

**Supplementary Table 3.** Complete list of yeast genes (n = 647) identified after treatment with arsenite (As<sup>III</sup>), ranked by the number of hits in 6 treatments. Yeast pools were exposed to 3 different concentrations of arsenite for two generation-points for a total of 6 treatments. The yeast ORF / genes correspond to strains that exhibited a significant change in growth in at least one treatment with sodium arsenite ( $q < 0.05$ ). Numeric values are fitness scores ( $\log_2$  ratios) calculated only for significant genes in each individual treatment. Empty cells indicate that the gene was not significant in that particular treatment.

ORF	Gene	5 generations			15 generations			# of hits
		25% IC <sub>20</sub>	50% IC <sub>20</sub>	IC <sub>20</sub>	25% IC <sub>20</sub>	50% IC <sub>20</sub>	IC <sub>20</sub>	
		75μM	150μM	300μM	75μM	150μM	300μM	
YJL179W	PFD1	-2.60	-2.85	-4.05	-4.70	-5.65	-4.80	6
YDR181C	SAS4	-1.90	-3.05	-4.00	-4.00	-4.50	-4.90	6
YOR213C	SAS5	-2.10	-2.40	-5.10	-3.90	-4.80	-5.55	6
YMR127C	SAS2	-1.75	-2.70	-3.90	-2.35	-3.80	-4.55	6
YPL241C	CIN2	-1.55	-1.95	-2.85	-4.35	-4.75	-5.15	6
YPR199C	ARR1	-1.65	-2.65	-5.35	-4.55	-5.90	-6.20	6
YEL003W	GIM4	-2.00	-1.70	-2.30	-1.45	-2.10	-3.30	6
YML095C-A		-2.30	-2.20	-3.10		-3.10	-3.10	5
YLR200W	YKE2	-2.30	-2.45	-3.05		-1.80	-3.60	5
YPR201W	ARR3	-2.00	-3.00	-4.25	-4.45		-5.90	5
YFR036W	CDC26		-2.90	-4.50	-3.65	-4.35	-3.45	5
YMR275C	BUL1		-2.30	-4.25	-3.60	-5.20	-3.40	5
YOR265W	RBL2		-1.40	-2.40	-1.00	-2.25	-4.00	5
YML124C	TUB3		-1.05	-2.00	-1.85	-2.45	-1.70	5
YNL025C	SSN8		-1.15	-2.50	-1.30	-2.85	-4.80	5
YCR081W	SRB8		-1.30	-2.85	-1.50	-2.25	-2.60	5
YLR006C	SSK1		-1.10	-2.80	-1.00	-1.35	-3.85	5
YJL128C	PBS2		-0.90	-3.00	-0.70	-1.40	-5.50	5
YOL081W	IRA2		-1.00	-1.30	-1.30	-1.75	-2.95	5
YCR068W	ATG15		-1.00	-2.30	-1.30	-2.05	-3.35	5
YGR133W	PEX4		-0.80	-1.40	-0.80	-1.00	-1.90	5
YGR057C	LST7		-1.20	-2.50	-1.95	-2.80	-4.70	5
YCL010C	SGF29		-1.10	-2.05	-1.30	-1.95	-2.90	5
YML041C	VPS71		-1.30	-2.10	-1.90	-2.10	-3.20	5
YNL329C	PEX6		-0.80	-1.60	-1.00	-1.00	-2.20	5
YDL082W	RPL13A		0.70	1.30	1.30	1.70	2.20	5
YCR084C	TUP1	-1.95	-3.00	-3.05			-2.20	4
YLR085C	ARP6		-1.10	-2.40		-1.60	-2.60	4
YBL024W	NCL1		-1.15	-3.10		-2.00	-4.50	4
YHL009C	YAP3		-0.90	-1.70		-2.25	-3.15	4
YDL040C	NAT1		-0.90		-1.55	-2.80	-2.75	4
YDR359C	VID21		-0.90	-1.50		-1.60	-2.20	4
YLR113W	HOG1		-0.85	-2.85		-1.25	-4.15	4
YBL046W	PSY4		-0.90	-1.70		-2.05	-2.10	4
YHR129C	ARP1		-0.95	-2.40		-1.15	-3.05	4
YJL121C	RPE1			-3.05	-2.10	-2.60	-3.80	4
