

Table S2 Differential gene expression when the serum and serum with butanol data were compared

S20 vs B20 Upregulated genes

Gene I D	Fold change	Standard gene name	Name of <i>S. cerevisiae</i> ortholog(s)
C2_06970W_A	57.6	AAH1	AAH1
C1_13870W_A	55.51	MET3	MET3
C5_00430W_A	25.47	MET14	MET14
C6_03320W_A	23.75		YHI9
C2_06520C_A	16.09		TPC1
CR_07740W_A	14.76		
C7_01520W_A	14.33	FLU1	TPO1
C7_03850W_A	12.91		NOC3
C2_05620W_A	12.16	KTI11	KTI11
C3_06220C_A	12.04	OAC1	OAC1
C1_02450C_A	10.31		BUD20
C1_03870C_A	10.1		YNL234W
C5_03860W_A	9.79	HAM1	HAM1
C5_04030W_A	9.67		
C4_02610C_A	9.65	SUL2	SUL1
C1_05150C_A	9.32		
C2_04700C_A	8.75		UTP30
C6_03390W_A	8.66		DIC1
C4_04100C_A	8.6	ECM1	ECM1
C6_03440W_A	8.53		CCM1
C2_07960C_A	8.49	NSA1	NSA1
C6_01770W_A	8.41	RAD18	RAD18
C1_13820C_A	8.35		
C1_00170W_A	8.29	LEU4	LEU4
C7_02340C_A	8.28		TRM82
C1_07880C_A	8.27	GCS1	GSH1
C6_01180C_A	8.16	EBP1	
CR_04110W_A	8.06		NAF1
CR_04710W_A	7.99		CWC27
C4_00800W_A	7.92		NSE4
C2_06660W_A	7.87		RRP46
C1_11410C_A	7.83		
C1_07790C_A	7.76		CMS1
C1_00900W_A	7.75	RRS1	RRS1
C6_04320C_A	7.45		
C1_03060C_A	7.44	TSR2	TSR2
C7_03310W_A	7.43		
C2_06850W_A	7.39		SLX9
C2_08530C_A	7.35		YML096W

C4_01200C_A	7.32 AAT22	
C2_07410W_A	7.23	YMR210W
C3_01560W_A	7.22	PRP43
C7_03540C_A	7.22 ENP2	ENP2
C2_04080W_A	7.18	
C2_02940W_A	7.14 MET1	MET1
C2_04570W_A	7.13	EBP2
CR_04500C_A	7.13	
C2_06530W_A	7.01	TAH11
C1_07660W_A	7	URB1
C5_02590C_A	7	SLS1
C4_00200C_A	6.86 MET15	MET17
C2_09160W_A	6.82	RRP45
CR_08340W_A	6.75 CYS3	CYS3
C2_02030W_A	6.66 ARO3	ARO3
C2_05080C_A	6.66	BMT2
C4_06710W_A	6.62	
C1_02370C_A	6.59	
C6_01890C_A	6.54	DBP9
C2_06360C_A	6.53 MAK16	MAK16
C3_04210W_A	6.5	
C2_04190C_A	6.49 UGA1	UGA1
C2_04120C_A	6.46	NOP12
C2_10270W_A	6.4 PUS7	PUS7
C4_05230C_A	6.4	RIX1
C1_12310C_A	6.35 CSI2	BRX1
C5_00450C_A	6.35 IFG3	
C3_01150C_A	6.34	APD1
CR_06570C_A	6.33	
C1_05060W_A	6.32 REI1	REI1
C1_12440W_A	6.31	REX4
C4_01360W_A	6.22 PGA53	
C6_04330W_A	6.21 NOP8	NOP8
C4_02830C_A	6.19 HCA4	HCA4
CR_02060W_A	6.17	
C3_01200W_A	6.11 UTP20	UTP20
C6_02770W_A	6.11 MRT4	MRT4
C2_08550C_A	6.07 MSU1	DSS1
C4_00510C_A	6.07 RLP24	RLP24
CR_04750W_A	6.06	YLR363W-A
C4_04990C_A	6.05	
C1_12790C_A	6.03 FEN1	ELO2
C2_01830W_A	6.03 PRP39	PRP39
C6_01530C_A	6	PMP1
CR_10470C_A	6	BFR2
C2_08480W_A	5.97 RRP8	RRP8
C3_02130W_A	5.93 UTP4	UTP4

C6_01200W_A	5.92	
CR_00900W_A	5.92	TRM1
C1_14080W_A	5.91	UTP10
C2_09660W_A	5.89	NOP16
C1_12670C_A	5.87	PRP6
C4_07150W_A	5.84	ATC1
C1_09510W_A	5.8	YTM1
C4_02220C_A	5.8	ZCF25
C2_02580W_A	5.79	
C5_01710C_A	5.79	
C4_00810C_A	5.77	QRI7
CR_10240W_A	5.77	UTP5
C3_05170W_A	5.73	WOR2
CR_01410C_A	5.73	YNL035C
CR_07310W_A	5.63	
C2_09920W_A	5.62	RRG9
CR_07030C_A	5.61	RRP36
C1_09040C_A	5.59	HPM1
C2_04230W_A	5.59	BAT21
C1_04040C_A	5.58	NOP9
CR_02420W_A	5.58	UTP23
C2_00410C_A	5.57	ECM16
C4_07030W_A	5.56	MET16
C2_05160C_A	5.51	PUF6
C2_10240W_A	5.5	GPD1
C3_02020W_A	5.48	MRD1
C2_01240C_A	5.47	CHL1
C3_01680C_A	5.47	YDL183C
C1_04160C_A	5.45	YMR087W
C6_01600W_A	5.45	
CR_05520W_A	5.44	NOC2
C1_10970W_A	5.42	ESF1
C2_02450C_A	5.42	UTP22
C4_05010W_A	5.4	RSA4
C7_01030C_A	5.39	RRP12
CR_05630W_A	5.39	DBP8
C1_06740C_A	5.34	NOP6
C5_03630C_A	5.34	
CR_09800C_A	5.34	UTP14
C2_01970C_A	5.33	ROD1
C1_05740C_A	5.31	
C6_03540W_A	5.31	
C2_09060C_A	5.29	ASN1
C7_00690W_A	5.29	NOP15
C1_04130W_A	5.28	ERB1
C4_03830W_A	5.26	TRM3
C1_03230C_A	5.25	ARX1

C2_05230C_A	5.25 RPF2	RPF2
C6_03250W_A	5.25 BMT4	
CR_04160C_A	5.24	GCD10
C1_00160C_A	5.22	NSR1
CR_01600C_A	5.22	
CR_08490W_A	5.22 TSR1	TSR1
C7_03700C_A	5.21 ENP1	ENP1
C2_04860W_A	5.18 PZF1	PZF1
C3_01430W_A	5.18	RRT14
C4_02080W_A	5.16	
C4_06950W_A	5.14	PUS5
C6_03640W_A	5.14 NOG2	NOG2
C3_02950C_A	5.12 MET13	MET13
C4_05540W_A	5.1 HOM3	HOM3
C3_04690C_A	5.09	
C1_09710C_A	5.06	UTP7
CR_03570C_A	5.06 YVH1	YVH1
C7_00570W_A	5.04 RPA135	RPA135
C2_05090W_A	5.03 MAK5	MAK5
CR_02710W_A	5.03 RRP9	RRP9
C1_03800W_A	4.99 RPP1	RPP1
C5_03250W_A	4.99 RMS1	RKM4
C5_04910W_A	4.99	EFG1
C1_02620C_A	4.98 HOM6	HOM6
C1_05000W_A	4.98 RHD1	
C6_03930W_A	4.98 OPT8	YGL114W
CR_05660W_A	4.97 SDA1	SDA1
C4_03840C_A	4.96 RRP42	RRP42
C1_04390C_A	4.95 NOP4	NOP4
C4_02260C_A	4.92	YMR310C
C1_05500W_A	4.91 RSM22	RSM22
C2_06170C_A	4.91 ECM17	MET5
C1_04120C_A	4.85	IST3
C5_01090C_A	4.85	
C1_11000C_A	4.83	CGR1
C7_04190C_A	4.81 UTP18	UTP18
C6_02150C_A	4.8	MFM1
C1_02590C_A	4.78 SNZ1	SNZ1
C1_12910W_A	4.75	
C3_01000W_A	4.75 BMS1	BMS1
C5_03920C_A	4.72	FCF1
C7_01360C_A	4.72	ZIM17
C1_09610W_A	4.71	
C2_09320C_A	4.71 PES1	NOP7
C2_08280W_A	4.7 EAF3	EAF3
C3_02750W_A	4.7	
CR_07750C_A	4.69	DBP6

C1_11420W_A	4.68 KRR1	KRR1
C1_04510W_A	4.65	
CR_04170W_A	4.64	NOP2
C3_05770C_A	4.63 SAM50	SAM50
C5_01600C_A	4.63 SPB4	SPB4
C6_03110C_A	4.62	ASA1
C3_05590C_A	4.61 BAT22	
C3_04560W_A	4.59 MAK21	MAK21
CR_03650W_A	4.59 SGD1	SGD1
C2_05750W_A	4.57	NOP53
C3_04900W_A	4.57 NOP14	NOP14
C6_01860C_A	4.56 HCH1	HCH1
C6_02230W_A	4.53	LSG1
C2_07910C_A	4.51	
C4_05360C_A	4.5	PET54
C7_03590C_A	4.5	ERC1
C4_06720W_A	4.48 NOP1	NOP1
C5_03080C_A	4.48	ESBP6
C6_00370C_A	4.48 NOP5	NOP58
C6_01170W_A	4.48 CIC1	CIC1
C2_00960C_A	4.46 MXR1	MXR1
C6_04160C_A	4.46 SPB1	SPB1
C1_05050C_A	4.45 RRP6	RRP6
C1_06760C_A	4.41	IPI3
C3_02350W_A	4.41	KRI1
C1_12630C_A	4.4	CWC15
C2_04510W_A	4.4 RIM2	RIM2
C3_06160C_A	4.39	
C5_04750C_A	4.39 HAS1	HAS1
CR_01620C_A	4.39 MET6	MET6
C1_03830C_A	4.38	CSL4
C5_03530C_A	4.38	COQ10
C2_08200W_A	4.37	
C3_07570C_A	4.37	CTO1
C1_08170C_A	4.36 BUL1	
C5_02550C_A	4.36 UTP13	UTP13
C7_03400C_A	4.36	MTR4
C7_02920W_A	4.35	
C5_00310C_A	4.34	
C2_10090C_A	4.33	MRX1
C4_03030C_A	4.33 NAN1	NAN1
C4_00540C_A	4.32 NMD5	NMD5
C2_04350C_A	4.31 SUV3	SUV3
C7_01200C_A	4.3 DBP7	DBP7
C1_05990C_A	4.28	YDL144C
C2_09500W_A	4.28	DUS1
CR_06230W_A	4.28	

C3_07300W_A	4.27 NOP13	NOP13
C1_12030W_A	4.26 SER33	SER3
C1_12750C_A	4.26	CDC40
C1_11070W_A	4.25 PET127	PET127
CR_03380W_A	4.25 MTG1	MTG1
CR_06770C_A	4.25	
C1_07960W_A	4.24	LRP1
C1_02600W_A	4.23 SNO1	SNO1
C3_05160C_A	4.22	DBP10
C4_06210C_A	4.22	NUG1
C1_09490C_A	4.21 GUA1	GUA1
C2_09380W_A	4.2 RRP15	RRP15
CR_01710W_A	4.2	TMA23
C1_07140C_A	4.19 RIA1	RIA1
C1_13380W_A	4.19	BUD13
C3_03650W_A	4.18 HBR3	NOB1
C5_02440C_A	4.18	BUD32
C5_01610W_A	4.17	DEG1
CR_02980C_A	4.17 SRP40	SRP40
C1_01530C_A	4.15	YDR341C
C1_07930C_A	4.15 ERD1	ERD1
C1_08290C_A	4.15 DIP2	DIP2
C1_10800C_A	4.15 ALP1	
C6_02910W_A	4.13 POP4	POP4
C3_06380W_A	4.12 NSA2	NSA2
CR_02030C_A	4.12	RCM1
C2_08180C_A	4.11	RRP14
C7_02660C_A	4.11	LSM12
CR_08890C_A	4.11 ASR2	
C7_01570C_A	4.09	
C4_00650W_A	4.08 HIS5	HIS5
C4_02800W_A	4.06 RPC53	RPC53
C4_02790C_A	4.05 SAS10	SAS10
C5_05190W_A	4.05 PCL5	PCL5
C1_01160C_A	4.04	RRP40
C1_00280C_A	4.03 RFC52	
C6_00940C_A	4.03	PRM5
CR_10540C_A	4.03 MCD1	MCD1
C1_10250C_A	4.02	
C2_02540W_A	4.02	RRP5
CR_01780W_A	4.01	BMT6
CR_06480C_A	4.01 RRN11	RRN11
C1_10670C_A	3.99 RPA190	RPA190
C2_07450C_A	3.99 RCL1	RCL1
C4_02770C_A	3.98	CDC123
CR_06110C_A	3.98 RFX1	RFX1
CR_10690W_A	3.98 POP3	POP3

C2_06480W_A	3.96	TRM10
CR_03370C_A	3.95 KTI12	KTI12
C6_00680C_A	3.94	
CR_09660W_A	3.94	YLR287C
C2_05070W_A	3.93 FRE9	
C2_08000C_A	3.92 KRE30	ARB1
C3_05460W_A	3.92	
C3_02670W_A	3.91	RSA1
C3_04340W_A	3.89 ATF1	
C3_06720W_A	3.89 PRP5	PRP5
C1_11450C_A	3.88 SAM2	SAM2
C5_01430C_A	3.88	RBA50
CR_04240C_A	3.88	KRE33
CR_06720W_A	3.88 NMD3	NMD3
CR_10550W_A	3.88 DRS1	DRS1
C1_04710C_A	3.87	RSA3
C1_08190C_A	3.87 CAT8	CAT8
C1_08870C_A	3.87 JIP5	JIP5
C1_06440C_A	3.86	
C1_13370W_A	3.86	YDR161W
C3_00370C_A	3.86 BUD21	BUD21
C3_05070W_A	3.86 CEM1	CEM1
C5_03310C_A	3.86 PCL1	PCL1
C6_01040C_A	3.86	DHR2
CR_03550W_A	3.86 NCS2	NCS2
C1_01150C_A	3.85	PPM2
C1_10030W_A	3.85 DBP3	DBP3
C1_02970W_A	3.84	
C1_11870W_A	3.84 MUP1	MUP1
C4_01450W_A	3.84 PWP1	PWP1
C7_01270C_A	3.84	CMR1
C2_02630W_A	3.83	RRN7
C5_03970W_A	3.83	
C5_01480W_A	3.81 FYV5	FYV7
C2_05830C_A	3.79	SHQ1
C3_02040C_A	3.79	LOC1
C4_07140W_A	3.79	UPS2
C7_01300C_A	3.79 PSF1	PSF1
C7_01950W_A	3.79	RBD2
CR_03940W_A	3.79	IPI1
C2_07920W_A	3.78	RRT2
C1_14160W_A	3.76	RKM3
C2_03700W_A	3.76	NTA1
C3_06370C_A	3.76	LCP5
CR_09730C_A	3.76 SSF1	SSF1
C4_06790W_A	3.75	GPN3
CR_03980W_A	3.75	YJR056C

C7_00330C_A	3.74	SUA5
CR_05620C_A	3.74 MTG2	MTG2
C2_01060C_A	3.73	JJJ3
C2_02430W_A	3.73 UTP21	UTP21
C3_04380C_A	3.73	SNU13
C5_01680C_A	3.73 CCN1	
C1_01750W_A	3.72	YCR023C
C1_07150W_A	3.72	
C1_07950C_A	3.72	RRP17
C2_00840W_A	3.72	TAH18
C1_12760W_A	3.71	BCP1
C2_09180W_A	3.7	RNH202
C1_14320C_A	3.69	FMP41
C4_01370W_A	3.69 ILV6	ILV6
C1_12680W_A	3.68	RRB1
C3_01300C_A	3.67 NCE103	NCE103
C3_05440C_A	3.67	AIM23
C3_06030W_A	3.67 NOG1	NOG1
C1_05630C_A	3.66	KAP123
C1_06250W_A	3.66	
C1_12800W_A	3.66	
C6_03630W_A	3.66 PAD1	PAD1
CR_04210C_A	3.66 QDR1	QDR1
C2_03690C_A	3.65	
CR_09150W_A	3.65	
C2_01740C_A	3.64	MRPL31
C2_08800C_A	3.64 APE3	APE3
C4_04880W_A	3.64 FGR10	
C1_02250W_A	3.63 CWH8	CAX4
C1_01870C_A	3.62 CYS4	CYS4
C1_04880C_A	3.62 MRPL37	MRPL37
C4_02010C_A	3.62 HSX11	
C5_03640W_A	3.62	
C5_03840W_A	3.62	THI80
C2_06210C_A	3.61 SER1	SER1
C3_05570W_A	3.61 QDR2	
C3_07550C_A	3.61	GEP3
CR_02170W_A	3.6 MET2	MET2
CR_04560C_A	3.6	RAD27
CR_07860C_A	3.6 ASF1	ASF1
C1_01030W_A	3.59 HMT1	HMT1
C1_02380C_A	3.58	CIN4
C2_01070W_A	3.58	RPA49
C1_10620W_A	3.57	CBF5
C3_07540C_A	3.57	
C4_05650W_A	3.57	FAF1
C6_02490C_A	3.56	

C1_02080W_A	3.55	SET6	SET6
C3_05140C_A	3.55		TRM11
CR_06330C_A	3.54		YML108W
CR_08500W_A	3.54		SYO1
C1_04340C_A	3.53		YMR010W
C1_08810C_A	3.53	MSS116	MSS116
C5_04570C_A	3.53	URA7	URA7
C4_03190W_A	3.52		
C5_05410C_A	3.52	ILV3	ILV3
C7_03930C_A	3.51	MAM33	MAM33
C1_10110W_A	3.5		
CR_09950C_A	3.5	SIK1	NOP56
CR_10190C_A	3.5		
C1_00560W_A	3.49	CNS1	CNS1
C4_04840C_A	3.49	AGP3	AGP3
C1_11550W_A	3.48	GAR1	GAR1
C2_05190W_A	3.47	CDC21	CDC21
C4_04470W_A	3.47	SAP10	
C1_05110C_A	3.46	ARO4	ARO4
C2_05860C_A	3.46		XBP1
C6_00320C_A	3.45	DNA2	DNA2
C7_03570W_A	3.45	ARG4	ARG4
C1_03540C_A	3.44		ILM1
C1_13400C_A	3.44	AGC1	AGC1
C4_03170W_A	3.44		NSE3
C3_07660W_A	3.43		RAD4
C6_01290C_A	3.43	QDR3	QDR3
CR_01950W_A	3.42		RPA43
C1_12280C_A	3.41		MRPL13
C3_07580W_A	3.41		
C5_03470C_A	3.41		
C6_01420C_A	3.41		
C1_11380W_A	3.4	NEP1	EMG1
CR_02430C_A	3.4		FAP1
CR_07600W_A	3.4		FUN30
C2_03200W_A	3.39	PRP3	PRP3
C3_07750W_A	3.39	UTP9	UTP9
CR_09370W_A	3.39	ELF1	NEW1
C2_04200W_A	3.38	TBF1	TBF1
C2_02420C_A	3.37		DUS3
C2_05840W_A	3.37		DPH1
C4_04160W_A	3.37		
C1_11230W_A	3.36	FGR39	
C7_01370W_A	3.36		
C2_00390C_A	3.35		STR3
C4_04520W_A	3.35		PXR1
C6_00760W_A	3.34		FES1

