8718	16.6791	14.7346	15.9078	30
15.2366	16.9897	15.8971	16.8224	12.9607	14.3284	30
14.0567	14.7413	16.2583	17.0975	13.4677	14.3244	30
15.0306	17.5679	17.1924	16.3451	13.3003	15.5492	30
14.2068	14.6205	17.9921	16.8675	13.825	14.6837	30
17.4473	18.0739	30	30	13.6838	14.8312	30
16.1121	17.7605	18.8384	30	16.8716	16.7381	30
17.1098	30	17.3218	17.5838	14.4021	15.1865	30
16.8997	17.7624	19.1766	15.499	14.9166	16.0573	30
13.8219	15.4364	15.3563	15.305	12.9712	14.2974	30
14.4631	15.6887	16.1108	16.6616	13.8514	16.2564	30
15.2867	17.1708	16.3342	16.2866	14.7757	16.1729	30
18.2967	18.8176	17.3203	16.1687	15.6989	16.9506	30
13.487	14.3324	14.9037	14.5506	12.7501	14.0463	30
16.345	30	30	30	14.9108	16.7214	30
15.4419	18.4311	30	30	14.5772	16.9734	30
13.4893	15.1699	15.9866	16.3144	12.856	14.7406	30
15.2436	15.6376	17.8462	19.281	13.1363	15.8422	30
14.4517	16.745	15.871	15.5411	13.5698	15.2287	30
16.5269	30	21.0869	30	16.2344	18.4304	30
14.5845	18.0878	19.1877	17.8045	13.9814	16.4026	30
15.2525	17.3847	30	30	14.6395	17.0242	30
30	19.4691	30	18.8692	12.7238	15.2407	30
18.9648	18.3938	18.7577	19.0059	15.707	16.3689	30
14.0082	15.6717	19.2489	30	12.284	17.79	30
16.7526	16.4645	30	30	13.6723	16.9272	30
18.4866	22.4851	18.6034	21.4277	14.374	16.6089	30
30	16.8273	30	30	12.4972	16.5291	30
15.8086	16.6039	19.0153	18.1889	13.3506	15.886	30
15.0201	15.0228	17.7342	19.0712	13.9659	14.7742	30
15.9668	16.7894	30	30	14.0143	15.6854	30
30	30	30	30	15.3621	16.5969	30
15.9621	17.8027	18.5737	18.6529	15.6495	15.9817	30
14.4522	15.3879	18.8444	16.679	14.5037	15.3867	30
13.9162	15.311	19.1868	23.9685	14.1119	15.6362	30
15.0065	16.3762	17.0903	16.2336	14.3407	15.8621	30
13.6173	16.2931	15.3966	14.3215	12.259	14.3185	30
14.7109	16.0612	14.7819	15.2137	14.1347	15.4159	25.7265
16.922	17.2569	17.8221	16.2094	15.0944	15.5181	30

14.7664	18.4795	17.1176	16.8942	15.3827	17.3454	30
13.5809	14.853	15.6575	15.1877	13.0943	14.6376	30
15.2522	17.5451	30	30	15.555	16.7881	30
23.7884	18.3109	17.255	16.4435	14.5991	19.1771	30
13.984	15.5394	14.1535	13.7788	14.9513	17.3887	30
16.3875	15.7463	15.5756	16.2765	15.2294	17.231	30
14.2879	15.6278	15.8026	16.0433	14.4895	16.1355	30
15.9139	16.7084	30	19.0782	15.3863	16.0545	30
14.4024	15.4041	17.58	18.8794	15.5923	16.9462	18.2637
14.0042	14.8815	17.0571	18.695	14.3071	16.7378	30
16.1398	17.3062	17.4924	17.183	15.0335	15.449	30
13.9252	15.9646	30	30	13.3536	14.9938	30
15.8464	15.5057	30	18.8693	13.097	14.5458	30
15.0028	16.0017	17.5763	20.1851	14.623	16.5554	30
30	30	19.2313	30	17.0281	20.6642	30
15.9912	15.6639	17.7954	30	13.2996	14.9038	17.3563
30	16.3006	16.3756	16.0713	13.2157	15.4303	30
13.7977	15.0257	15.4361	15.5119	14.3802	15.8633	30
15.2473	15.2138	16.4732	16.8779	16.6656	17.8907	30
30	16.8178	19.8486	17.9013	15.5441	16.8841	30
18.1231	18.2607	19.0422	17.5438	16.4338	15.9562	30
16.9175	16.2299	16.8244	30	30	15.7209	16.1574

Ereg_A17	Fut2_A29	Fut2_A41	Gapdh_A53	Gapdh_A65	Gsk3b_A77	Gsk3b_A89
30	30	23.4668	10.7966	10.7294	14.8823	14.8382
30	30	23.1334	10.6289	10.5799	14.6883	14.8718
30	30	30	9.73646	9.62594	14.5719	15.4158
30	15.6394	14.5391	8.45393	8.42886	13.3292	13.2978
30	30	17.4964	10.229	10.2455	13.941	14.0712
30	16.7163	15.3258	9.65897	9.80081	14.6669	15.4578
30	30	17.2821	9.55516	9.57825	14.7886	14.67
30	13.2832	13.9177	11.8583	11.8981	16.2177	16.2725
30	30	23.1573	10.5377	10.5174	15.4315	15.6401
30	30	19.8207	10.4501	10.3495	15.3227	15.3251
30	30	21.9478	8.55945	8.5024	12.9846	12.9642
30	30	17.8009	9.09327	8.99269	14.6919	13.9696
30	16.9831	16.2876	10.5123	10.6273	14.4015	14.3983
30	30	24.592	10.3965	10.5302	14.3207	14.994
30	14.0937	14.7251	7.92122	7.88638	12.821	13.2431
30	30	16.7318	11.9888	11.9599	30	18.9125
30	30	25.1404	10.6715	10.9142	15.4592	15.6424
30	30	30	8.85131	8.96016	14.0979	13.4004
30	30	17.8506	9.92162	10.8149	14.2679	14.3823
30	30	16.4127	9.37199	9.65371	14.2743	14.3704
30	30	30	11.354	11.5514	16.0434	16.4237
30	30	30	10.594	10.6657	14.789	14.6768
30	14.8028	14.7029	12.5736	12.754	17.411	23.114
30	15.8089	15.5492	12.1012	12.291	14.4653	14.6593
30	30	24.3692	11.0973	11.1895	14.7324	15.1512
30	30	30	11.277	11.3246	17.3033	15.4155
30	30	17.6531	11.6632	11.7187	15.9807	15.3734
30	30	30	12.0208	11.9809	18.745	18.5838
30	14.7408	14.5871	12.7529	12.7635	16.2408	16.3262
30	30	21.5367	10.6216	10.8323	14.6652	14.9816
30	30	18.0453	10.3216	10.5001	14.7746	14.9521
30	30	16.9122	10.3489	10.3033	14.6305	13.7113
30	30	19.0987	12.8591	12.7851	15.9731	14.9814
30	30	30	11.6105	11.6033	16.5294	15.4601
30	30	24.0922	10.7056	10.6405	15.4577	14.8999
30	30	17.9528	9.60374	9.59597	14.1485	14.0828
30	30	17.7024	10.4312	10.4075	14.8071	14.1669
17.9453	30	16.7557	8.74169	8.67451	13.482	13.3274
30	30	17.5116	9.57876	9.50717	14.4031	14.968
30	30	18.181	10.9896	11.004	15.2293	15.5043

30	30	22.1569	10.0421	9.92938	16.5855	15.7496
30	30	19.5998	8.69547	8.60645	13.6771	13.4578
30	30	17.4899	10.5823	10.4893	14.5114	14.5099
30	30	26.4049	11.0841	10.9813	16.7855	17.7324
30	30	17.8164	9.74694	9.72459	14.1625	14.2829
30	30	30	10.7899	10.6722	14.4809	14.1613
30	30	18.3404	9.72826	9.61955	13.9045	13.7957
30	30	17.6697	11.4899	11.7907	16.4117	15.3661
19.6822	30	16.8684	10.2797	10.4435	15.19	15.3997
30	30	16.9158	10.0167	10.1598	15.0542	14.3913
30	30	20.15	10.5747	10.8496	14.7332	14.7866
30	30	16.9587	10.0127	10.0673	13.9993	13.4022
30	14.0646	14.3677	10.239	10.3327	14.4463	14.3165
30	30	21.2898	10.7972	10.9548	15.6604	14.5649
30	30	30	11.7479	12.1265	16.2492	15.8084
22.3603	30	16.6895	10.104	10.2367	14.5333	13.6986
30	30	17.0963	9.56547	9.60876	15.514	14.1602
30	30	18.4954	9.04943	9.08884	14.6182	14.8052
18.1945	30	16.7285	10.1695	10.1226	15.5552	15.9456
30	30	17.1611	11.93	11.9175	16.3328	15.7331
30	30	18.5614	11.3708	11.42	16.6239	17.1006
30	30	30	18.4022	10.7211	10.716	14.314

