

STRESS RESPONSE GENES WITH UNKNOWN FUNCTION

	Expression Profile		Time		Description	Obs.
	UP	DOWN	10	90		
Genes with UNKNOWN FUNCTION - 10 Minute Treatment						
YHR143W			2	5	weak similarity to a-agglutinin core protein AGA1	
YDR276C			1			
YML053C			1	3		
YDR544C			1		strong similarity to subtelomeric encoded proteins	
YBL081W			1	3	hypothetical protein	
YBR134W			1	3	questionable ORF	
YDR154C			1		questionable ORF	
YGL128C			1	4	weak similarity to rat cysteine string protein	
YJR115W			1	2	similarity to hypothetical protein YBL043w	
YFR027W			1		hypothetical protein	
YDR417C			2	6	questionable ORF	
YIL082W-A			2		no mips info	
YEL059W			2		hypothetical protein	
YCL019W			2	5		
YGR200C			2		weak similarity to rape guanine nucleotide regulatory protein	
YDR233C			2		similarity to hypothetical protein YDR233c	
YOR248W			2		questionable ORF	
YDL015C			2	3	similarity to rat synaptic glycoprotein SC2	
YDR209C			2		questionable ORF	
YKL030W			2		questionable ORF	
YHR133C			2		similarity to hypothetical protein YNL156c	
YDR533C			2	1		
YKR065C			2		hypothetical protein	
YLR064W			2		similarity to hypothetical protein YLR064w	
YMR002W			2	2	similarity to hypothetical S.pombe and C.elegans proteins	
YNL124W			2		similarity to hypothetical S. pombe protein	
YEL041W			6		strong similarity to Utr1p	
YDR486C			6		weak similarity to Snf7p	
YKL105C			6		similarity to YMR086w	
YOR382W			6	1	hypothetical protein	
YHR131C			6		similarity to hypothetical protein YNL144c	
YLR068W			6		hypothetical protein	
YEL033W			6		weak similarity to Sauroleishmania mitochondrial hypothetical ORF-5 protein	
YER190W			6	6	strong similarity to subtelomeric encoded proteins	
YLR003C			6		hypothetical protein	
YLR162W			6	4	hypothetical protein	
YCR016W			6	4	hypothetical protein	
YDL167C			6	4	protein of unknown function	ARPI
YCR033W			6		similarity to mouse nuclear receptor co-repressor N-Cor	
YDR496C			6	5	similarity to hypothetical human and C.elegans proteins	
YIL096C			6		hypothetical protein	
YGR069W			6		questionable ORF	
YEL043W			6		weak similarity to Mad1p	
YGR265W			6	2	questionable ORF	
YDR413C			6		weak similarity to NADH dehydrogenase	
YNL115C			6	3	weak similarity to S.pombe hypothetical protein SPAC23C11	
YLR095C			6	4	hypothetical protein	
YJL225C			6		strong similarity to members of the Sir1p/Tip1p family	
YGR103W			6		similarity to zebrafish essential for embryonic development gene pescadillo	
YBL046W			6		weak similarity to hypothetical protein YOR054c	
YLR051C			6	4	similarity to human acidic 82 kDa protein	
YGR272C			6		similarity to hypothetical S.pombe protein SPAC12G12.02	
YOR309C			6	7	questionable orf	
YFL034W			6	4	similarity to hypothetical S. pombe protein and to C.elegans F35D11 protein	
YLR339C			6		questionable ORF	
YDR326C			6	4	strong similarity to YHR080c, similarity to YFL042c and YLR072w	
YNR025C			6		questionable ORF	
YNL075W			6		similarity to YHR088w and C.elegans hypothetical protein F44G4.1	
YMR014W			6		weak similarity to S.pombe hypothetical protein SPAC4F10	
YGR163W			6		GTP-binding protein	
YER066C-A			6	4	hypothetical protein	
YDR295C			6	4	unknown	
YKL225W			6		strong similarity to Gin11p, YKL225w and other subtelomeric encoded proteins	

Expresion Profile		Time		Description	Obs.