CR_09900C_A	3.34	DPB2	DPB2
C2_02950W_A	3.33		BNA3
C3_05510W_A	3.33		
C5_00680W_A	3.33	RMT2	RMT2
C5_01060C_A	3.33	BUD23	BUD23
C6_01120C_A	3.33		STE14
C5_04580C_A	3.32		VPS25
C1_05020C_A	3.31	ARG2	ARG2
CR_00390W_A	3.31		
C1_00340W_A	3.3	HBR1	FAP7
C3_00320W_A	3.28	RHR2	GPP1
C3_04370C_A	3.28		URB2
C5_03410C_A	3.28		MRPL20
C2_06830C_A	3.27	FHL1	FHL1
C5_03810C_A	3.27		
CR_00080W_A	3.27	MIS12	
C1_10080W_A	3.26		CWC21
C4_02750W_A	3.26	HIT1	HIT1
C1_03840W_A	3.25		
C1_09170W_A	3.25	CTA8	HSF1
C2_05050C_A	3.25		GNT1
C6_02960W_A	3.25		YGR012W
C1_12570C_A	3.24		ELP4
C2_06700W_A	3.24	AMO2	
C4_03730C_A	3.24		TRM5
C4_02850W_A	3.22		ELP2
C4_03740W_A	3.22		RRP4
CR_01480W_A	3.22	PRS	AIM10
C7_01170C_A	3.21		
CR_06840W_A	3.21		UTP25
CR_09760W_A	3.2	MED21	SRB7
C1_11610C_A	3.19		
C2_06640C_A	3.19	VAS1	VAS1
C2_07000W_A	3.18		YCR051W
C3_03550C_A	3.18	ULP1	
C4_00750C_A	3.18		
C5_02120C_A	3.18	RIX7	RIX7
CR_06450W_A	3.18		GRC3
C2_00070C_A	3.17	MPP10	MPP10
C4_00960W_A	3.16	PTC8	
C6_00950C_A	3.16	TOP1	TOP1
C6_02300C_A	3.16		
C4_06960W_A	3.15		
CR_06300C_A	3.15	FGR50	
C3_01770C_A	3.14		SCM3
C3_07140C_A	3.14		
C4_00140C_A	3.14	HIS4	HIS4

CR_07710W_A	3.14 ARO2	ARO2
C4_00700C_A	3.13	
C5_00630C_A	3.13 EXO1	EXO1
C5_05340W_A	3.13	SQT1
C6_02420W_A	3.13	PGC1
C6_02440C_A	3.13 PRP45	PRP45
C7_03880C_A	3.13	
C3_06390W_A	3.12	
C4_00740W_A	3.12	POP7
C7_03720C_A	3.12 HIS7	HIS7
C3_04860W_A	3.11	SFP1
C4_04810C_A	3.11	TRM8
C1_05330C_A	3.1	YDR306C
C2_08670C_A	3.1 UTP15	UTP15
C3_03810W_A	3.1 RAD53	RAD53
CR_08940W_A	3.1	GCD14
CR_10410C_A	3.1	PNO1
C2_04820W_A	3.09	MRM1
C2_06750C_A	3.09	
CR_06970C_A	3.09	LIN1
C1_13130C_A	3.08	
C1_13200C_A	3.08 REX3	REX3
C3_03470W_A	3.08	UGA2
C1_05510C_A	3.07 RPS27A	RPS27A
C1_12210W_A	3.07 TRP3	TRP3
C3_02180C_A	3.07	DYS1
CR_02890C_A	3.07	RPC82
C1_00640C_A	3.06 RPO41	RPO41
C1_03400W_A	3.06	ART5
C2_10740C_A	3.06	EMW1
C7_03170W_A	3.06 IFA21	
CR_03340C_A	3.06	SLD2
CR_07950W_A	3.06 IMP4	IMP4
C2_04530W_A	3.05 MED8	MED8
C2_06130W_A	3.05	CSM3
C3_05800W_A	3.05	SEN54
C3_06540C_A	3.05	
CR_00810W_A	3.05	
CR_01700C_A	3.05	PRP24
C2_07340W_A	3.04 NOC4	NOC4
C3_05090C_A	3.04	
C3_07400W_A	3.04	TRM7
C6_04260C_A	3.04	JLP2
C1_02880C_A	3.03 MIA40	MIA40
C1_05930C_A	3.03	DUG2
C2_01400C_A	3.03 ESC4	RTT107
C4_07060W_A	3.03	RPO31

C7_04090C_A	3.03	
C1_03790C_A	3.02	FPR3
C1_06540C_A	3.01	RRP43
C2_07360W_A	3.01	TGS1
C3_02320W_A	3.01 ILV2	ILV2
C3_07650C_A	3.01	
C5_03360W_A	3.01 RPO26	RPO26
C7_01400C_A	3.01	RRN5
C3_02370C_A	3 ALR1	ALR1
CR_03760W_A	3	NNT1
C1_13360C_A	2.99 RMP1	RMP1
C5_00920W_A	2.99	DIB1
C7_01490W_A	2.99	
C1_00840C_A	2.98 NRM1	
C1_10640C_A	2.98 PEA2	PEA2
C2_05980C_A	2.98	TES1
C7_00370W_A	2.98 DCC1	DCC1
CR_03200C_A	2.98	POP1
C2_03070C_A	2.97 SMP3	SMP3
C3_02390W_A	2.97	
CR_00800C_A	2.97 PWP2	PWP2
CR_01590C_A	2.97 TRP2	TRP2
CR_10260W_A	2.97	MRM2
C1_09910C_A	2.96	
C3_02700W_A	2.96 SMC3	SMC3
CR_05570C_A	2.96 RNR3	
C3_01450C_A	2.95 MET18	MET18
CR_01570W_A	2.95	PTH2
C2_02690W_A	2.94 SER2	SER2
C2_07130C_A	2.94 RCK2	RCK2
C3_00100W_A	2.94	YJU2
C3_04270C_A	2.94 CTP1	CTP1
C4_06670W_A	2.94	
CR_01670W_A	2.94	
CR_03110W_A	2.94	MSE1
C1_03460C_A	2.93	
C1_05210C_A	2.93	YNR040W
C2_04990W_A	2.93	SLD7
C2_06190W_A	2.93 ILV1	ILV1
C1_06750W_A	2.92	
C2_01870C_A	2.92	
C4_03870C_A	2.92	NUR1
C5_04290C_A	2.92	
C6_01300W_A	2.92	CST26
C4_01560C_A	2.9	BUL1
C1_01110C_A	2.89 ZPR1	ZPR1
C2_08030W_A	2.89	

CR_04300W_A	2.89	NCL1
CR_10650W_A	2.89 LTV1	LTV1
C3_01480C_A	2.88 RKI1	RKI1
C1_10200C_A	2.87	HOL1
C3_05280C_A	2.87	
C4_06940C_A	2.87	
C2_06650C_A	2.86	PRP31
C4_00210W_A	2.86	YPL034W
C6_02170C_A	2.86 SWD3	SWD3
C1_07200W_A	2.85 YMC1	YMC1
C5_02410C_A	2.85	
C5_03700C_A	2.85	DPH5
CR_00680W_A	2.85 BUD22	BUD22
CR_01550C_A	2.85	YBL055C
CR_06980W_A	2.85	LTO1
CR_10750C_A	2.85	YCR087C-A
C1_07470C_A	2.84	IRC3
C1_11880W_A	2.84	MRPL51
C2_09600C_A	2.84	YCR090C
C4_04110W_A	2.84	
C6_00530C_A	2.84	SME1
C6_02900C_A	2.84	AIM22
C1_00510W_A	2.83	ECM31
C1_04350C_A	2.82	
C1_05820C_A	2.82 RAD10	RAD10
C3_06530W_A	2.82	
C5_00820W_A	2.82	MRPL17
C1_00990C_A	2.81 NMA111	NMA111
C2_10230W_A	2.81	MET32
C3_05380W_A	2.81	YJL163C
CR_01690C_A	2.81 CDC60	CDC60
C1_01450W_A	2.8 ABC1	COQ8
C1_13330C_A	2.8	SPE4
C5_05010W_A	2.8	SNN1
C6_04240W_A	2.8	
CR_08100C_A	2.8 RIO2	RIO2
C1_12110C_A	2.79	
C2_01050W_A	2.79	
C2_05890C_A	2.79 IDP1	IDP1
C2_10140W_A	2.79	UBP8
C4_01130C_A	2.79	VPS71
C5_04650C_A	2.79 MSM1	MSM1
C6_00670W_A	2.79 CDC14	CDC14
C7_03210W_A	2.79	
C1_09540W_A	2.78	
C2_02490C_A	2.78	YPK9
C3_03200C_A	2.78	YDR286C

C6_00380C_A	2.78	
CR_08020C_A	2.78	NOP10
C1_13470W_A	2.77	KNS1
C2_09750W_A	2.77	LEU42
C3_00330W_A	2.77	UTP8
CR_01030W_A	2.77	DAL81
CR_02370W_A	2.77	ERG25
CR_08000C_A	2.77	
CR_08880C_A	2.77	
C1_00910W_A	2.76	TRI1
C1_09010W_A	2.76	NAR1
C1_10340W_A	2.76	
C2_00080C_A	2.76	FAV3
C2_09140C_A	2.76	MET10
C3_02560W_A	2.76	DDC1
C3_04710W_A	2.76	ARV1
C4_03350C_A	2.76	
C4_05460C_A	2.76	OFD1
C5_03460C_A	2.76	
C6_03220W_A	2.76	
C7_00160C_A	2.76	ALB1
CR_06510W_A	2.76	
CR_07510W_A	2.76	SMB1
CR_08580C_A	2.76	
C4_07090C_A	2.75	TRP4
C6_00660C_A	2.75	AIM7
C7_00220W_A	2.75	
C1_03260W_A	2.74	MGS1
C1_06510C_A	2.74	MCH4
C2_01410C_A	2.74	CLB2
C2_02930C_A	2.74	ETT1
C2_06460W_A	2.74	RTA3
C5_05280C_A	2.74	SDH4
C1_02190W_A	2.73	ABP140
C1_06350W_A	2.73	
C2_01430W_A	2.73	APT1
C5_03010W_A	2.73	SNU66
C6_02690C_A	2.73	MRN1
CR_06120W_A	2.73	RPL7
C1_02470W_A	2.72	
C4_02870C_A	2.72	ZUO1
C5_00700C_A	2.72	SPE2
C5_03550W_A	2.72	NUP2
C1_11910W_A	2.71	THP1
C3_02910W_A	2.71	
C4_03900C_A	2.71	RAM1
CR_03680C_A	2.71	SMC1

C1_07710C_A	2.7 ADE4	ADE4
C6_01980C_A	2.7	MRPS18
C7_03530C_A	2.7 ISY1	ISY1
C2_03950W_A	2.69	MRPL24
C2_09900C_A	2.69 TIM23	TIM23
C3_02850C_A	2.69	ATF2
C4_01280C_A	2.69	PRP21
C4_02990C_A	2.69 GST2	
C5_02540C_A	2.69 SPR28	
C6_02350C_A	2.69	PUS1
CR_09310W_A	2.69	RKM1
C2_05340C_A	2.68 RPC40	RPC40
C2_07680W_A	2.68	MRPL7
C6_01030W_A	2.68 HAL22	
C1_07500C_A	2.67 LHP1	LHP1
C2_04300C_A	2.67	MRX11
C2_05330C_A	2.67	
C3_01310W_A	2.67	IRC5
C3_02460C_A	2.67 PHA2	PHA2
C4_04730W_A	2.67 BAS1	BAS1
CR_05480W_A	2.67	ODC1
CR_08960C_A	2.67 MPS1	MPS1
C3_07620C_A	2.66 RIT1	RIT1
C4_00880W_A	2.66	CCA1
C2_05200C_A	2.65 SGO1	SGO1
C2_06810C_A	2.65 RPL11	RPL11B
C4_00690C_A	2.65	DPH2
C6_02430W_A	2.65	ITC1
C1_09390W_A	2.64	MOD5
C2_03920C_A	2.64 GPI13	GPI13
C4_04220W_A	2.64 DUO1	
C6_03210C_A	2.64	RPC34
C7_01020C_A	2.64	MRPS16
C4_06410W_A	2.63	SYF1
C7_00560C_A	2.63 THG1	THG1
C1_02090C_A	2.62	DRN1
C2_03830W_A	2.62	DPH6
C7_00530C_A	2.62 PSF3	PSF3
CR_06910W_A	2.62 BUD5	BUD5
C4_06850C_A	2.61	MAP1
C5_02290W_A	2.61 PDE1	PDE1
C5_05080W_A	2.61 GRF10	PHO2
C1_05220C_A	2.6	
C1_08630W_A	2.6	MTF2
CR_05550C_A	2.6	RET1
C2_00810C_A	2.59	
C4_05000W_A	2.59	

C5_02010C_A	2.59	BUD27
CR_07640C_A	2.59	VFA1
C1_11030W_A	2.58 RPL82	
C3_01710C_A	2.58 PPT1	PPT1
C6_00690W_A	2.58	
CR_02110W_A	2.58 MCM6	MCM6
C1_12380C_A	2.57 WRS1	WRS1
C4_01500W_A	2.57	NCS6
C6_00360C_A	2.57	MIX23
C7_01660C_A	2.57	NEL1
C2_00820W_A	2.56	MSS1
C3_03110W_A	2.56	SNG1
C4_03380C_A	2.56 DAO2	
CR_02600W_A	2.56	
C1_06210W_A	2.55 BUD16	BUD16
C1_03240W_A	2.54	
C1_12640W_A	2.54	SOM1
C2_00870W_A	2.54	
C2_07020C_A	2.54	
C3_01850W_A	2.54	MRP1
C1_10690W_A	2.53	IMO32
C1_12350W_A	2.53	DIS3
C3_02760C_A	2.53	
C7_02460C_A	2.53	NPA3
CR_03440W_A	2.53	
C4_00940W_A	2.52	ELP6
C5_00420C_A	2.52 MRP17	MRP17
CR_04740C_A	2.52 ADE6	ADE6
C1_02840W_A	2.51 PDE2	PDE2
C2_10100W_A	2.51 CWC22	CWC22
C3_02840W_A	2.51	POP5
C3_06150W_A	2.51	YPR022C
C4_02880C_A	2.51	SDO1
CR_02720C_A	2.51 RPC31	RPC31
C3_05900W_A	2.5	YPQ1
C4_01080W_A	2.5 RAT1	RAT1
C4_02590C_A	2.5	SLX4
C6_02290C_A	2.5	TYW1
CR_03100W_A	2.5 SMC5	SMC5
CR_05100W_A	2.5	BIR1
C1_05090W_A	2.49 TRY2	
C1_08890C_A	2.49	MSL1
C1_10440W_A	2.49	YEL043W
C2_06000W_A	2.49 LAS1	LAS1
C5_00320W_A	2.49	YDR115W
CR_10120C_A	2.49	RRG7
C1_05010C_A	2.48	IZH1

C1_07000W_A	2.48	MEF2	MEF2
C2_08560W_A	2.48	SMC2	SMC2
C6_02970C_A	2.48		PEX25
C7_03790W_A	2.48	MRP7	MRP7
C7_03820C_A	2.48		
CR_07000C_A	2.48	POL2	POL2
C2_09890W_A	2.47	SMM1	SMM1
C4_03550W_A	2.47	RAD2	RAD2
C5_04340W_A	2.47		MPD1
C6_02270C_A	2.47	ALG11	ALG11
CR_01960C_A	2.47	MRS2	MRS2
C1_02900C_A	2.46		SPP382
C1_03630W_A	2.46		TTI1
C1_09970C_A	2.46	PDC2	PDC2
C2_01370C_A	2.46		
CR_08450C_A	2.46		
C1_04970W_A	2.45		CLU1
C5_03390C_A	2.45	FUR1	FUR1
C7_04230W_A	2.45	NRG1	NRG2
CR_04920W_A	2.45		YDL119C
C1_10650W_A	2.44	APN2	APN2
C3_00840C_A	2.44		AIM11
C4_00890W_A	2.44	ARO1	ARO1
C7_02930C_A	2.44		TSR4
CR_01260W_A	2.44		TMN3
C1_10920W_A	2.43		TFC6
C2_02270C_A	2.43		MRPS8
C2_09310C_A	2.43		GTF1
C3_05860C_A	2.43		BMT5
C5_02070C_A	2.43		ESF2
C5_02490C_A	2.43	TIF5	TIF5
C1_00520W_A	2.42		YOR283W
C1_07340W_A	2.42		ISW1
C1_07510W_A	2.42		YBL036C
C2_01420C_A	2.42		
C3_06240C_A	2.42		MRPL39
CR_01560W_A	2.42		
C1_11790W_A	2.41		CDC8
C2_05270W_A	2.41		KAP104
C3_05390C_A	2.41	GPI1	GPI1
C3_05980C_A	2.41	FAA2	
C4_03910W_A	2.41	FGR28	
C5_04310W_A	2.41		
C5_04740C_A	2.41	HYS2	POL31
C5_05320C_A	2.41	HIS1	HIS1
CR_07010W_A	2.41	MIS11	MIS1
CR_10580W_A	2.41	PRO1	PRO1

C1_02390W_A	2.4	PSO2
C5_00250C_A	2.4	BER1
C6_02280W_A	2.4	STB1
CR_08190W_A	2.4	
C1_10950C_A	2.39	RIO1
C2_02160W_A	2.39 SAM37	SAM37
C6_00560W_A	2.39	NDC1
C1_04330W_A	2.38 RPN4	RPN4
C2_09020W_A	2.38 CDC47	MCM7
C3_01350C_A	2.38 URA3	URA3
C5_02780W_A	2.38	SPT21
CR_03230W_A	2.38	SQS1
C1_07850C_A	2.37	DOC1
C5_03400C_A	2.37	LSM7
C5_05000C_A	2.37	ROG1
CR_01440C_A	2.37	
C2_04730W_A	2.36	
C7_00950W_A	2.36 YML6	YML6
CR_03750C_A	2.36 PRP42	PRP42
C1_05650W_A	2.35	DAS2
C1_08920W_A	2.35	RSM25
C2_02680W_A	2.35 PDR17	
C3_05930W_A	2.35 CTA4	OAF1
C3_07800C_A	2.35	FCF2
C4_02140C_A	2.35 TIM10	TIM10
C5_02770W_A	2.35 MSW1	MSW1
C6_04530C_A	2.35	RTT10
C1_08520C_A	2.34	MRPL28
C3_00560C_A	2.34 SOF1	SOF1
C4_04820C_A	2.34	MRPL11
C5_00260W_A	2.34	PRS1
C5_01180W_A	2.34 PUS4	PUS4
CR_09740W_A	2.34	RRP3
C1_07690C_A	2.33	CSE1
C1_08410C_A	2.33 SAM4	SAM4
C2_09790W_A	2.33	
CR_09010C_A	2.33	YHR112C
C1_07830C_A	2.32	ECO1
C1_09880C_A	2.32 BUD31	BUD31
C3_03330C_A	2.32	CLF1
C3_06570C_A	2.32 OPI3	OPI3
C4_07080C_A	2.32	
C5_01100C_A	2.32 CLN3	CLN3
C1_05270C_A	2.31	MHR1
C1_11900C_A	2.31	UPF3
C2_10360C_A	2.31 HEM3	HEM3
C3_05890W_A	2.31 TRM12	TRM12