YKL176C	LST4			-2.40	-2.05	-2.85	-4.05	4
YAL011W	SWC3			-2.20	-1.50	-1.60	-5.00	4
YBR298C	MAL31		-1.00	-2.10		-1.80	-2.85	4
YBL022C	PIM1		-1.10	-1.95		-1.90	-2.55	4
YOL004W	SIN3		-0.70	-1.75		-1.40	-2.20	4
YCR086W	CSM1			-1.70	-1.50	-1.60	-2.70	4
YCR024C	SLM5		-0.70	-1.55		-1.00	-1.75	4
YIL067C				-1.40	-1.50	-2.80	-3.35	4

ORF	Gene	5 generations			15 generations			# of hits
		37.5μM	75μM	150μM	37.5μM	75μM	150μM	
YJR073C	OPI3			-1.30	-1.30	-1.30	-2.35	4
YER110C	KAP123			-1.20	-1.60	-2.00	-3.05	4
YCR087W			-0.70	-1.00		-1.10	-1.70	4
YDR149C			-0.80	-2.20		-1.25	-2.75	4
YPL213W	LEA1	1.10		1.60			1.95	3
YLL039C	UBI4		-1.15	-2.10			-1.35	3
YBR231C	SWC5		-0.80	-1.95			-2.30	3
YGL076C	RPL7A		0.90	1.75			1.70	3
YHR060W	VMA22		0.90		-1.90	-2.60		3
YCR045C				-1.75		-0.80	-2.05	3
YCR050C				-1.90		-1.40	-2.45	3
YCR036W	RBK1			-1.70		-1.60	-3.40	3
YOR158W	PET123		-1.10	-2.15			-3.40	3
YMR311C	GLC8			-2.05		-0.80	-2.50	3
YNL204C	SPS18			-1.70		-1.10	-2.05	3
YNR031C	SSK2			-1.95		-1.05	-4.80	3
YPR200C	ARR2			-1.60		-2.05	-2.95	3
YMR294W	JNM1			-1.80		-0.90	-2.65	3
YBL031W	SHE1			-1.60		-1.20	-2.75	3
YNR040W				-1.50		-1.00	-2.05	3
YCR087C-A	LUG1			-1.70		-1.30	-2.15	3
YDL020C	RPN4			-1.50		-1.40	-3.95	3
YFR010W	UBP6	2.10		-1.50			-1.90	3
YML117W	NAB6			-1.50		-1.10	-2.20	3
YHR108W	GGA2			-1.40		-0.80	-0.90	3
YOL089C	HAL9			-1.40		-2.30	-2.80	3
YBR291C	CTP1			-1.30		-1.20	-2.45	3
YLR119W	SRN2			-1.30		-0.70	-1.50	3
YCL005W	LDB16			-1.55		2.40	-2.30	3
YJL192C	SOP4			-1.30		-0.95	-1.85	3
YBR300C		-1.30		-1.30			-1.45	3
YOR322C	LDB19			-1.35		-1.85	-2.80	3
YDR135C	YCF1			-0.80		-0.70	-2.35	3
YLR039C	RIC1			0.90	1.70	1.40		3
YDR140W	MTQ2		0.80	1.55			1.40	3
YNL226W			0.70	1.10			2.00	3
YOL041C	NOP12		0.80	1.30			2.10	3
YPL125W	KAP120		0.80	1.55			2.00	3
YML010C-B				1.50		1.10	2.40	3
YIL083C			-1.10	-2.00			-1.40	3
YNL070W	TOM7		-1.10			-1.65	-2.60	3
YBR221C	PDB1		-0.70	-1.60			-1.35	3
YCL001W-A				-2.00		-1.60	-2.25	3
YCR026C	NPP1			-2.00		-1.80	-3.10	3
YIL148W	RPL40A			-1.70		-1.85	-2.85	3
YML028W	TSA1				-2.50	-3.10	-2.60	3
YDR126W	SWF1				-2.40	-2.70	-2.80	3
YKL113C	RAD27				-2.10	-2.90	-3.70	3
YGL148W	ARO2				-2.00	-2.65	-3.85	3
YML013W	SEL1				-1.40	-1.80	-2.40	3
YDL133W					-1.30	-2.15	-3.80	3
YER040W	GLN3				-1.30	-2.15	-2.35	3
YBR077C	SLM4				-1.10	-1.00	-2.80	3
YGL253W	HXK2				-1.00	-1.45	-1.80	3
YNL099C	OCA1				-0.90	-0.80	-1.65	3
YPL066W					-1.10	-3.10	-4.50	3
YHL027W	RIM101				-1.80	-2.35	-2.80	3

ORF	Gene	5 generations			15 generations			# of hits
		37.5µM	75µM	150µM	37.5µM	75µM	150µM	