UP	DOWN	10	90		
	YDR230W	6		questionable ORF	
	YNL170W	6		questionable ORF	
	YCR030C		2	weak similarity to S.pombe hypothetical protein SPBC4C3.06	
	YIL019W	6		weak similarity to S.pombe hypothetical protein SPAC3F10	
	YIL156W	6		questionable ORF	UBP7
	YNL217W		6	weak similarity to E.coli bis(5'-nucleosyl)-tetrphosphatase	
	YHR177W	6		weak similarity to Spombe pac2 protein	
	YIL152W	6		hypothetical protein	
	YKR033C	6		questionable ORF	
	YFL067W	6	7	similarity to mouse period clock protein	
	YPL027W	6		hypothetical protein	
	YJL019W	6		hypothetical protein	
	YHL050C	6	7	strong similarity to subtelomeric encoded proteins	
	YDR104C	7		hypothetical protein	
	YKR078W	7		similarity to Vps5p	
	YBL113C	7	7	Y' short ORF no intron	
	YDR316W	7		putative methyltransferase	
	YHR095W	7		hypothetical protein	
	YER106W	7		hypothetical protein	
	YMR251W	7		strong similarity to YKR076w and YGR154c	
	YDR365C	7	5	weak similarity to Streptococcus M protein	
	YGR017W	7		hypothetical protein	
	YPL023W	7		similarity to repeat structures in a Plasmodium falciparum protein (MESA) that binds human erythrocyte	
	YNL120C	7	5	questionable ORF	
	YOR359W	7		hypothetical protein	
	YKR040C	7		questionable ORF	
	YDR412W	7	4	questionable ORF	
	YDR398W	7	4	similarity to human KIAA0007 gene	
	YGR296W	7	7	strong similarity to subtelomeric encoded proteins	
	YNL187W	7		hypothetical protein	
	YHR214W-A	7		strong similarity to hypothetical protein YAR068w	
	YHR219W	7	7	strong similarity to subtelomeric encoded proteins	
	YNL179C	7		hypothetical protein	
	YLR334C	7	7	questionable orf	
	YLR467W	7	7	strong similarity to subtelomeric encoded proteins	
	YLR466W	7	7	protein of unknown function	
	YNL013C	7		questionable orf	
	YBR190W	7		questionable ORF	
	YFR008W	7	5	weak similarity to human centromere protein E	
	YMR290W-A	7		questionable ORF	
	YHR126C	7	5	hypothetical protein	
	YER181C	7		questionable ORF	
Genes with UNKNOWN FUNCTION -		90	Minute Treatment		
	YDL023C	1		ORF overlaps qpd1	
	YGR243W		1	strong similarity to hypothetical protein YHR162w;antifreeze motif	
	YHR087W		1	EF hand=Ca2+ binding domain	
	YPL095C		1	Protein with similarity to Ybr177c (another protein of unknown fxn);steady state level of mRNA transcript is 12-fold higher in cells grown in minimal rather than in rich medium	
	YGL037C		1	acyl coA binding protein--homology to-ncbi blast search	
	YOL150C		1	Protein of unknown function	
	YBR116C		1	Protein with similarity to sea urchin NADH chain ND2	
	YHL021C		1	Protein of unknown function;weak similarity to Pseudomonas gamma-butyrobetaine hydroxylase	
	YCL042W		1	questionable ORF	
	YJL108C		1	Protein of unknown function, contains 8 potential transmembrane domains;member of the major facilitator superfamily (MFS)	
	YLR205C		1	Protein of unknown function	
	YAL034C		1	Protein of unknown function	FUN19
	YMR090W		1	Protein with similarity to malate dehydrogenases;strong similarity to B. subtilis conserved hypothetical protein yhfK	
	YOL084W		1	Protein of unknown function, member of the major facilitatorsuperfamily (MFS)	
	YER150W		1	Protein with similarity to Sed1p (putative cell surface glycoprotein)	
	YGR086C		1	Protein of unknown function;strong similarity to hypothetical protein YPL004c(also on this list)	
	YDL222C		1	Protein with similarity to Sur7p;strong similarity to hypothetical protein YNL194c and similarity to YML052w	

	Expresion Profile		Time		Description	Obs.
