

M phase of mitotic cell cycle

M PHASE OF MITOTIC CELL CYCLE

MIH1
NAP1
TEM1

MITOSIS

ALK1
APC1
APC11
APC2
APC4
APC5
APC9
ASM4
BFA1
BIK1
BRN1
BUB2
CDC15
CDC16
CDC20
CDC23
CDC25
CDC26
CDC27
CDC28
CDC31
CDC4
CDC7
CDH1
CIN8

CLB1
CLB2
CLB3
CLB4
CMD1
CSE1
CSE2
DIB1
DOC1
DOM34
EGT2
FUS3
GLC7
HOF1
HRR25
HSL7
IRR1
KAR1
KAR3
KAR4
KIP1
KIP2
MAD1
MAD2
MAD3
MCD1
MCF2
MIH1
MND2
MOB2

MTW1
NDT80
NUD1
NUF2
PDS1
PDS5
RGP1
RIO1
RME1
SAC3
SCC4
SDS22
SIT4
SMC1
SMC2
SMC3
SMC4
SRM1
SSD1
STU1
SWE1
SWM1
TEM1
TOM1
TRF4
TRF5
UBC9
YCG1
YCS4

MITOTIC ANAPHASE

MPS2

MITOTIC ANAPHASE B

ARP1
ASE1
BIK1
CIN8
JNM1
KIP1
KIP2
NIP100

MITOTIC METAPHASE/ANAPHASE TRANSITION

APC1
APC11
APC2
APC4
APC5
APC9
CDC16
CDC20
CDC23
CDC26
CDC27
CDH1
DOC1

REGULATION OF MITOTIC METAPHASE/ANAPHASE TRANSITION

CDC23
DOC1
MND2
SWM1

MITOTIC SISTER CHROMATID SEGREGATION

APC1
APC11
APC2
APC4
APC5
APC9

MITOTIC CHROMOSOME CONDENSATION

BRN1
MCD1
PDS5
SMC2
SMC4
TOP1
TRF4
YCG1
YCS4

MITOTIC SISTER CHROMATID COHESION

CHL1
CTF18
CTF4
CTF8
DCC1
ECO1
IRR1
MCD1
PDS5
FDS1
SGO1
SGS1
SMC1
SMC2
SMC4

REGULATION OF MITOSIS

SPC72
SRC1
TUB1
TUB2
TUB3

MITOTIC SPINDLE CHECKPOINT

BFA1
BIM1
BUB1
BUB2
BUB3
CDC55
CEP3
DMA1
DMA2
GLC7
GRH1
IBD2
MAD1
MAD2
MAD3
MPS1
PPH21
PPH22
TPD3
ULP2
HSL7

POSITIVE REGULATION OF MITOSIS

BFR1
ECO1
RTT101
SUM1

MITOTIC CHECKPOINT

AMN1

MITOTIC SPINDLE CHECKPOINT

BFA1
BIM1
BUB1
BUB2
BUB3
CDC55
CEP3
DMA1
DMA2
GLC7
GRH1
IBD2
MAD1
MAD2
MAD3
MPS1
PPH21
PPH22
TPD3
ULP2
HSL7

POSITIVE REGULATION OF MITOSIS

REGULATION OF EXIT FROM MITOSIS

CBK1
CDC14
CDC15
ESP1
LTE1
MOB1
MOB2
NET1
RIO1
SPO12

NEGATIVE REGULATION OF EXIT FROM MITOSIS

AMN1

REGULATION OF MITOTIC METAPHASE/ANAPHASE TRANSITION

CDC23
DOC1
MND2
SWM1

NEGATIVE REGULATION OF TRANSCRIPTION, MITOTIC

UME6

NEGATIVE REGULATION OF TRANSCRIPTION FROM RNA POLYMERASE II PROMOTER, MITOTIC

CCL1
KIN28
RAD3
SSL1
SSL2
TFB1

TFB2
TFB3
TFB4
YOX1

NEGATIVE REGULATION OF TRANSCRIPTION FROM RNA POLYMERASE II PROMOTER, MITOTIC

CCL1
KIN28
RAD3
SSL1
SSL2
TFB1
TFB2
TFB3
TFB4
YOX1

Gene Database

Sc-Std_20070817.gdb

Expression Dataset

Name: all

Color Sets:

Eth

Nitrogen

Phos

Gene

Legend: Eth

+
-
None
No criteria met
Not found

Legend: Nitrogen

+
-
None
No criteria met
Not found

Legend: Phos

+
-
None
No criteria met
Not found