YDR385W	EFT2				1.50	1.45	1.65	3
YER122C	GLO3				1.20	1.30	2.60	3
YHR031C	RRM3				-1.50	-1.40	-1.70	3
YBL038W	MRPL16				1.60	1.70	2.10	3
YMR073C	IRC21				-2.30	-2.30	-2.30	3
YFL023W	BUD27				-1.70	-1.60	-2.70	3
YNL109W					0.90	0.90	1.60	3
YBR162C	TOS1				1.30	1.30	2.40	3
YBR035C	PDX3	-2.60				-1.40		2
YGR078C	PAC10		-2.30	-2.40				2
YDL013W	HEX3		-1.35	-1.50				2
YDR028C	REG1		-0.70	-1.80				2
YKL160W	ELF1		0.80				1.30	2
YDR463W	STP1			-1.90			-2.55	2
YKL115C				-1.90			-1.00	2
YDR001C	NTH1			-2.00			-1.95	2
YJR074W	MOG1		-0.70	-1.90				2
YHL014C	YLF2			-1.70		-0.90		2
YML110C	COQ5			-1.60			-1.20	2
YHR103W	SBE22			-1.60			-1.65	2
YNL297C	MON2		-1.00	-1.50				2
YMR138W	CIN4			-1.50			-1.80	2
YAL019W	FUN30			-1.40			-1.50	2
YOR124C	UBP2			-1.40			-1.00	2
YNL211C				-1.40			-1.75	2
YCL055W	KAR4			-1.35			-1.45	2
YCR017C	CWH43			-1.30			-1.10	2
YCR049C				-1.20			-2.00	2
YBR296C	PHO89			-1.20			-1.65	2
YNL205C				-1.20			-2.00	2
YBR297W	MAL33			-1.10			-1.75	2
YOR264W	DSE3			-1.00			-1.30	2
YCR020C-A	MAK31			-1.00			-1.55	2
YBL083C				-1.00			-1.90	2
YHR104W	GRE3			-1.15			-1.25	2
YPL174C	NIP100			-0.90			-1.60	2
YNL229C	URE2			-1.40			-2.40	2
YDL203C	ACK1			-1.35			-1.70	2
YGL147C	RPL9A			1.15			1.50	2
YDR516C	EMI2			1.10			1.15	2
YNL322C	KRE1			1.10			1.20	2
YJR055W	HIT1			1.10			2.40	2
YNL292W	PUS4			1.10			0.95	2
YOR001W	RRP6		1.10	1.20				2
YML115C	VAN1			1.20			1.90	2
YDR450W	RPS18A			1.40			1.55	2
YOR270C	VPH1			1.40			2.10	2
YGL214W				1.30			1.35	2
YDR349C	YPS7			1.60			1.70	2
YNL248C	RPA49			1.60			2.00	2
YML010W-A				1.80			1.50	2
YDR389W	SAC7		1.50	2.20				2
YLR268W	SEC22		-1.90	-2.20				2
YDR173C	ARG82		-1.00	-1.80				2
YDR471W	RPL27B		0.60				1.50	2
YBR031W	RPL4A		0.70				1.60	2
YOL100W	PKH2		0.70				1.25	2

ORF	Gene	5 generations			15 generations			# of hits
		37.5µM	75µM	150µM	37.5µM	75µM	150µM	
YLR448W	RPL6B		0.70				1.90	2
YPR189W	SKI3		0.80				1.60	2
YHL011C	PRS3		0.90	1.70				2
YER084W				-2.10			-1.50	2
YKL213C	DOA1			-2.00			-1.70	2
YCR071C	IMG2			-1.90			-2.20	2
YJL120W				-1.60			-4.75	2
YMR152W	YIM1			-1.50			-1.60	2
YJL211C				-1.40			-1.80	2
YMR273C	ZDS1			-1.40			-1.90	2
YHR029C	YHI9			-1.30		3.20		2
YOR123C	LEO1			1.20			1.90	2
YNL067W	RPL9B			1.30			1.30	2
YMR228W	MTF1			1.50			0.90	2
YGL012W	ERG4				-1.70	-1.40		2
YJR043C	POL32				-1.40		-1.60	2
YKL032C	IXR1				0.90		2.05	2
YLL045C	RPL8B				1.00		1.80	2
YDR363W-A	SEM1				1.60		1.50	2
YPL178W	CBC2					-2.40	-2.90	2
YKL037W					-2.00	-2.30		2
YDR477W	SNF1					-2.10	-1.90	2
