

Figure 7		G1	S	G2	M	M/G1
DNA repair	DNA repair	DHS1 PMS1 RAD54 DUN1 RAD27 RDH54 MSH2 RAD5 RHC18 MSH6 RAD51 UNG1 OGG1 RAD53	HPR5	MEC3	ALK1	
	DNA Syn	CDC2 POL12 RFC4 CDC9 POL30 RFC5 CTF18 HYS2 TEL2 CTF4 POL32 TOF1 DPB2 PRI2 TOP3 EST1 RFA1 YNK1 POL1 RFA2 POL2 RFA3	TOF2			
	Replication Init.	CDC45		ORC1	CDC47 MCM2 CDC54 MCM6	CDC6 MCM3 CDC46
	Chromatin	ASF1 MIF2 ASF2 RLF2 CAC2 SPT16 CBF2 ESC4 HIF1	ADA2 HTA1 HHF1 HTA2 HHF2 HTA3 HHO1 HTB1 HHT1 HTB2 HHT2	RAP1 SAS3 TBF1	HST3 WTM2	HST4 WTM1
	Nucleotide Syn.	CDC21 RNR1 RNR3				
	Budding	Site Selection/ Morphogenesis	BNI4 GIN4 SPH1 BUD9 MCD4 SRO4 CDC10 MSB2 GIC2 RSR1	DFG5 GIC1 MSB1	BUD3 MSB4	BEM1 BUD4 BUD8
Glycosylation		MNN1 PMT3 QRI1 OCH1 PMT5 SVS1 PMT1 PSA1 SSO1	GDA1 GOG5 PMI40	ALG7		
Secretion		EMP24 SLY41 SEC28 UFE1	ERV25	SSO2		GYP6
Cell Wall Synthesis		CWH41 GAS1 EXG1 FKS1	ECM17 KRE6 ECM25 WSC2 EXG2	CHS6 CWP1 CWP2	CHS2 WSC4 SED1 SKN1	CHS1 TIP1 GFA1 YGP1 SKT5
Cytokinesis		CSI2 CTS1			CYK2 MYO1 IQG1	EGT2
Fatty Acids/ Lipid/Sterols/ Membranes		EPT1 SUR1 LPP1 SUR2 PSD1 SUR4		AUR1 ERG3 LCB3	ERG2 PMA2 ERG5 PMP1 PMA1	ELO1 FAA4 FAA1 FAS1 FAA3
Mitosis		Spindle Pole Body	CNM67 SPC42 SPC98 NUF1 SPC97 TUB4	YKR037C (SPC34)		NUF2
	Microtubules	BIM1 KAR3 BUB1 SLK19 IPL1	CIN8 STU2 KAR9 VIK1 KIP1	BUB2 KIP3 CIK1 NUM1 KIP2 TUB2	ASE1	
	Chromatid Cohes.	SMC1 MCD1 PDS5 SMC3 PDS1				
	Mitotic Exit			DBF20	APC1 MOB1 CDC5 SPO12 CDC20 TEM1 DBF2	SIC1
Mating/ Mating Type	HO JEM1 MF α 2 MFA1 PEA2			Alpha1 FAR1 MFA2 SHE2 STE2 STE6	AFR1 KAR4 AGA1 MDG1 AGA2 MF α 1 ASH1 SAG1 FUS1 SST2 GPA1 STE3	
Cell Cycle Control	CLB5 CLN2 PCL2 CLB6 HSL1 RME1 CLN1 PCL1 SWE1			CLB4 HSL7 WHI3	ACE2 CLN3 CLB1 SWI5 CLB2	PCL9 SWI4
Methionine	MUP1	MET1 MET13 MET6 MET14 MET10 MET28	MET16 SAM1 MET17 MET3			
Nutrition	BAT2 PHO8		AGP1 BAT1 GAP1	DIP5 PHO12 FET3 PHO84 FTR1 RGT2 MEP3 SUC2 PFK1 SUT1 PHO3 VAP1 PHO5 VCX1 PHO11 ZRT1	AUA1 GLK1 HXT1 HXT2 HXT4 HXT7	
Sporulation	PCH1 SPO16		HOP1	HDR1 SPS4	SSP2	
Pseudohyphae			ELM1	PHD1	TEC1	