

Chromosome Transcription Mix 01

Acra; Membrane Fusion Protein
ACTB_G1; Actin Beta/Gamma 1
ACTL6A, INO80K; Actin-Like Protein 6A
ACTL6B; Actin-Like Protein 6B
ACTR5, ARP5, INO80M; Actin-Related Protein 5
ACTR6, ARP6; Actin-Related Protein 6
ACTR8, ARP8, INO80N; Actin-Related Protein 8
AGO1; Argonaute

Chromosome Transcription Mix 02

AHC1; ADA HAT Complex Component 1
AHC2; ADA HAT Complex Component 2
AME1; Central Kinetochore Subunit AME1
AOF2, LSD1; Lysine-Specific Histone Demethylase 1 [EC:1.-.-.-]
APC10, DOC1; Anaphase-Promoting Complex Subunit 10
APC11; Anaphase-Promoting Complex Subunit 11
APC12, CDC26; Anaphase-Promoting Complex Subunit 12
APC13; Anaphase-Promoting Complex Subunit 13

Chromosome Transcription Mix 03

APC1; Anaphase-Promoting Complex Subunit 1
APC2; Anaphase-Promoting Complex Subunit 2
APC3, CDC27; Anaphase-Promoting Complex Subunit 3
APC4; Anaphase-Promoting Complex Subunit 4
APC5; Anaphase-Promoting Complex Subunit 5
APC6, CDC16; Anaphase-Promoting Complex Subunit 6
APC7; Anaphase-Promoting Complex Subunit 7
APC8, CDC23; Anaphase-Promoting Complex Subunit 8
APC9; Anaphase-Promoting Complex Subunit 9

Chromosome Transcription Mix 04

APITD1, CENPS; Centromere Protein S
ARID1; AT-Rich Interactive Domain-Containing Protein 1
ARID2; AT-Rich Interactive Domain-Containing Protein 2
ARP4; Actin-Related Protein 4
ARP7, SWP61; Actin-Related Protein 7
ARP9, SWP59; Actin-Related Protein 9
ASH1L; Histone-Lysine N-Methyltransferase ASH1L [EC:2.1.1.43]
ASK1; DASH Complex Subunit ASK1

Chromosome Transcription Mix 05

ASXL; Additional Sex Combs-Like Protein
AUB, PIWI; Aubergine
AURKA; Aurora Kinase A [EC:2.7.11.1]
AURKB; Aurora Kinase B [EC:2.7.11.1]
AURKC; Aurora Kinase C [EC:2.7.11.1]
AURKX; Aurora Kinase, Other [EC:2.7.11.1]

BAZ1A, ACF1; Bromodomain Adjacent To Zinc Finger Domain Protein 1A
BAZ1B, WSTF; Bromodomain Adjacent To Zinc Finger Domain Protein 1B

Chromosome Transcription Mix 06

BDF1; Bromodomain-Containing Factor 1
BIRC5; Baculoviral IAP Repeat-Containing 5
BPTF, E(Bx); Nucleosome-Remodeling Factor Subunit BPTF
BRD2; Bromodomain-Containing Protein 2
BRD3; Bromodomain-Containing Protein 3
BRD4; Bromodomain-Containing Protein 4
BRD7_9; Bromodomain-Containing Protein 7/9
BRDT; Bromodomain Testis-Specific Protein
BRRN1, BRN1, CAPH; Condensin Complex Subunit 2

Chromosome Transcription Mix 07

BUB1; Checkpoint Serine/Threonine-Protein Kinase [EC:2.7.11.1]
BUB1B, BUBR1, MAD3L; Mitotic Checkpoint Serine/Threonine-Protein Kinase BUB1 Beta [EC:2.7.11.1]
BUB3; Cell Cycle Arrest Protein BUB3
CARM1, PRMT4; Histone-Arginine Methyltransferase CARM1 [EC:2.1.1.125]
CASC5, KNL1; Protein CASC5
CBF2, CBF3A, CTF14; Centromere DNA-Binding Protein Complex CBF3 Subunit A
Cbpa; Curved DNA-Binding Protein

Chromosome Transcription Mix 08

CBX1, HP1B, SWI6; Chromobox Protein 1
CBX2; Chromobox Protein 2
CBX3, HP1G; Chromobox Protein 3
CBX4, PC2; Chromobox Protein 4
CBX5, HP1A; Chromobox Protein 5
CBX6; Chromobox Protein 6
CBX7; Chromobox Protein 7
CBX8, PC3; Chromobox Protein 8

Chromosome Transcription Mix 09

CDC20; Cell Division Cycle 20, Cofactor Of APC Complex
CDCA8; Borealin
CENPA; Histone H3-Like Centromeric Protein A
CENPB; Centromere Protein B
CENPC; Centromere Protein C
CENPE; Centromeric Protein E
CENPF; Centromere Protein F
CENPH; Centromere Protein H
CENPI; Centromere Protein I