	UP	DOWN	10	90		
YBR177C			1		Protein of unknown function;strong similarity to hypothetical protein YPL095c	
YDR504C			1		unknown	
YDL110C			1		Protein of unknown function	
YDL223C			1		weak similarity to mucin	
YML128C			1		Protein of unknown function	GIN3
YCR061W			1		Protein of unknown function	
YOR173W			1		Protein of unknown function;strong similarity to YLR270w(unknown)	
YLL028W			1		Member of major facilitator superfamily (MFS) multidrug-resistance (MFS-MDR) protein family	
YDR533C			1		strong similarity to hypothetical proteins YPL280w, YOR391c and YMR322c(all unknown)	
YKL151C			1		Protein of unknown function;similarity to C.elegans hypothetical protein R107.2	
YLL023C			1		similarity to hypothetical protein YLR064w	
YPL004C			1		Protein with weak similarity to tropomyosin; similarity to ygr086c	
YKR046C			1		meiotically induced, hypothetical protein	
YBR214W			1		Protein with similarity to moc1 protein of S. pombe;strong similarity to hypothetical protein YGL056c	SDS24
YNL305C			1		Protein with similarity to Aspergillus nidulans negative-acting regulatory protein qutR and Drosophila melanogaster N-methyl-D-aspartate receptor-associated protein	
YOR220W			1		Protein of unknown function	
YLR270W			1		Protein of unknown function;strong similarity to YOR173w	
YNL156C			1		Protein of unknown function;similarity to YHR133c(PROTEIN OF UNKNOWN FUNCTION, HAS FOUR POTENTIAL TRANSMEMBRANE DOMAINS)	
YOR382W			1		hypothetical protein	
YGR052W			1		Protein of unknown function;suppressor of GTPase mutant	
YLR023C			1		similarity to S.pombe hypothetical protein SPAC30D11.11	
YLR379W			1		questionable ORF	
YHR138C			1		Protein involved in vacuolar fusion, has sequence similarity to Pbi2p	
YMR291W			1		similarity to ser/thr protein kinase	
YHR199C			1		Protein with similarity to Yhr198c	
YNL134C			1		similarity to C.carbonum toxD gene	
YNL195C			1		Protein of unknown function	
YKL051W			1		Protein of unknown function	
YPL159C			1		weak similarity to YPR151c(unknown)	
YBR183W			1		Protein with weak similarity to H. influenzae lic-1 protein;strong similarity to hypothetical protein YPL087w	
YER037W			1		Protein of unknown function;strong similarity to hypothetical protein YGL224c	
YCR062W			1		similarity to Ytp1p protein(Yeast putative Transmembrane Protein)	
YMR181C			1		similarity to YPL229w(PROTEIN OF UNKNOWN FUNCTION)	
YER079W			1		Protein of unknown function	
YLR225C			1		strong similarity to YDR222w(unknown)	
YNL041C			1		weak similarity to Mlp1(myosin-like protein)	
YHR049C-A			1		questionable ORF	
YLR108C			1		strong similarity to YDR132c (unknown)	
YDL046W			1		hypothetical protein	
YPL206C			1		Protein with similarity to Mycoplasma genitalium glycerophosphoryl diester phosphodiesterase;weak similarity to glycerophosphoryl diester phosphodiesterases	
YER038C			1		Protein of unknown function	
YLR414C			1		weak similarity to YLR413w	
YMR191W			1		Protein of unknown function	
YPL087W			1		Protein with similarity to Ybr183p(unknown)	
YMR173W-A			1		questionable ORF; 8 transmembrane regions	
YKL100C			1		similarity to C.elegans hypothetical protein	
YKL036C			1		questionable ORF	
YPL221W			1		strong similarity to YGL139w and YAL053w(unknown)	
YJL149W			1		similarity to hypothetical protein YDR131c;has a predicted leucine zipper domain in N-terminal region;has an F box	
YOL087C			1		Protein of unknown function	
YOR057W			1		suppressor of G2 allele of SKP1	
YCL044C			1		Protein of unknown function	
YFR017C			2		Protein of unknown function	

Expresion Profile		Time		Description	Obs.
