

Table S4 Genes with eQTL in the 7 hotspots. Hotspot lod > 3.5

Hotspot	Gene				
Chr II 87.8 - 125.3 cM 263400 – 3759000 bp	YAL044W-A	SSZ1	YMR031C	PMP3	MNE1
	FLC2	SPS100	NRK1	HSP12	ISA2
	TDP1	CYR1	RPL42A	FMP37	PMT6
	HSP30	HXT8	COQ10	YGR079W	ECM12
	NTH1	SPC1	GSH2	CYS4	GCN3
	YDR053W	OSM1	DDR2	PTM1	EMP46
	TVP23	GPX1	MCT1	YKL165C-A	YMR010W
Chr IV 161 – 188.2 cM 483000 – 564600 bp	SFT2	STR2	YOR352W	YJL028W	SWR1
	DAD1	PNP1	SMA1	ISY1	RHO2
	YDR249C	YNL019C	ELP4	IZH2	FMP40
	YPL264C				
Chr XI 29.2 – 45.5 87600 – 136500 bp	YAR069C	TIM21	YLR104W	YFR016C	SEC4
	MRPL11	THI4	SIP3	FRS1	
	UME6	POT1	CSR2	ORC4	
Chr XII 147.7 – 171.6 cM 443100 – 514800 bp	CWH43	RPL43B	CTF18	SHE10	YPL034W
	MCH1	ASP3-1	SSO2	YOR1	GSM1
	YDL086W	ASP3-2	NGL2	IKI1	
	YEL008W	ASP3-3	HUB1	VPS63	
	IOC3	ASP3-4	MRPS12	YUH1	
Chr XIV 211.6 - 244 cM 634800 – 732000 bp	CDC15	HAM1	MTF1	VOA1	DDC1
	OLA1	MOG1	YMR262W	ENP2	JID1
	SAS10	YKL050C	DIA1	YGR251W	YIL055C
	DHH1	MTR2	ATG4	YRF1-3	RPS24B
	PCF11	SPA2	RRP40	LSM12	MDE1
	PNC1	YLR012C	YOR021C	YML131W	YJL225C
	NSA1	GAT3	RPL3	YMR086W	
	PEX14	RFX1	YOR289W	MRS1	
	PIL1	YLR243W	YPL107W	KAR2	
Chr XV 51.4 - 71.4 cM 154200 – 214200 bp	PGS1	CDC12	CHS5	SWC4	YOL047C
	ESF1	KRE27	RSC2	YGR265W	YOR050C
	MUS81	SNX4	ATG17	YHR003C	GCY1
	YDR532C	EXO70	OGG1	YLR257W	DSS4
	AFG1	NNF1	ALO1	MEC3	FRE1
	MST27	MLP1	ILV2	SFH1	VPS75
	HAP2				
Chr XVI 96 – 126 cM 288000 – 378000 bp	ATG12	MRP10	YEL076C	IDP3	
	YCP4	MCH1	ROK1	YEL008W	
	BUD23	CHL4	HIS5	YCR101C	

Genes which have a LOD score higher than 3.5 in the hotspot are displayed.