Gusb_A06	Gusb_A18	H6pd_A30	H6pd_A42	Hes1_A54	Hes1_A66	Hes5_A78
25.0679	17.2456	30	30	17.6868	15.8154	30
15.787	15.4322	17.4363	16.6602	16.1614	13.344	21.6189
16.8696	16.2712	16.4362	16.2362	14.9986	13.8389	20.8825
15.2286	14.5314	18.1822	19.3087	14.5971	12.2269	20.8569
17.9317	15.9863	18.0123	17.0645	14.9418	13.1816	23.3755
16.5127	15.2748	17.0191	16.1098	16.3689	14.7904	24.9753
18.4663	15.6713	30	20.1782	14.2012	12.1673	30
19.0475	15.897	30	30	30	30	30
16.5924	15.3065	18.1152	18.7228	15.0149	13.7738	20.108
17.6766	15.6489	20.2959	19.4065	16.4114	15.2185	21.0571
14.9461	13.5563	18.574	16.5962	16.1626	13.7386	23.8947
18.978	16.7342	20.2329	17.6478	15.9952	14.3987	30
18.1949	16.7665	30	19.9431	16.4935	14.4229	30
18.7802	17.1242	23.516	18.924	17.8028	16.887	21.9776
15.22	14.3315	18.6906	16.562	13.9561	12.2481	23.0668
30	16.0151	30	25.5671	15.4614	15.1259	30
15.3988	15.6944	30	22.8619	15.9092	14.5751	30
15.1995	14.1227	17.135	16.7719	13.5589	11.9582	30
16.531	14.734	17.9819	16.5798	15.365	14.1713	30
15.2785	13.656	17.0993	19.0791	15.1718	13.8459	25.3099
18.8975	16.5989	19.2261	18.442	16.9574	14.6871	30
16.3328	17.9212	30	19.1756	18.1398	15.8045	30
30	16.5875	30	30	19.6769	17.8545	30
30	17.6432	30	17.8134	30	30	30
17.3776	18.0662	19.4198	18.7478	17.7009	15.2451	30
16.6572	15.777	19.3414	20.3026	19.972	16.6753	30
19.1768	18.9142	18.2275	17.1026	17.286	16.0262	21.7722
18.6499	18.3013	20.3384	22.9563	22.4303	20.8963	30
30	21.2585	30	17.6485	30	30	20.2305
16.3216	15.5001	19.8173	18.1125	18.0137	15.5328	30
15.8917	14.7024	16.3097	18.364	16.1083	13.8112	30
19.3618	16.0517	18.6165	19.3708	20.7911	16.0966	21.1848
18.1085	16.2395	30	30	30	27.7883	30
16.5971	16.6072	30	24.2713	16.7753	13.6467	30
16.348	18.21	22.0799	20.5345	16.0873	14.4144	30
15.2722	14.3407	19.2592	19.3611	14.6968	12.4834	21.6962
18.0606	15.247	19.4492	18.1236	14.8408	13.7847	25.142
14.8142	13.583	20.4809	18.1147	14.5674	12.364	21.8029
17.1234	15.8913	30	30	17.4498	14.6165	21.7714
16.6503	15.7865	20.6954	17.7979	16.7738	14.1319	30

17.2084	15.2048	17.4883	19.0619	18.0304	15.2477	30
15.3926	14.7242	19.1334	18.7503	15.6745	13.3754	30
30	19.1747	22.9906	19.2008	17.5771	13.9422	21.4523
16.8302	15.2169	30	22.3405	15.8514	13.6348	30
18.5706	16.3356	30	21.5092	15.4704	13.1431	30
30	16.368	30	20.352	16.2583	13.8056	30
16.2991	15.8783	19.8554	17.2967	15.5362	12.388	30
30	18.2476	30	22.0067	15.9057	14.4037	30
18.9415	15.7911	18.9397	17.6015	19.9145	17.1928	30
16.0546	15.0136	17.7026	17.1461	19.541	18.1249	25.7275
15.8588	15.5133	19.0801	16.2274	18.5312	20.7566	20.529
19.2885	16.7563	30	30	14.1171	12.6263	20.6846
15.7588	14.9938	18.2328	17.4004	17.0676	14.6486	20.8575
19.3383	17.0567	30	22.0402	15.8008	14.8929	30
16.9605	18.4903	30	27.1115	22.995	18.7789	21.2244
16.6909	15.3299	30	19.2846	15.6282	13.7469	22.3705
15.5112	14.1102	20.3246	17.5997	15.0439	13.3055	21.9455
16.2112	15.6069	17.2368	17.0946	15.5717	13.6674	30
16.7667	15.9947	18.5985	19.2794	18.5515	18.3296	30
17.7917	16.7151	30	30	17.0711	15.1141	21.5477
16.587	15.8343	19.578	23.4462	17.9626	16.1263	23.0032
14.5776	18.3039	16.3976	19.2493	17.9758	24.0879	18.0503

Hes5_A90	Hif1a_A07	Hif1a_A19	Hopx_A31	Hopx_A43	Jag1_A55	Jag1_A67
24.6564	15.2546	15.2637	14.3388	14.48	20.9812	30
30	16.4392	15.2419	13.1272	13.1459	21.4932	19.9327
24.8578	15.1553	15.4637	13.8953	13.7595	23.6371	30
22.3207	14.2012	14.2298	10.9239	10.863	18.1526	17.0375
22.0657	14.3545	13.9528	12.9834	12.9393	18.8726	16.0295
27.7018	18.8912	16.6677	12.1962	12.1197	18.2958	15.5086
30	15.4311	13.4205	13.2566	13.192	24.4154	30
30	15.2725	17.5748	14.2962	13.9506	23.3689	30
30	16.4483	15.1751	13.6612	13.592	18.3698	17.3991
23.009	15.6946	16.868	13.2251	13.0334	21.8791	30
30	15.1365	14.0388	12.4949	12.4477	21.0752	17.8908
23.9815	16.6187	14.4463	12.4522	12.4422	18.127	15.9875
30	15.2739	15.0993	13.389	13.2177	17.5757	16.8088
23.73	14.9834	15.0116	14.1068	13.4287	24.3973	30
22.8759	13.9687	13.3498	11.3024	10.9603	15.4969	15.1244
30	17.4552	17.5714	15.0401	14.8511	21.4474	30
30	18.378	16.5198	13.7704	13.5443	23.3846	30
30	13.7442	14.1215	12.3295	12.3441	16.5135	15.5733
30	17.2091	15.6471	12.3008	12.6827	17.4522	19.2422
21.537	14.9352	13.8426	12.8994	12.8814	21.2421	17.168
30	16.4575	15.1596	13.402	13.4662	21.4189	18.4639
30	16.2914	15.6355	13.6182	13.735	21.1202	30
30	18.1811	13.8872	13.4927	13.5382	19.0043	30
30	14.9325	14.8821	12.2802	12.1903	18.9635	30
30	16.3341	16.4423	13.8731	14.5143	18.7853	16.624
30	16.4025	14.9172	13.6141	13.499	18.7476	21.3768
22.4818	16.0419	15.5023	13.6149	13.6066	19.8118	30
30	22.2334	25.2373	15.22	15.2515	22.9104	30
30	15.5314	15.3658	14.0491	14.0582	21.1309	30
30	16.5394	16.574	13.9801	14.0215	18.5313	16.7684
26.1602	17.0347	20.1316	12.5357	12.5102	23.4398	21.0088
23.0256	30	17.8836	14.0247	13.9852	19.8531	30
22.005	16.3487	19.0186	12.6776	12.5948	22.3145	30
23.9868	16.7415	17.0733	13.3356	13.3318	20.2987	18.6421
30	16.4285	17.7302	13.9909	13.898	19.6379	17.3401
25.8123	14.3053	14.0789	13.4331	13.4407	20.5548	16.7129
30	14.1283	13.0911	12.828	12.9163	17.7307	16.5757
25.5885	13.2072	12.9604	11.9304	11.9018	19.2371	16.4085
30	14.6522	13.807	14.5853	14.5253	17.6741	16.9026
30	16.035	15.1839	13.718	13.7233	24.1051	30

26.1425	24.8696	17.1491	13.6291	13.4919	21.0018	30
30	15.4973	14.6862	13.417	12.8379	19.2075	16.9389
22.4301	15.994	15.0363	15.1062	14.9579	18.9375	17.3248
30	16.6796	16.2579	15.4238	15.5047	17.0256	16.1098
30	15.6661	16.8364	16.3652	16.1447	19.5524	30
30	17.0456	18.0004	12.9904	13.0337	27.2456	30
30	14.6619	13.8212	13.3066	13.3556	16.2612	15.1484
30	15.145	14.7692	14.3336	14.4797	23.6857	30
30	17.5418	16.579	13.8906	14.0495	18.9828	17.6575
27.9534	15.1306	14.9188	13.978	14.0434	22.9467	18.5945
21.5382	16.1866	16.4409	14.2016	14.3371	19.4698	18.4358
22.0019	15.9689	15.5435	12.517	12.5553	17.5685	16.8146
21.8635	14.4893	14.5267	12.0041	12.0973	19.2767	18.275
30	15.1514	14.3398	14.2931	14.3257	24.9148	18.5594
30	19.3454	30	13.5068	13.5773	18.6254	30
20.6114	16.7567	15.7123	12.6613	12.7389	17.3669	16.3335
23.1201	15.2797	14.5085	12.866	12.9259	18.6302	16.1769
30	12.8494	12.1793	16.0526	16.025	16.8896	16.159
24.8451	18.1503	17.0787	14.9817	15.1813	19.3983	21.7832
21.2403	16.878	17.795	14.9174	14.9484	17.7432	17.0393
23.0786	16.2411	15.6176	14.1557	14.1659	18.4757	17.1913
30	30	15.5082	14.9413	13.4032	13.2675	21.5141