YOR275C	RIM20					-1.95	-2.10	2
YGR122W						-2.05	-2.35	2
YOR221C	MCT1					-1.70	-2.20	2
YMR154C	RIM13					-1.70	-2.00	2
YER177W	BMH1					-1.65	-2.95	2
YML121W	GTR1					-1.55	-3.00	2
YJL047C	RTT101					-1.60	-1.60	2
YGL175C	SAE2					-1.50	-2.40	2
YGL046W						-1.95	-2.20	2
YOR030W	DFG16					-1.70	-2.25	2
YLR025W	SNF7					-1.55	-1.95	2
YNL079C	TPM1					-1.45	-1.90	2
YKR006C	MRPL13					-1.30	-1.55	2
YMR063W	RIM9					-1.40	-1.80	2
YDR334W	SWR1					-1.10	-2.85	2
YLR109W	AHP1					-1.10	-2.25	2
YKR007W	MEH1					-1.20	-3.00	2
YBR286W	APE3					-0.90	-1.25	2
YGL133W	ITC1					-1.00	-1.30	2
YPL115C	BEM3					-0.90	-1.60	2
YML113W	DAT1					-0.80	-1.25	2
YOR304W	ISW2					-1.05	-1.30	2
YNL294C	RIM21					-1.50	-1.85	2
YOL003C	PFA4					-0.80	-1.10	2
YLR047C	FRE8					-0.70	-1.40	2
YCR031C	RPS14A					0.70	0.95	2
YBL071C						0.80	1.45	2
YBR168W	PEX32					0.90	1.60	2
YJR059W	PTK2					1.10	1.30	2
YML123C	PHO84					1.10	1.50	2
YLR074C	BUD20					1.20	1.70	2
YGR063C	SPT4					1.30	2.95	2
YGR064W						1.45	2.95	2
YNL119W	NCS2					2.30	2.40	2
YFR040W	SAP155					-1.50	-2.00	2

ORF	Gene	5 generations			15 generations			# of hits
		37.5µM	75µM	150µM	37.5µM	75µM	150µM	
YPL102C						1.00	1.50	2
YOR234C	RPL33B					3.60	1.20	2
YOL050C						1.20	1.60	2
YGR102C						1.40	1.45	2
YOR235W	IRC13					1.40	1.65	2
YIL060W						1.10	1.50	2
YNL120C						1.40	1.75	2
YBR156C	SLI15				1.20		2.20	2
YOR309C					1.20		2.35	2
YDR414C	ERD1					1.50	2.45	2
YNL315C	ATP11				-2.30		-2.80	2
YLR262C	YPT6				1.10	1.10		2
YHR030C	SLT2					-3.50	-3.10	2
YKL054C	DEF1					-1.90	-1.90	2
YDR008C						-1.20	-1.70	2
YNL032W	SIW14					-1.10	-1.90	2
YPR040W	TIP41					-1.10	-1.70	2
YIL153W	RRD1					-1.10	-2.00	2
YGR077C	PEX8					-0.70	-1.10	2
YDR121W	DPB4					0.80	1.20	2
YLR111W						1.00	1.20	2
YML122C						1.30	2.00	2
YCR073W-A	SOL2	-1.90						1
YJR006W	HYS2	-1.40						1
YHR100C			-1.20					1
YDR154C			-0.70					1
YBR260C	RGD1		0.80					1
YLL043W	FPS1		1.40					1
YLR126C				-3.00				1
YER153C	PET122			-3.00				1
YDL182W	LYS20			-3.00				1
YGL043W	DST1			-3.00				1
YLR038C	COX12			-2.50				1
YMR326C				-2.00				1
YLR357W	RSC2			-2.00				1
YHR115C	DMA1			-1.70				1
YKR034W	DAL80			-1.70				1
YPL084W	BRO1			-1.60				1
YML007W	YAP1			-1.60				1
YDR539W				-1.60				1
YPR079W	MRL1			-1.30				1
YKR040C				-1.30				1
YER141W	COX15			-1.30				1
YGL071W	AFT1			-1.20				1
YIL018W	RPL2B			-1.50				1
YCR060W	TAH1			-1.20				1
YML014W	TRM9			-1.20				1
YPR124W	CTR1			-1.10				1
YIR021W	MRS1			-1.10				1
YKL097C				-0.70				1
YPR076W				1.30				1