C3_06830C_A	2.31	YLR419W
C5_01700W_A	2.31 MPRL36	MRPL36
C6_03330C_A	2.31	YPR097W
C7_01580W_A	2.31 SMC6	SMC6
C7_01600W_A	2.31	OXA1
C1_08750W_A	2.3 YMC2	
C2_10770W_A	2.3 RPC11	RPC11
C3_05310W_A	2.3 USO6	
C4_03720C_A	2.3	
C2_04640C_A	2.29 SNU114	SNU114
C6_01630W_A	2.29 TIF3	TIF3
CR_02540W_A	2.29 CHO2	CHO2
C1_08420W_A	2.28 GCR3	STO1
C5_02740W_A	2.28	CYC2
C6_03380W_A	2.28	HEK2
CR_00460C_A	2.28	IMP3
CR_03360W_A	2.28	UTP11
CR_06060W_A	2.28	
C1_10070C_A	2.27 MNN23	
C3_06640W_A	2.27	
C5_03290C_A	2.27	MRP10
CR_07720C_A	2.27 CDC45	CDC45
CR_10570C_A	2.27 YHB4	
C2_00200W_A	2.26	PRP18
C1_05640C_A	2.25 FAL1	FAL1
C1_12820C_A	2.25	RPB5
C2_03560C_A	2.25	MRPL35
C3_03560W_A	2.25	ICP55
C4_00480W_A	2.25 DUR4	
C4_04900W_A	2.25 RPL30	RPL30
C4_05890W_A	2.25	
C1_05360C_A	2.24	PAP2
C1_07130C_A	2.24	
C1_07910C_A	2.24 MRPL3	MRPL3
C1_08210C_A	2.24 MLT1	
C3_03000W_A	2.24	
C4_06040W_A	2.24	
C4_06110C_A	2.24 TRP5	TRP5
C7_01250W_A	2.24 ASC1	ASC1
CR_02550C_A	2.24	MTR3
CR_06950C_A	2.24 ATX1	ATX1
CR_07050C_A	2.24 URA2	URA2
C1_06380C_A	2.23	
C1_10610W_A	2.23 FCY23	TPN1
C2_04980C_A	2.23 CKA2	CKA2
C2_09300W_A	2.23 MED18	SRB5
CR_04050C_A	2.23 MEX67	MEX67

CR_08320W_A	2.23	ATS1	ATS1
CR_08520C_A	2.23		
CR_10180W_A	2.23		
C1_01380C_A	2.22	TRM2	TRM2
C1_05200C_A	2.22		
C1_05470W_A	2.22	MTM1	MTM1
C1_09370W_A	2.22	CEF1	CEF1
C1_13520C_A	2.22	MCU1	
C4_00790C_A	2.22	MLH1	MLH1
C5_04720C_A	2.22		FOL2
C7_02060W_A	2.22	LIG1	TRL1
C1_07890C_A	2.21	ADE5,7	ADE5,7
C1_09840C_A	2.21		STS1
C1_12340C_A	2.21	MRPS9	MRPS9
C2_00650W_A	2.21		
C2_08730W_A	2.21	MFG1	MFG1
C3_06200C_A	2.21	MMS21	MMS21
C4_06590W_A	2.21		
C5_02270W_A	2.21	THR4	THR4
C5_02760W_A	2.21	CKB2	CKB2
CR_00410W_A	2.21	RTT109	RTT109
C3_00660W_A	2.2		RSE1
C4_01470W_A	2.2		HRT3
C5_03600W_A	2.2	MDJ1	MDJ1
C2_02400W_A	2.19	ECM3	ECM3
C2_07860W_A	2.19		CUE3
C4_04700W_A	2.19	SSZ1	SSZ1
C4_05970W_A	2.19		
C5_03280W_A	2.19	CAM1-1	
C6_00620W_A	2.19	FCA1	FCY1
C6_02240C_A	2.19	RPL10A	RPL1A
C1_04530C_A	2.18		TRM44
C1_10700C_A	2.18	NIT3	NIT3
C3_06300W_A	2.18	DOT1	DOT1
C4_03700W_A	2.18		VBA1
CR_06490C_A	2.18	HSP60	HSP60
C1_09790C_A	2.17		AIR2
C1_13050W_A	2.17	RPL14	RPL14B
C2_06330C_A	2.17	AVT1	
C5_00030W_A	2.17		MRPL1
C7_02940C_A	2.17	IFM1	IFM1
CR_02580W_A	2.17	PAN6	PAN6
CR_04010C_A	2.17	MRPL40	MRPL40
C1_04720W_A	2.16		
C1_13840W_A	2.16		SMF2
C2_01580W_A	2.16	REX2	REX2
C3_00090W_A	2.16	RPS24	RPS24B

C5_03850W_A	2.16	
C6_02370C_A	2.16	RSM23
CR_00830W_A	2.16	TAH1
C2_04320W_A	2.15	
C3_06230W_A	2.15	CYM1
C4_03410W_A	2.15	MRPL22
C5_00290W_A	2.15	DUS4
CR_00430C_A	2.15	FRA2
CR_03400W_A	2.15	ISM1
CR_06680C_A	2.15	ECM32
CR_08410W_A	2.15	REH1
CR_09990W_A	2.15	
C2_01820C_A	2.14	SNU71
C3_04680W_A	2.14	RPP2B
C4_02720C_A	2.14	SFK1
C6_00640C_A	2.14	TFB4
C6_03450C_A	2.14	NAM2
CR_01150C_A	2.14	CTF18
C2_02190C_A	2.13	
C2_07270W_A	2.13	
C2_09350W_A	2.13	TAZ1
C3_02870C_A	2.13	
C4_03140C_A	2.13	IKI1
C1_04850C_A	2.12	
C1_13960W_A	2.12	YBP1
C3_01490W_A	2.12	RPS7A
C5_03100C_A	2.12	
C7_01210C_A	2.12	RPC37
C1_00150C_A	2.11	RIM8
C1_01910W_A	2.11	YER156C
C1_04000C_A	2.11	KTR4
C2_06950C_A	2.11	ATP23
C3_06630W_A	2.11	SLD3
C4_02400C_A	2.11	MPS3
C7_01450C_A	2.11	PRT1
C1_13560W_A	2.1	SAE2
C2_02120W_A	2.1	MTF1
C2_08050C_A	2.1	ARN1
C2_10810W_A	2.1	ECM2
C3_01520C_A	2.1	TMA46
C4_03800C_A	2.1	NUP84
C4_05570C_A	2.1	TUB4
C5_02670W_A	2.1	BUR2
C5_02820C_A	2.1	MDE1
C5_05250C_A	2.1	RSM7
C7_01420W_A	2.1	GIR2
C7_01680C_A	2.1	

CR_07480W_A	2.1	YBR287W
C1_00740C_A	2.09 SPE1	SPE1
C1_06820W_A	2.09	
C2_03940C_A	2.09 SCH9	SCH9
C3_04520C_A	2.09 ADE2	ADE2
C4_05260W_A	2.09	IKI3
C5_04120C_A	2.09	
C1_01680C_A	2.08	FYV4
C1_05380C_A	2.08	RIF1
C1_09620C_A	2.08	FMC1
C3_04140C_A	2.08 EGD2	EGD2
C3_06310C_A	2.08 ISW2	ISW2
C5_01140C_A	2.08	MSC6
C6_04520W_A	2.08 ILS1	ILS1
CR_06740W_A	2.08	SPC97
CR_07940W_A	2.08	
CR_08330W_A	2.08	OPI10
C2_02510W_A	2.07 PRS1	PRS3
C2_03130W_A	2.07	SFM1
C3_00280C_A	2.07 ULP3	ULP2
C4_07130W_A	2.07	
C7_04150W_A	2.07	RTP1
C1_08600C_A	2.06 GCD6	GCD6
C2_01010W_A	2.06 HGT8	
C2_04400W_A	2.06	
C2_07260C_A	2.06 DQD1	
C3_00830C_A	2.06	CDC9
CR_08360C_A	2.06 RPP2A	RPP2A
C1_03370W_A	2.05	PAB1
C1_08090C_A	2.05 FUN12	FUN12
C1_13060C_A	2.05	MEF1
C2_01860C_A	2.05	UTR4
C2_05670C_A	2.05	SEN34
C2_07160W_A	2.05 SMF12	SMF1
C3_03070W_A	2.05	
C3_04670C_A	2.05 RPS15	RPS15
C3_06620W_A	2.05 FUN31	PSK1
C4_02680C_A	2.05	
C4_04130W_A	2.05	COA1
C6_01070C_A	2.05 CIP1	
C1_06530C_A	2.04	UBP12
C1_08460C_A	2.04 UPC2	UPC2
C1_13410W_A	2.04 COX19	COX19
C1_14330W_A	2.04	SLM3
C2_04340C_A	2.04	YDR248C
C2_07890W_A	2.04 PRS5	PRS5
C3_06270C_A	2.04	RAD33

C3_07150C_A	2.04	RPS12	RPS12
C4_01490W_A	2.04	NIP1	NIP1
C4_04390W_A	2.04		RPL22B
CR_08370W_A	2.04	GSH2	GSH2
C1_08100W_A	2.03	DRG1	RBG1
C1_08670W_A	2.03	SWI6	SWI6
C2_06960W_A	2.03	SPE3	SPE3
C2_07820C_A	2.03	PHO86	PHO86
C2_08040C_A	2.03	RPS10	RPS10A
C3_03390C_A	2.03	YAH1	YAH1
C3_06600C_A	2.03		DML1
C5_00280C_A	2.03		NUC1
C5_04270C_A	2.03	SAH1	SAH1
CR_00480W_A	2.03	MRPL6	MRPL6
C1_02820W_A	2.02	LYS2	LYS2
C3_01030W_A	2.02	ARP9	ARP9
C3_07600W_A	2.02		YCR016W
C5_04840C_A	2.02		NOP19
CR_03060W_A	2.02	ARC1	ARC1
C2_00620C_A	2.01		EFM3
C2_09290W_A	2.01		VMA21
C3_05240C_A	2.01	RPL8B	RPL8B
C4_01680W_A	2.01	TOA2	TOA2
C5_01130W_A	2.01	CYC3	CYC3
C6_03350C_A	2.01	ARP4	ARP4
CR_00510C_A	2.01	ADE1	ADE1
CR_04780W_A	2.01	RPB8	RPB8
CR_07360W_A	2.01	PIF1	PIF1
CR_08090W_A	2.01	SSB1	SSB2
C1_13010W_A	2		PET309
C2_00280C_A	2		CWC24
C2_01220W_A	2		NIC96
C4_06450W_A	2		IES6
C5_01930W_A	2		PRP9
CR_01320C_A	2		YGR125W

S45 vs B45 Upregulated genes

Gene I D	Fold change	Standard gene nan	Name of <i>S. cerevisiae</i> ortholog(s)
C5_03440W_A	45.64		
CR_02920C_A	33.65	AQY1	AQY1
C1_04750W_A	24.32	IFE1	BDH2
C2_05070W_A	22.96	FRE9	
C1_06740C_A	22.68	NOP6	NOP6
C4_04100C_A	21.24	ECM1	ECM1
C4_05010W_A	21.10		RSA4
C2_04120C_A	19.39		NOP12
C3_01430W_A	19.12		RRT14

C6_04130C_A	18.99	ALS4	
C2_07960C_A	18.54	NSA1	NSA1
C1_05000W_A	18.47	RHD1	
C1_06760C_A	18.34		IPI3
CR_03570C_A	18.31	YVH1	YVH1
CR_06300C_A	17.68	FGR50	
C2_05620W_A	17.64	KTI11	KTI11
C7_03540C_A	17.52	ENP2	ENP2
C1_12440W_A	17.45		REX4
C6_03250W_A	17.09	BMT4	
C2_04570W_A	16.88		EBP2
C5_03530C_A	16.70		COQ10
CR_04110W_A	16.30		NAF1
C4_04840C_A	16.09	AGP3	AGP3
C5_04030W_A	15.51		
C2_05090W_A	15.30	MAK5	MAK5
C2_06460W_A	15.11	RTA3	
C1_00900W_A	14.94	RRS1	RRS1
C7_00690W_A	14.94	NOP15	NOP15
C3_03650W_A	14.87	HBR3	NOB1
CR_08500W_A	14.54		SYO1
C2_06850W_A	14.24		SLX9
C7_02340C_A	13.98		TRM82
C1_12310C_A	13.49	CSI2	BRX1
C1_02450C_A	13.45		BUD20
C1_04040C_A	13.39		NOP9
C1_11420W_A	13.25	KRR1	KRR1
C7_01030C_A	13.24		RRP12
C3_02040C_A	13.07		LOC1
CR_05380C_A	12.83	YCP4	YCP4
C3_06760W_A	12.42		RRP1
CR_02980C_A	12.31	SRP40	SRP40
C2_05160C_A	12.30		PUF6
CR_09730C_A	12.07	SSF1	SSF1
CR_03370C_A	11.92	KTI12	KTI12
CR_05520W_A	11.85	NOC2	NOC2
CR_08490W_A	11.80	TSR1	TSR1
C7_04190C_A	11.62	UTP18	UTP18
C7_01200C_A	11.53	DBP7	DBP7
C1_10030W_A	11.46	DBP3	DBP3
C3_01560W_A	11.35		PRP43
CR_10240W_A	11.31	UTP5	UTP5
CR_05660W_A	11.17	SDA1	SDA1
CR_01410C_A	11.10		YNL035C
CR_04170W_A	11.09		NOP2
C3_04510W_A	11.00		YBL028C
C3_02020W_A	10.95		MRD1

C6_04160C_A	10.56	SPB1	SPB1
C1_03840W_A	10.54		
C3_05170W_A	10.45	WOR2	
C1_12420C_A	10.42		
C5_01610W_A	10.40		DEG1
C6_01170W_A	10.34	CIC1	CIC1
C1_13370W_A	10.33		YDR161W
C3_00370C_A	10.23	BUD21	BUD21
C2_00860C_A	10.17		
C1_10970W_A	10.13		ESF1
C2_07340W_A	10.09	NOC4	NOC4
CR_07030C_A	10.09		RRP36
C3_07300W_A	10.03	NOP13	NOP13
C3_06160C_A	9.94		
C4_00510C_A	9.94	RLP24	RLP24
C3_02130W_A	9.92	UTP4	UTP4
C6_01180C_A	9.88	EBP1	
CR_05630W_A	9.75	DBP8	DBP8
C1_09510W_A	9.69	YTM1	YTM1
CR_04240C_A	9.51		KRE33
C1_04390C_A	9.46	NOP4	NOP4
CR_04750W_A	9.43		YLR363W-A
C1_09330W_A	9.41		TMA16
C6_02230W_A	9.36		LSG1
C1_03060C_A	9.34	TSR2	TSR2
C3_05160C_A	9.33		DBP10
C2_09320C_A	9.31	PES1	NOP7
C5_03250W_A	9.24	RMS1	RKM4
C4_03830W_A	9.22		TRM3
C1_08070W_A	9.20	CDR4	
C5_01430C_A	9.19		RBA50
C7_02240W_A	9.12	FMP45	FMP45
C6_02360W_A	9.10	NIP7	NIP7
C1_03230C_A	8.97	ARX1	ARX1
C6_03210C_A	8.93		RPC34
CR_07060C_A	8.93	CRZ2	
C3_06030W_A	8.81	NOG1	NOG1
C1_03830C_A	8.79		CSL4
C5_02550C_A	8.79	UTP13	UTP13
CR_06720W_A	8.75	NMD3	NMD3
C2_00410C_A	8.70		ECM16
C2_09660W_A	8.66		NOP16
C1_05050C_A	8.64	RRP6	RRP6
C2_04080W_A	8.59		
CR_02030C_A	8.55		RCM1
C5_01600C_A	8.50	SPB4	SPB4
C7_04230W_A	8.44	NRG1	NRG2

C7_00570W_A	8.43 RPA135	RPA135
C1_06570W_A	8.38 ANT1	ANT1
C3_01000W_A	8.37 BMS1	BMS1
C3_00800W_A	8.35 MIH1	MIH1
C3_06380W_A	8.31 NSA2	NSA2
CR_10550W_A	8.31 DRS1	DRS1
C5_04750C_A	8.27 HAS1	HAS1
C3_04560W_A	8.26 MAK21	MAK21
C4_06720W_A	8.25 NOP1	NOP1
C1_07880C_A	8.21 GCS1	GSH1
C6_01890C_A	8.14	DBP9
C1_00160C_A	8.10	NSR1
C6_04380W_A	7.98 ALS2	
C4_04810C_A	7.93	TRM8
C1_11000C_A	7.88	CGR1
C2_02540W_A	7.87	RRP5
CR_02420W_A	7.82	UTP23
C1_05480C_A	7.75	
C2_08200W_A	7.74	
C4_06210C_A	7.74	NUG1
C1_06440C_A	7.73	
C1_13480W_A	7.73 HSP70	SSA4
C4_00810C_A	7.73	QRI7
C6_01440C_A	7.72 FRP5	
CR_06550C_A	7.71	
C2_10240W_A	7.70 GPD1	GPD1
C1_01110C_A	7.69 ZPR1	ZPR1
C1_07950C_A	7.62	RRP17
C2_06700W_A	7.61 AMO2	
C3_02350W_A	7.58	KRI1
CR_05620C_A	7.50 MTG2	MTG2
C2_08480W_A	7.46 RRP8	RRP8
CR_03940W_A	7.45	IPI1
C1_08040W_A	7.42	
C6_00480C_A	7.42 FET3	
CR_10470C_A	7.41	BFR2
C2_09500W_A	7.37	DUS1
C4_02260C_A	7.34	YMR310C
C1_09710C_A	7.26	UTP7
C7_01520W_A	7.25 FLU1	TPO1
CR_03650W_A	7.24 SGD1	SGD1
C4_02720C_A	7.21	SFK1
CR_03550W_A	7.21 NCS2	NCS2
C2_03690C_A	7.17	
C2_05080C_A	7.15	BMT2
C6_00370C_A	7.11 NOP5	NOP58
C1_07990C_A	7.10	