Lgr5_A79	Lgr5_A91	Lrig1_A08	Lrig1_A20	Lyz2_A32	Lyz2_A44	Msi1_A56
16.766	30	14.2415	14.7081	24.1368	19.2341	15.9665
12.7177	14.5623	14.1932	14.6686	23.9148	17.9841	14.1092
14.9338	16.4227	15.2414	14.363	26.835	30	16.1024
14.8797	16.3901	13.7187	13.795	24.6268	18.2427	15.0815
11.587	12.6699	12.8729	12.9409	22.229	20.6319	13.1377
17.308	30	13.9017	13.6688	23.8235	18.1992	17.0098
13.3299	14.3813	13.6937	13.2294	24.4264	30	13.5989
30	17.9195	30	30	21.8235	18.7697	30
17.0735	17.6497	15.3241	15.7836	22.6509	18.6458	14.9713
15.7024	16.0838	14.4983	14.8445	22.6623	18.7061	15.0391
13.9402	16.2306	12.9596	13.3061	21.7354	17.7515	13.0872
15.4681	18.0236	13.4422	13.874	23.0867	17.2296	14.9772
30	30	15.8121	15.4563	21.5602	30	16.5343
14.5648	30	15.2979	15.321	23.3518	18.3497	14.8634
15.0075	16.9592	13.8747	12.7011	22.6624	23.1426	14.2648
14.3645	15.4497	14.8516	16.6564	21.7879	18.5669	16.1875
15.553	18.4725	14.5615	15.0398	21.5893	18.5626	14.4147
16.9011	18.6058	13.4153	12.7736	20.9891	16.8785	13.4655
24.0653	19.1926	14.0066	13.8005	22.2909	18.7304	16.5875
16.244	19.386	14.1696	13.5087	22.1606	18.0668	16.0537
14.1899	15.5926	15.9882	16.15	20.1415	30	13.9778
13.417	15.5828	14.3788	14.9941	19.8659	18.7022	13.9605
14.7878	16.3901	30	18.2114	22.845	18.2324	15.6982
30	30	16.0396	17.3438	23.6868	18.6194	14.7049
14.1632	15.7311	14.3888	14.67	23.003	30	17.6086
14.2626	16.2308	13.8596	13.9509	22.7841	30	16.3842
12.3565	14.8646	14.411	14.7132	21.2918	20.3751	15.6845
17.3593	17.468	24.148	19.2908	25.3493	21.0471	15.3226
30	30	17.7886	17.62	25.3493	19.2726	16.1916
11.9997	13.5734	13.7444	14.5583	24.4302	30	16.2115
14.0398	16.0114	17.3801	14.8304	26.6148	22.9506	13.4609
13.6024	15.0606	14.4671	14.1671	24.0182	16.8334	15.2154
17.2803	18.0724	18.7808	17.5651	21.4545	24.5983	13.8473
13.9196	16.6143	15.5812	15.4784	23.9645	21.3995	13.954
16.0915	30	14.1309	13.817	23.6784	17.5743	14.5175
17.3825	17.4333	14.5716	15.7951	19.5573	18.8837	18.0956
12.3351	13.86	14.4229	14.0458	22.6079	18.0043	13.5998
16.7264	18.0783	13.7608	13.0012	22.206	19.0268	14.4297
30	20.2448	14.7336	14.3269	23.3975	17.1892	30
12.7697	14.0164	14.8481	15.8349	22.2048	17.4992	14.1299

16.6587	30	14.6494	13.5483	22.4359	19.4941	15.7514
26.3881	30	14.2532	14.9177	22.513	18.048	30
17.7488	30	16.607	14.7472	22.2485	21.1034	14.3
13.3655	14.7983	15.1625	15.0686	22.1788	18.2035	15.0656
30	30	14.9442	15.0003	21.0471	17.134	17.3061
15.0023	30	16.7328	16.3658	22.0803	19.2494	14.9075
15.1497	16.3287	14.3387	14.3018	23.6714	21.181	13.104
14.0373	16.0993	14.0826	14.0537	20.5528	17.6656	14.2794
25.5656	30	14.9025	14.8473	20.8089	17.7675	16.1099
30	30	15.0708	15.4389	20.5353	19.6989	17.6964
15.2073	16.3452	14.8109	14.6637	21.9351	21.515	14.4978
13.3494	16.1449	14.1708	13.9332	23.8899	18.2077	13.0292
13.5319	14.9973	13.2884	12.7736	19.8465	17.88	14.3865
12.9899	14.3236	15.4677	13.553	21.7463	19.6818	16.3705
15.6458	15.5067	15.9338	13.549	12.0957	11.1428	30
14.082	14.3812	12.615	12.8632	21.3206	17.1941	14.8872
18.051	16.3314	14.012	14.1955	22.7264	18.0211	14.6843
30	30	14.8608	14.4579	23.9399	19.6299	18.5461
24.8588	30	18.6276	18.7684	24.4988	17.1362	30
14.9644	16.7272	14.817	16.6311	22.0246	30	15.1703
16.8276	18.3634	14.908	14.8472	22.6596	18.2989	14.9085
18.4251	13.1633	14.0715	13.9132	12.8282	20.6378	18.9468

Msi1_A68	Msi2_A80	Msi2_A92	Myb_A09	Myb_A21	Myc_A33	Myc_A45
16.9654	15.2299	17.0938	13.4962	14.3097	13.7186	13.7174
15.3778	13.9214	15.6749	13.5149	13.6484	12.2047	12.5283
17.6933	13.9407	14.6997	11.5605	11.9007	14.9786	15.2241
16.7668	13.2036	13.9757	11.3654	11.9327	11.2129	11.5867
14.8696	16.4914	17.7001	12.7922	13.5455	16.1621	15.159
26.9153	14.779	15.852	12.2768	12.3012	12.3289	12.8295
15.7192	14.2066	15.346	11.6771	11.6561	13.0822	13.2975
19.0441	16.0982	16.1714	14.8731	16.2368	30	19.1256
17.2569	15.6291	17.8633	13.2518	13.5734	14.0795	14.1085
14.7382	15.2738	17.4392	12.7942	12.8693	15.0307	15.7483
16.434	13.7609	14.7845	11.5232	11.8861	12.0067	12.5268
16.3741	15.2496	16.4279	11.5312	11.977	12.5358	12.944
30	13.2649	14.0737	12.5316	12.9853	12.4762	12.9371
17.9791	14.3453	16.8563	13.4085	13.8189	12.0906	12.2462
17.2234	13.2255	14.6266	10.7612	11.2764	11.8527	12.1414
18.9848	19.2762	16.9455	16.2136	15.9382	13.6834	14.8027
17.5422	15.9973	18.4884	14.4373	14.1598	15.0885	15.7637
14.9363	13.5147	15.2759	11.0333	11.184	11.8597	12.2992
19.5671	15.5501	17.0025	11.4329	11.714	12.558	12.8103
19.0557	14.4862	15.81	12.0372	12.439	12.7585	13.599
15.6487	16.6808	19.7574	15.1926	15.5433	13.9873	13.926
16.9499	16.164	17.1959	13.9953	13.4315	14.7619	14.1094
17.9067	16.1279	14.3273	15.059	15.6777	15.3827	30
16.9029	14.3074	14.8266	12.8096	13.4326	16.6224	30
19.4378	17.3118	17.253	15.2058	15.484	13.1907	14.1238
16.4319	15.3805	17.3186	14.6001	14.9281	14.0252	14.7503
16.7697	15.9181	17.4777	15.0763	16.3726	14.8007	14.9641
15.9259	18.6679	19.0914	16.3545	15.5217	18.7433	16.2395
17.4357	16.3079	16.4922	30	24.0127	16.3445	16.234
17.3513	16.2696	17.6366	12.8124	14.2057	15.1059	14.8288
16.0029	15.7478	16.569	12.9149	13.2555	14.6914	13.9165
17.4322	16.0448	17.7697	13.5094	13.893	14.1078	14.7469
17.0367	13.9057	15.3209	30	27.7777	16.6306	16.7776
15.9216	15.3195	17.0776	13.8712	14.0115	13.6001	13.331
17.2684	15.5957	17.0907	13.5594	13.8386	12.8387	13.3626
30	14.809	17.257	11.6793	12.1841	13.2939	13.4305
16.5208	14.2401	15.195	13.0949	13.304	13.6054	14.3046
17.2481	13.9015	15.5677	10.8877	11.3434	12.646	12.8446
30	14.703	16.279	12.5851	12.9295	14.3665	15.7718
16.31	14.9337	16.3239	12.9944	12.8604	15.2008	16.7713

17.9744	14.8365	16.0945	13.6637	14.2169	14.2393	14.7566
30	13.9428	15.9792	12.0032	12.1249	12.7278	13.3902
17.8288	14.8347	16.3894	12.8115	13.434	15.0542	15.0173
15.9994	16.0802	16.9405	14.1134	13.883	12.7266	13.5121
30	14.4063	16.5942	14.6789	14.6959	15.8132	18.015
16.4936	16.7271	17.0777	12.8403	12.8405	14.8969	14.0545
15.3573	14.4698	15.6566	12.4708	12.8158	15.4797	15.0239
18.065	16.0254	18.4258	13.8635	13.5177	16.8005	16.657
25.2109	14.9161	16.2679	12.6642	12.9222	12.4873	13.5032
22.635	16.0026	16.642	13.6088	13.894	14.1286	14.6482
18.3298	15.4172	17.5061	12.5085	12.7969	12.7822	13.8139
16.7183	15.4019	16.3769	11.6484	11.8282	13.6391	13.5822
16.0655	13.8315	14.5801	12.1891	12.0625	13.4476	13.9283
30	15.1135	15.6266	13.3521	13.4983	15.1385	14.6646
30	15.1973	17.2257	17.9819	18.9515	15.434	14.8979
19.2287	14.6418	16.5432	12.3156	12.8419	12.705	13.3942
19.2046	14.6223	15.9345	11.9557	11.9166	12.7068	13.0583
30	15.5682	17.4966	11.813	12.2396	13.811	14.0762
30	17.9997	17.7579	15.7585	16.2616	17.5011	30
17.0584	17.785	19.5125	13.376	14.1026	15.9575	16.937
17.8534	15.3077	16.4853	13.5358	13.8284	12.1143	12.7417
13.8322	16.1651	15.4498	16.2894	13.4449	13.3389	12.4254