Chromosome Transcription Mix 10

CENPJ; Centromere Protein J
CENPK; Centromere Protein K
CENPL; Centromere Protein L

CENPM; Centromere Protein M
CENPN; Centromere Protein N
CENPO; Centromere Protein O
CENPP; Centromere Protein P
CENPQ; Centromere Protein Q
CENPT; Centromere Protein T

Chromosome Transcription Mix 11

CEP3, CBF3B; Centromere DNA-Binding Protein Complex CBF3 Subunit B
CHD1; Chromodomain-Helicase-DNA-Binding Protein 1 [EC:3.6.4.12]
CHD3, MI2A; Chromodomain-Helicase-DNA-Binding Protein 3 [EC:3.6.4.12]
CHD4, MI2B; Chromodomain-Helicase-DNA-Binding Protein 4 [EC:3.6.4.12]
CHD5; Chromodomain-Helicase-DNA-Binding Protein 5 [EC:3.6.4.12]
CHD6; Chromodomain-Helicase-DNA-Binding Protein 6 [EC:3.6.4.12]
CHD7; Chromodomain-Helicase-DNA-Binding Protein 7 [EC:3.6.4.12]
CHD8, HELSNF1; Chromodomain Helicase DNA Binding Protein 8 [EC:3.6.4.12]
CHD9; Chromodomain-Helicase-DNA-Binding Protein 9 [EC:3.6.4.12]

Chromosome Transcription Mix 12

CHP1; Chromo Domain-Containing Protein 1
CHRAC1, CHRAC15; Chromatin Accessibility Complex Protein 1
CID12; Poly(A) RNA Polymerase Cid12 [EC:2.7.7.19]
CNL2; Centromere-Localized Protein 2
CTF13, CBF3C; Centromere DNA-Binding Protein Complex CBF3 Subunit C
CTF19; Central Kinetochore Subunit CTF19
DAD1; DASH Complex Subunit DAD1
DAD2, HSK1; DASH Complex Subunit DAD2
DAD3; DASH Complex Subunit DAD3
DAD4, HSK2; DASH Complex Subunit DAD4

Chromosome Transcription Mix 13

DAM1; DASH Complex Subunit DAM1
DDX3X, Bel; ATP-Dependent RNA Helicase [EC:3.6.4.13]
Dnaa; Dnaa Initiator-Associating Protein
DICER1, DCR1; Endoribonuclease Dicer [EC:3.1.26.-]
Divic, Diva; Cell Division Protein Divic
Diviva; Cell Division Initiation Protein
DMAP1, SWC4, EAF2; DNA Methyltransferase 1-Associated Protein 1
Dnaa; Chromosomal Replication Initiator Protein

Chromosome Transcription Mix 14

DOT1L, DOT1; Histone-Lysine N-Methyltransferase, H3 Lysine-79 Specific [EC:2.1.1.43]
Dps; Starvation-Inducible DNA-Binding Protein
DSN1; Kinetochore-Associated Protein DSN1
DUO1; DASH Complex Subunit DUO1
DYNC1H; Dynein Heavy Chain 1, Cytosolic
DYNC1I, DNCL; Dynein Intermediate Chain, Cytosolic
DYNC1LI, DNCLI; Dynein Light Intermediate Chain 1, Cytosolic

DYNC2H, DNCH2; Dynein Heavy Chain 2, Cytosolic
DYNC2LI; Dynein Light Intermediate Chain 2, Cytosolic

Chromosome Transcription Mix 15

E2.1.1.37, DNMT, Dcm; DNA (Cytosine-5-)-Methyltransferase [EC:2.1.1.37]
E3.5.1.28B, Amia, Amib, Amic; N-Acetylmuramoyl-L-Alanine Amidase [EC:3.5.1.28]
EAF1, VID21; Chromatin Modification-Related Protein VID21
EAF5; Chromatin Modification-Related Protein EAF5
EAF6; Chromatin Modification-Related Protein EAF6
EAF7; Chromatin Modification-Related Protein EAF7
EED; Polycomb Protein EED
EHMT; Euchromatic Histone-Lysine N-Methyltransferase [EC:2.1.1.43]

Chromosome Transcription Mix 16

ELF2C; Eukaryotic Translation Initiation Factor 2C
ELP1, IKI3, IKBKAP; Elongator Complex Protein 1
ELP2; Elongator Complex Protein 2
ELP3, KAT9; Elongator Complex Protein 3 [EC:2.3.1.48]
ELP4; Elongator Complex Protein 4
ELP5, IKI1; Elongator Complex Protein 5
ELP6; Elongator Complex Protein 6
EPC; Enhancer Of Polycomb-Like Protein

