TRIP10 CHEK2 ,RHOBTB2 BRIP1 -BLM NET1 ITSN1 **♦**ARHGAP10 MCM2 CDC45 GTSE1 MYH9 ARPC1B ARHGEF39 CHEK1 ORC1 IQGAP3-YWHAH DIAPH3 KDM4C / LIMK2 DEPDC1B RNF8 CDC6 SCAI BAIAP2/PKN3 MCM8 MCM10 YWHAZ/ YWHAB PRC1/CTNNB1 CYFIP1 DBF4 CDK2 RFC3 YWHAQ BARD1RPA1 CCNA2 MAPK14-ACTR2 PIK3C3 RHOQ H2BC15 BRCC3 CDC7 H4C3 H2BC13 ARHGAP11B ACTR3 CLSPN CCNE1 H4C5 H2BC10/ H2BC4 HSIBICATION BY Rho GTPIASEH1-DNA2 MCM5 KNL1-ROCK1 ARHGER YBA ZNF385A ell Cycle Checkpoin ENPERP2R5D

NCM4 CENPH CENPI MAPI /H2AX RHO GTPase Effectors ROCK2 CENPH—CENPUMAPRE1 PKMYT1 CCNE2 SKA2 PPP1 CDCA8 PPP2B56CDC20 MYL12AARHGAP11A CDC25A ATM SPC25 PLKT KIFZAJRKB CENPM SPC24 PRKCD ACTB ECT2 61 NUF2 CENPA BIRC5 MAD2L1 ABI2 KIF14 RBBP8 CENPQ-ZWINT NUF2 ZWILCH RCC2 FLNA ARHGAP23 76 MCM7 KNTC1/SKA1 CENPF-CENPN AKTION 20 VAV2 WEE1 90 CKAP5 KIF18A ERCC6L CDC26 PSMA4 H2AC4 CCNB2 CENPI PPP2R1B BUB1 NDC80 MZF 105 ARHGAP18 YWHAE INCENP H2AC20 H2AC8 H3C7 PSME3 UBE2C / CCNB1 CDK1 Mitotic Prometaphase H3C11/ M Phase H3C13 NCAPD2 NEK2 NCAPD3 NUP50 CEP78 TUBGCP4 CETN2 NCAPG PDS5A CSNK2A1 NUP 165 MCPH1 —HAUS4 ESPL ALMS1 \ **EMNA** /PDS5B HAUS1 PLK4 KIF20A CNEP1R1 OFD1-SMC2 CEP70 PTTG1NUP188-LPIN2 BUZF1 EMD WEK6 CEP152~ MASTL KIF23 TMPO RAB2A