Notch1_A57	Notch1_A69	Numb_A81	Numb_A93	Olfm4_A10	Olfm4_A22	Pcna_A34
15.2176	15.4388	18.6512	15.038	9.6191	18.674	14.3157
15.3922	15.0092	17.1996	15.1938	8.23569	13.166	13.6614
14.6389	17.3275	15.9339	14.2872	9.24069	30	11.6581
14.2543	15.1067	16.4486	14.906	10.0267	20.3527	11.353
13.9667	14.0474	19.88	15.7466	7.15418	11.6557	16.0387
15.2478	15.3669	18.5457	16.7328	11.6337	16.4135	11.8669
16.3894	18.2496	18.6476	15.8027	7.28213	13.4692	13.0853
21.5775	30	22.3351	17.4282	18.3995	16.9526	16.2383
14.7217	15.6101	17.7937	15.5144	9.324	14.3515	12.8622
14.5316	14.6774	17.4921	16.3246	9.57129	13.6796	12.7082
14.5567	14.22	16.1652	14.2617	6.73217	13.5648	11.7777
15.3531	17.389	16.6636	18.2238	9.66427	13.1705	12.6888
15.7283	18.1739	18.5088	15.4903	12.8595	17.5435	15.9999
17.6362	16.2315	17.0233	15.351	9.92497	16.1336	13.7803
15.9717	15.5014	15.7993	14.6285	11.2879	14.9106	11.5947
15.971	15.9254	30	30	8.49069	18.3088	16.9152
14.5303	15.352	21.4253	15.9896	8.0099	16.2931	16.3377
14.4061	14.564	16.2452	14.7955	7.73463	16.249	10.6826
14.2269	14.0848	18.4757	15.8998	8.35191	14.7525	12.5011
15.7523	15.2818	17.8308	15.3433	10.5486	17.6436	14.4015
18.0153	18.2618	20.4799	18.0457	10.0787	13.3188	15.7731
16.3114	15.1472	20.2418	17.5458	8.89358	14.6956	14.0601
19.496	19.6249	19.6772	15.9967	15.3328	14.5271	16.486
14.0358	15.033	18.4576	17.4734	18.106	16.4798	16.3807
15.067	14.9377	16.208	17.6398	9.55583	14.3955	15.78
13.7746	15.4954	20.7229	16.411	8.9926	13.0551	14.8252
14.4985	15.829	19.6713	17.1439	9.12827	13.6719	17.6334
15.2725	24.181	23.449	18.1743	14.8276	18.4839	16.898
15.5549	30	18.5528	30	16.9798	30	30
14.0386	16.2441	18.0037	15.3691	8.71101	12.9696	13.8395
14.73	18.3464	18.842	15.4756	8.87653	13.5249	13.638
15.0484	16.4557	17.9098	17.2619	9.49041	14.3387	12.9436
16.3233	19.5078	19.583	17.8506	30	18.1304	17.1804
15.4935	16.8023	19.1226	16.3266	9.49816	15.2158	13.5848
14.867	15.2646	17.3915	15.6326	8.97719	14.0847	15.3248
17.1302	16.6899	16.2219	15.0917	9.32463	17.8051	14.705
14.3025	14.2158	17.1859	14.9162	7.78897	12.4567	15.3945
14.3782	14.6063	16.2118	13.977	8.19767	17.1364	11.2988
16.0263	18.6169	15.9603	14.6295	15.6313	23.0188	15.8653
17.3352	18.3665	17.462	16.9433	8.60304	14.9725	15.7689

15.1735	14.5415	21.6412	18.2092	9.74137	18.6803	12.2693
15.6706	15.6926	17.0082	16.1685	12.6748	18.249	13.8608
15.2509	15.0595	16.9672	15.6704	9.29801	16.6837	14.9874
16.2427	17.43	17.9146	17.5519	9.68402	14.5332	15.1389
15.7023	16.5687	15.9694	14.2309	16.5759	19.0367	15.1942
15.3762	15.5571	19.215	14.9965	9.78901	15.4343	15.1201
16.6918	15.8353	19.6861	18.1893	9.7193	14.4269	15.5937
15.0072	15.6484	19.8969	16.9967	8.37158	14.7197	15.2025
17.8853	18.6996	18.7849	16.0252	12.4413	30	11.9061
16.7373	17.0818	16.6996	15.2177	10.8532	30	11.6933
16.2296	15.6306	18.1522	19.1333	9.20324	15.0397	12.2643
14.8641	16.2039	16.4364	15.3768	7.44791	11.6947	13.0738
14.6229	14.7371	18.6189	15.8731	8.69678	13.9366	13.7676
16.0904	16.9921	18.1481	16.9238	8.54468	13.4631	13.2798
16.3467	30	20.7727	17.7008	16.3322	16.7302	15.677
14.4227	15.7727	17.3248	15.5021	7.74809	14.2469	13.009
15.1193	15.9546	16.944	15.6299	11.0068	18.1175	11.1507
17.3557	16.9675	16.6757	14.4928	16.2708	30	14.6068
22.6833	30	18.5978	15.9505	18.1395	30	15.2768
17.7253	15.9811	30	18.5926	9.92305	15.8142	15.6949
17.2299	17.5771	23.7052	18.7148	11.5319	18.6492	15.5561
12.5303	15.5475	15.7909	16.9203	16.8701	8.88509	14.3189

Pcna_A46	Ppargc1b_A5	Ppargc1b_A7	Rhoa_A82	Rhoa_A94	Saa2_A11	Saa2_A23
12.4696	15.3052	14.0226	12.6424	14.9059	22.7274	18.2754
12.1869	16.3885	19.4867	12.1608	13.4779	30	19.3223
10.5277	15.3145	13.8764	11.52	12.7606	30	17.2976
9.72205	14.8594	13.1374	9.6601	11.4638	30	15.7139
14.0804	14.7669	14.7462	11.9098	13.5051	19.1318	17.3312
10.4827	18.0932	14.4111	11.8922	13.8032	20.1301	17.9208
10.6423	16.0902	15.5615	10.767	13.1938	22.7823	18.8155
17.8073	30	18.2572	13.0433	13.9983	30	30
10.8923	16.9486	14.674	12.1755	13.5393	22.3876	17.2917
11.4929	17.906	18.0214	11.8619	13.6204	30	21.303
9.91511	15.2254	13.1907	10.002	12.0213	23.6848	17.176
10.8001	17.2071	14.7585	10.7233	12.9208	22.8244	17.7614
14.1564	30	15.3968	11.8725	13.1093	30	19.4566
11.3099	16.6164	14.1007	11.2474	13.9753	23.2363	18.754
9.78022	14.2092	12.2523	9.48178	11.4862	19.7386	16.648
14.1103	30	17.6901	13.802	15.2824	23.7025	19.9835
14.5389	16.0417	14.215	12.4332	14.9866	18.8833	16.7839
9.2316	14.1331	12.4001	10.6178	12.3019	30	17.0748
11.227	15.527	14.9806	12.2023	13.8339	19.4404	17.228
13.6625	15.1616	13.2576	11.6208	13.2402	30	20.7381
14.01	30	16.3855	13.3747	15.2651	30	30
11.7142	16.2737	14.6057	12.0351	14.6407	18.6354	17.7356
16.5445	30	18.0227	14.0032	15.6111	20.8868	17.3613
15.7696	30	30	13.4096	14.8082	20.0161	16.7231
14.5211	18.7007	15.3836	13.3738	15.8178	21.0435	18.7362
13.1396	18.3922	15.2527	12.7398	14.4654	30	19.3171
15.0295	18.3322	14.9844	13.139	15.2732	19.9419	17.1262
17.4256	18.955	19.1691	14.2875	14.9297	30	19.7386
16.6311	30	30	13.1255	14.1432	30	16.2325
11.5128	15.752	15.2614	13.2333	14.9126	30	22.2745
13.0383	14.8645	14.3298	11.8726	12.8682	22.4983	18.823
11.8011	15.5002	13.1249	12.0339	13.665	30	16.4117
14.7342	30	30	13.2647	15.1716	30	30
12.5727	18.7106	15.3163	13.0713	14.477	30	26.5346
14.5637	17.5562	14.09	12.2034	13.4941	23.2599	17.4572
14.1357	13.9979	13.2639	11.1387	13.1552	18.4948	17.4594
13.8012	15.9122	15.5913	11.5079	13.4341	19.0894	17.4075
9.68521	13.7486	12.068	10.1659	12.1007	20.6637	18.1974
14.0731	14.3487	12.7002	11.1233	12.6827	30	18.8427
15.7197	15.8788	14.0436	12.1154	14.0472	30	30

10.7981	16.9954	14.7664	11.8202	13.5927	19.917	18.0739
12.2621	14.3421	12.6266	10.0469	12.0629	19.9361	17.1773
13.2782	16.5661	15.0289	12.2048	14.2253	20.4865	17.556
13.6955	17.3344	14.1942	12.9665	14.5761	23.4169	16.9735
13.5508	15.0411	12.8981	11.6795	13.4611	30	30
13.7927	15.2364	13.6782	12.5259	14.8104	30	30
13.7962	16.0732	13.9506	11.5247	13.7238	23.2953	21.0562
14.6647	17.0504	15.4323	14.2228	16.0616	19.7496	16.6526
11.3178	16.2549	13.8248	12.6773	14.0633	18.0059	17.3317
10.6209	16.4122	14.1918	11.5775	12.9426	21.2554	16.7071
11.3385	17.069	14.8931	13.4821	14.401	30	19.424
11.7292	15.7437	14.1607	11.0588	13.4323	22.4651	18.3505
13.1976	16.7241	14.3702	11.9978	13.3593	18.7328	16.605
12.0733	16.929	16.6742	12.845	13.8264	30	20.6145
13.474	30	30	12.3402	14.2091	30	27.3716
11.8499	16.8448	15.488	11.7788	13.1799	20.3232	15.7024
10.3897	14.7885	13.6285	11.8284	12.8987	21.6594	16.2358
13.1008	14.4167	12.366	10.4944	12.5051	19.978	17.6281
14.2933	16.6183	15.056	11.9822	13.1193	21.2428	16.7822
13.8797	30	17.3282	13.9485	14.8335	30	30
14.38	16.1542	15.0507	14.1713	14.9129	25.5936	20.9349
13.5374	16.6305	16.303	12.1606	14.1705	30	30