C7_00160C_A	7.01	ALB1
CR_09370W_A	6.95 ELF1	NEW1
C2_05230C_A	6.88 RPF2	RPF2
CR_08940W_A	6.86	GCD14
C5_03920C_A	6.83	FCF1
C1_14080W_A	6.81	UTP10
CR_02520W_A	6.80 RPC19	RPC19
C2_00070C_A	6.78 MPP10	MPP10
C5_01060C_A	6.78 BUD23	BUD23
C6_03710W_A	6.77 ALS9	FLO1
C2_02420C_A	6.75	DUS3
C4_04500C_A	6.66	EFM5
C3_05230W_A	6.45 SAP3	
C7_04090C_A	6.42	
C2_01050W_A	6.36	
C2_09990C_A	6.36 YOR1	YOR1
CR_00680W_A	6.33 BUD22	BUD22
C1_12680W_A	6.30	RRB1
C1_14160W_A	6.30	RKM3
C1_08810C_A	6.29 MSS116	MSS116
C2_09380W_A	6.27 RRP15	RRP15
C6_01420C_A	6.26	
CR_09800C_A	6.20	UTP14
C1_04330W_A	6.15 RPN4	RPN4
C4_04320W_A	6.15 FRE10	
CR_03760W_A	6.15	NNT1
C3_04370C_A	6.10	URB2
C1_09550W_A	6.09	
C4_05650W_A	6.09	FAF1
C1_01150C_A	6.06	PPM2
C1_01750W_A	6.05	YCR023C
C3_05570W_A	6.00 QDR2	
C5_00910C_A	6.00 TRX2	
C3_06370C_A	5.95	LCP5
C4_02850W_A	5.91	ELP2
CR_01950W_A	5.86	RPA43
C3_06390W_A	5.85	
C5_05340W_A	5.85	SQT1
CR_05390W_A	5.83 PST3	PST2
C1_06810W_A	5.77 CAT1	CTA1
C2_10740C_A	5.75	EMW1
C5_02120C_A	5.75 RIX7	RIX7
CR_10410C_A	5.72	PNO1
CR_00900W_A	5.69 TRM1	TRM1
C3_01680C_A	5.68	YDL183C
CR_03360W_A	5.67	UTP11
C1_13870W_A	5.66 MET3	MET3

C2_08000C_A	5.66 KRE30	ARB1
C1_03390W_A	5.63 EHT1	EHT1
C2_06480W_A	5.63	TRM10
C2_10270W_A	5.63 PUS7	PUS7
C3_04200W_A	5.63 AFP99	
C4_01450W_A	5.60 PWP1	PWP1
C3_07070C_A	5.55	
C4_06710W_A	5.54	
C3_05140C_A	5.53	TRM11
C1_01160C_A	5.49	RRP40
C2_05660W_A	5.48 PNG2	
C4_02050W_A	5.48 HGH1	HGH1
C2_10810W_A	5.45	ECM2
C3_03470W_A	5.44	UGA2
CR_00080W_A	5.41 MIS12	
C3_05460W_A	5.35	
C1_10360C_A	5.32	YCR061W
CR_07470W_A	5.32	DSS4
CR_07750C_A	5.32	DBP6
C2_06890C_A	5.22	
C4_03110W_A	5.21	DNF3
C5_00920W_A	5.17	DIB1
C2_07450C_A	5.16 RCL1	RCL1
C6_04530C_A	5.09	RTT10
CR_07480W_A	5.06	YBR287W
C6_01040C_A	5.04	DHR2
C4_04470W_A	5.00 SAP10	
CR_07950W_A	4.98 IMP4	IMP4
C7_04140C_A	4.97	YAR1
C2_10100W_A	4.96 CWC22	CWC22
C4_02990C_A	4.96 GST2	
C5_00680W_A	4.96 RMT2	RMT2
C1_01220C_A	4.95	
C4_07050W_A	4.95 YDC1	YDC1
CR_04160C_A	4.94	GCD10
CR_01780W_A	4.93	BMT6
CR_08340W_A	4.93 CYS3	CYS3
CR_00460C_A	4.92	IMP3
CR_06590C_A	4.92 RGS2	RGS2
C2_00080C_A	4.91 FAV3	
C2_08840W_A	4.91	TRM112
C3_02180C_A	4.90	DYS1
C6_02350C_A	4.87	PUS1
C2_08820C_A	4.86 SPO11	SPO11
C4_06620C_A	4.86	
C4_03840C_A	4.85 RRP42	RRP42
C4_02080W_A	4.84	

C1_05230W_A	4.82	RPC25
CR_08890C_A	4.81 ASR2	
C2_07020C_A	4.80	
C4_00750C_A	4.78	
C3_01150C_A	4.74	APD1
C4_00690C_A	4.74	DPH2
C6_02940C_A	4.73	
C1_13940W_A	4.72 SIM1	UTH1
C3_04860W_A	4.72	SFP1
CR_06120W_A	4.71 RPL7	RLP7
C1_10620W_A	4.67	CBF5
C2_05340C_A	4.67 RPC40	RPC40
CR_03710C_A	4.67	
C1_08870C_A	4.66 JIP5	JIP5
C2_02980C_A	4.65 DLD1	
CR_06680C_A	4.64	ECM32
C1_12570C_A	4.60	ELP4
C4_03900C_A	4.60 RAM1	RAM1
C7_00330C_A	4.59	SUA5
C3_00330W_A	4.57 UTP8	UTP8
C6_03180C_A	4.56	ALY2
CR_10750C_A	4.55	YCR087C-A
C1_02800W_A	4.54	
CR_06330C_A	4.53	YML108W
C1_02190W_A	4.51 ABP140	ABP140
C2_01070W_A	4.51	RPA49
C4_05700W_A	4.49 ZCF5	
C3_07340W_A	4.47 GCY1	GCY1
CR_05550C_A	4.46	RET1
C2_06000W_A	4.41 LAS1	LAS1
C3_06830C_A	4.40	YLR419W
C6_03390W_A	4.40	DIC1
C1_09810W_A	4.39	YGR210C
CR_09950C_A	4.39 SIK1	NOP56
C4_04140W_A	4.37	
C5_00310C_A	4.36	
C4_06790W_A	4.35	GPN3
CR_02530W_A	4.35 DBP2	DBP2
C1_00560W_A	4.33 CNS1	CNS1
CR_07820W_A	4.32	
C2_07130C_A	4.31 RCK2	RCK2
C5_03470C_A	4.30	
C6_02420W_A	4.30	PGC1
C7_01670W_A	4.30	
C7_01360C_A	4.25	ZIM17
C2_07920W_A	4.24	RRT2
C6_02770W_A	4.24 MRT4	MRT4

C3_03450C_A	4.22	BMT7	
C4_03190W_A	4.21		
C2_09260C_A	4.20	GLO2	GLO2
C1_13130C_A	4.18		
C2_05960C_A	4.17		
C3_05800W_A	4.17		SEN54
C1_12670C_A	4.15		PRP6
C3_07750W_A	4.15	UTP9	UTP9
C4_03350C_A	4.15		
C1_05510C_A	4.13	RPS27A	RPS27A
C1_05840W_A	4.13	PRN1	
C4_00970C_A	4.13	MDN1	MDN1
C3_01520C_A	4.12		TMA46
C6_04320C_A	4.12		
C2_03830W_A	4.11		DPH6
C1_04130W_A	4.08	ERB1	ERB1
C2_03040W_A	4.08	PLC2	
C4_02300W_A	4.04	HOS3	HOS3
C1_01530C_A	4.03		YDR341C
C1_09490C_A	4.03	GUA1	GUA1
C1_12600C_A	4.00	CHR1	ROK1
C2_05970C_A	4.00	TES1	
C3_07400W_A	3.99		TRM7
C4_03740W_A	3.99		RRP4
C5_03010W_A	3.97		SNU66
CR_09960C_A	3.97	UGA3	UGA3
CR_00740C_A	3.96	BMT3	
C1_05520W_A	3.95		
C1_07330W_A	3.94	RME1	RME1
C6_04050W_A	3.94		
C4_01080W_A	3.93	RAT1	RAT1
C1_06770W_A	3.92		YNL181W
C2_06930C_A	3.90		
C4_06470W_A	3.90		YMR295C
C6_01870C_A	3.90		YHK8
C1_01910W_A	3.88		YER156C
C1_06540C_A	3.86		RRP43
C4_06390W_A	3.86	SOU1	
C6_04200C_A	3.86		
C6_00530C_A	3.85		SME1
C1_11700C_A	3.84	MRF1	
C5_02010C_A	3.84		BUD27
C2_06470W_A	3.83	RTA2	RSB1
C1_02090C_A	3.82		DRN1
C1_13720W_A	3.82		KEL3
C3_00100W_A	3.82		YJU2
C5_02280C_A	3.81		CTR86

C1_05360C_A	3.80	PAP2
C1_10780C_A	3.80 HNT1	HNT1
C2_02510W_A	3.79 PRS1	PRS3
C2_07300C_A	3.79 RPA12	RPA12
C3_05930W_A	3.78 CTA4	OAF1
CR_02890C_A	3.78	RPC82
C1_08630W_A	3.76	MTF2
C7_02490W_A	3.76 PEX1	PEX1
CR_00670C_A	3.76	TRM13
C5_04350C_A	3.74	FSH3
C2_04820W_A	3.73	MRM1
C3_03870C_A	3.72 SAP9	YPS1
CR_08100C_A	3.72 RIO2	RIO2
CR_09140C_A	3.71	MSC1
C6_03610W_A	3.70 FGR17	
C5_01480W_A	3.69 FYV5	FYV7
C6_02910W_A	3.69 POP4	POP4
C1_10110W_A	3.68	
CR_07160C_A	3.68	
C4_02870C_A	3.67 ZUO1	ZUO1
C6_00290W_A	3.67	
C1_11910W_A	3.66	THP1
C7_02460C_A	3.66	NPA3
CR_00800C_A	3.66 PWP2	PWP2
C1_05330C_A	3.63	YDR306C
CR_04920W_A	3.63	YDL119C
C1_13330C_A	3.62	SPE4
C4_00540C_A	3.59 NMD5	NMD5
C3_00560C_A	3.58 SOF1	SOF1
C2_02740C_A	3.57 HPT1	HPT1
C3_06850W_A	3.56 FCR1	
C5_04990W_A	3.56	RPC17
C6_03630W_A	3.56 PAD1	PAD1
C2_00650W_A	3.52	
C1_05640C_A	3.47 FAL1	FAL1
C2_01010W_A	3.45 HGT8	
C4_06410W_A	3.44	SYF1
C1_11200W_A	3.43	
CR_01700C_A	3.42	PRP24
C3_07100C_A	3.41	NGR1
C4_00490W_A	3.41	
CR_10690W_A	3.41 POP3	POP3
C6_04260C_A	3.38	JLP2
C2_03940C_A	3.37 SCH9	SCH9
C7_03930C_A	3.37 MAM33	MAM33
C1_01030W_A	3.35 HMT1	HMT1
C1_04350C_A	3.35	

C4_06990W_A	3.35	
C1_11550W_A	3.33	GAR1
C2_02900W_A	3.33	
C4_00940W_A	3.32	ELP6
C1_12760W_A	3.31	BCP1
C2_06390C_A	3.31	IMH3
C2_09000C_A	3.30	
C4_07060W_A	3.30	RPO31
C6_02560W_A	3.28	YMR315W
C2_06750C_A	3.27	
C3_01230C_A	3.27	
C3_02460C_A	3.27	PHA2
C4_04550C_A	3.27	OMA1
C2_01060C_A	3.26	JJJ3
C3_07600W_A	3.26	YCR016W
C3_07670W_A	3.26	YDR090C
C4_07140W_A	3.26	UPS2
C7_00880C_A	3.26	
CR_06770C_A	3.26	
CR_06840W_A	3.26	UTP25
C2_07410W_A	3.25	YMR210W
C1_06120C_A	3.24	
CR_09150W_A	3.24	
C2_07070W_A	3.23	ZTA1
C6_03840C_A	3.23	SNQ2
C3_04380C_A	3.21	SNU13
CR_08020C_A	3.21	NOP10
C1_00990C_A	3.20	NMA111
C1_05210C_A	3.19	YNR040W
C2_02600C_A	3.18	FGR22
C2_00880W_A	3.17	
C7_00380W_A	3.17	PET8
C3_05070W_A	3.16	CEM1
C1_12140W_A	3.15	
C3_06720W_A	3.15	PRP5
C1_07500C_A	3.14	LHP1
C1_07710C_A	3.13	ADE4
C1_04740W_A	3.12	LPG20
C1_07140C_A	3.12	RIA1
C5_01110W_A	3.12	OTU2
CR_02060W_A	3.12	
C2_03130W_A	3.11	SFM1
C4_06540W_A	3.11	MNN4
C5_04580C_A	3.11	VPS25
C3_05380W_A	3.10	YJL163C
C1_00340W_A	3.08	HBR1
C3_06230W_A	3.08	CYM1

C5_01180W_A	3.08	PUS4	PUS4
C7_00490C_A	3.08		TAE1
CR_04420C_A	3.08	RBR2	TIP1
C5_03360W_A	3.07	RPO26	RPO26
C7_03230C_A	3.07		
CR_09670C_A	3.07		YJL068C
C2_01410C_A	3.05	CLB2	CLB2
C2_04230W_A	3.05	BAT21	BAT2
C6_00590W_A	3.05	SLY41	SLY41
C1_09170W_A	3.04	CTA8	HSF1
C6_00760W_A	3.04		FES1
C7_02100W_A	3.04		
C1_02840W_A	3.03	PDE2	PDE2
C3_00750W_A	3.03	LYS144	
C3_05860C_A	3.03		BMT5
C4_06780C_A	3.03	OYE32	
C5_00280C_A	3.03		NUC1
C4_01010C_A	3.02	DAG7	
C6_04300W_A	3.02		
CR_08580C_A	3.02		
C2_00170C_A	3.01		TCD2
C2_01880C_A	3.01	ZCF6	
C7_03210W_A	3.01		
C1_12350W_A	3.00		DIS3
C4_03150W_A	3.00		HSH155
C5_03390C_A	3.00	FUR1	FUR1
C5_03640W_A	3.00		
C6_03200W_A	2.99		
CR_05570C_A	2.99	RNR3	
C1_05650W_A	2.97		DAS2
C2_09900C_A	2.97	TIM23	TIM23
C3_04520C_A	2.96	ADE2	ADE2
C1_00220W_A	2.95	PHR2	GAS1
C1_09440W_A	2.95		PPA2
C4_01280C_A	2.95		PRP21
CR_05990C_A	2.93	SFL1	SFL1
C1_01610C_A	2.92		
C5_03700C_A	2.92		DPH5
CR_06980W_A	2.92		LTO1
CR_08330W_A	2.89		OPI10
CR_08920W_A	2.89		
C2_07360W_A	2.88		TGS1
C4_05770C_A	2.88	CFL1	
C5_03970W_A	2.88		
C7_00310C_A	2.88		
C1_07690C_A	2.87		CSE1
C2_02710C_A	2.87		RRP7

C1_06560W_A	2.86	YGR117C
C7_02930C_A	2.86	TSR4
C4_00480W_A	2.84 DUR4	
C4_01470W_A	2.84	HRT3
C3_07760C_A	2.83	
C5_02070C_A	2.83	ESF2
C2_02960C_A	2.82	EFM2
C2_03020C_A	2.82	YJL016W
C4_03050C_A	2.82	CPS1
C6_01300W_A	2.82	CST26
CR_03110W_A	2.82	MSE1
C2_03030W_A	2.81 LIG4	DNL4
CR_06570C_A	2.81	
C4_00360C_A	2.80 RCH1	YMR034C
CR_04300W_A	2.80	NCL1
C4_04700W_A	2.79 SSZ1	SSZ1
CR_07640C_A	2.79	VFA1
C1_13470W_A	2.78 KNS1	KNS1
C3_00950C_A	2.77	CPR7
C3_07550C_A	2.77	GEP3
C4_07030W_A	2.77 MET16	MET16
CR_03750C_A	2.77 PRP42	PRP42
C1_03200C_A	2.76 ARO80	ARO80
C1_13270W_A	2.75	POF1
C3_04480C_A	2.75 RAS2	
C1_04140W_A	2.74 IFD6	
C3_00480C_A	2.74 DOT5	DOT5
C1_00500C_A	2.73 GLO1	GLO1
C1_01240W_A	2.73 IFD3	
C1_04720W_A	2.73	
CR_03230W_A	2.73	SQS1
C1_09610W_A	2.72	
C6_01000C_A	2.72	AEP1
C1_06380C_A	2.71	
C1_06800W_A	2.71	RAI1
C2_07000W_A	2.71	YCR051W
C3_05980C_A	2.71 FAA2	
C5_02430W_A	2.71 ZCF22	
CR_10270C_A	2.71 AHA1	AHA1
C5_00260W_A	2.70	PRS1
C1_03400W_A	2.69	ART5
C2_04640C_A	2.69 SNU114	SNU114
C3_03680W_A	2.69	DPL1
CR_02720C_A	2.69 RPC31	RPC31
CR_05750W_A	2.69	
CR_06000W_A	2.69 SOK1	SOK1
C1_09400C_A	2.68 FTH1	FTH1

C2_08620W_A	2.68	YPL191C
C5_03860W_A	2.68 HAM1	HAM1
C1_00150C_A	2.67 RIM8	RIM8
C1_01900C_A	2.67	TMA64
C1_11220C_A	2.67 TIM50	TIM50
C2_03200W_A	2.66 PRP3	PRP3
C3_03550C_A	2.66 ULP1	
C6_02500C_A	2.66 GCV1	GCV1
C6_01690W_A	2.65 ACF2	ACF2
C1_02620C_A	2.64 HOM6	HOM6
C4_01490W_A	2.64 NIP1	NIP1
C1_05220C_A	2.63	
C3_07380W_A	2.63	YBR062C
C5_04570C_A	2.63 URA7	URA7
CR_07250C_A	2.63	
C1_03790C_A	2.62	FPR3
C3_02570W_A	2.62	YIL108W
CR_08000C_A	2.62	
C3_06100C_A	2.61 DED1	DED1
C3_06860C_A	2.61	YJR096W
C4_06850C_A	2.61	MAP1
C1_01470W_A	2.60	NAB2
C1_08090C_A	2.60 FUN12	FUN12
C2_05440W_A	2.60 PEX6	PEX6
C4_03720C_A	2.60	
C6_03480W_A	2.60 YMX6	
C7_00590W_A	2.58	
C2_06070W_A	2.57 FAA2-1	
CR_08320W_A	2.57 ATS1	ATS1
C3_03330C_A	2.55	CLF1
C4_03730C_A	2.55	TRM5
C6_01980C_A	2.55	MRPS18
CR_07780W_A	2.55	
C1_03370W_A	2.54	PAB1
C2_01920C_A	2.54	
C3_03070W_A	2.54	
C5_03550W_A	2.54	NUP2
CR_09930W_A	2.54	YDR124W
C2_02690W_A	2.53 SER2	SER2
C1_07090C_A	2.52	RNH70
C2_10640C_A	2.52 MTR2	MTR2
C4_01680W_A	2.52 TOA2	TOA2
C5_01930W_A	2.52	PRP9
C2_00220C_A	2.51	TFG2
C3_05790C_A	2.51	SGF11
C4_05260W_A	2.51	IKI3
C1_02310C_A	2.50	GON7