Chromosome Transcription Mix 17

ERK1_2; Extracellular Signal-Regulated Kinase 1/2 [EC:2.7.11.24]
ESP1; Separase [EC:3.4.22.49]
EZH; Enhancer Of Zeste [EC:2.1.1.43]
Ezra; Septation Ring Formation Regulator
FBXL10_11; F-Box And Leucine-Rich Repeat Protein 10/11 [EC:1.14.11.27]
FBXO43, EMI2; F-Box Protein 43
FBXO5, EMI1; F-Box Protein 5
Fic; Cell Filamentation Protein
Fis; Fis Family Transcriptional Regulator, Factor For Inversion Stimulation Protein
FTA7, CNL3; Kinetochore Protein Fta7

Chromosome Transcription Mix 18

Ftsa; Cell Division Protein Ftsa
Ftsb; Cell Division Protein Ftsb
Ftse; Cell Division Transport System ATP-Binding Protein
Ftsi; Cell Division Protein Ftsi (Penicillin-Binding Protein 3) [EC:2.4.1.129]
Ftsk, Spoiie; DNA Segregation Atpase Ftsk/Spoiie, S-DNA-T Family
Ftsl; Cell Division Protein Ftsl
Ftsn; Cell Division Protein Ftsn
Ftsq; Cell Division Protein Ftsq
Ftsw, Spove; Cell Division Protein Ftsw
Ftsx; Cell Division Transport System Permease Protein

Chromosome Transcription Mix 19

Gid; Glucose Inhibited Division Protein Gid
Gida; Glucose Inhibited Division Protein A
Gidb; Glucose Inhibited Division Protein B [EC:2.1.-.-]
HAT1, KAT1; Histone Acetyltransferase 1 [EC:2.3.1.48]
HFI1, ADA1; Transcriptional Coactivator HFI1/ADA1
Hfq; Host Factor-I Protein
HIF1; HAT1-Interacting Factor 1
Hns; DNA-Binding Protein H-NS

Chromosome Transcription Mix 20

HDAC1_2; Histone Deacetylase 1/2 [EC:3.5.1.98]
HDAC11; Histone Deacetylase 11 [EC:3.5.1.98]
HDAC3; Histone Deacetylase 3 [EC:3.5.1.98]
HDAC4_5; Histone Deacetylase 4/5 [EC:3.5.1.98]
HDAC6_10; Histone Deacetylase 6/10 [EC:3.5.1.98]
HDAC7; Histone Deacetylase 7 [EC:3.5.1.98]
HDAC8; Histone Deacetylase 8 [EC:3.5.1.98]
HDAC9; Histone Deacetylase 9 [EC:3.5.1.98]

Chromosome Transcription Mix 21

HOS1; Histone Deacetylase HOS1 [EC:3.5.1.98]
HOS2; Histone Deacetylase HOS2 [EC:3.5.1.98]
HOS3; Histone Deacetylase HOS3 [EC:3.5.1.98]
HRR1; Helicase Required For Rnai-Mediated Heterochromatin Assembly 1 [EC:3.6.4.13]
HSK3; DASH Complex Subunit HSK3
HTL1; Chromatin Structure-Remodeling Complex Protein HTL1
Hupa; DNA-Binding Protein HU-Alpha
Hupb; DNA-Binding Protein HU-Beta

Chromosome Transcription Mix 22

Icia; Lysr Family Transcriptional Regulator, Chromosome Initiation Inhibitor
IES1; Ino Eighty Subunit 1
IES2; Ino Eighty Subunit 2
IES3; Ino Eighty Subunit 3
IES4; Ino Eighty Subunit 4
IES5; Ino Eighty Subunit 5
Ihfa, Hima; Integration Host Factor Subunit Alpha
Ihfb, Himd; Integration Host Factor Subunit Beta

Chromosome Transcription Mix 23

INCENP; Inner Centromere Protein
INO80, INOC1; DNA Helicase INO80 [EC:3.6.4.12]
INO80B, ZNHIT4, PAPA1; INO80 Complex Subunit B
INO80C, IES6; INO80 Complex Subunit C
INO80D; INO80 Complex Subunit D
INO80E; INO80 Complex Subunit E
ITGB3BP, CENPR; Centromere Protein R

Chromosome Transcription Mix 24

JARID1; Histone Demethylase JARID1 [EC:1.14.11.-]
JARID2, JMJ; Protein Jumonji
JHDM1D_E_F; Jmjc Domain-Containing Histone Demethylation Protein 1D/E/F
JMJD1, JHDM2; Jumonji Domain-Containing Protein 1 [EC:1.14.11.-]
JMJD2, JHDM3; Jumonji Domain-Containing Protein 2 [EC:1.14.11.-]
JMJD3; Histone Demethylase JMJD3 [EC:1.14.11.-]
JMJD6; Histone Arginine Demethylase JMJD6 [EC:1.14.11.-]
K1428 SETD8; Histone-Lysine N-Methyltransferase SETD8 [EC:2.1.1.43]