Sirt3_A35	Sirt3_A47	Sox9_A59	Sox9_A71	Tat_A83	Tat_A95	Tcf4_A12
19.1006	17.3403	14.3247	24.9901	30	30	17.1718
19.6493	18.5129	12.4238	21.5184	30	30	14.8529
30	30	14.1598	23.8004	30	30	16.121
17.3753	15.983	11.2416	20.7033	30	30	14.748
17.0541	17.3965	12.8613	21.9854	30	30	15.7953
17.332	16.7119	14.0751	23.5024	30	30	15.4158
17.9467	17.2419	12.4039	22.1204	30	30	15.9849
30	16.8295	12.9796	22.1394	30	30	17.1106
30	30	14.6474	24.3204	30	30	17.8718
23.3018	30	13.8453	24.195	30	30	18.2157
18.7549	16.6369	11.4754	21.1746	30	30	14.9676
17.4831	18.4585	12.1889	21.8053	30	30	16.3074
17.6824	17.5166	12.9717	21.6962	30	30	15.6488
18.4371	30	14.7694	21.8659	30	30	17.9729
17.5928	17.376	12.2053	21.6774	30	30	14.4231
30	17.8083	14.6691	23.8253	30	30	17.1073
17.0932	21.3394	14.6467	22.9139	30	30	15.3186
17.2105	18.6004	13.3581	24.2372	30	30	13.5016
30	23.5979	13.1419	22.1022	30	30	16.3119
17.2182	17.7574	14.0416	23.6381	30	30	15.3588
24.2663	18.355	13.868	23.8642	30	30	17.5392
18.9251	18.9511	14.9053	27.7776	30	30	17.8885
17.8921	30	12.0985	20.4578	30	30	16.9145
18.6966	18.202	12.589	22.2928	30	30	17.2602
30	18.6985	15.9632	24.1347	30	30	16.5761
18.3959	19.4174	13.4347	23.2937	30	30	16.3402
30	30	14.7985	25.1162	30	30	16.8035
25.91	20.4422	16.9692	30	30	30	23.5667
17.9101	17.7798	30	30	30	30	30
20.315	21.4899	14.4649	23.6215	30	30	16.3977
21.3053	17.1564	14.428	24.6682	30	30	18.3299
30	17.6446	14.6134	27.4305	30	30	16.6947
30	19.0823	14.7024	27.8452	30	30	17.8184
30	17.9148	13.792	23.3739	30	30	16.8173
19.9548	17.6202	13.7222	23.7435	30	30	17.9748
16.4928	18.4113	14.0492	24.0859	30	30	14.2575
30	18.418	11.925	21.7393	30	30	15.5015
17.7485	16.5603	12.0734	21.8525	30	30	15.0244
17.6	15.8657	14.2785	25.3699	30	30	15.554
30	17.4627	13.4528	23.1352	30	30	16.234

19.1859	21.4022	14.9159	28.4803	30	30	15.8078
16.7296	16.9732	13.7646	20.9038	30	30	15.1768
30	18.2888	14.8529	23.6261	30	30	17.7974
17.7071	17.8177	14.3054	24.4295	30	30	17.0643
16.6828	17.7512	14.7749	23.5967	30	30	16.6345
20.3062	19.5185	13.9213	23.7167	30	30	16.7855
17.4773	17.5569	13.7515	23.3706	30	30	16.4023
18.6161	19.2435	13.6954	25.3092	30	30	17.3111
18.0608	18.3651	14.4813	23.3765	30	30	15.8868
15.9514	15.5782	14.9994	24.1451	30	30	16.078
19.3136	19.0405	14.1655	22.8591	30	30	15.8092
30	30	12.7918	23.5391	30	30	15.5489
17.1588	16.5011	12.7413	22.9627	30	30	14.499
30	30	14.1121	23.625	30	30	14.9557
24.1883	30	14.4998	24.7588	30	30	14.2428
21.532	17.8032	13.229	22.6707	30	30	15.8386
15.786	16.798	14.8588	24.4076	30	30	15.5837
16.7845	19.1087	14.4968	24.4199	30	30	14.1249
19.9506	17.9302	16.2941	30	26.078	30	15.6117
30	30	14.8529	24.7319	30	30	30
22.9987	18.9545	14.9948	23.8492	30	30	18.1047
19.0867	18.3463	12.9996	24.7278	30	30	16.3543

Tcf7l2_A24	Tert_A36	Tert_A48	Wnt3_A60	Wnt3_A72	Wnt6_A84	Wnt6_A96
25.312	30	30	30	21.4849	30	24.4848
19.2431	30	30	17.5196	18.8334	30	27.7374
20.0131	18.7205	20.8949	30	30	30	30
19.4178	18.6701	18.1238	30	30	20.6664	30
22.0941	30	30	17.1312	17.3837	30	27.1279
17.7138	30	30	15.4986	18.3057	30	25.3756
18.9695	30	30	30	30	30	30
21.1224	30	30	30	30	30	30
21.3235	19.4836	30	30	30	30	30
21.336	30	30	30	30	30	30
17.7277	18.2871	30	30	30	30	25.9125
21.6897	18.5405	30	30	30	30	30
19.6738	30	30	30	30	21.3415	21.5568
26.4592	30	30	30	30	30	30
17.4803	18.6774	30	30	30	21.2716	24.9041
19.2992	30	30	30	22.4124	30	30
20.3529	30	30	30	30	30	25.7745
16.949	18.4355	18.7438	30	30	30	24.8011
21.4175	16.3573	18.5179	30	26.1443	30	30
18.0908	30	30	30	25.4563	30	23.5546
23.7182	30	30	30	30	30	30
21.6037	30	30	30	18.754	30	27.7209
23.1251	30	30	30	23.2925	30	25.26
19.8973	30	18.8544	16.5772	19.489	30	30
20.7708	17.1051	19.7202	30	30	30	30
19.4673	21.8083	30	30	18.8557	30	30
23.2414	16.4319	19.0321	17.8014	18.5677	30	25.962
30	30	30	30	22.0392	30	30
30	30	30	16.12	16.2667	30	30
19.6463	30	30	30	30	30	30
22.7725	19.3069	30	30	30	30	30
23.6669	26.7276	30	17.7105	25.008	30	25.4277
20.6391	30	30	14.2543	15.9413	30	30
22.9404	30	30	30	30	30	30
22.7219	18.6867	30	30	30	30	30
18.1802	30	30	30	30	30	30
19.7202	18.5348	30	30	30	30	30
19.3012	18.7223	19.2278	30	30	30	30
19.0847	30	30	30	30	30	30
21.7439	30	30	30	30	30	30

18.464	26.1273	30	30	30	30	30
19.074	30	21.6987	30	22.6527	30	24.802
22.4796	30	30	30	25.3795	21.3518	20.9373
22.4665	30	30	30	30	30	30
19.5788	18.5038	17.9155	30	30	30	30
21.0633	30	30	30	30	30	30
21.0928	18.5582	18.6724	30	30	30	30
21.1489	30	30	30	27.4868	30	30
20.5511	30	30	30	18.8286	30	26.9279
20.0235	30	18.4407	21.2916	18.08	30	23.3938
18.5957	18.3387	20.5749	30	30	30	30
18.9642	15.9426	17.9115	17.8266	23.0777	30	30
19.3145	17.1187	19.7182	30	30	30	30
19.7176	17.1197	30	30	30	30	30
17.9292	30	30	12.5546	13.6697	30	30
22.6931	18.3628	19.9751	30	26.112	30	26.7763
19.1661	30	30	30	30	30	24.0725
18.8649	17.7385	19.3903	30	30	30	28.6273
20.9953	27.2457	30	30	30	30	30
20.2564	30	30	18.0565	19.7582	30	27.9184
21.6446	30	30	30	18.9288	30	27.286
21.0158	30	30	30	30	30	26.1155

sampleID	Group	Areg_A01	Areg_A13	Ascl2_A25	Ascl2_A37	Atoh1_A49
S10	Lgr5-CreER	30	27.6174	16.2635	30	17.0024
S11	Lgr5-CreER	30	30	14.162	14.2138	27.6955
S12	Lgr5-CreER	30	30	14.4347	16.1906	19.0003
S21	Lgr5-CreER	30	27.7218	14.2629	14.6713	17.6581
S22	Lgr5-CreER	30	30	14.3204	15.9904	17.9765
S23	Lgr5-CreER	30	30	15.5141	26.5983	16.8986
S24	Lgr5-CreER	30	30	14.0727	14.0054	30
S33	Lgr5-CreER	30	30	14.2826	15.2748	27.4479
S34	Lgr5-CreER	30	30	15.382	17.6198	14.7247
S35	Lgr5-CreER	30	30	16.5456	19.121	18.07
S36	Lgr5-CreER	30	30	14.4859	18.9437	18.0436
S45	Lgr5-CreER	30	30	23.2659	30	22.9103
S46	Lgr5-CreER	30	30	13.5377	14.2797	18.7725
S47	Lgr5-CreER	30	30	14.0714	14.4689	30
S48	Lgr5-CreER	30	30	18.4059	30	21.3365
S57	Lgr5-CreER	30	30	15.0116	17.946	17.6562
S58	Lgr5-CreER	30	30	12.2268	14.9297	16.7603
S59	Lgr5-CreER	30	30	14.6979	16.0564	30
S60	Lgr5-CreER	30	18.7564	13.2863	15.4195	17.3623
S69	Lgr5-CreER	30	30	14.6605	15.12	30
S70	Lgr5-CreER	30	30	14.7505	30	18.9083
S71	Lgr5-CreER	30	30	14.238	14.4375	17.6928
S72	Lgr5-CreER	30	30	13.8784	14.5529	17.1916
S81	Lgr5-CreER	30	30	12.8012	14.268	15.8099
S82	Lgr5-CreER	30	30	15.9307	30	30
S83	Lgr5-CreER	30	30	15.9543	16.4016	19.4673
S84	Lgr5-CreER	30	30	16.927	18.7781	22.4872
S93	Lgr5-CreER	30	30	14.6568	16.4157	30
S94	Lgr5-CreER	30	30	14.7692	16.2505	18.4755
S95	Lgr5-CreER	30	24.8523	15.3486	17.7081	20.0556
S96	Lgr5-CreER	30	30	16.2857	18.146	18.705