C1_11020W_A	2.50	
C3_07620C_A	2.50	RIT1
C2_03090C_A	2.49	ADE8
C2_00810C_A	2.48	
C2_09140C_A	2.48	MET10
C1_14130W_A	2.47	FTR1
C2_01510C_A	2.47	TAD2
C5_02490C_A	2.47	TIF5
CR_04050C_A	2.47	MEX67
C2_06810C_A	2.46	RPL11B
C2_08050C_A	2.46	SIT1
C6_02730W_A	2.46	SAC6
CR_09310W_A	2.46	RKM1
C4_02880C_A	2.45	SDO1
CR_04740C_A	2.45	ADE6
C1_11560C_A	2.44	MRX8
C2_05810W_A	2.44	BOP3
C4_00160C_A	2.44	CAR2
C4_03160C_A	2.44	
C1_08600C_A	2.43	GCD6
C1_13400C_A	2.43	AGC1
C2_00280C_A	2.43	CWC24
C2_09930W_A	2.43	UBX4
C6_00640C_A	2.43	TFB4
C7_01220W_A	2.43	GCN3
C1_02910C_A	2.42	ATG17
C1_07510W_A	2.42	YBL036C
C2_03700W_A	2.42	NTA1
C1_02440C_A	2.41	OTU1
C1_03240W_A	2.41	
C4_01130C_A	2.41	VPS71
CR_02430C_A	2.41	FAP1
C5_00140C_A	2.39	YHR140W
C2_02880C_A	2.38	EBP7
C2_06020W_A	2.38	CNT
C2_09750W_A	2.38	LEU42
C1_01770W_A	2.37	MAK32
C2_00100C_A	2.37	YJL171C
C5_01910W_A	2.37	GIS2
C1_02880C_A	2.36	MIA40
C1_09060C_A	2.36	FUN14
C7_03220C_A	2.36	ZCF29
CR_04360C_A	2.36	NHP2
CR_08130W_A	2.36	ATP10
C4_05100C_A	2.35	MYO5
C6_03750C_A	2.35	SBA1
C6_03800C_A	2.35	IZH3

C7_01940C_A	2.35	PRM10
C2_08240W_A	2.34	ORF298
CR_09990W_A	2.34	
C1_11370C_A	2.33	LCD1
C4_04090C_A	2.33	CNE1
C2_04480W_A	2.32	
C2_06960W_A	2.32	SPE3
C6_01160W_A	2.32	RCN1
CR_03630W_A	2.32	IFF3
C2_09950W_A	2.31	FCY21
C5_00290W_A	2.31	DUS4
C5_02730C_A	2.31	CIA1
C6_03330C_A	2.31	YPR097W
C7_02020W_A	2.31	RAD14
C1_00520W_A	2.30	YOR283W
CR_07080W_A	2.30	TIF6
C1_00510W_A	2.29	ECM31
C1_10220C_A	2.29	TPK1
C2_03990W_A	2.29	GCD7
C4_01670C_A	2.29	TAP42
C5_01940W_A	2.29	RIB2
C7_02290W_A	2.29	
C1_08100W_A	2.28	DRG1
C3_02030W_A	2.28	PCP1
C3_04220C_A	2.28	URK1
C3_05310W_A	2.28	USO6
C4_04720W_A	2.28	MTD1
C6_03690W_A	2.28	ALS5
CR_10400W_A	2.28	ARD1
C2_05490W_A	2.27	
C2_09170W_A	2.27	SLP2
C5_05430W_A	2.27	PEX4
C1_12410C_A	2.26	PKH2
C3_07290W_A	2.26	OCA5
C4_05400C_A	2.26	
C1_10450W_A	2.25	GLY1
C2_00960C_A	2.25	MXR1
C2_06170C_A	2.25	ECM17
CR_10170C_A	2.25	ASP1
C1_06910C_A	2.24	CAF130
C1_13260W_A	2.24	FPR2
C1_14490C_A	2.24	SAM35
C2_07570W_A	2.24	RNR22
C2_07890W_A	2.24	PRS5
C1_00530C_A	2.23	
C1_05930C_A	2.23	DUG2
C1_10340W_A	2.23	

C1_13160W_A	2.23	PSA2	
C2_08860W_A	2.23		FPK1
C3_05590C_A	2.23	BAT22	
C3_07430W_A	2.23		DET1
C4_01840C_A	2.23		AIM2
C6_02590C_A	2.23	MOB1	MOB1
CR_02460W_A	2.23		
C3_00890C_A	2.22		
C4_04510W_A	2.22		TFC3
C5_03680W_A	2.22	FGR27	
C1_01520C_A	2.21	SOD2	SOD2
C2_05520W_A	2.21		EFM4
C6_04590C_A	2.20	NAG1	
C1_04990C_A	2.19		
C1_07390W_A	2.19		UBX5
C2_00140W_A	2.19	NDT80	NDT80
C2_04520C_A	2.19		
C2_08090W_A	2.19		
C5_03740W_A	2.19		
CR_09240C_A	2.19		YPL225W
C1_04340C_A	2.18		YMR010W
C2_04190C_A	2.18	UGA1	UGA1
C2_10770W_A	2.18	RPC11	RPC11
C4_00700C_A	2.18		
C4_02620C_A	2.18		YDR109C
CR_04780W_A	2.18	RPB8	RPB8
CR_08370W_A	2.18	GSH2	GSH2
C1_03110W_A	2.17	RPL6	RPL6B
C1_11900C_A	2.17		UPF3
C2_08460C_A	2.17		
C4_07100C_A	2.17		BRR2
C1_00550W_A	2.16	CIS2	ECM38
C1_07890C_A	2.16	ADE5,7	ADE5,7
C1_09000W_A	2.16		YTP1
C1_10410W_A	2.16		
C1_01490W_A	2.15		
C7_03990C_A	2.15		TAN1
CR_08180C_A	2.15	TRM9	TRM9
C1_03300C_A	2.14	MAS1	MAS1
C1_09390W_A	2.14		MOD5
C2_00620C_A	2.14		EFM3
C3_06060W_A	2.14	ELP3	ELP3
C4_05810W_A	2.14		CAJ1
CR_00590W_A	2.14	PHO81	PHO81
C1_13910C_A	2.13	MODF	YDR061W
C2_03910C_A	2.13		MNL1
C3_06340W_A	2.13	HNT2	HNT2

C3_06680C_A	2.13	
C3_07480W_A	2.13	PRP19
CR_00980C_A	2.13	CAB3
CR_09110C_A	2.13	PGA3
C1_01130W_A	2.12	MET30
C1_07240W_A	2.12 YPD1	YPD1
C2_07610C_A	2.12	RQC1
C3_06150W_A	2.12	YPR022C
C5_00950C_A	2.12	SET5
C6_02480W_A	2.12	ADH7
C1_05560W_A	2.11 RIB4	RIB4
C1_06110C_A	2.11 NPL4	NPL4
C2_04930C_A	2.11 CRK1	SGV1
C2_05150W_A	2.11 PEX2	PEX2
C4_04630C_A	2.11	
C7_03360W_A	2.11 CPY1	PRC1
CR_08660W_A	2.11 PRP8	PRP8
C1_02430C_A	2.10	YGR054W
C1_03430W_A	2.10	TGL2
C1_05540C_A	2.10	
C1_07290W_A	2.10	
C2_10190C_A	2.10 OCA1	OCA1
C3_01140W_A	2.10	
C3_02870C_A	2.10	
C5_00180W_A	2.10	VIP1
CR_07700W_A	2.10	
C1_11010C_A	2.09	PEX32
C2_09600C_A	2.09	YCR090C
C3_05510W_A	2.09	
C7_02330W_A	2.09 YCF1	YCF1
CR_02510W_A	2.09	AZF1
CR_03990C_A	2.09 GCD1	GCD1
CR_08090W_A	2.09 SSB1	SSB2
C4_02740W_A	2.08	
C5_03670C_A	2.08	
C5_04610W_A	2.08	YJR084W
C6_02410W_A	2.08	NPY1
CR_05890C_A	2.08	VPS75
CR_10430C_A	2.08	SPP2
C1_05630C_A	2.07	KAP123
C3_06940W_A	2.07	
C6_00660C_A	2.07	AIM7
C1_01100W_A	2.06 CCH1	CCH1
C1_06790C_A	2.06 MRPL19	MRPL19
C1_11660W_A	2.06 GAD1	GAD1
C2_01870C_A	2.06	
C2_03360W_A	2.06	AMD1

C2_07380W_A	2.06	SSC1	SSC1
C2_09880C_A	2.06		YOR338W
C3_01350C_A	2.06	URA3	URA3
C4_05590W_A	2.06		YPR117W
C6_03760C_A	2.06	SHM2	SHM2
CR_00210W_A	2.06	ALK2	
CR_08250C_A	2.06	HSP104	HSP104
C1_07570C_A	2.05		
C2_10710W_A	2.05	TIF11	TIF11
C5_01640W_A	2.05	MAS2	MAS2
C5_05190W_A	2.05	PCL5	PCL5
C1_04120C_A	2.04		IST3
C1_07820W_A	2.04		YFR045W
C1_08710W_A	2.04		YNL050C
C1_12780W_A	2.04	RBK1	RBK1
C2_03550C_A	2.04		NMD2
C2_04370W_A	2.04		
C2_05100C_A	2.04	ERF1	SUP45
C3_04680W_A	2.04	RPP2B	RPP2B
C6_04080W_A	2.04		MAP2
C2_09070C_A	2.03		
C4_05170C_A	2.03	NBP35	NBP35
C5_00900C_A	2.03	URA4	URA4
C1_06510C_A	2.02		MCH4
C1_06960W_A	2.02	SUI2	SUI2
C1_07420C_A	2.02	PEX3	PEX3
C4_04880W_A	2.02	FGR10	
C4_06420W_A	2.02		
C5_01520C_A	2.02	GLR1	GLR1
C1_07130C_A	2.01		
C1_07200W_A	2.01	YMC1	YMC1
C2_08760C_A	2.01	TIF4631	TIF4631
C3_03890W_A	2.01	CSC25	CDC25
C4_01460C_A	2.01		
C7_03530C_A	2.01	ISY1	ISY1
C1_12890W_A	2.00		
C2_05370C_A	2.00	RXT3	RXT3
C2_07140W_A	2.00		YNL010W
C2_08780W_A	2.00	RPT6	RPT6
C4_03040W_A	2.00		RPB10
C4_04270W_A	2.00		DAL3
C5_02170C_A	2.00	GCD11	GCD11
C6_00970C_A	2.00	HAL21	MET22

S120 vs B120 Upregulated genes

Gene ID	Fold change	Standard gene name	Name of <i>S. cerevisiae</i> ortholog(s)
C1_14120C_A	37.69	RBE1	PRY2

C1_00170W_A	35.29	LEU4	LEU4
CR_06300C_A	30.47	FGR50	
C2_08590W_A	22.16	YWP1	
C1_07330W_A	20.22	RME1	RME1
C5_03440W_A	18.99		
C1_05000W_A	18.33	RHD1	
C1_11990W_A	17.22		
C6_03250W_A	15.95	BMT4	
CR_05210W_A	15.7		
C2_06460W_A	15.06	RTA3	
C6_04130C_A	14.43	ALS4	
C4_02220C_A	13.8	ZCF25	
CR_01200W_A	13.47	OYE22	
C2_06970W_A	13.1	AAH1	AAH1
C1_02270C_A	12.9		
C4_03960W_A	12.7		
C4_06530C_A	12.45	XUT1	
C1_04750W_A	12.25	IFE1	BDH2
C7_04230W_A	11.72	NRG1	NRG2
C1_06810W_A	11.65	CAT1	CTA1
C6_01180C_A	11.31	EBP1	
CR_01160W_A	11.23		
C3_05580C_A	10.48	GAP2	GAP1
C1_13870W_A	10.32	MET3	MET3
C3_01460C_A	9.37	FOX3	
C2_03690C_A	9.25		
C4_01010C_A	9.05	DAG7	
C1_08070W_A	8.87	CDR4	
CR_00150C_A	8.77	POT1	POT1
CR_08890C_A	8.73	ASR2	
C3_06850W_A	8.41	FCR1	
C5_03530C_A	8.29		COQ10
C4_06390W_A	8.12	SOU1	
C3_04210W_A	8.05		
C7_02240W_A	7.78	FMP45	FMP45
C6_01420C_A	7.75		
C2_08170W_A	7.73		SAY1
C1_02800W_A	7.28		
C1_01220C_A	7.16		
C1_01750W_A	7.12		YCR023C
C2_03120W_A	7.12	AMO1	
C1_09610W_A	7.1		
C5_00430W_A	7.1	MET14	MET14
C2_08400C_A	6.95		
C6_01010W_A	6.85	KAR5	KAR5
C2_07570W_A	6.84	RNR22	
C1_06570W_A	6.83	ANT1	ANT1

C3_02310W_A	6.68	MEP1	MEP3
C3_04200W_A	6.67	AFP99	
C3_02480C_A	6.39	CCP1	CCP1
C6_04190C_A	6.37		
CR_01810C_A	6.1		
CR_09140C_A	6.04		MSC1
C4_05700W_A	6.02	ZCF5	
C6_00960W_A	5.98	CAN1	
C6_00480C_A	5.77	FET3	
C6_03360C_A	5.77		
C3_00410C_A	5.66		
C2_08870C_A	5.64	PIR1	PIR1
CR_05380C_A	5.6	YCP4	YCP4
C1_05480C_A	5.59		
C2_00180C_A	5.56		
C3_01960C_A	5.56	POX1-3	POX1
C4_05540W_A	5.56	HOM3	HOM3
C5_02080C_A	5.54	HSP12	
C5_02110W_A	5.51		HSP12
C1_08240C_A	5.43		
C1_10110W_A	5.41		
C1_05060W_A	5.33	REI1	REI1
C1_08840W_A	5.32		
C1_04660W_A	5.24	DUR1,2	DUR1,2
CR_02880W_A	5.24		
CR_04220C_A	5.21		
C6_00870C_A	5.16	ILV5	ILV5
C4_06620C_A	5.09		
CR_09150W_A	5.09		
C1_07990C_A	5.04		
C4_00160C_A	5.03	CAR2	CAR2
C5_04030W_A	5.03		
C4_04840C_A	4.99	AGP3	AGP3
C4_02200C_A	4.96		
C6_04610C_A	4.93	NAG3	
C1_13600W_A	4.92		YBL029W
C3_03710W_A	4.89	CCC1	CCC1
C4_02610C_A	4.89	SUL2	SUL1
C3_00810C_A	4.84	FOX2	FOX2
C6_02940C_A	4.79		
C1_06740C_A	4.72	NOP6	NOP6
C2_04460W_A	4.72	LYS22	
C3_04580C_A	4.63	STP1	
CR_00360C_A	4.61	LEU1	LEU1
C1_02980W_A	4.58	GOR1	GOR1
C1_01150C_A	4.57		PPM2
C6_04380W_A	4.56	ALS2	

C2_09920W_A	4.5	RRG9
CR_06550C_A	4.48	
C3_02810C_A	4.43 FAA21	FAA2
C4_06380W_A	4.41 SOU2	
C5_00140C_A	4.4	YHR140W
CR_00310C_A	4.39	
C6_03630W_A	4.36 PAD1	PAD1
C4_03050C_A	4.3	CPS1
C5_03470C_A	4.22	
C4_04140W_A	4.18	
C2_00080C_A	4.17 FAV3	
C6_00290W_A	4.08	
C1_04460C_A	4.06	
C6_03610W_A	4.06 FGR17	
C2_04230W_A	4 BAT21	BAT2
C1_06720C_A	3.99	
C1_08790W_A	3.94 TPO3	TPO2
C2_10240W_A	3.89 GPD1	GPD1
C2_05890C_A	3.87 IDP1	IDP1
CR_05620C_A	3.87 MTG2	MTG2
C4_01470W_A	3.84	HRT3
C7_00110W_A	3.82 SOD3	
C7_03850W_A	3.82	NOC3
C3_04860W_A	3.81	SFP1
C4_03160C_A	3.8	
C1_02620C_A	3.76 HOM6	HOM6
C6_02500C_A	3.74 GCV1	GCV1
C6_00520W_A	3.73	
CR_05390W_A	3.73 PST3	PST2
C6_03530C_A	3.71	
C2_00130W_A	3.67	
C1_11070W_A	3.65 PET127	PET127
C4_03110W_A	3.65	DNF3
C6_03710W_A	3.65 ALS9	FLO1
C4_03190W_A	3.63	
C4_07050W_A	3.63 YDC1	YDC1
C4_06120W_A	3.61 GDH3	GDH3
CR_08490W_A	3.58 TSR1	TSR1
C3_00320W_A	3.56 RHR2	GPP1
C2_06850W_A	3.55	SLX9
C3_03870C_A	3.49 SAP9	YPS1
C1_07820W_A	3.48	YFR045W
C2_09590C_A	3.48	PIC2
C3_02670W_A	3.48	RSA1
CR_06770C_A	3.46	
C2_09750W_A	3.44 LEU42	
C7_04090C_A	3.42	

C3_06760W_A	3.4	RRP1
C4_04810C_A	3.4	TRM8
C2_04480W_A	3.37	
C2_07300C_A	3.36 RPA12	RPA12
CR_07480W_A	3.35	YBR287W
C2_02910W_A	3.34	
C2_07130C_A	3.34 RCK2	RCK2
C5_05410C_A	3.27 ILV3	ILV3
C3_00100W_A	3.26	YJU2
C6_03180C_A	3.26	ALY2
C1_08890C_A	3.25	MSL1
C4_02720C_A	3.22	SFK1
C7_03880C_A	3.22	
C1_03180W_A	3.21	LIP2
C3_02040C_A	3.21	LOC1
C6_01890C_A	3.21	DBP9
C2_08200W_A	3.2	
C1_13670W_A	3.18 OSM2	OSM1
CR_04110W_A	3.16	NAF1
CR_09960C_A	3.15 UGA3	UGA3
C1_10780C_A	3.14 HNT1	HNT1
C3_03990C_A	3.11 AAP1	
C1_09190C_A	3.09 DAK2	DAK2
C2_01570W_A	3.09	
C3_03140C_A	3.08 DAL4	DAL4
C4_02050W_A	3.08 HGH1	HGH1
C3_06860C_A	3.07	YJR096W
C1_08290C_A	3.05 DIP2	DIP2
C1_08530W_A	3.05	
C5_01080C_A	3.05 GDS1	GDS1
C2_00880W_A	3.03	
C5_00100C_A	3.03	
C3_07360W_A	3.02 DLD2	DLD1
C6_01980C_A	3	MRPS18
CR_01470W_A	3 CSP37	OM45
C1_06350W_A	2.99	
C2_04570W_A	2.99	EBP2
C3_05380W_A	2.99	YJL163C
C1_09600C_A	2.98 LIP6	
C4_06710W_A	2.97	
C2_09500W_A	2.96	DUS1
C4_00510C_A	2.96 RLP24	RLP24
CR_03240C_A	2.96	JJJ1
C1_13060C_A	2.95	MEF1
C2_08130W_A	2.95 ARA1	ARA1
C5_01110W_A	2.95	OTU2
C1_07000W_A	2.94 MEF2	MEF2