YBR184W				1.40				1
YDR174W	HMO1			1.60				1
YDR312W	SSF2			2.10				1
YNL069C	RPL16B			3.10				1
YML079W				3.40				1
YDR506C				3.90				1

ORF	Gene	5 generations			15 generations			# of hits
		37.5μM	75μM	150μM	37.5μM	75μM	150μM	
YJL206C				5.90				1
YJL016W				7.50				1
YIL134W	FLX1	-2.30						1
YGR161C	RTS3	-1.40						1
YJL141C	YAK1	-1.30						1
YLR354C	TAL1	1.60						1
YNL236W	SIN4	3.20						1
YJR011C			0.60					1
YGR272C			0.80					1
YKL119C	VPH2		0.90					1
YGR285C	ZUO1		1.00					1
YHL025W	SNF6		1.00					1
YJL095W	BCK1		1.20					1
YGL082W				-3.80				1
YDR176W	NGG1			-2.20				1
YMR184W	ADD37			-2.20				1
YEL067C				-2.00				1
YBR230C	OM14			-1.90				1
YKL070W				-1.90				1
YHR113W				-1.90				1
YGR056W	RSC1			-1.80				1
YEL065W	SIT1			-1.80				1
YLR420W	URA4			-1.80				1
YOR172W	YRM1			-1.70				1
YPL161C	BEM4			-1.70				1
YBR225W				-1.60				1
YIL010W	DOT5			-1.60				1
YNL299W	TRF5			-1.50				1
YCL045C				-1.50				1
YIL011W	TIR3			-1.40				1
YMR263W	SAP30			-1.40				1
YGR138C	TPO2			-1.30				1
YIR013C	GAT4			-1.20				1
YOL084W	PHM7			-1.20				1
YER055C	HIS1			-1.20				1
YJR033C	RAV1			1.70				1
YDR025W	RPS11A			2.70				1
YJL129C	TRK1			4.40				1
YFR045W				6.90				1
YOR303W	CPA1			8.70				1
YFR034C	PHO4				-3.00			1
YJR121W	ATP2				-2.60			1
YJL180C	ATP12				-2.00			1
YPR024W	YME1				-1.90			1
YKR024C	DBP7				-1.80			1
YER002W	NOP16					-1.80		1
YNL250W	RAD50					-1.70		1
YAL002W	VPS8					-1.50		1
YDR435C	PPM1					-1.35		1
YBL061C	SKT5					-1.20		1
YLR330W	CHS5					-1.20		1
YOL001W	PHO80					-1.45		1
YAL026C	DRS2					-1.10		1
YGR153W						-1.10		1
YCR067C	SED4					-0.80		1
YJR083C	ACF4					-0.80		1
YJL070C						-0.60		1

ORF	Gene	5 generations			15 generations			# of hits
		37.5μM	75μM	150μM	37.5μM	75μM	150μM	
YAL037W						-0.60		1
YKR077W						1.10		1
YCR028C	FEN2					1.35		1
YHL020C	OPI1						-2.65	1
YGR163W	GTR2						-2.85	1
YKR019C	IRS4						-2.50	1
YCR009C	RVS161						-2.25	1
YDL025C							-2.30	1
YNL196C							-2.00	1
YML016C	PPZ1						-1.90	1
YDL066W	IDP1						-1.85	1
YCR027C	RHB1						-1.90	1
YDR442W							-1.90	1
YDR484W	VPS52						-1.80	1
YCR065W	HCM1						-1.70	1
YJL099W	CHS6						-1.95	1
YKR052C	MRS4						-2.00	1
YGR106C							-1.70	1
YPL269W	KAR9						-1.80	1
YMR074C							-1.80	1
YCR059C	YIH1						-1.80	1
YDR253C	MET32						-1.95	1
YDR136C	VPS61						-2.15	1
YCR025C							-1.70	1
YAL040C	CLN3						-1.60	1
YLR079W	SIC1						-1.60	1
YDL213C	NOP6						-1.45	1
YPR070W	MED1						-1.60	1
YNL107W	YAF9						-1.50	1
YGR228W							-1.50	1
YBR027C							-1.60	1