Atoh1_A61	Axin2_A73	Axin2_A85	Bmi1_A02	Bmi1_A14	Bmpr1a_A26	Bmpr1a_A38
19.6194	13.5863	16.0509	14.2578	13.3998	16.64	16.1505
30	11.9576	13.6128	14.5002	14.4066	16.2815	15.7644
21.5508	11.5944	12.9077	15.2041	15.3683	15.0253	14.5739
17.9465	11.7044	13.1553	15.5235	14.23	14.1405	15.0958
17.6399	11.4843	12.6357	15.0946	13.705	13.9244	14.6853
24.1602	13.2185	14.3714	16.7927	16.2049	14.4907	15.9128
30	10.9915	12.8763	15.4378	15.3052	13.6509	14.9731
30	12.9052	14.2636	16.4015	14.8661	14.8543	15.6792
15.2932	12.9774	14.3529	15.8422	16.1525	15.3324	15.3697
19.3028	11.9375	13.4382	16.0848	15.9537	15.3655	15.4453
16.4031	12.9115	14.8259	22.8196	16.1659	14.8637	15.9611
18.4538	14.121	15.1445	18.1476	16.1425	15.4194	14.4364
21.9532	11.2626	12.5507	14.8637	14.9756	13.7962	14.536
30	12.2325	13.3363	17.9018	18.253	15.3849	15.6673
19.743	12.7222	13.8059	13.1207	13.3474	13.1842	13.8526
21.0609	12.576	14.4784	17.8662	15.6527	14.8541	15.3431
18.1328	10.3736	11.5136	13.8877	12.7062	12.6743	12.4451
30	12.8374	14.0049	17.1348	14.841	15.0576	15.7575
16.2241	11.4796	13.1114	13.7349	13.6599	13.2107	13.4036
30	12.1958	13.2463	30	23.8516	13.7078	14.4117
30	12.5252	14.0061	17.6366	16.7952	15.3224	16.4982
17.9494	12.723	13.9373	19.8479	16.0533	14.4782	14.7619
23.9828	11.4685	13.4134	14.9348	14.3636	14.7023	14.3905
15.1388	10.8913	12.2498	14.7276	13.3618	12.3668	13.3114
20.3675	13.8072	14.6445	16.8396	14.7754	14.6303	14.9163
17.6885	12.9386	14.4641	15.1968	17.1106	15.3244	15.5854
19.04	13.143	14.7956	18.0026	16.8297	16.1077	16.1337
25.9911	12.0836	14.6695	16.2044	18.9938	14.5075	14.4097
19.1281	13.447	15.2109	15.0425	15.3039	16.2637	15.5735
23.0168	12.2765	14.2319	16.4711	15.5688	14.3923	15.7915
23.1341	12.5708	14.3692	16.1719	15.3246	14.0588	14.8207

Ccnd1_A50	Ccnd1_A62	Cdkn1a_A74	Cdkn1a_A86	Cdx1_A03	Cdx1_A15	Chga_A27
19.2246	16.8735	13.6049	14.173	17.4175	17.0431	30
15.1914	12.6681	17.5343	20.8818	17.6092	18.71	30
16.6945	13.6532	18.7972	24.8527	17.445	17.7552	30
17.6529	15.5848	18.785	20.3206	17.1325	17.4993	19.0295
17.8534	15.196	30	19.3618	17.0753	18.069	30
17.3143	14.5832	17.0976	26.5237	17.1223	18.8167	30
15.2457	12.4274	24.7155	18.6071	16.8018	17.0113	30
17.6719	15.003	17.7612	30	17.6189	17.6744	30
16.8086	15.2064	16.1961	16.3269	17.0057	17.6735	30
17.7212	15.77	18.6863	30	18.053	18.5427	30
16.2131	14.2897	30	30	18.0836	18.0891	30
16.6684	14.4304	16.8383	19.1884	17.2055	17.6858	30
16.3044	13.9244	19.9866	18.5453	16.6995	16.7219	30
16.9499	13.3438	26.0714	24.7241	20.2581	19.3301	19.5773
13.5736	11.064	16.5421	17.8632	15.0905	15.0316	30
15.987	14.5284	18.0306	21.9607	17.0694	19.0418	30
15.0311	12.1884	17.2385	18.4062	15.0812	15.5312	30
16.1241	14.204	16.9386	26.8736	17.5508	18.2566	30
15.8114	14.3486	13.8424	13.9899	16.4367	17.0827	18.7171
19.0407	16.4857	19.0422	30	16.9812	18.6245	30
17.1598	14.2604	30	30	17.717	18.4755	30
17.3282	15.9276	21.557	20.2586	17.8205	19.093	30
17.0004	13.6259	18.9927	30	17.188	18.3409	30
14.2189	12.124	18.676	19.9454	15.6869	16.3623	30
17.9257	14.297	30	30	17.9245	18.5482	30
15.7722	13.8151	19.4805	18.6825	18.28	20.572	30
18.3966	18.235	30	30	17.9925	19.1936	30
17.2857	14.4005	19.0056	20.4552	19.6494	19.3853	30
15.9253	13.645	16.7	17.3736	19.8144	21.9641	18.8419
16.3418	14.553	26.0947	19.8194	19.6845	22.4819	30
18.1809	16.0088	30	30	18.9794	19.8704	30

Chga_A39	Cubn_A51	Cubn_A63	Dll4_A75	Dll4_A87	Dvl2_A04	Dvl2_A16
30	14.1051	30	30	30	30	18.8331
30	13.331	30	30	17.7391	30	30
30	13.7908	30	30	30	24.0266	16.9999
30	15.5206	30	30	25.2489	30	18.4124
30	14.4923	30	30	18.5673	18.5816	16.576
30	13.8086	30	30	30	30	18.7685
30	13.1203	30	30	30	30	18.6817
30	12.8628	30	30	17.5539	19.1353	30
30	13.8591	30	30	17.6562	16.4631	17.6084
30	15.2137	30	30	30	30	30
30	17.0029	30	28.3596	30	30	30
18.9463	13.4226	18.4816	24.5104	30	30	23.1891
30	12.641	30	23.459	30	30	30
30	14.2559	30	23.8787	30	30	18.7511
18.6559	16.1332	30	30	18.903	17.5713	17.7545
30	15.3421	30	30	30	30	18.4121
26.4678	10.9943	30	30	17.6714	17.0465	14.9613
30	14.67	30	30	30	19.6218	15.9112
19.0411	12.7069	17.7045	30	18.8959	19.2173	16.3655
30	15.8475	30	30	30	30	30
30	13.6411	30	30	30	30	20.6423
30	14.6364	30	30	17.869	18.9869	16.6744
19.1927	12.4434	30	30	30	30	15.1207
30	13.1985	18.7228	30	17.1459	16.3747	17.0669
30	17.4103	30	30	30	30	17.4298
30	14.3619	30	30	30	30	15.9351
30	13.9865	30	30	30	30	18.7984
30	14.2106	30	30	30	30	17.2246
30	14.0673	30	30	30	30	18.6437
30	13.2934	30	30	30	30	18.6855
30	30	30	30	30	30	18.633

Efnb1_A28	Efnb1_A40	Epas1_A52	Epas1_A64	Ephb2_A76	Ephb2_A88	Ereg_A05
23.8596	14.5094	15.9193	17.9032	17.2724	13.5612	16.347
30	24.6228	17.6532	30	19.1501	13.8144	15.8039
17.9152	16.3407	16.4199	17.6084	16.9648	13.6631	15.8415
16.3405	14.7555	17.0266	30	30	14.7233	16.3184
14.7789	15.1426	15.7876	30	25.5287	14.7793	16.2885
18.7114	15.5555	16.4056	30	30	14.8139	17.5191
30	15.1236	16.038	20.4821	16.6136	14.0721	16.5894
17.917	17.598	17.0065	30	30	14.6678	16.771
18.5859	30	17.6999	16.367	16.9376	16.3143	17.7274
30	30	28.4843	30	30	14.915	16.9213
18.5848	14.6196	16.9724	17.3993	18.7567	13.786	16.1096
30	15.0761	15.9497	30	30	16.1889	17.3123
18.7186	15.2202	16.5439	30	30	13.6208	15.7329
17.0358	15.8134	16.8473	19.3122	30	15.4607	17.1733
16.275	14.1026	14.3236	30	17.8558	13.2597	15.3482
16.7683	15.1867	16.9978	30	30	15.1645	17.2116
15.0602	12.9875	13.8965	14.5683	14.8665	12.8342	14.4208
30	14.4609	18.6861	30	30	15.2066	16.6707
16.8907	13.9917	14.5857	15.9541	15.4057	13.1861	15.8722
30	17.248	16.6818	18.1141	17.8462	13.799	15.9708
30	16.1971	16.0316	30	30	14.0821	18.1199
16.4402	17.0866	18.5463	17.5723	16.3907	14.0974	16.5626
16.1638	17.1002	17.1549	18.3156	17.3068	13.1284	16.5308
16.4978	13.8128	14.5348	16.6286	17.3567	12.9334	14.9191
18.5847	16.7685	16.9591	30	17.5987	14.0477	16.6199
16.5091	16.0547	17.2198	30	30	12.8782	16.1522
30	15.5996	16.8156	19.0464	18.0505	13.0034	16.9577
17.3152	14.353	15.9185	17.5249	19.4605	13.8173	16.6448
17.3829	17.2754	18.2011	18.5468	17.6128	13.4593	16.3911
18.5565	17.3311	18.4441	30	30	12.8406	16.7483
16.6486	15.8481	16.0809	16.6056	16.1294	13.2943	16.2751

Ereg_A17	Fut2_A29	Fut2_A41	Gapdh_A53	Gapdh_A65	Gsk3b_A77	Gsk3b_A89
30	30	13.7389	13.0354	9.62008	9.62302	14.5532
30	30	18.0216	17.4916	10.8001	10.7989	14.7997
30	30	30	30	10.3816	10.3728	15.5034
30	30	30	17.0734	10.3301	10.3791	13.5531
30	30	30	21.0962	10.1426	10.1766	14.0693
30	30	30	30	11.0654	11.086	16.5515
30	30	30	20.1212	10.8023	10.7808	14.8027
30	30	30	18.1748	10.387	10.3951	16.7209
30	30	30	26.55	11.342	11.3406	14.3341
30	30	30	17.1351	11.3078	11.3022	14.0828
30	30	30	20.2697	10.4498	10.4168	14.6283
30	30	30	30	11.3139	11.3196	14.4337
30	30	30	17.5131	10.2539	10.2461	13.3387
26.4662	30	30	25.6933	11.3549	11.3347	17.0765
30	30	30	18.74	9.46111	9.42132	13.4665
30	28.7081	30	17.9392	11.8659	12.0118	15.0845
30	30	30	17.9651	8.98492	9.16098	12.8329
30	30	30	30	11.7344	11.8596	16.0187
22.0341	30	30	16.6292	8.4831	8.63712	13.8329
30	30	30	30	11.3574	11.5356	14.6013
30	30	30	18.7845	12.4634	12.6258	16.0598
30	30	30	30	10.7718	10.9005	15.7142
30	30	30	17.3696	9.97488	10.2641	14.0466
30	28.8698	30	17.735	9.10876	9.1992	12.7783
30	30	30	30	10.7818	10.8853	15.0323
30	30	30	30	10.6593	10.7572	15.7142
30	30	30	17.9727	11.9266	12.0757	15.7814
30	30	30	19.2392	10.9315	11.0536	15.1085
30	30	30	30	12.115	12.2946	15.4874
30	30	30	30	10.4026	10.5605	17.4024
30	30	30	19.7664	10.2589	10.3433	14.9879