C6_04310W_A	2.94	PEX11	PEX11
CR_04210C_A	2.94	QDR1	QDR1
C2_04120C_A	2.92		NOP12
C6_02230W_A	2.91		LSG1
C4_02880C_A	2.9		SDO1
C4_01170C_A	2.87	BMT9	
C1_06550W_A	2.86	GLT1	GLT1
C1_08060W_A	2.86	OFR1	
C4_03350C_A	2.86		
C5_03800W_A	2.86		RCF1
CR_01570W_A	2.86		PTH2
C1_04740W_A	2.84	LPG20	YPL088W
C3_04510W_A	2.84		YBL028C
CR_05790C_A	2.84	ACO2	ACO2
CR_05990C_A	2.84	SFL1	SFL1
C2_09000C_A	2.83		
CR_02420W_A	2.83		UTP23
CR_03450W_A	2.83	HXT5	
C1_07960W_A	2.82		LRP1
C1_01520C_A	2.81	SOD2	SOD2
C2_02640C_A	2.81		
C2_07960C_A	2.81	NSA1	NSA1
C4_01090C_A	2.81		
C4_04500C_A	2.81		EFM5
CR_01980C_A	2.81	CRC1	CRC1
C1_01240W_A	2.8	IFD3	
CR_01410C_A	2.8		YNL035C
C4_01840C_A	2.79		AIM2
C4_03710C_A	2.79		
C3_05070W_A	2.78	CEM1	CEM1
CR_01400W_A	2.78	LYS12	LYS12
C1_09160W_A	2.77	AOX1	
C7_03540C_A	2.77	ENP2	ENP2
C2_07450C_A	2.76	RCL1	RCL1
C1_01160C_A	2.75		RRP40
C1_03400W_A	2.75		ART5
C1_06120C_A	2.75		
C2_09140C_A	2.75	MET10	MET10
C2_08050C_A	2.73	SIT1	ARN1
C2_00410C_A	2.72		ECM16
C3_03800W_A	2.72	PTR22	PTR2
C5_04650C_A	2.72	MSM1	MSM1
C7_03530C_A	2.72	ISY1	ISY1
C4_06790W_A	2.71		GPN3
C7_02340C_A	2.71		TRM82
C1_01490W_A	2.7		
C5_05130C_A	2.7		CAB5

C3_05140C_A	2.69	TRM11
C4_00210W_A	2.69	YPL034W
C4_05460C_A	2.69 OFD1	TPA1
C3_01560W_A	2.68	PRP43
C1_06440C_A	2.67	
C1_09910C_A	2.66	
C2_07630C_A	2.66	RTC3
C3_07300W_A	2.66 NOP13	NOP13
C4_04880W_A	2.66 FGR10	
CR_02710W_A	2.66 RRP9	RRP9
CR_09370W_A	2.66 ELF1	NEW1
C1_12190W_A	2.65 BUL4	
C6_04530C_A	2.65	RTT10
CR_02030C_A	2.65	RCM1
C1_03660W_A	2.64	
C1_09710C_A	2.64	UTP7
C6_00800C_A	2.64	
C1_09690W_A	2.63 MLS1	MLS1
C2_06470W_A	2.63 RTA2	RSB1
C3_00370C_A	2.63 BUD21	BUD21
C7_00590W_A	2.63	
C2_09160W_A	2.62	RRP45
C5_00310C_A	2.62	
C7_04190C_A	2.62 UTP18	UTP18
CR_08940W_A	2.62	GCD14
C1_07880C_A	2.61 GCS1	GSH1
C1_13630W_A	2.61 CYB2	CYB2
C6_02560W_A	2.61	YMR315W
CR_00210W_A	2.61 ALK2	
CR_07030C_A	2.61	RRP36
C3_03200C_A	2.6	YDR286C
C4_01370W_A	2.6 ILV6	ILV6
C6_03930W_A	2.6 OPT8	YGL114W
CR_10470C_A	2.6	BFR2
C7_00690W_A	2.59 NOP15	NOP15
C7_02100W_A	2.59	
C1_05270C_A	2.58	MHR1
C1_10970W_A	2.58	ESF1
C2_00840W_A	2.58	TAH18
C2_01870C_A	2.58	
CR_04810W_A	2.58 RPS3	RPS3
CR_09670C_A	2.58	YJL068C
C1_09810W_A	2.57	YGR210C
C2_07070W_A	2.56	ZTA1
C2_09380W_A	2.56 RRP15	RRP15
C5_05280C_A	2.56 SDH4	TIM18
C6_01000C_A	2.56	AEP1

CR_08000C_A	2.56	
C1_06800W_A	2.55	RAI1
C4_02300W_A	2.55 HOS3	HOS3
C4_03030C_A	2.55 NAN1	NAN1
C5_04290C_A	2.55	
C1_11700C_A	2.54 MRF1	
C2_01740C_A	2.54	MRPL31
C4_02790C_A	2.54 SAS10	SAS10
C4_00700C_A	2.53	
C5_02270W_A	2.53 THR4	THR4
CR_06590C_A	2.53 RGS2	RGS2
CR_02690W_A	2.52	ALF1
CR_07700W_A	2.52	
C2_01010W_A	2.51 HGT8	
C2_09660W_A	2.51	NOP16
C3_03390C_A	2.51 YAH1	YAH1
C4_01730C_A	2.51	PBY1
C4_03900C_A	2.51 RAM1	RAM1
CR_00670C_A	2.51	TRM13
CR_03000C_A	2.51	
C1_02850W_A	2.5	VTs1
C1_02880C_A	2.5 MIA40	MIA40
C2_06480W_A	2.5	TRM10
C4_05010W_A	2.5	RSA4
CR_03010C_A	2.5 ERV1	ERV1
C3_07550C_A	2.49	GEP3
C1_04040C_A	2.48	NOP9
C2_07340W_A	2.48 NOC4	NOC4
C3_02140C_A	2.48	
C3_04370C_A	2.48	URB2
C4_02410C_A	2.48 AHP1	AHP1
C5_02280C_A	2.48	CTR86
C1_12360C_A	2.47 RIB3	RIB3
C3_06380W_A	2.47 NSA2	NSA2
C7_01490W_A	2.47	
C1_11020W_A	2.46	
C4_04470W_A	2.46 SAP10	
C4_06820C_A	2.46 CZF1	
C6_04200C_A	2.46	
C1_11420W_A	2.45 KRR1	KRR1
C2_08240W_A	2.45 ORF298	
C3_05800W_A	2.45	SEN54
C4_04820C_A	2.45	MRPL11
C1_11380W_A	2.44 NEP1	EMG1
C2_01760C_A	2.44	
C2_06000W_A	2.44 LAS1	LAS1
C2_08000C_A	2.44 KRE30	ARB1

C4_02140C_A	2.44	TIM10	TIM10
C6_00640C_A	2.44		TFB4
CR_03470W_A	2.44		YPL014W
CR_10240W_A	2.44	UTP5	UTP5
C1_03830C_A	2.43		CSL4
CR_06720W_A	2.43	NMD3	NMD3
C2_08670C_A	2.41	UTP15	UTP15
C4_04110W_A	2.41		
CR_08990C_A	2.41		
C1_10880W_A	2.4		UTP6
C2_04930C_A	2.4	CRK1	SGV1
C1_11970C_A	2.39		
C1_13720W_A	2.39		KEL3
C2_02980C_A	2.39	DLD1	
C4_01080W_A	2.39	RAT1	RAT1
C5_02120C_A	2.39	RIX7	RIX7
C5_02730C_A	2.39		CIA1
C6_04240W_A	2.39		
C2_00140W_A	2.38	NDT80	NDT80
C4_02620C_A	2.38		YDR109C
CR_03710C_A	2.38		
CR_07050C_A	2.38	URA2	URA2
C1_08870C_A	2.37	JIP5	JIP5
C2_02880C_A	2.37	EBP7	
C2_08460C_A	2.37		
C4_05230C_A	2.37		RIX1
CR_10550W_A	2.37	DRS1	DRS1
C5_01430C_A	2.36		RBA50
CR_04760C_A	2.36		YMR221C
C1_11010C_A	2.35		PEX32
C1_02820W_A	2.34	LYS2	LYS2
C1_03840W_A	2.34		
C1_14320C_A	2.34		FMP41
C3_00750W_A	2.34	LYS144	
C3_03650W_A	2.33	HBR3	NOB1
C4_06210C_A	2.33		NUG1
C4_07030W_A	2.33	MET16	MET16
C5_03710C_A	2.33		
C6_03470W_A	2.33		CSR1
C5_03390C_A	2.32	FUR1	FUR1
C6_00360C_A	2.32		MIX23
C7_01030C_A	2.32		RRP12
C7_03120W_A	2.32	TIM54	TIM54
C1_02810W_A	2.31	RAD16	RAD16
C1_06820W_A	2.31		
C1_07950C_A	2.31		RRP17
C4_01740W_A	2.31	TIM12	TIM12

CR_02060W_A	2.31	
C2_05090W_A	2.3	MAK5
C6_00760W_A	2.3	FES1
C6_01040C_A	2.3	DHR2
CR_10410C_A	2.3	PNO1
C1_02090C_A	2.29	DRN1
C2_00480C_A	2.29	PHHB
C3_01680C_A	2.29	YDL183C
C3_03500W_A	2.29	SKN2
C4_02830C_A	2.29	HCA4
C5_00930C_A	2.29	TFS1
CR_03750C_A	2.29	PRP42
C2_02430W_A	2.28	UTP21
C2_04510W_A	2.28	RIM2
C3_00960W_A	2.28	
C5_03920C_A	2.28	FCF1
C7_03400C_A	2.28	MTR4
C7_03520W_A	2.28	PNC1
CR_03070W_A	2.28	DOM34
C2_01970C_A	2.27	ROD1
C3_05570W_A	2.27	QDR2
C7_03930C_A	2.27	MAM33
CR_05630W_A	2.27	DBP8
C1_05820C_A	2.26	RAD10
C2_06360C_A	2.26	MAK16
C3_02950C_A	2.26	MET13
CR_03280W_A	2.26	IFR2
C2_00820W_A	2.25	MSS1
C2_02190C_A	2.25	
C2_09170W_A	2.25	SLP2
C2_09260C_A	2.25	GLO2
C3_06830C_A	2.25	YLR419W
C5_03030W_A	2.25	
CR_08690C_A	2.25	ECI1
C5_00550C_A	2.24	
C5_01420W_A	2.24	SNA2
C5_02010C_A	2.24	BUD27
C5_03410C_A	2.24	MRPL20
CR_02810W_A	2.24	CIRT4B
CR_07950W_A	2.24	IMP4
C2_02710C_A	2.23	RRP7
C5_01140C_A	2.23	MSC6
CR_03370C_A	2.23	KTI12
CR_05750W_A	2.23	
C1_04320W_A	2.22	GPM2
CR_05020W_A	2.22	LYP1
C1_04340C_A	2.21	YMR010W

C2_03130W_A	2.21	SFM1
C3_01790C_A	2.21	
C3_07290W_A	2.21	OCA5
C4_01830C_A	2.21	
CR_09310W_A	2.21	RKM1
C1_11220C_A	2.2 TIM50	TIM50
C1_03150C_A	2.19	
C1_13940W_A	2.19 SIM1	UTH1
C2_07520C_A	2.19	NAM8
C2_10640C_A	2.19 MTR2	MTR2
C4_06780C_A	2.19 OYE32	
C5_01910W_A	2.19 GIS2	GIS2
CR_00570W_A	2.18	COQ1
CR_07640C_A	2.18	VFA1
C1_00230C_A	2.17 BFA1	BFA1
C7_00950W_A	2.17 YML6	YML6
C2_06070W_A	2.16 FAA2-1	
CR_03760W_A	2.16	NNT1
CR_04170W_A	2.16	NOP2
CR_10400W_A	2.16	ARD1
C1_05030C_A	2.15 PSF2	PSF2
C1_08430W_A	2.15 CAF16	CAF16
C2_01580W_A	2.15 REX2	REX2
C3_01000W_A	2.15 BMS1	BMS1
C3_06230W_A	2.15 CYM1	CYM1
CR_03650W_A	2.15 SGD1	SGD1
C1_09720W_A	2.14 URA1	URA1
C2_02540W_A	2.14	RRP5
C2_07920W_A	2.14	RRT2
C3_02320W_A	2.14 ILV2	ILV2
C5_01520C_A	2.14 GLR1	GLR1
C1_02890C_A	2.13	
C1_08810C_A	2.12 MSS116	MSS116
C2_03560C_A	2.12	MRPL35
C2_08480W_A	2.12 RRP8	RRP8
C3_02130W_A	2.12 UTP4	UTP4
C6_02430W_A	2.12	ITC1
C7_03030W_A	2.12	
CR_09800C_A	2.12	UTP14
C3_03820C_A	2.11	PNT1
C5_05340W_A	2.11	SQT1
C1_01480C_A	2.1 RPS21	RPS2
C1_02840W_A	2.1 PDE2	PDE2
C1_08260C_A	2.1 LTP1	LTP1
C2_04820W_A	2.1	MRM1
C3_07100C_A	2.1	NGR1
C5_04580C_A	2.1	VPS25

C7_01970C_A	2.1 TOM40	TOM40
CR_02260C_A	2.1	
CR_08570W_A	2.1 SKI2	SKI2
C1_10950C_A	2.09	RIO1
C2_04160W_A	2.09	YGR021W
C3_00420W_A	2.09	TRZ1
C5_05440C_A	2.09	
CR_03200C_A	2.09	POP1
C1_00530C_A	2.08	
C1_03430W_A	2.08	TGL2
C1_03900W_A	2.08 SEN15	SEN15
C1_06760C_A	2.08	IPI3
C1_13260W_A	2.08	FPR2
C2_06750C_A	2.08	
C7_03130C_A	2.08 DFR1	DFR1
CR_04880W_A	2.08	GLY1
CR_08410W_A	2.08	REH1
C1_00560W_A	2.07 CNS1	CNS1
C1_05990C_A	2.07	YDL144C
C1_07210C_A	2.07	
C2_05160C_A	2.07	PUF6
C2_10270W_A	2.07 PUS7	PUS7
C3_06730W_A	2.07	
CR_00680W_A	2.07 BUD22	BUD22
C1_05840W_A	2.06 PRN1	
C1_12890W_A	2.06	
C4_02870C_A	2.06 ZUO1	ZUO1
C4_06680C_A	2.06	SMY2
C6_02970C_A	2.06	PEX25
CR_08500W_A	2.06	SYO1
CR_08840C_A	2.06 NIT2	NIT2
C1_13820C_A	2.05	
C2_05340C_A	2.05 RPC40	RPC40
C3_07660W_A	2.05	RAD4
C6_02410W_A	2.05	NPY1
C7_04210C_A	2.05	
C1_05050C_A	2.04 RRP6	RRP6
C2_02490C_A	2.04	YPK9
C2_03700W_A	2.04	NTA1
C2_03830W_A	2.04	DPH6
C3_07040C_A	2.04 YSA1	YSA1
C4_06850C_A	2.04	MAP1
C7_01200C_A	2.04 DBP7	DBP7
C7_03630C_A	2.04 TIM9	TIM9
C1_06780W_A	2.03 NPR1	NPR1
C2_09510C_A	2.03	SAL1
C3_06350W_A	2.03	MED6

C4_00690C_A	2.03	DPH2
C5_00030W_A	2.03	MRPL1
C2_05060C_A	2.02	SRX1
C2_09280C_A	2.02	
C3_05930W_A	2.02 CTA4	OAF1
C5_00800C_A	2.02	BNA2
C5_02690W_A	2.02	
C5_04360C_A	2.02	SDT1
C1_00590W_A	2.01 TUF1	TUF1
C1_01110C_A	2.01 ZPR1	ZPR1
C3_04560W_A	2.01 MAK21	MAK21
C3_05120C_A	2.01	PAC10
CR_01950W_A	2.01	RPA43
CR_04240C_A	2.01	KRE33
CR_06000W_A	2.01 SOK1	SOK1
CR_08330W_A	2.01	OPI10
CR_08600C_A	2.01 PEX19	PEX19
C1_13330C_A	2	SPE4
CR_08860W_A	2 PDK2	PKP1

S20 Vs B20 Downregulated genes

Gene ID	Fold change	Standard gene name	Name of <i>S. cerevisiae</i> ortholog(s)
C4_03570W_A	-1,265.60	HWP1	
C1_06280C_A	-677.49	UME6	
C6_02100W_A	-428.43		
C4_04080C_A	-91.97	PGA31	
C2_02390W_A	-59.95		
C6_03850C_A	-42.14	IHD1	YFL067W
C5_04250W_A	-38.85	MRV8	
C4_03520C_A	-27.61	RBT1	
C5_04370C_A	-25.29	PGA37	
CR_05430W_A	-21.8	CSP1	
C2_03220C_A	-19.91	STP4	STP3
C4_02900C_A	-19.31	CRH11	CRH1
C5_04190W_A	-18.41	MRV2	YDL218W
C4_04050C_A	-16.04	RHD3	
CR_09180W_A	-13.76	CDG1	
C6_02210W_A	-11.91		
C1_02110C_A	-11.24	HGT2	
C6_04420W_A	-10.94		
C5_03430W_A	-9.95		
CR_03890W_A	-9.84	WOR3	
C2_03120W_A	-8.85	AMO1	
CR_08990C_A	-8.85		
CR_09090C_A	-8.75		
CR_07790C_A	-8.03	YHB1	YHB1
C5_01250W_A	-7.84	GPR1	GPR1

C3_01640C_A	-7.79	
CR_02900W_A	-7.65	
C3_04070C_A	-7.6	CDR11
CR_09680C_A	-7.6	RTA4
C2_04010C_A	-7.44	HSP21
CR_05170C_A	-6.37	FDH1
C1_06000W_A	-6.21	
CR_10330W_A	-6.07	PGA11
CR_02070C_A	-6.02	ADH5
C3_01440C_A	-5.84	
C3_02650W_A	-5.84	
C5_03730W_A	-5.83	
C4_04850C_A	-5.79	CSR1
CR_01910C_A	-5.78	ZAP1
C2_09220W_A	-5.71	BIO4
C4_06970C_A	-5.69	DDR48
C3_03990C_A	-5.54	DDR48
C1_06160W_A	-5.47	
CR_09020C_A	-5.34	CHS2
C1_13100W_A	-5.1	CHS1
C6_00160W_A	-5.01	PGA48
C6_02330W_A	-4.86	
C4_04790W_A	-4.83	FAV1
C1_04010C_A	-4.67	FUS2
C1_11270W_A	-4.62	
C3_01360C_A	-4.55	IRO1
C1_03970W_A	-4.49	
C1_00270W_A	-4.46	
C4_05830W_A	-4.46	
C1_07160C_A	-4.45	
C2_04430W_A	-4.38	
C1_07980C_A	-4.37	SAE3
C4_04860W_A	-4.26	
C1_10060C_A	-4.2	
CR_09100C_A	-4.16	YPR127W
CR_10340W_A	-4.01	PTP3
C1_02130C_A	-3.97	GAL1
C3_02280C_A	-3.97	GFA1
C3_00140W_A	-3.92	
C3_05750C_A	-3.85	
CR_05340C_A	-3.84	IFE2
C1_04500W_A	-3.83	ICL1
C2_10210C_A	-3.77	RAS1
C3_06000W_A	-3.73	AHR1
C3_03020W_A	-3.68	
C3_07830W_A	-3.67	FBP1
C7_00350C_A	-3.66	