Chromosome Transcription Mix 25

KIF2_24, MCAK; Kinesin Family Member 2/24
KNTC1, ROD; Kinetochores-Associated Protein 1
LDB7, RSC14; Chromatin Structure-Remodeling Complex Protein RSC14
Lrp; Lrp/Asnc Family Transcriptional Regulator, Leucine-Responsive Regulatory Protein
MAD1; Mitotic Spindle Assembly Checkpoint Protein MAD1
MAD1L; Mitotic Spindle Assembly Checkpoint Protein MAD1
MAD2; Mitotic Spindle Assembly Checkpoint Protein MAD2
MAD2L2; Mitotic Spindle Assembly Checkpoint Protein MAD2B

Chromosome Transcription Mix 26

MAL2, MCM21; Central Kinetochores Subunit Mal2/MCM21
MBD1; Methyl-Cpg-Binding Domain Protein 1
MBD2; Methyl-Cpg-Binding Domain Protein 2
MBD3; Methyl-Cpg-Binding Domain Protein 3
MBD4; Methyl-Cpg-Binding Domain Protein 4 [EC:3.2.2.-]
MCRS1, INO80Q; Microspherule Protein 1
MECP2; Methyl Cpg Binding Protein 2
Minc; Septum Site-Determining Protein Minc
Mind; Septum Site-Determining Protein Mind

Chromosome Transcription Mix 27

Mine; Cell Division Topological Specificity Factor
Mis12, MTW1; Kinetochores Protein Mis12/MTW1
MIS12; Kinetochores-Associated Protein MIS12
Mis13, DSN1; Kinetochores Protein Mis13/DSN1
Mis14, NSL1; Kinetochores Protein Mis14/NSL1
MIS15, CHL4; Central Kinetochores Subunit Mis15/CHL4
MIS18, FASP1; Kinetochores Protein Mis18
MLF1IP, CENPU; Centromere Protein U

Chromosome Transcription Mix 28

MLL1_4; Myeloid/Lymphoid Or Mixed-Lineage Leukemia Protein 1/4
MLL2, ALR; Myeloid/Lymphoid Or Mixed-Lineage Leukemia Protein 2
MLL3; Myeloid/Lymphoid Or Mixed-Lineage Leukemia Protein 3
MLL5; Myeloid/Lymphoid Or Mixed-Lineage Leukemia Protein 5
MORF4L1, MRG15, EAF3; Mortality Factor 4-Like Protein 1
Mreb; Rod Shape-Determining Protein Mreb And Related Proteins

Mrec; Rod Shape-Determining Protein Mrec
Mred; Rod Shape-Determining Protein Mred
Mrp; ATP-Binding Protein Involved In Chromosome Partitioning

Chromosome Transcription Mix 29

MTA; Metastasis-Associated Protein MTA
MTF2, PCL2; Polycomb-Like Protein 2
Mukb; Chromosome Partition Protein Mukb
Muke; Chromosome Partition Protein Muke
Mukf; Chromosome Partition Protein Mukf
NCAPD3; Condensin-2 Complex Subunit D3
NCAPG2, LUZP5; Condensin-2 Complex Subunit G2
NCAPH2; Condensin-2 Complex Subunit H2

Chromosome Transcription Mix 30

NDC80, HEC1, TID3; Kinetochore Protein NDC80
NFRKB, INO80G; Nuclear Factor Related To Kappa-B-Binding Protein
NHP10; Non-Histone Protein 10
NNF1; Kinetochore Protein NNF1
NPL6, RSC7; Chromatin Structure-Remodeling Complex Protein RSC7
NR2E3, PNR; Nuclear Receptor Subfamily 2 Group E Member 3
NR2F1, TFCOUP1; COUP Transcription Factor 1
NR2F2, TFCOUP2; COUP Transcription Factor 2

Chromosome Transcription Mix 31

NR2F3, Svp; Nuclear Receptor Subfamily 2 Group F Member 3
NR2F5, SVP46; Nuclear Receptor Subfamily 2 Group F Member 5
NR2F6, EAR2; Nuclear Receptor Subfamily 2 Group F Member 6
NR3A1, ESR1; Estrogen Receptor Alpha
NR3A2, ESR2; Estrogen Receptor Beta
NR3B1, ESRRB; Estrogen-Related Receptor Alpha
NR3B2, ESRRB; Estrogen-Related Receptor Beta
NR3B3, ESRRG; Estrogen-Related Receptor Gamma
NR3BN, ERR; Estrogen-Related Receptor ERR