YNL283C	WSC2						-2.00	1
YBR175W	SWD3						-1.50	1
YCR095C	OCA4						-1.85	1
YBR277C							-1.50	1
YDR354W	TRP4						-1.50	1
YDR329C	PEX3						-1.40	1
YPR074C	TKL1						-1.70	1
YNL314W	DAL82						-1.40	1
YNL179C							-1.30	1
YKL098W							-1.40	1
YMR026C	PEX12						-1.40	1
YJR142W							-1.40	1
YDR265W	PEX10						-1.25	1
YNL175C	NOP13						-1.60	1
YLL021W	SPA2						-1.35	1
YNR007C	ATG3						-1.50	1
YJR054W							-1.40	1
YKL023W							-1.50	1
YBL051C	PIN4						-1.30	1
YNL115C							-1.30	1
YCR085W							-1.40	1
YKL197C	PEX1						-1.35	1
YLR191W	PEX13						-1.30	1
YBR006W	UGA2						-1.35	1
YKL076C	PSY1						-1.20	1
YMR264W	CUE1						-1.55	1

ORF	Gene	5 generations			15 generations			# of hits
		37.5μM	75μM	150μM	37.5μM	75μM	150μM	
YBL067C	UBP13						-1.20	1
YCR082W	AHC2						-1.20	1
YPL170W	DAP1						-1.20	1
YAL055W	PEX22						-1.20	1
YKL053W							-1.50	1
YBR292C							-1.30	1
YDR310C	SUM1						-1.25	1
YML021C	UNG1						-1.10	1
YBR281C	DUG2						-1.25	1
YJL073W	JEM1						-1.10	1
YOL070C	NBA1						-1.45	1
YEL053C	MAK10						-1.00	1
YOR371C	GPB1						-1.00	1
YMR110C	HFD1						-0.90	1
YGL153W	PEX14						-1.15	1
YLR407W							-0.90	1
YCR079W	PTC6						-0.90	1
YJL030W	MAD2						-1.05	1
YLR199C							-0.90	1
YER065C	ICL1						-0.90	1
YDL021W	GPM2						-0.90	1
YBL054W							-0.90	1
YGL209W	MIG2						-0.80	1
YPL250C	ICY2						-0.80	1
YGR123C	PPT1						-0.80	1
YMR164C	MSS11						-1.30	1
YDL236W	PHO13						-0.70	1
YOR195W	SLK19						-0.70	1
YER149C	PEA2						-0.90	1
YMR039C	SUB1						0.70	1
YKR072C	SIS2						0.70	1
YNR006W	VPS27						0.70	1
YDL240W	LRG1						0.70	1
YDR032C	PST2						0.70	1
YOL045W	PSK2						0.80	1
YOR091W	TMA46						0.80	1
YGR034W	RPL26B						0.90	1
YER139C							0.90	1
YLR024C	UBR2						0.90	1
YLR080W	EMP46						0.90	1
YPL212C	PUS1						0.90	1
YHR077C	NMD2						1.00	1
YML081W							1.00	1
YML001W	YPT7						1.00	1
YER131W	RPS26B						1.00	1
YDR540C	IRC4						1.10	1
YGL031C	RPL24A						1.15	1
YGL014W	PUF4						1.10	1
YBR099C							1.25	1
YOR189W	IES4						1.10	1
YNL016W	PUB1						1.25	1
YGR072W	UPF3						0.95	1
YMR121C	RPL15B						1.10	1
YJL177W	RPL17B						1.15	1
YMR193C-A							1.10	1
YML024W	RPS17A						1.10	1
YMR080C	NAM7						1.10	1



ORF	Gene	5 generations			15 generations			# of hits
		37.5µM	75µM	150µM	37.5µM	75µM	150µM	
YGR223C	HSV2						1.10	1
YKR092C	SRP40						1.30	1
YDR048C							1.20	1
YDL136W	RPL35B						1.30	1
YDL062W							1.20	1
YEL054C	RPL12A						1.20	1
YOR006C							1.20	1
YHR203C	RPS4B						1.20	1
YML102C-A							1.20	1
YJR097W	JJJ3						1.30	1