C4_00450C_A	-3.64	PGA10	
C3_02790W_A	-3.62		
C4_02020W_A	-3.62	CAT2	CAT2
C5_04980W_A	-3.62		
C1_14180W_A	-3.6		
C4_02360W_A	-3.58	AMS1	AMS1
C7_03420C_A	-3.57	SNG3	
C4_01260W_A	-3.49	RLM1	RLM1
C1_10180C_A	-3.47	ECM21	ECM21
C1_05440C_A	-3.34		
C1_00290W_A	-3.33	POL93	
C1_10290W_A	-3.33	GCA1	
C2_07900W_A	-3.33	GDH2	GDH2
C5_04560C_A	-3.23	CUP1	
CR_04960C_A	-3.17	CRG1	
C1_01210W_A	-3.15		
C1_09690W_A	-3.15	MLS1	MLS1
C1_12850W_A	-3.13	BLP1	
C1_02150W_A	-3.12	GAL10	GAL10
C1_11850W_A	-3.09		
C3_05710W_A	-3.03	RCT1	YNL208W
CR_02740W_A	-3.03	INN1	INN1
C3_06470W_A	-3.02	AAF1	
C4_04380C_A	-3.01		
C3_04530C_A	-2.98	TEC1	TEC1
C2_04050C_A	-2.97	DCK1	DCK1
C3_02290W_A	-2.94		MRX10
C1_05160C_A	-2.93		YKR070W
C1_10300W_A	-2.92	MNN12	MNT2
C1_00190C_A	-2.9		
C2_05130W_A	-2.82		YML131W
C1_05140W_A	-2.81	BRG1	
C2_08330W_A	-2.77		
C3_04640W_A	-2.76	ZCF31	
CR_03260W_A	-2.74		YGR127W
C2_04440W_A	-2.73		
C2_04450W_A	-2.73		
CR_02360W_A	-2.72	IDP2	IDP2
C1_12140W_A	-2.71		
C4_01860C_A	-2.7		
C1_03320C_A	-2.69	EHD3	EHD3
C4_06150C_A	-2.68		HOP2
C3_07640C_A	-2.65	FUM12	
C5_04470C_A	-2.64		
CR_00090C_A	-2.61		YMR090W
C2_09810C_A	-2.6		
C4_00860C_A	-2.59		PIN2

C5_03050C_A	-2.59	PGA58	
CR_04480C_A	-2.58	LAP3	LAP3
C3_02810C_A	-2.56	FAA21	FAA2
CR_04730W_A	-2.54		YJR085C
C3_04630W_A	-2.53		
CR_00780C_A	-2.52	GSY1	GSY1
CR_09690C_A	-2.51	PLB3	PLB1
C6_01900C_A	-2.47	DOG1	DOG2
C3_05550C_A	-2.46		
C5_04830W_A	-2.45	SFL2	MGA1
CR_08690C_A	-2.45	ECI1	ECI1
C4_03430W_A	-2.44	MOH1	MOH1
C1_03720C_A	-2.43		
C5_03240W_A	-2.43	BUB3	BUB3
C1_11730W_A	-2.38		
C3_04910C_A	-2.37	NCE102	NCE102
C5_04510W_A	-2.37	GDE1	GDE1
C2_07730W_A	-2.35	YVC1	YVC1
C3_00880W_A	-2.35	KGD1	KGD1
CR_02020C_A	-2.34	OPT1	OPT1
C4_06510C_A	-2.31	CSO99	
CR_07140C_A	-2.31		
C2_06470W_A	-2.29	RTA2	RSB1
C7_03480W_A	-2.29		YEL1
CR_06270W_A	-2.29		
C5_02800C_A	-2.28		
C1_01760W_A	-2.26	FGR38	
C1_04100C_A	-2.25	POR1	POR1
C1_08350C_A	-2.25		
C2_07750W_A	-2.25	RHO2	RHO2
C4_02370C_A	-2.25	PGA59	
C4_02390W_A	-2.25	PGA62	
C2_09650W_A	-2.24		SGN1
C3_02890C_A	-2.24		
C1_01710W_A	-2.23		
C6_00790C_A	-2.23	CTR1	CTR1
C4_00150C_A	-2.22	PEX5	PEX5
CR_07290W_A	-2.22	FRE7	
C2_03210W_A	-2.19		
C6_03700W_A	-2.19	ALS1	
CR_03730C_A	-2.15		
CR_05730C_A	-2.15		MDM36
C1_03270W_A	-2.13		YMR114C
C1_11950W_A	-2.13		
C1_14440C_A	-2.13	GDI1	GDI1
C6_00840W_A	-2.12	GPX2	
C7_02040C_A	-2.11	CUP9	TOS8

C3_02710W_A	-2.1		
C6_00810C_A	-2.1		
CR_03780C_A	-2.1		
C5_03150W_A	-2.08		PRR1
C1_08030W_A	-2.06	PFY1	PFY1
C1_09650W_A	-2.05		
C1_14420W_A	-2.05	DDI1	DDI1
C4_04530C_A	-2.05	PHR1	
C7_01860W_A	-2.05		
CR_05670C_A	-2.05	HMO1	HMO1
CR_07280W_A	-2.05	FRE30	
C4_05110C_A	-2.04	HAP41	
C3_04920C_A	-2.03		NAS6
C2_09030W_A	-2.02		
C4_03590C_A	-2.02	OSH3	OSH3
C5_02520W_A	-2.01		

S45 vs B45 Downregulated genes

Gene I D Fold change Standard gene nan Name of *S. cerevisiae* ortholog(s)

C4_03570W_A	-2361.30	HWP1	
C4_03470C_A	-1800.63	ECE1	
C6_03030W_A	-511.46	SAP5	
CR_06670W_A	-424.18	CFL11	TUB2
C6_02710C_A	-418.36	SAP6	CLN2
C1_06280C_A	-264.33	UME6	
C4_04070C_A	-113.74	PGA30	
CR_07070C_A	-105.50	ALS3	
C1_05920W_A	-73.11		
C6_03850C_A	-63.83	IHD1	DUT1
C4_03520C_A	-57.10	RBT1	
C2_00680C_A	-51.19	SOD5	GAL1
C1_13450W_A	-38.73	HYR1	GAL10
C3_00920W_A	-35.11	ATO1	EXG2
C5_04930C_A	-31.35	MAL31	
CR_02490W_A	-28.32	OPT4	ECM33
CR_03890W_A	-25.94	WOR3	CDC12
C6_00840W_A	-21.12	GPX2	
C5_03750W_A	-20.73	FAV2	
C2_08430C_A	-20.69	PGA46	
C5_03430W_A	-19.39		
C4_04380C_A	-19.21		CHL4
C6_02330W_A	-17.36		
C4_02030W_A	-15.85	RFX2	
C2_02390W_A	-15.71		LAS21
C2_07720C_A	-13.35		YOR238W
C4_03500C_A	-13.32		
C7_00280W_A	-12.69	HGT12	POL32

C3_05990C_A	-10.58	
C5_03930C_A	-10.49	
C1_00780C_A	-10.23	HGC1
C7_02500C_A	-10.22	DPP3
C3_06400C_A	-9.77	
C2_09530W_A	-9.27	EAP1
C4_04170C_A	-9.14	AXL2
C4_03690C_A	-9.10	CTF4
C7_03150W_A	-8.76	RHO5
C3_01470W_A	-8.74	ARF3
C3_01360C_A	-8.58	IRO1
C4_01220C_A	-7.98	ALG9
C2_07730W_A	-7.79	YVC1
C1_06250W_A	-7.71	DOC1
C1_06630W_A	-7.64	DPM1
C2_04050C_A	-7.62	DCK1
C5_02460C_A	-7.56	ECM331
C4_03070W_A	-7.49	PGA54
CR_10790W_A	-7.35	MAL2
C1_02630C_A	-7.12	EXG2
C1_13100W_A	-7.06	
CR_06510W_A	-7.06	CLA4
C1_06140C_A	-6.91	MNT2
C4_01240C_A	-6.89	
C4_06490C_A	-6.87	PRI2
C6_01960W_A	-6.79	ERP5
C1_12550C_A	-6.62	CDC54
C7_01500W_A	-6.58	GIN4
C7_01380W_A	-6.56	
CR_06500C_A	-6.55	SMY1
C3_06670C_A	-6.50	
C6_04420W_A	-6.44	MCD4
C1_10210C_A	-6.32	CLA4
C2_04440W_A	-6.16	RAX2
CR_07790C_A	-6.12	YHB1
C2_06250C_A	-6.11	CDC46
CR_01530C_A	-6.08	
C2_02850W_A	-6.04	UGA6
C7_03480W_A	-6.01	
C1_06340W_A	-5.90	
C4_01250W_A	-5.83	NAT4
C1_07370C_A	-5.80	CPH1
C2_01330C_A	-5.76	SIR2
C1_01980W_A	-5.74	HGT1
C5_01460W_A	-5.66	YBL053
C7_00770W_A	-5.61	
CR_01910C_A	-5.57	

C4_04790W_A	-5.55 FAV1	MYO2
C2_01250W_A	-5.48	LCB2
CR_03680C_A	-5.43 SMC1	IRR1
C2_03160C_A	-5.34 RNR1	RFA1
C2_01400C_A	-5.22 ESC4	SAS2
C2_07350W_A	-5.19 MCM3	
C2_01980C_A	-5.15 SRD1	
C3_06000W_A	-5.14 AHR1	
C2_03010C_A	-5.09 RNR21	
C1_13170C_A	-5.04 MSH6	
C3_04300C_A	-5.04 POL1	PTM1
C4_01770W_A	-5.00 POL30	RTT107
C2_06260W_A	-4.93	MPO1
C4_02600C_A	-4.92	MSB2
C2_10210C_A	-4.87 RAS1	YOL019W
C4_05250W_A	-4.87	FAB1
C5_00740W_A	-4.87 CTF8	
C2_04450W_A	-4.81	
C5_04250W_A	-4.80 MRV8	
C2_07180W_A	-4.76	
C1_08230C_A	-4.74 PLB5	SUR2
C5_02800C_A	-4.72	RNR2
C3_06880W_A	-4.71	RNR1
CR_00300W_A	-4.69 CDA2	
C1_12200W_A	-4.66 MCD4	
CR_02140W_A	-4.65 RSR1	DCK1
C3_05350C_A	-4.63 SMI1B	YPR011C
C2_07660W_A	-4.61 PDS5	
C3_02880W_A	-4.61	
C1_07160C_A	-4.58	
C2_00440W_A	-4.58 SAS2	HIS3
C4_05900C_A	-4.56	ITR2
C1_01330C_A	-4.55 DUT1	
C1_04590W_A	-4.55	RHO3
C4_00720W_A	-4.53 CSP2	CDC21
C6_00820W_A	-4.49 SUN41	ERP3
CR_01060W_A	-4.46 LAG1	MCM5
C6_03100W_A	-4.40 SHE3	YLR281C
C6_02210W_A	-4.35	PIL1
C3_01550C_A	-4.32 TOS1	LTE1
C3_02330C_A	-4.29	
C3_00170C_A	-4.27	RFA2
C5_04830W_A	-4.19 SFL2	
C7_01550W_A	-4.14 BEM2	MCM3
C6_00830C_A	-4.11 CAN3	
C1_00580W_A	-4.07	PDS5
C2_05190W_A	-4.06 CDC21	

CR_02360W_A	-4.06	IDP2	YVC1
CR_00920W_A	-4.04	CCE1	RHO2
C5_05350W_A	-3.95		
C2_06870C_A	-3.93	PST1	AIF1
C4_01320C_A	-3.92	OPT6	
CR_09070C_A	-3.89		DPB11
CR_09530C_A	-3.88		
C6_02990W_A	-3.86		
C3_04610W_A	-3.82	MEA1	
C5_02780W_A	-3.81		
CR_09050C_A	-3.81		
C1_06270W_A	-3.78		SGN1
C1_07030C_A	-3.76	RBT4	
CR_01920W_A	-3.73		RAS1
C3_04740C_A	-3.71		
C2_07750W_A	-3.68	RHO2	SGS1
C3_04530C_A	-3.62	TEC1	
CR_04650W_A	-3.57		RDH54
CR_09440C_A	-3.55		VTC1
C7_01100C_A	-3.53		
C2_09490W_A	-3.50	PHO13	
C6_01940W_A	-3.45		
C4_01860C_A	-3.44		
CR_07810W_A	-3.44	YHB5	TAO3
C2_04970W_A	-3.43	ABP2	TOS1
C6_00180C_A	-3.43		DIG2
CR_04680C_A	-3.43		ERG6
C7_03080W_A	-3.40	LMO1	
C6_00440C_A	-3.39	FET34	
C1_14230C_A	-3.37	IRR1	
C7_03440W_A	-3.37	SNG4	
C4_04250W_A	-3.35		ALT1
C6_03670C_A	-3.34		
C4_01260W_A	-3.33	RLM1	
C4_04590W_A	-3.29	SCS7	
C6_03310W_A	-3.29		POL1
C1_00710C_A	-3.28	TUB2	VAM3
C6_02090C_A	-3.28		TEC1
C3_00650W_A	-3.24	NGT1	AFI1
C5_01250W_A	-3.23	GPR1	TOP3
C7_01580W_A	-3.23	SMC6	RDI1
CR_02910W_A	-3.19		
CR_04660C_A	-3.16	UGP1	
C1_00850W_A	-3.14	IHD2	
C1_10940C_A	-3.14	ERP5	ERV25
C2_01780W_A	-3.14	MSB2	UNG1
C6_03990C_A	-3.07		OST6

C2_10840W_A	-3.06 RDH54	BNI5
C6_00400C_A	-3.05	
C2_10420W_A	-3.04 FGR6-4	
C1_08140W_A	-3.02	SEC61
C4_07120C_A	-3.02 MSH2	
C2_04810W_A	-3.01 HIS3	SPC2
C4_02900C_A	-3.01 CRH11	
C4_03990C_A	-3.01	
C4_05530W_A	-3.01 FGR6-10	
CR_09600C_A	-3.01 YKE2	
C2_07120W_A	-3.00 RFA2	NAT4
CR_00390W_A	-2.98	RLM1
CR_05690W_A	-2.97 MCT1	
C1_10630C_A	-2.96	
CR_01150C_A	-2.96 CTF18	POL30
CR_02100C_A	-2.96	
CR_09810W_A	-2.92	
C4_01420W_A	-2.91	
C5_03580C_A	-2.91 CAC2	PHO89
C1_09080C_A	-2.88 PGA6	
C2_02570W_A	-2.88	ERV29
C5_03900W_A	-2.88 PGA56	
C7_02540W_A	-2.88	RLF2
CR_09560C_A	-2.86	CRH1
CR_07220C_A	-2.84	
CR_09120C_A	-2.84 TUB1	
C2_10830W_A	-2.83	HTD2
C1_10300W_A	-2.79 MNN12	
C4_02930W_A	-2.79	
C1_07850C_A	-2.78	
C1_02130C_A	-2.77 GAL1	
C1_01210W_A	-2.76	
C1_04570C_A	-2.76 CHL4	
CR_10700W_A	-2.76 RFC4	
C2_05290C_A	-2.75	
C3_03490W_A	-2.75 RSN1	AXL2
C5_00630C_A	-2.75 EXO1	YMR155W
CR_02070C_A	-2.75 ADH5	
C7_02750W_A	-2.71 FGR6-1	MRP8
C1_00830W_A	-2.70	
C2_03790C_A	-2.70 ASR3	SCS7
C4_01230C_A	-2.69	FUS2
C5_01590W_A	-2.68	
C1_05070C_A	-2.66 GPI7	
CR_06270W_A	-2.66	TRS130
C1_07250C_A	-2.65 ALG9	
C4_07080C_A	-2.65	

C7_04320W_A	-2.65	
C2_06860W_A	-2.63	LTE1
C3_02150C_A	-2.63	ERG6 PRI2
C7_04120W_A	-2.63	MSC2
C5_00070W_A	-2.62	CDC11
CR_09180W_A	-2.62	CDG1 MSH2
C1_13780W_A	-2.60	MYO2 CDC1
C3_02890C_A	-2.59	SAS4
C1_12700W_A	-2.58	APC4
C3_01800C_A	-2.58	CDC11
C1_11140W_A	-2.56	EXO1
C3_06410C_A	-2.55	CTF8
C1_05850W_A	-2.54	POL32
C1_12110C_A	-2.54	GPR1
C3_02910W_A	-2.54	TOF1
CR_05730C_A	-2.54	ULA1
C1_03210C_A	-2.52	CDC12
C1_06730W_A	-2.51	RAC1 ACH1
C1_11400C_A	-2.51	GIN4
C2_08740W_A	-2.51	SPT21
C4_01940W_A	-2.51	PHO89
C5_00060C_A	-2.51	YNK1
C5_03950W_A	-2.50	SUT1
CR_02350C_A	-2.50	GEF2
CR_04570C_A	-2.50	CDC10 MLC2
C2_08450W_A	-2.49	
C3_01530C_A	-2.49	CAS4 CAC2
C6_01880W_A	-2.49	
C1_12790C_A	-2.48	FEN1
C2_10570W_A	-2.48	SGS1 SIA1
C3_04070C_A	-2.48	CDR11
C2_04180C_A	-2.47	RFC3
C4_04430W_A	-2.47	MRP8
C4_04530C_A	-2.46	PHR1 MGA1
C1_13190W_A	-2.45	MAL31
C2_00690W_A	-2.45	
C2_04720C_A	-2.45	FGR51 PRI1
C6_02130C_A	-2.45	CTF5 GAS5
C1_04490W_A	-2.44	
C4_01850C_A	-2.44	PDC12
CR_09210W_A	-2.44	SUC1
C1_00290W_A	-2.43	POL93
C2_02860W_A	-2.43	SUR2 FET3
C1_13020C_A	-2.42	SPC3 MMS4
C2_00380C_A	-2.42	RFA1 SUN4
CR_10530W_A	-2.42	
C4_07200C_A	-2.41	