Chromosome Transcription Mix 32

NR3C1, GR; Glucocorticoid Receptor
NR3C2, MR; Mineralocorticoid Receptor
NR3C3, PGR; Progesterone Receptor
NR3C4, AR; Androgen Receptor
NR4A1, HMR; Nuclear Receptor Subfamily 4 Group A Member 1
NR4A2, NURR1; Nuclear Receptor Subfamily 4 Group A Member 2
NR4A3, NOR1; Nuclear Receptor Subfamily 4 Group A Member 3
NR5A1, SF1; Steroidogenic Factor 1

Chromosome Transcription Mix 33

NR5A2, FTF; Nuclear Receptor Subfamily 5 Group A Member 2
NR5A3, Ftz-F1; Nuclear Receptor Subfamily 5 Group A Member 3

NR6A1, GCNF; Germ Cell Nuclear Factor
NR6AN; Nuclear Receptor Subfamily 6 Group A
Nrdr; Transcriptional Repressor Nrdr
NRL; Neural Retina-Specific Leucine Zipper Protein
NSD1_2; Histone-Lysine N-Methyltransferase NSD1/2 [EC:2.1.1.43]
NSD3, WHSC1L1; Histone-Lysine N-Methyltransferase NSD3 [EC:2.1.1.43]

Chromosome Transcription Mix 34

NSL1, MIS14, DC8; Kinetochore-Associated Protein NSL1
Nsrr; Rrf2 Family Transcriptional Regulator, Nitric Oxide-Sensitive Transcriptional Repressor
NTO1; Nua3 HAT Complex Component NTO1
NUF2, CDCA1; Kinetochore Protein Nuf2
NURF38; Nucleosome-Remodeling Factor 38 Kda Subunit [EC:3.6.1.1]
OIP5; Opa-Interacting Protein 5
OKP1; Central Kinetochore Subunit OKP1
ORCA2_3; AP2-Domain DNA-Binding Protein ORCA2/3

Chromosome Transcription Mix 35

OSR, ODD; Odd-Skipped
OTX; Homeobox Protein OTX
OVM, ANT; AP2-Like Factor, ANT Lineage
Oxyr; Lysr Family Transcriptional Regulator, Hydrogen Peroxide-Inducible Genes Activator
Paax; Phenylacetic Acid Degradation Operon Negative Regulatory Protein
Padr; Padr Family Transcriptional Regulator, Regulatory Protein Padr
Paib; Transcriptional Regulator
Para, Soj; Chromosome Partitioning Protein
Parb, Spo0j; Chromosome Partitioning Protein, Parb Family

Chromosome Transcription Mix 36

Parc; Topoisomerase IV Subunit A [EC:5.99.1.-]
Pare; Topoisomerase IV Subunit B [EC:5.99.1.-]
PAX1_9; Paired Box Protein 1/9
PAX2_5; Paired Box Protein 2/5
PAX3_7; Paired Box Protein 3/7
PAX4; Paired Box Protein 4
PAX6; Paired Box Protein 6
PAX8; Paired Box Protein 8

Chromosome Transcription Mix 37

PBRM1, PB1; Protein Polybromo-1
PBX; Pre-B-Cell Leukemia Transcription Factor
PCAF, KAT2, GCN5; Histone Acetyltransferase [EC:2.3.1.48]
Pchr; Arac Family Transcriptional Regulator, Transcriptional Activator Of The Genes For Pyochelin And Ferripyochelin
Receptors
Pdhr; Gntr Family Transcriptional Regulator, Transcriptional Repressor For Pyruvate Dehydrogenase Complex
Perr; Fur Family Transcriptional Regulator, Peroxide Stress Response Regulator

PHC1, EDR1; Polyhomeotic-Like Protein 1
PHC2, EDR2; Polyhomeotic-Like Protein 2
PHC3, EDR3; Polyhomeotic-Like Protein 3

Chromosome Transcription Mix 38

Pcaq; Lysr Family Transcriptional Regulator, Pca Operon Transcriptional Activator
Pcar; Iclr Family Transcriptional Regulator, Pca Regulon Regulatory Protein
PCGF1, NSPC1; Polycomb Group RING Finger Protein 1
PCGF2, RNF110; Polycomb Group RING Finger Protein 2
PCGF3; Polycomb Group RING Finger Protein 3
PCGF4, BMI1; Polycomb Group RING Finger Protein 4
PCGF5; Polycomb Group RING Finger Protein 5
PCGF6, MBLR; Polycomb Group RING Finger Protein 6