YBR048W	RPS11B						1.55	1
YEL005C	VAB2						1.30	1
YDL192W	ARF1						1.30	1
YOR167C	RPS28A						1.30	1
YOL039W	RPP2A						1.25	1
YGR118W	RPS23A						1.30	1
YCR028C-A	RIM1						1.30	1
YPR057W	BRR1						1.15	1
YGR097W	ASK10						1.40	1
YGL066W	SGF73						1.40	1
YDR101C	ARX1						1.75	1
YPR106W	ISR1						1.40	1
YHL023C	RMD11						1.40	1
YLR185W	RPL37A						1.40	1
YDR417C							1.40	1
YGR148C	RPL24B						1.40	1
YER007C-A	TMA20						1.40	1
YJR105W	ADO1						1.55	1
YPL005W	AEP3						1.40	1
YPL104W	MSD1						1.40	1
YEL062W	NPR2						1.55	1
YGL078C	DBP3						1.50	1
YAL066W							1.50	1
YDR024W	FYV1						1.40	1
YBR181C	RPS6B						1.65	1
YLR110C	CCW12						1.50	1
YKR057W	RPS21A						1.50	1
YDR237W	MRPL7						1.50	1
YIL133C	RPL16A						1.65	1
YHR120W	MSH1						1.50	1
YOR065W	CYT1						1.55	1
YAL020C	ATS1						1.50	1
YIR023W	DAL81						1.50	1
YMR123W	PKR1						1.60	1
YLR264W	RPS28B						1.60	1
YEL050C	RML2						1.65	1
YGR085C	RPL11B						1.60	1
YFR031C-A	RPL2A						1.60	1
YOL006C	TOP1						1.75	1
YMR312W	ELP6						1.60	1
YMR116C	ASC1						1.60	1
YLR055C	SPT8						1.65	1
YMR193W	MRPL24						1.70	1
YDR080W	VPS41						1.70	1
YKR042W	UTH1						1.70	1
YIL038C	NOT3						1.70	1
YOR295W	UAF30						1.80	1

ORF	Gene	5 generations			15 generations			# of hits
		37.5µM	75µM	150µM	37.5µM	75µM	150µM	
YDL096C	OPI6						1.90	1
YCL058C	FYV5						1.70	1
YHR111W	UBA4						1.80	1
YNL228W							1.80	1
YDL056W	MBP1						1.85	1
YKL077W							1.75	1
YJR014W	TMA22						1.70	1
YOR085W	OST3						2.05	1
YAL023C	PMT2						1.90	1
YOR201C	MRM1						2.00	1
YHR066W	SSF1						2.05	1
YJL127C	SPT10						2.00	1
YDR418W	RPL12B						2.00	1
YLR382C	NAM2						2.10	1
YHR034C	PIH1						2.00	1
YIL110W	MNI1						2.30	1
YOR078W	BUD21						2.25	1
YPR044C	OPI11						2.20	1
YMR267W	PPA2						2.00	1
YJR032W	CPR7						2.70	1
YLR068W	FYV7						2.90	1
YMR307W	GAS1				-2.30			1
YIL092W					1.20			1
YLR261C	VPS63				1.60			1
YDR458C	HEH2					-2.40		1
YPL042C	SSN3					-2.00		1
YPL065W	VPS28					-1.30		1
YGR205W						-1.20		1
YMR099C						-1.10		1
YJL204C	RCY1					-1.10		1
YGL149W						0.70		1
YOR240W						0.70		1
YDL188C	PPH22					0.80		1
YKL131W						0.80		1
YBL082C	ALG3					0.80		1
YLR334C						0.90		1
YMR135W-A						1.00		1
YLR131C	ACE2					1.00		1
YHR171W	ATG7					1.00		1
YBR129C	OPY1					1.10		1
YPL110C	GDE1					1.10		1
YFR016C						1.10		1
YPR122W	AXL1					1.10		1
YMR284W	YKU70					1.10		1
YLR286C	CTS1					1.20		1
YDL198C	GGC1					1.20		1
YBR259W						1.20		1
YPR170C						1.30		1
YLR341W	SPO77					1.30		1
YOR251C						1.30		1