Gusb_A06	Gusb_A18	H6pd_A30	H6pd_A42	Hes1_A54	Hes1_A66	Hes5_A78
13.9391	17.2669	15.4947	17.6197	15.7752	19.6794	16.4217
15.1013	16.3032	16.5169	18.7552	19.7975	15.5511	14.2392
14.0587	17.5609	15.6253	19.9095	18.7294	14.2066	12.689
13.2587	16.2371	13.6665	30	18.7444	16.2665	14.7256
14.3035	19.1694	15.3621	22.1845	18.899	14.3799	13.2148
16.5341	17.5559	17.8618	17.982	17.151	14.3569	12.7519
15.1983	15.8787	14.8694	26.2072	18.9606	15.2451	13.3346
15.1981	16.5989	15.3241	20.2172	17.146	14.6252	13.3212
14.6088	16.4213	17.7396	21.178	17.8351	17.142	15.846
14.5242	30	16.6836	18.1009	18.0735	14.7866	13.2656
14.8794	16.4221	16.402	18.8939	17.0328	15.7344	14.2571
13.9611	17.6659	16.1274	19.1796	18.1347	15.5891	14.522
13.8355	17.744	15.9362	18.2902	16.5746	14.7645	13.6901
15.7565	17.8219	14.9867	18.1954	16.6608	13.9106	12.5623
13.8272	15.4611	13.8596	17.7892	16.5727	16.2308	14.5967
17.7878	16.9101	15.688	30	22.1908	15.5111	14.5879
12.7259	14.9677	13.7918	19.5129	18.211	13.2298	12.0665
16.25	17.5478	15.6149	25.5351	17.4337	18.4263	23.092
13.6776	16.0403	13.9885	17.4601	16.6344	15.1302	13.8332
14.1323	17.6398	15.7133	19.7198	20.2891	30	30
17.7546	18.1191	18.592	19.7521	20.1351	16.1982	15.4319
15.0467	18.0393	16.402	18.6153	17.2362	15.4597	14.241
14.2352	16.037	14.9128	18.0112	17.6794	15.9136	15.3037
12.3997	15.2397	13.5112	17.167	15.7956	13.8302	12.5804
15.3521	19.2629	15.5649	21.0833	17.1764	18.5802	16.6745
15.0914	19.2155	16.1217	30	18.7798	16.9147	15.2068
15.326	19.1674	16.5358	30	23.4254	15.1357	13.9157
14.6191	19.3769	18.0659	20.6221	17.4636	16.3255	13.2749
16.9969	15.9961	14.8944	17.3224	18.4295	16.7819	15.8001
16.794	16.0404	14.8904	19.7293	16.9305	17.8432	15.024
14.717	17.1575	16.2677	17.8642	16.6197	21.7248	18.7447

Hes5_A90	Hif1a_A07	Hif1a_A19	Hopx_A31	Hopx_A43	Jag1_A55	Jag1_A67
30	25.0344	13.9737	13.0647	12.0439	11.9039	26.1463
22.5118	22.3734	16.8317	15.417	14.6176	14.5364	17.2185
30	30	30	16.0475	12.9961	12.9297	21.6944
25.7755	30	15.8749	15.323	12.9414	12.9079	23.6625
27.415	30	15.0912	15.3558	13.185	13.1521	22.1932
30	30	16.6812	15.4895	13.7273	13.6852	21.0434
22.2243	30	15.7978	15.865	13.2021	13.1183	19.8655
21.3317	24.0833	17.5818	14.3151	14.361	14.2657	17.256
30	30	15.2447	14.4513	13.9684	13.8608	23.0148
30	30	18.6701	17.3211	14.8813	14.7182	20.1417
30	30	15.3577	15.1609	13.3536	13.2322	21.8537
30	30	15.9981	14.667	14.142	14.0065	22.1957
24.3209	30	15.8309	13.7883	12.4432	12.3216	17.2444
30	30	15.2511	15.246	14.0479	13.967	24.6324
30	30	15.8403	13.6312	12.8081	12.7291	17.6586
30	30	15.3551	15.6181	14.0398	13.9524	17.6917
25.4276	25.5138	13.5745	13.4211	11.7902	11.7649	16.7533
30	30	18.076	16.4206	13.7054	13.7256	24.7352
21.409	21.251	13.8342	13.189	12.7566	12.7768	21.5326
30	30	15.5953	14.8158	13.9193	13.872	22.4652
23.0964	23.503	17.211	15.0287	13.9941	13.9503	21.7143
30	26.6181	16.4716	17.0267	13.6227	13.6348	18.801
23.0411	30	15.7859	14.4872	14.0954	14.0407	21.9435
30	24.4364	13.6971	13.0191	11.635	11.6294	19.5537
30	30	16.0195	14.8482	14.9865	15.0862	22.5195
30	30	17.1152	16.3879	14.4863	14.4653	18.5425
30	30	16.1659	15.0425	13.9382	13.9214	26.3792
22.0414	24.1081	15.7257	16.2912	13.9579	13.9984	23.8356
30	30	15.6321	15.6321	13.9394	13.8779	16.8678
30	30	15.584	15.3134	14.4083	14.427	21.898
30	30	17.1022	15.5334	13.6845	13.6885	20.1855

Lgr5_A79	Lgr5_A91	Lrig1_A08	Lrig1_A20	Lyz2_A32	Lyz2_A44	Msi1_A56
30	13.6593	15.482	14.639	14.0386	21.6017	17.3462
17.3537	13.6318	14.6212	14.5055	14.1956	20.7539	19.8808
30	14.3624	15.7549	13.0663	13.2196	21.531	30
30	13.571	14.6602	13.3353	13.6254	20.3072	24.9942
30	14.8278	14.9122	13.6755	13.8877	20.3872	18.3779
30	14.2479	15.4394	15.1582	14.9002	20.3536	17.7789
30	12.3495	14.1357	13.2858	12.9221	21.3935	18.2802
30	14.551	19.5199	13.7089	14.2302	21.6649	18.5829
30	13.4551	14.9978	14.6767	14.0469	10.9147	10.9801
30	12.8558	14.8367	13.9169	13.9962	21.7942	18.1333
30	15.027	14.9966	14.3601	14.4247	20.6555	17.7056
18.4636	13.6965	14.6908	13.6524	13.6381	21.7662	18.1245
17.4826	13.2091	14.3558	12.4869	12.7757	19.8477	20.1817
30	15.7912	17.0457	13.2497	13.3299	20.9885	20.8319
15.5835	30	30	13.4431	13.7145	21.654	21.0769
15.7598	14.3253	16.5184	14.5428	14.3858	20.5242	18.4743
16.9074	12.3289	12.8611	11.7009	11.4236	20.769	19.8284
30	13.9432	15.1791	13.6151	12.2593	21.2255	19.8068
30	13.4631	14.7616	13.1766	13.0802	16.0223	14.3347
30	13.8516	15.2716	13.6184	13.6949	22.051	30
30	14.8543	15.527	14.5291	14.8153	21.0309	23.0822
19.2133	13.4739	14.0106	13.4809	12.7003	19.0121	19.1361
18.6199	12.9136	13.9966	12.8052	12.3747	18.6575	17.5081
19.3883	13.9769	16.6077	13.0802	13.2142	20.0854	17.1666
17.4791	30	30	15.3145	15.1848	20.8885	19.099
18.6434	12.9504	15.1638	14.4705	13.8952	21.6256	24.3019
17.6113	14.3664	16.0353	14.3737	14.0809	21.4116	26.8027
18.5758	13.6344	15.4604	13.9558	14.1368	21.9273	17.9468
18.6965	15.2327	16.5325	15.1393	15.5494	21.4457	20.6056
30	12.7106	13.9743	12.8656	12.721	20.8854	19.6826
18.5966	17.413	18.8661	14.4311	15.1196	22.0056	18.8366

Msi1_A68	Msi2_A80	Msi2_A92	Myb_A09	Myb_A21	Myc_A33	Myc_A45
14.1732	15.8739	12.2746	13.6982	14.9124	14.7252	14.3751
15.2427	17.5736	14.5937	16.0289	13.6076	13.3547	12.9991
13.2214	16.7696	14.4334	15.7279	13.3344	13.0742	11.9785
13.8486	15.3341	15.1209	15.7928	12.581	12.1778	11.9161
14.4463	16.4369	15.3034	16.4816	12.5364	12.1576	12.4807
14.8047	17.1274	16.1597	17.79	14.0141	13.473	14.1039
13.4729	17.4603	14.6453	15.5179	12.7619	12.894	12.608
14.8475	18.3024	15.3388	17.5129	14.2842	14.1393	12.8616
15.2907	17.5244	15.3126	16.6059	14.1589	13.9487	12.5528
14.7505	15.9857	16.8952	18.8867	15.4534	14.5846	14.6577
14.2874	16.3928	15.1003	15.9165	12.8424	12.4965	13.0357
14.9735	16.9349	16.1681	17.7209	14.1843	13.8096	13.6928
13.2149	15.8353	14.4576	15.3929	13.1487	12.6881	11.9359
14.2871	16.0984	15.2087	17.423	14.1035	13.4619	12.511
15.9081	30	14.0015	15.4762	11.8356	11.6333	12.5419
15.9242	19.5166	16.1783	16.279	14.8183	14.1612	12.5947
12.2368	14.3714	13.7241	14.4295	10.8109	10.6612	10.8412
14.4257	16.4853	15.6429	17.1584	15.1124	14.811	15.3525
14.1371	16.0755	13.9708	15.2662	12.026	11.9062	11.2452
15.186	18.1744	14.871	17.1304	13.3722	12.819	12.3418
14.8019	17.2731	15.7693	17.0814	13.8615	13.3625	13.4897
15.0352	17.4492	15.0937	16.5231	13.9511	13.7938	13.1836
13.0406	15.7548	15.5711	15.7617	13.2452	13.7049	11.9458
13.4022	15.0441	13.9881	14.9362	11.9216	11.3466	10.6928
17.2735	17.0474	17.6196	20.7355	14.1201	13.5989	12.6944
15.802	18.4589	25.8686	18.8538	14.2199	14.2742	13.4524
16.4505	17.0378	16.443	18.4885	14.522	14.1588	14.3757
14.901	17.1492	15.4276	17.1273	12.8796	13.3809	13.067
15.2082	19.1244	17.1423	16.454	13.5465	13.7391	12.8317
14.5966	15.819	15.1962	17.0177	13.1608	12.6385	12.8234
15.0182	18.8721	15.4613	16.2011	13.1758	12.879	14.1568