Chromosome Transcription Mix 39

PHF1, PCL1; Polycomb-Like Protein 1
PHF19, PCL3; Polycomb-Like Protein 3
Phnf; Gntr Family Transcriptional Regulator, Phosphonate Transport System Regulatory Protein
PHO2; Regulatory Protein PHO2
PHO4; Phosphate System Positive Regulatory Protein PHO4
PHO80; Phosphate System Cyclin PHO80
PHOX2, PMX2; Paired Mesoderm Homeobox Protein 2
PIF3; Phytochrome-Interacting Factor 3

Chromosome Transcription Mix 40

PITX1; Paired-Like Homeodomain Transcription Factor 1
PITX2; Paired-Like Homeodomain Transcription Factor 2
PITX3; Paired-Like Homeodomain Transcription Factor 3
PLK1; Polo-Like Kinase 1 [EC:2.7.11.21]
PLK2; Polo-Like Kinase 2 [EC:2.7.11.21]
PLK3, CNK; Polo-Like Kinase 3 [EC:2.7.11.21]
Plma; Gntr Family Transcriptional Regulator
PMF1; Polyamine-Modulated Factor 1

Chromosome Transcription Mix 41

POLE3; DNA Polymerase Epsilon Subunit 3 [EC:2.7.7.7]
POU1F, PIT1; POU Domain Transcription Factor, Class 1
POU2F, OTF; POU Domain Transcription Factor, Class 2
POU3F, OTF; POU Domain Transcription Factor, Class 3
POU4F, BRN3; POU Domain Transcription Factor, Class 4
POU6F; POU Domain Transcription Factor, Class 6
POU7F; POU Domain Transcription Factor, Class 7
Prpr; Transcriptional Regulator, Propionate Catabolism Operon Regulatory Protein

Chromosome Transcription Mix 42

PPP2C; Protein Phosphatase 2 (Formerly 2A), Catalytic Subunit [EC:3.1.3.16]
PPP2R1; Protein Phosphatase 2 (Formerly 2A), Regulatory Subunit A
PPP2R2; Protein Phosphatase 2 (Formerly 2A), Regulatory Subunit B

PPP2R3; Protein Phosphatase 2 (Formerly 2A), Regulatory Subunit B'
PPP2R5; Protein Phosphatase 2 (Formerly 2A), Regulatory Subunit B'
PRDM2, RIZ; PR Domain Zinc Finger Protein 2
PRRX, PMX; Paired Mesoderm Homeobox Protein
Pspc; Phage Shock Protein C
Pspf; Psp Operon Transcriptional Activator

Chromosome Transcription Mix 43

PRMT1; Protein Arginine N-Methyltransferase 1 [EC:2.1.1.-]
PRMT2; Protein Arginine N-Methyltransferase 2 [EC:2.1.1.-]
PRMT3; Protein Arginine N-Methyltransferase 3 [EC:2.1.1.-]
PRMT5, HSL7; Protein Arginine N-Methyltransferase 5 [EC:2.1.1.125]
PRMT6; Protein Arginine N-Methyltransferase 6 [EC:2.1.1.-]
PRMT7; Protein Arginine N-Methyltransferase 7 [EC:2.1.1.-]
PRMT8; Protein Arginine N-Methyltransferase 8 [EC:2.1.1.-]
PROP1; Homeobox Protein Prophet Of Pit-1

Chromosome Transcription Mix 44

PTF1A; Pancreas-Specific Transcription Factor 1a
PTI4; Pathogenesis-Related Genes Transcriptional Activator PTI4
PTI5; Pathogenesis-Related Genes Transcriptional Activator PTI5
PTI6; Pathogenesis-Related Genes Transcriptional Activator PTI6
PTTG; Pituitary Tumor-Transforming
Pucr; Purine Catabolism Regulatory Protein
Purr; Laci Family Transcriptional Regulator, Purine Nucleotide Synthesis Repressor
Purr; Purine Operon Repressor

Chromosome Transcription Mix 45

PUT3; Proline Utilization Trans-Activator
Putative Transcriptional Regulator
Raca; Chromosome-Anchoring Protein Raca
RBBP4, HAT2, CAF1, MIS16; Histone-Binding Protein RBBP4
RBBP7; Histone-Binding Protein RBBP7
RCBTB; RCC1 And BTB Domain-Containing Protein
RCC1; Regulator Of Chromosome Condensation
RDR1, RDP1; RNA-Dependent RNA Polymerase 1 [EC:2.7.7.48]