YNL108C						1.30		1
YPR196W						1.30		1
YDR124W						1.40		1
YNL105W						1.40		1
YFR026C						1.40		1
YBR069C	TAT1					1.50		1
YDR400W	URH1					1.50		1

ORF	Gene	5 generations			15 generations			# of hits
		37.5μM	75μM	150μM	37.5μM	75μM	150μM	
YKL147C						1.60		1
YGR049W	SCM4					1.60		1
YKR061W	KTR2					1.60		1
YLR178C	TFS1					1.60		1
YHR079C-B						1.60		1
YPR014C						1.70		1
YPR140W	TAZ1					1.70		1
YMR299C	DYN3					1.70		1
YPR012W						1.80		1
YFL041W	FET5					1.80		1
YDR221W	GTB1					1.80		1
YBR075W						1.90		1
YLR036C						1.90		1
YJR154W						1.90		1
YLR220W	CCC1					2.00		1
YCR101C						2.00		1
YBR134W						2.00		1
YGR157W	CHO2					2.10		1
YOR092W	ECM3					2.10		1
YDL070W	BDF2					2.10		1
YOR276W	CAF20					2.10		1
YBR149W	ARA1					2.10		1
YHR153C	SPO16					2.20		1
YDR456W	NHX1					2.20		1
YIL009C-A	EST3					2.20		1
YDR384C	ATO3					2.30		1
YML119W						2.30		1
YGR242W						2.40		1
YMR204C	INP1					2.60		1
YKL133C						2.80		1
YDR175C	RSM24					2.90		1
YLR203C	MSS51					3.00		1
YMR119W-A						3.10		1
YMR114C						3.10		1
YKL174C	TPO5					3.20		1
YOR054C	VHS3					3.30		1
YNL047C	SLM2					3.50		1
YBR138C						3.70		1
YOL118C						3.90		1
YCR007C						4.00		1
YDR291W	HRQ1					4.10		1
YKR041W						4.10		1
YEL028W						4.20		1
YDL010W						4.20		1
YML009C	MRPL39					4.50		1
YBL065W						5.00		1
YIL154C	IMP2'						-3.00	1
YOL012C	HTZ1						-2.70	1
YHL044W							-2.40	1
YBR187W	GDT1						-2.30	1
YBR269C	FMP21						-1.90	1
YDR074W	TPS2						-1.90	1
YNL203C							-1.80	1
YNL056W	OCA2						-1.80	1
YDR525W	API2						-1.70	1
YLR374C							-1.70	1
YLR319C	BUD6						-1.60	1

ORF	Gene	5 generations			15 generations			# of hits
		37.5μM	75μM	150μM	37.5μM	75μM	150μM	
YBR295W	PCA1						-1.50	1
YJR111C							-1.50	1
YJL157C	FAR1						-1.40	1
YLL040C	VPS13						-1.30	1
YOR023C	AHC1						-1.20	1
YGR089W	NNF2						0.60	1
YNR009W	NRM1						0.90	1
YJL065C	DLS1						1.00	1
YPL214C	THI6						1.00	1
YOR379C							1.00	1
YPL150W							1.00	1
YNL082W	PMS1						1.00	1
YOR076C	SKI7						1.00	1
YGL213C	SKI8						1.10	1
YDR144C	MKC7						1.10	1
YDR271C							1.10	1
YDR049W							1.20	1
YBR015C	MNN2						1.30	1
YKL041W	VPS24						1.30	1
YBR058C	UBP14						1.30	1
YDR392W	SPT3						1.40	1
YGR081C	SLX9						1.50	1
YOL121C	RPS19A						1.50	1
YDL117W	CYK3						1.60	1
YDR083W	RRP8						1.60	1
YPL118W	MRP51						1.90	1
YJL102W	MEF2						1.90	1
YPR101W	SNT309						2.00	1
YGL088W							2.00	1
YMR216C	SKY1						2.00	1
YFL036W	RPO41						2.20	1
YPR132W	RPS23B						2.40	1
YOR312C	RPL20B						3.00	1