C5_05210W_A	-2.41	SCJ1
C6_03160C_A	-2.41 BMT6	
CR_09270C_A	-2.41 CBP1	DOG2
C2_08100W_A	-2.40	
C5_05390C_A	-2.40 PGA4	
C7_03160W_A	-2.40	
CR_10570C_A	-2.40 YHB4	PXL1
C1_05950C_A	-2.39	MCM21
C5_03260C_A	-2.39	
C6_00770C_A	-2.39	
C7_03800W_A	-2.38	
C1_03190C_A	-2.37 ECM33	CRT10
C1_03720C_A	-2.37	
C2_09650W_A	-2.37	
C1_02870W_A	-2.34 YPT7	SHE3
C1_12880C_A	-2.34	
CR_07590W_A	-2.34 EMP24	
C1_04620W_A	-2.33	
C5_02890W_A	-2.33 YNK1	YFL067W
C7_00820W_A	-2.32 RFC2	
C1_12010C_A	-2.31 KIP4	
C3_06250W_A	-2.30 ERV25	
C3_07810C_A	-2.30 SEC61	
C4_03200C_A	-2.30	
C1_12870C_A	-2.29	
C6_02790C_A	-2.29	
C1_05740C_A	-2.28	RFC2
C2_03480C_A	-2.28	
C3_04190W_A	-2.28	
C5_03130W_A	-2.28 SUT1	
C4_03860C_A	-2.27	
C1_12220W_A	-2.26 CDC6	BEM2
C4_07210W_A	-2.25	SMC6
C1_04060W_A	-2.24 IFI3	TOM7
C4_06080W_A	-2.24	DPP1
CR_02790C_A	-2.24 ALG5	
C4_02370C_A	-2.23 PGA59	
C5_02000C_A	-2.23 ACH1	LMO1
C5_04000W_A	-2.23 RCF3	
C6_02000W_A	-2.23 PLB2	
C7_00100W_A	-2.23 FRP2	
CR_00180C_A	-2.23 CHT1	YEL1
CR_06740W_A	-2.23	YNL217W
C3_04320W_A	-2.22 VAM3	RER1
CR_02860W_A	-2.22 RHO1	
C4_02120W_A	-2.21 ERV29	
C7_01890C_A	-2.21 TOM7	

CR_08460W_A	-2.21	TPM2	PCK1
CR_09570W_A	-2.21		CDA2
C1_12530C_A	-2.20		
C1_13900C_A	-2.20	LCB2	GSY1
C2_06730W_A	-2.20	LSP1	
C4_06340W_A	-2.20	AGO1	CCE1
C7_01510W_A	-2.20		
C7_03500W_A	-2.20		LAG1
C2_05030C_A	-2.19	RHO3	CTF18
C2_07770C_A	-2.19		
C3_06610W_A	-2.19		MDM1
CR_00200W_A	-2.19	PCK1	BIO4
CR_00910W_A	-2.19		BIO3
C1_08350C_A	-2.18		
CR_00780C_A	-2.18	GSY1	
C2_01340W_A	-2.17		RSR1
C2_08340C_A	-2.17		RAD51
C2_08380C_A	-2.17		
C5_05480W_A	-2.17	DES1	IDP2
C6_01900C_A	-2.17	DOG1	
C1_08990C_A	-2.16	KEX2	ALG5
C1_13510C_A	-2.16	TGL99	RHO1
CR_05340C_A	-2.16	IFE2	ATG13
C1_12510W_A	-2.15	RAX2	SMC1
C2_00640W_A	-2.15		
C7_00360W_A	-2.15	DFI1	CDC10
CR_00930W_A	-2.15	ATO10	RBL2
CR_10610C_A	-2.15		UGP1
C2_01660C_A	-2.14		
C5_01790C_A	-2.14		
C5_03370C_A	-2.14		MCT1
C6_00270W_A	-2.14		MDM36
C1_00360W_A	-2.13	CDC13	CDC28
C1_03950C_A	-2.13		
C1_00790W_A	-2.12		
C3_03480C_A	-2.12	ALT1	
C4_06770W_A	-2.12		
C4_00620C_A	-2.11	SPC2	SPC97
C4_01920W_A	-2.11		
C2_01990C_A	-2.10	FAB1	NDL1
C4_05790W_A	-2.10		EMP24
C4_00120W_A	-2.09	PGA7	YHB1
CR_02200C_A	-2.09	RAD51	
C1_02150W_A	-2.07	GAL10	TPM1
C1_08010W_A	-2.07	DPM1	
C2_04940C_A	-2.07	ITR1	
C4_06050W_A	-2.07	MED3	TUB1

CR_06050W_A	-2.06	CDC28	
C1_13660W_A	-2.05	RAD54	MAL13
C3_05000W_A	-2.05	RDI1	
C6_04410C_A	-2.05		
C1_05100W_A	-2.04		
C1_11940C_A	-2.04		
CR_01720W_A	-2.04		YOR292C
C2_07650C_A	-2.03		YKE2
C2_09910C_A	-2.03		
C6_01460C_A	-2.03		
C1_09130W_A	-2.02		
C2_02660W_A	-2.02		
C1_10510W_A	-2.01		APC11
CR_10000C_A	-2.01		RFC4
C5_00890C_A	-2.00	GIT2	IMA1

S120 vs B120 Downregulated genes

Gene I D	Fold change	Standard gene name (locus name)
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C4_03470C_A	-1,732.65	ECE1
C4_03570W_A	-528.71	HWP1
C6_03030W_A	-425.61	SAP5
C6_02710C_A	-222.69	SAP6
C1_07040C_A	-153.08	
C6_03850C_A	-145.49	IHD1
CR_07070C_A	-96.27	ALS3
C1_06280C_A	-75.17	UME6
C2_00680C_A	-52.42	SOD5
C5_04930C_A	-48.54	MAL31
C6_03090W_A	-45.97	
C2_08890W_A	-37.55	
C1_05920W_A	-34.62	
C6_02330W_A	-31.74	
C3_06660C_A	-31.35	
C4_02030W_A	-26.78	RFX2
C4_04080C_A	-24.43	PGA31
C3_00920W_A	-23.01	ATO1
C1_13450W_A	-22.14	HYR1
CR_08510W_A	-20.14	PGA13
C6_00840W_A	-18.61	GPX2
C5_03750W_A	-18.53	FAV2
C4_04070C_A	-15.85	PGA30
C4_03460C_A	-14.54	
C7_00630C_A	-14.29	
C5_03930C_A	-14.11	
C2_00670C_A	-13.51	
C1_00680W_A	-13.5	ASM3
C5_02460C_A	-13.31	ECM331

C1_06140C_A	-13.13
C3_03460C_A	-12.7
C1_13100W_A	-12.61
C2_07720C_A	-12.59
C3_07470W_A	-12.29
C3_02330C_A	-11.91
C4_00720W_A	-11.8 CSP2
C4_04380C_A	-11.42
C2_02390W_A	-10.94
CR_03890W_A	-10.63 WOR3
CR_08730W_A	-10.48 tE(UUC)7
C4_03520C_A	-10.31 RBT1
C3_05990C_A	-10.01
C1_00780C_A	-10 HGC1
C1_10300W_A	-9.97 MNN12
C1_02730W_A	-9.87
C7_02500C_A	-9.43 DPP3
C1_02630C_A	-8.55 EXG2
C3_05750C_A	-8.49
CR_02210W_A	-8.46
C7_03110W_A	-8.45 PGA28
C6_04420W_A	-8.26
CR_06510W_A	-8.17
C5_04220W_A	-8.09 MRV5
CR_06500C_A	-7.97
C4_04170C_A	-7.88 AXL2
CR_10100C_A	-7.81 INO1
C6_02100W_A	-7.66
C5_00010W_A	-7.44 TLO11
C4_05560C_A	-7.37 ARO9
CR_04680C_A	-7.31
C7_03150W_A	-7.24
C7_03480W_A	-7.15
C2_09490W_A	-7.07 PHO13
C5_03430W_A	-7.01
CR_09440C_A	-6.85
C2_01330C_A	-6.72 SIR2
C2_00690W_A	-6.54
C7_00090C_A	-6.5 CSA1
C1_10210C_A	-6.43 CLA4
C3_01360C_A	-6.38 IRO1
C3_01020W_A	-6.22
C6_00440C_A	-6.2 FET34
CR_09530C_A	-6.2
C2_06680W_A	-6.14 FRP3
CR_02140W_A	-6.12 RSR1
C1_08230C_A	-6.03 PLB5

C1_12790C_A	-5.88 FEN1
C1_14130W_A	-5.79 FTR1
C4_05250W_A	-5.76
C4_01320C_A	-5.75 OPT6
C3_06130W_A	-5.71
C3_06000W_A	-5.68 AHR1
C1_12010C_A	-5.52 KIP4
C3_02280C_A	-5.48 GFA1
CR_07220C_A	-5.45
C7_00770W_A	-5.3
CR_01530C_A	-5.23
CR_06660W_A	-5.05 SEO1
C3_05330C_A	-4.97
C1_05950C_A	-4.96
C2_07180W_A	-4.92
CR_07680C_A	-4.91
C2_09530W_A	-4.88 EAP1
C6_01070C_A	-4.87 CIP1
C5_01260W_A	-4.85
C3_00650W_A	-4.83 NGT1
C6_02210W_A	-4.81
C1_07030C_A	-4.77 RBT4
C5_02600W_A	-4.64 PUT1
C1_07370C_A	-4.54 CPH1
C4_01220C_A	-4.54
C2_06860W_A	-4.53 LTE1
C1_01210W_A	-4.49
C5_01990W_A	-4.41
C7_01680C_A	-4.41
CR_02910W_A	-4.35
C4_01260W_A	-4.27 RLM1
C4_03070W_A	-4.25 PGA54
C5_01240W_A	-4.16 AUR1
C4_04790W_A	-4.13 FAV1
C3_01550C_A	-4.1 TOS1
CR_09070C_A	-4.07
C3_01470W_A	-4.06 ARF3
CR_04440C_A	-4.04 RBR1
C6_03100W_A	-4.03 SHE3
C2_04050C_A	-4.02 DCK1
C5_01590W_A	-3.99
C1_08900W_A	-3.98
CR_01060W_A	-3.98 LAG1
C2_08750W_A	-3.97
C1_00710C_A	-3.92 TUB2
C7_01500W_A	-3.87
C4_04860W_A	-3.86

C6_00830C_A	-3.83	CAN3
C5_01250W_A	-3.78	GPR1
C1_07220W_A	-3.76	
C5_03900W_A	-3.73	PGA56
C1_06270W_A	-3.67	
C5_01070C_A	-3.65	
C1_00850W_A	-3.6	IHD2
C6_03500C_A	-3.59	SAP4
C2_07750W_A	-3.57	RHO2
C6_00820W_A	-3.57	SUN41
CR_07240C_A	-3.57	CLG1
C1_10270C_A	-3.56	SFH5
C3_04070C_A	-3.54	CDR11
CR_06920W_A	-3.53	
CR_07810W_A	-3.52	YHB5
C4_04980W_A	-3.51	
CR_10340W_A	-3.5	PTP3
C4_06490C_A	-3.49	PRI2
C1_06340W_A	-3.45	
C7_00100W_A	-3.45	FRP2
C3_01730C_A	-3.43	UTR2
C6_02090C_A	-3.43	
CR_09120C_A	-3.43	TUB1
C6_01710C_A	-3.41	PTK2
C1_00400W_A	-3.4	SVF1
C2_04970W_A	-3.4	ABP2
C2_10210C_A	-3.4	RAS1
C5_03260C_A	-3.4	
C1_03190C_A	-3.38	ECM33
CR_09060W_A	-3.38	
C2_09810C_A	-3.36	
C1_09320C_A	-3.34	
C1_01980W_A	-3.33	HGT1
C3_06670C_A	-3.27	
C1_10580C_A	-3.24	
C7_00360W_A	-3.24	DFI1
C5_01220W_A	-3.23	
CR_09600C_A	-3.22	YKE2
C2_07730W_A	-3.2	YVC1
C2_08450W_A	-3.2	
C2_06930C_A	-3.19	
C3_02720W_A	-3.19	
C5_00620W_A	-3.18	
C1_09870W_A	-3.16	HCM1
C6_01530C_A	-3.16	
C4_04530C_A	-3.12	PHR1
CR_09270C_A	-3.12	CBP1

C2_00640W_A	-3.11
C3_04350C_A	-3.09
C3_04610W_A	-3.09 MEA1
C5_03020W_A	-3.09 CCC2
CR_03790C_A	-3.09 KRE1
C7_03500W_A	-3.08
CR_09570W_A	-3.08
C1_06250W_A	-3.07
CR_09880W_A	-3.06 DEF1
C1_12510W_A	-3.04 RAX2
C7_01550W_A	-3.04 BEM2
CR_02370W_A	-2.97 ERG25
C5_01440C_A	-2.96
C4_01240C_A	-2.94
C2_09480W_A	-2.93
C3_06400C_A	-2.92
C3_01800C_A	-2.9
C4_01420W_A	-2.89
C4_01860C_A	-2.87
CR_09560C_A	-2.87
C2_04430W_A	-2.86
C4_02320C_A	-2.86 SOD1
C5_00070W_A	-2.83 CDC11
C5_02530W_A	-2.83 UAP1
CR_00910W_A	-2.83
C2_05740W_A	-2.82 SPO7
CR_02860W_A	-2.81 RHO1
C1_13110C_A	-2.79 CHS3
C2_00790C_A	-2.79
C2_04450W_A	-2.78
C2_10310C_A	-2.78 KIP2
C2_01980C_A	-2.77 SRD1
CR_09580C_A	-2.77
CR_07790C_A	-2.76 YHB1
C3_02290W_A	-2.75
C4_02930W_A	-2.75
CR_00620C_A	-2.74 ARG1
C1_01780C_A	-2.73 HOL4
C3_05220W_A	-2.71 CDR1
C5_03950W_A	-2.71
C2_01890W_A	-2.7 CTF1
C5_02470W_A	-2.7 INT1
C5_03170C_A	-2.7
C6_03070C_A	-2.7
C2_01780W_A	-2.69 MSB2
C1_00830W_A	-2.68
C1_02470W_A	-2.68

C5_01100C_A	-2.68 CLN3
C1_00800C_A	-2.67 ERG2
C2_06740W_A	-2.65
C3_02820C_A	-2.65
CR_08460W_A	-2.65 TPM2
C7_03080W_A	-2.62 LMO1
CR_01280C_A	-2.61
C1_12200W_A	-2.6 MCD4
C7_01230C_A	-2.6
CR_09210W_A	-2.59 SUC1
C1_14180W_A	-2.58
C6_02160W_A	-2.58
CR_04830C_A	-2.58
C6_01960W_A	-2.57
CR_06790C_A	-2.57
C1_05980W_A	-2.56
C2_08100W_A	-2.56
C5_00890C_A	-2.56 GIT2
C4_01250W_A	-2.55 NAT4
C2_09420W_A	-2.54
C5_00230C_A	-2.54
CR_02350C_A	-2.54 GEF2
C4_00120W_A	-2.53 PGA7
C4_01380W_A	-2.53 ZCF27
C7_02540W_A	-2.53
C2_09740W_A	-2.52 SSO2
C4_04850C_A	-2.52 CSR1
CR_09520C_A	-2.51
C3_05600W_A	-2.5 ATO6
C6_00400C_A	-2.5
C1_06320W_A	-2.49
C1_07770W_A	-2.49 FGR6-3
C5_01500C_A	-2.49 ZCF20
C7_03440W_A	-2.49 SNG4
C1_09430W_A	-2.47
C3_02150C_A	-2.47 ERG6
C6_01620W_A	-2.47
C2_09700W_A	-2.46 YEA4
C5_02370C_A	-2.46
C6_03260W_A	-2.45
C7_01840W_A	-2.44 IQG1
C2_08340C_A	-2.43
CR_04630C_A	-2.43 DIT2
C1_04620W_A	-2.42
C4_04250W_A	-2.42
C4_05530W_A	-2.42 FGR6-10
C1_08620W_A	-2.41 CTR2

C7_03410C_A	-2.41
C2_05030C_A	-2.4 RHO3
C1_13780W_A	-2.39 MYO2
C5_03650C_A	-2.39
C2_09760W_A	-2.38
C4_05900C_A	-2.38
C1_10060C_A	-2.36
C2_06870C_A	-2.36 PST1
C1_11730W_A	-2.34
C2_07220W_A	-2.34
C5_01650C_A	-2.34 MYO1
C1_09120W_A	-2.33 IPT1
C1_11400C_A	-2.33 GIN4
C2_05260W_A	-2.33 BUD14
C7_03420C_A	-2.32 SNG3
CR_04660C_A	-2.32 UGP1
C2_03790C_A	-2.31 ASR3
C2_03320W_A	-2.3 CHK1
C2_09220W_A	-2.3 DDR48
C4_04760C_A	-2.3
C5_02780W_A	-2.3
CR_05690W_A	-2.3 MCT1
C2_08140C_A	-2.29 PHM7
C5_01680C_A	-2.29 CCN1
C6_03310W_A	-2.29
C1_11250W_A	-2.28
CR_04570C_A	-2.28 CDC10
C1_05960W_A	-2.27 PGA45
C3_01940C_A	-2.27
C4_00130W_A	-2.27 RBT5
C1_00350C_A	-2.26 HMX1
C1_03710C_A	-2.26 MSB1
C3_02930W_A	-2.26
CR_06740W_A	-2.26
C1_00580W_A	-2.25
C1_03210C_A	-2.25 CDC12
C4_05980C_A	-2.25
C4_06770W_A	-2.25
CR_09020C_A	-2.25 CHS2
C1_01260C_A	-2.24 TRS20
C2_04310W_A	-2.23 ERG10
C3_05650W_A	-2.23 YCK2
CR_04770C_A	-2.22
C3_05350C_A	-2.21 SMI1B
CR_09050C_A	-2.21
C1_13900C_A	-2.2 LCB2
C1_01620C_A	-2.19

C1_12220W_A	-2.19 CDC6
C4_01920W_A	-2.18
CR_06440C_A	-2.18 BCR1
C1_00840C_A	-2.17 NRM1
C3_07200C_A	-2.17 ZFU2
C1_13740W_A	-2.16 KAR9
C3_00760W_A	-2.16 ERG4
C3_04490W_A	-2.16 RAX1
C1_02870W_A	-2.14 YPT7
C2_01340W_A	-2.14
C3_01530C_A	-2.14 CAS4
C3_04320W_A	-2.14 VAM3
C4_00110C_A	-2.14 FRP1
C2_05580W_A	-2.13
C2_06730W_A	-2.13 LSP1
C1_04210C_A	-2.12 CDC3
C4_04430W_A	-2.12 MRP8
C4_04590W_A	-2.12 SCS7
CR_09690C_A	-2.12 PLB3
C3_05880C_A	-2.11
C5_04840C_A	-2.1
C6_02860W_A	-2.1 STE23
C6_02200C_A	-2.09
C1_12470W_A	-2.07
C4_01230C_A	-2.07
C5_04260W_A	-2.07
C7_00230W_A	-2.07
CR_02360W_A	-2.07 IDP2
C1_03080C_A	-2.06 TEM1
CR_03780C_A	-2.05
CR_10610C_A	-2.05
C2_03610W_A	-2.04 FMO2
C3_02270W_A	-2.04
C3_05000W_A	-2.04 RDI1
C4_05440C_A	-2.04
C6_02130C_A	-2.04 CTF5
C7_02770W_A	-2.04 CHS1
CR_05540C_A	-2.04
C3_06420C_A	-2.02
C7_00760C_A	-2.02
CR_02650C_A	-2.01 DRE2
C1_12740W_A	-2
C4_00620C_A	-2 SPC2
C4_05080C_A	-2
C6_03230W_A	-2 ARG3