Chromosome Transcription Mix 46

RNF1_2; E3 Ubiquitin-Protein Ligase RNF1/2 [EC:6.3.2.19]
Rob; Right Origin-Binding Protein
Roda, Mrdb; Rod Shape Determining Protein Roda
RSC1_2; Chromatin Structure-Remodeling Complex Subunit RSC1/2
RSC3_30; Chromatin Structure-Remodeling Complex Subunit RSC3/30
RSC4; Chromatin Structure-Remodeling Complex Subunit RSC4
RSC58; Chromatin Structure-Remodeling Complex Subunit RSC58
RSC6; Chromatin Structure-Remodeling Complex Subunit RSC6
RSC8, SWH3, SSR2; Chromatin Structure-Remodeling Complex Subunit RSC8
RSC9; Chromatin Structure-Remodeling Complex Subunit RSC9

Chromosome Transcription Mix 47

RSF1; Remodeling And Spacing Factor 1
RTG2; Retrograde Regulation Protein 2
RUVBL1, RVB1, INO80H; Ruvb-Like Protein 1 (Pontin 52)
RUVBL2, RVB2, INO80J; Ruvb-Like Protein 2 [EC:3.6.4.12]
RYBP; RING1 And YY1-Binding Protein
SAS2; Histone Acetyltransferase SAS2 [EC:2.3.1.48]
SAS3; Histone Acetyltransferase SAS3 [EC:2.3.1.48]
SAS4; Something About Silencing Protein 4
SAS5; Something About Silencing Protein 5

Chromosome Transcription Mix 48

SCMH1; Polycomb Protein SCMH1
SCML1; Sex Comb On Midleg-Like Protein 1
SCML2; Sex Comb On Midleg-Like Protein 2
SCML4; Sex Comb On Midleg-Like Protein 4
Scpa; Segregation And Condensation Protein A
Scpb; Segregation And Condensation Protein B
Sepf; Cell Division Inhibitor Sepf
Seqa; Negative Modulator Of Initiation Of Replication

Chromosome Transcription Mix 49

SETD1, SET1; Histone-Lysine N-Methyltransferase SETD1 [EC:2.1.1.43]
SETD2, SET2; Histone-Lysine N-Methyltransferase SETD2 [EC:2.1.1.43]
SETD7; Histone-Lysine N-Methyltransferase SETD7 [EC:2.1.1.43]
SETDB; Histone-Lysine N-Methyltransferase SETDB [EC:2.1.1.43]
SETMAR; Histone-Lysine N-Methyltransferase SETMAR [EC:2.1.1.43]
SFH1; Chromatin Structure-Remodeling Complex Subunit SFH1
SGF11; SAGA-Associated Factor 11
SGF29; SAGA-Associated Factor 29
SGF73; SAGA-Associated Factor 73

Chromosome Transcription Mix 50

SGO1; Shugoshin
SGOL1; Shugoshin-Like 1
SGOL2; Shugoshin-Like 2
SIM4; Centromere Protein Sim4
SIN3A; Paired Amphipathic Helix Protein Sin3a
SIR1; Regulatory Protein SIR1
SIR2; NAD-Dependent Histone Deacetylase SIR2 [EC:3.5.1.-]
SIR3; Regulatory Protein SIR3
SIR4; Regulatory Protein SIR4

Chromosome Transcription Mix 51

SIRT1, SIR2L1; NAD-Dependent Deacetylase Sirtuin 1 [EC:3.5.1.-]
SIRT2, SIR2L2; NAD-Dependent Deacetylase Sirtuin 2 [EC:3.5.1.-]
SIRT3, SIR2L3; NAD-Dependent Deacetylase Sirtuin 3 [EC:3.5.1.-]

SIRT4, SIR2L4; NAD-Dependent Deacetylase Sirtuin 4 [EC:3.5.1.-]
SIRT5, SIR2L5; NAD-Dependent Deacetylase Sirtuin 5 [EC:3.5.1.-]
SIRT6, SIR2L6; Mono-ADP-Ribosyltransferase Sirtuin 6 [EC:2.4.2.31]
SIRT7, SIR2L7; NAD-Dependent Deacetylase Sirtuin 7 [EC:3.5.1.-]
SKP1, CBF3D; S-Phase Kinase-Associated Protein 1
Slma, Ttk; Tetr/Acrr Family Transcriptional Regulator

Chromosome Transcription Mix 52

SMARCA1, SNF2L; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily A Member 1
[EC:3.6.4.-]
SMARCA2_4; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily A Member 2/4
[EC:3.6.4.-]
SMARCA5, SNF2H, ISWI; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily A Member 5 [EC:3.6.4.-]
SMARCA1; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily A Containing DEAD/H Box 1 [EC:3.6.4.12]
SMARCA1, HARP; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily A-Like Protein 1
[EC:3.6.4.12]
SMARCB1, SNF5, INI1; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily B Member 1
SMARCC; SWI/SNF Related-Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily C
SMARCD; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily D
SMARCE1; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily E, Member 1