Notch1_A57	Notch1_A69	Numb_A81	Numb_A93	Olfm4_A10	Olfm4_A22	Pcna_A34
15.1693	15.5613	15.9947	16.5325	14.608	8.6687	14.9254
13.8391	15.2653	15.9218	16.9742	15.3726	10.0895	12.8086
12.9873	14.8705	17.9813	16.6268	17.9499	8.06717	15.4233
12.1119	15.4043	14.9054	16.5604	15.6	8.4907	13.0307
12.6807	15.9941	15.8499	19.0554	17.0077	8.33432	13.7856
15.1102	15.4503	14.6349	16.8845	16.4552	9.66393	14.6902
13.4906	16.2232	16.7456	17.3655	17.2167	9.18749	13.9571
12.9099	15.8294	15.6701	17.6889	17.025	9.39458	14.1533
13.2634	18.2489	16.8371	18.5306	15.6808	8.77926	14.9818
15.0559	15.0683	15.133	17.9298	16.3624	8.99931	16.9114
13.3284	14.6273	14.4911	18.7372	17.9381	7.98124	14.179
14.5776	18.7321	16.3102	16.195	16.6827	8.82023	16.038
12.6387	13.6345	13.586	16.4942	15.4435	8.60427	13.526
13.2104	16.584	15.9876	15.6933	14.949	9.34038	13.0112
12.7322	15.2994	15.2268	16.2865	15.4464	14.2276	11.0601
13.1346	15.238	14.8859	17.6168	16.9622	9.45014	15.3943
11.129	12.9357	12.8033	14.6893	14.013	6.5219	12.9018
16.0436	15.2759	14.8927	17.9126	30	9.2718	14.311
12.0292	14.2967	14.6412	15.0411	14.0119	8.61698	13.7652
13.0892	15.5197	14.8748	16.6178	15.5009	7.94887	13.6369
14.3679	16.3628	16.554	20.0567	19.0093	9.37708	15.2712
13.7696	13.6512	14.0594	16.4211	16.044	9.43268	15.3827
12.4434	14.0884	14.8116	18.9286	15.9975	7.20033	13.6691
10.9422	13.9669	14.3775	16.0114	14.9356	7.62883	13.3578
13.3886	15.7205	15.6921	16.2109	15.7094	9.83398	13.0262
14.4164	14.6897	18.9636	17.6988	30	9.98488	15.8061
15.1937	15.4988	30	19.5005	17.9115	10.1219	16.4799
13.7877	14.0391	14.6819	17.5288	17.1591	8.26153	14.2642
13.1835	14.3767	15.9035	19.427	17.7556	9.37834	13.3134
13.3533	14.3774	16.9476	16.6082	16.1415	8.67341	14.1267
14.8059	14.2935	15.8724	16.2598	15.3029	8.32055	13.6149

Pcna_A46	Ppargc1b_A5	Ppargc1b_A7	Rhoa_A82	Rhoa_A94	Saa2_A11	Saa2_A23
13.97	30	15.5239	11.2333	12.6799	30	21.4756
12.375	16.7564	13.8045	12.7002	14.1046	22.7129	19.1347
14.3976	15.8002	14.7631	11.9774	13.6094	20.225	17.9248
12.1481	16.9539	15.2893	11.1345	12.553	22.3327	17.6891
12.7442	16.3854	13.9184	11.3481	12.8124	19.2685	17.2113
14.56	16.2396	15.1554	12.1315	14.1582	21.1854	18.1541
13.387	15.2062	13.6767	12.1358	13.7134	30	26.6383
13.2848	30	15.6169	11.949	13.2854	20.7855	18.2925
13.9433	15.9191	14.8696	12.9514	13.4726	30	30
15.3162	16.0887	14.438	13.366	14.5652	18.3442	18.1495
13.2343	15.2921	13.8884	11.8718	13.4226	21.3181	17.0684
15.9042	16.7127	14.4031	13.4889	14.2502	21.3104	18.4873
12.6578	14.8679	13.5279	11.49	12.4407	20.9389	18.1292
12.2747	17.3414	15.907	13.2548	14.6837	19.4362	18.4288
10.3646	14.4955	12.9549	11.0016	12.1697	24.091	20.2958
14.3797	17.5122	15.2926	13.8666	14.4991	19.7962	18.1889
12.152	16.8982	14.36	10.5419	11.7689	18.7231	16.3691
14.211	18.2861	15.7364	13.2531	13.8213	19.5613	18.3375
13.13	14.1776	12.6728	11.3235	12.5247	17.4274	16.2004
12.6675	16.2702	16.039	12.3056	13.8461	17.8148	17.3605
15.1123	16.8979	15.6851	13.7507	14.775	30	19.6942
15.6073	19.4515	15.797	13.6424	14.5228	18.6445	16.248
12.4679	17.4201	14.9962	12.6943	14.0675	16.5873	16.0083
12.437	13.8552	13.2393	10.3079	11.7325	23.0121	18.2169
12.4888	15.4787	13.8297	12.2545	13.4921	19.3028	18.5127
14.6704	17.285	15.6929	13.6568	14.5975	30	30
16.8309	16.3131	15.7847	12.6119	14.59	20.7102	18.9263
12.3114	16.2911	16.6749	12.2724	14.4146	25.3426	18.5092
11.8001	15.8858	14.7972	13.6894	13.7834	21.7227	18.2653
12.6505	15.5339	15.4318	12.6059	14.3878	22.9817	17.6679
12.4184	15.9782	15.3123	11.8762	13.4972	21.4439	18.79

Sirt3_A35	Sirt3_A47	Sox9_A59	Sox9_A71	Tat_A83	Tat_A95	Tcf4_A12
19.0919	16.3038	11.9771	20.8916	30	30	14.0031
17.4618	17.2555	13.7538	23.622	30	30	16.6084
30	30	12.7124	21.5343	30	30	15.2539
18.0239	17.3309	12.9334	24.3409	30	30	14.8685
17.3992	15.9159	13.4177	23.2685	28.3221	30	15.9827
16.8636	17.8611	14.22	22.7948	30	30	17.733
19.2014	15.9006	12.5697	21.4077	30	30	16.1387
18.1063	18.1758	14.1568	24.2233	23.9736	30	16.4016
18.8562	30	12.9825	21.6338	30	30	15.0679
30	18.3958	12.6389	22.6821	30	30	16.8378
24.168	30	12.1909	22.2353	30	30	15.3304
26.8474	19.0403	12.7956	22.2085	30	30	17.6406
17.3874	18.8783	12.3231	21.6712	30	30	15.1668
17.5721	20.1856	14.2498	22.7133	30	30	18.2614
16.8732	17.8516	13.7406	23.6773	30	30	15.3257
17.8426	18.5079	14.1518	23.2343	30	30	16.1126
16.8718	16.1279	11.7236	21.0236	25.4792	30	14.0512
24.0725	17.2748	16.3704	26.7045	30	30	16.7482
16.9164	17.0252	12.6245	21.9057	27.3941	30	13.9426
18.0478	17.0141	12.2197	22.7251	30	30	15.4905
19.118	18.2489	13.545	22.1613	25.8311	30	25.0612
18.7512	19.8471	13.555	23.9295	23.8627	30	16.0767
17.3192	16.3412	12.3603	20.0338	28.9198	30	15.0389
17.8428	17.5102	11.0828	20.7828	27.9296	30	14.5078
19.2422	17.1475	15.6222	24.7908	30	30	15.6335
30	18.2992	12.5104	21.3689	30	30	17.6382
18.565	18.6857	13.0215	22.8905	30	30	16.8218
16.7342	16.7238	12.0109	21.7295	30	30	15.7131
30	18.2836	14.1979	22.6077	30	30	16.679
30	30	14.2664	24.7736	30	30	15.0655
19.9341	30	12.6443	22.7406	30	30	15.9965

Tcf7l2_A24	Tert_A36	Tert_A48	Wnt3_A60	Wnt3_A72	Wnt6_A84	Wnt6_A96
17.6691	30	30	30	30	30	28.9534
18.3977	30	30	30	30	30	30
19.7876	30	19.5122	17.9097	25.0201	30	30
18.7533	30	30	30	30	30	24.5374
19.4024	23.2428	30	30	30	30	30
21.3692	30	19.6148	30	30	30	30
20.8134	26.3638	30	16.6834	17.1573	30	30
20.6027	23.2165	19.6235	16.2419	17.4726	30	30
18.0521	30	30	13.9241	14.8189	30	30
20.1503	30	30	30	23.4833	30	30
17.9244	22.0462	19.1045	30	25.5798	30	30
20.5078	18.6632	17.8028	17.7821	30	30	30
18.0701	30	30	30	30	30	26.8386
30	30	24.4949	30	30	30	30
17.0326	30	30	30	26.6511	30	30
20.0167	30	19.3795	30	27.8103	30	30
16.9133	16.9883	18.3128	30	30	30	27.9814
18.7131	25.8814	30	30	27.7935	30	30
17.3242	18.1887	17.9797	30	30	21.1319	30
19.0874	30	30	30	30	30	28.0984
30	30	30	30	30	30	30
20.0743	16.7183	17.0258	30	27.6855	30	24.8297
18.2688	18.1909	18.2872	17.6245	20.0008	30	23.9665
18.1799	30	19.7064	30	28.7518	30	30
19.0939	18.4638	30	30	30	30	30
24.6891	30	30	15.4256	17.8871	30	30
20.9067	30	19.3115	30	30	30	30
20.9357	30	30	30	30	30	27.4382
20.5751	30	30	16.9066	16.6744	30	30
18.4356	30	30	18.3464	30	30	30
19.3292	15.9598	19.0121	30	24.3365	30	30

Single Cell Fluidigm Profiling Data and Group Information