Chromosome Transcription Mix 53

Smc; Chromosome Segregation Protein
SMC2; Structural Maintenance Of Chromosome 2
SMC4; Structural Maintenance Of Chromosome 4
SMYD; SET And MYND Domain-Containing Protein
SNF11; SWI/SNF Complex Component SNF11
SNF12, SWP73; SWI/SNF Complex Component SWP73
SNF6; SWI/SNF Complex Component SNF6

Chromosome Transcription Mix 54

SPBC24, SPC24; Kinetochoe Protein Spc24, Animal Type
SPBC25, SPC25; Kinetochoe Protein Spc25, Animal Type
SPC19; DASH Complex Subunit SPC19
SPC24; Kinetochoe Protein Spc24, Fungi Type
SPC25; Kinetochoe Protein Spc25, Fungi Type
SPC34; DASH Complex Subunit SPC34
SPC7, SPC105; Kinetochoe Protein Spc7/SPC105
SPT20, ADA5; Transcription Factor SPT20

SPT7; Transcriptional Activator SPT7

Chromosome Transcription Mix 55

SRCAP; Helicase SRCAP [EC:3.6.4.-]

STH1_SNF2; ATP-Dependent Helicase STH1/SNF2 [EC:3.6.4.-]

Stpa; DNA-Binding Protein Stpa

Sula; Cell Division Inhibitor Sula

SUPT3H, SPT3; Transcription Initiation Protein SPT3

SUV39H, CLR4; Histone-Lysine N-Methyltransferase SUV39H [EC:2.1.1.43]

SUV420H; Histone-Lysine N-Methyltransferase SUV420H [EC:2.1.1.43]

SUZ12; Polycomb Protein SUZ12

Chromosome Transcription Mix 56

SWC3; SWR1-Complex Protein 3

SWC7; SWR1-Complex Protein 7

SWI1, ADR6; SWI/SNF Chromatin-Remodeling Complex Subunit SWI1

SWI3; SWI/SNF Complex Subunit SWI3

SWP82; SWI/SNF Complex Component SWP82

SWR1; Helicase SWR1 [EC:3.6.4.12]

TACC1; Transforming Acidic Coiled-Coil-Containing Protein 1

TACC2; Transforming Acidic Coiled-Coil-Containing Protein 2

TACC3, Maskin; Transforming Acidic Coiled-Coil-Containing Protein 3

Chromosome Transcription Mix 57

TADA2L, ADA2; Transcriptional Adapter 2-Alpha

TADA3L, ADA3, NGG1; Transcriptional Adapter 3

TAF10; Transcription Initiation Factor TFIID Subunit 10

TAF12; Transcription Initiation Factor TFIID Subunit 12

TAF14; Transcription Initiation Factor TFIID/TFIIF Subunit

TAF5; Transcription Initiation Factor TFIID Subunit 5

TAF6; Transcription Initiation Factor TFIID Subunit 6

TAF9B, TAF9; Transcription Initiation Factor TFIID Subunit 9B

TAS3; RNA-Induced Transcriptional Silencing Complex Protein Tas3

Chromosome Transcription Mix 58

TEPT, INO80F; TCF3 Fusion Partner

TIP60, KAT5, ESA1; Histone Acetyltransferase HTATIP [EC:2.3.1.48]

TOP2; DNA Topoisomerase II [EC:5.99.1.3]

TRRAP; Transformation/Transcription Domain-Associated Protein

TTK, MPS1; Serine/Threonine-Protein Kinase TTK/MPS1 [EC:2.7.12.1]

USP22_27_51, UBP8; Ubiquitin Carboxyl-Terminal Hydrolase 22/27/51 [EC:3.1.2.15]

UTX, UTY; Histone Demethylase [EC:1.14.11.-]

VPS72, TCFL1, YL1; Vacuolar Protein Sorting-Associated Protein 72

Chromosome Transcription Mix 59

Xerc; Integrase/Recombinase Xerc

Xerd; Integrase/Recombinase Xerd

YAF2; YY1-Associated Factor 2

YCG1, CAPG; Condensin Complex Subunit 3
YCS4, CNAP1, CAPD2; Condensin Complex Subunit 1
YEATS4, GAS41, YAF9; YEATS Domain-Containing Protein 4
YNG1; Protein YNG1
YNG2, EAF4; Chromatin Modification-Related Protein YNG2

Chromosome Transcription Mix 60

YY; Transcription Factor YY
Zapa; Cell Division Protein Zapa
ZBTB33, KAISO; Zinc Finger And BTB Domain-Containing Protein 33
Zipa; Cell Division Protein Zipa
ZNHIT1, VPS71; Zinc Finger HIT Domain-Containing Protein 1
ZW10; Centromere/Kinetochores Protein ZW10
ZWILCH; Protein Zwilch