UP	DOWN	10	90		
YCR030C				weak similarity to <i>S.pombe</i> hypothetical protein SPBC4C3.06	
YDL076C			2	Protein of unknown function	
YGR149W			2	Protein with similarity to hypothetical protein A-288	
YIL055C			2	hypothetical protein	
YBR230C			2	Protein of unknown function	
YNR014W			2	Protein of unknown function;weak similarity to hypothetical protein YMR206w	
YNL208W			2	weak similarity to <i>Colletotrichum gloeosporioides</i> nitrogen starvation-induced glutamine rich protein	
YKR011C			2	Protein of unknown function	
YOR311C			2	similarity to hypothetical <i>S. pombe</i> protein	
YGR142W			2	Protein of unknown function;similarity to hypothetical protein YPR158w	
YHR142W			2	weak similarity to cytochrome-c oxidases	
YHR204W			2	strong similarity to hypothetical protein YPL189w	
YGL084C			2	strong similarity to hypothetical protein YPL189w	
YPL202C			2	similarity to cell size regulation protein Rcs1p	
YGL046W			2	hypothetical protein	
YOR023C			2	Protein of unknown function	
YGL228W			2	hypothetical protein	
YGL036W			2	Mtf1 Two hybrid Clone 2	MTC2
YNR035C			2	hypothetical protein	
YER035W			2	Protein of unknown function	
YPL246C			2	weak similarity to mouse proteinase activated receptor 2	
YDR222W			2	strong similarity to hypothetical protein YLR225c	
YMR002W			2	similarity to hypothetical <i>S.pombe</i> and <i>C.elegans</i> proteins	
YHR056C			2	Protein of unknown function, coded from the CUP1 repeat region	
YKR091W			2	similarity to YOR083w	SRL3
YPL260W			2	hypothetical protein	
YML005W			2	similarity to hypothetical <i>S.pombe</i> protein	
YLR042C			2	Protein of unknown function	
YKL034W			2	weak similarity to YOL013c	
YFR039C			2	similarity to hypothetical protein YGL228w	
YNL336W			2	strong similarity to subtelomeric encoded proteins	COS1
YDR202C			2	hypothetical protein	
YOR112W			2	similarity to <i>C.elegans</i> hypothetical protein	
YHR063C			2	weak similarity to translational activator CBS2	
YLR247C			2	similarity to <i>S.pombe</i> rad8 protein and Rdh54p	
YLR350W			2	strong similarity to YGR038w	
YJR115W			2	similarity to hypothetical protein YBL043w	
YNR048W			2	unknown	
YGR182C			2	questionable ORF	
YGR141W			2	strong similarity to hypothetical protein YPR157w	
YJL171C			2	similarity to YBR162c	
YGR190C			2	questionable ORF	
YDR474C			2	similarity to C-terminal region of YOR019w	
YNL080C			2	hypothetical protein	
YGR284C			2	similarity to mouse Surf-4 protein	
YML058W			2	identified by SAGE expression analysis	SML1
YGR237C			2	weak similarity to YOR019w	
YKL146W			2	strong similarity to <i>S.pombe</i> hypothetical protein C3H1.09C	
YGL072C			2	questionable ORF	
YLR224W			2	hypothetical protein	
YMR195W			2	similarity to YPL250c	
YNL155W			2	hypothetical protein	
YGR196C			2	weak similarity to <i>Tetrahymena</i> acidic repetitive protein arp1	
YGL132W			2	questionable ORF	
YHR130C			2	weak similarity to <i>T.brucei</i> H ⁺ -transporting ATP synthase	
YLR219W			2	hypothetical protein	
YGL052W			2	questionable ORF	
YNR039C			2	weak similarity to <i>Anopheles</i> mitochondrial NADH dehydrogenase subunit 2	
YLR267W			2	hypothetical protein	BOP2
YKL175W			2	weak similarity to <i>E.coli</i> hypothetical protein	
YGR189C			2	similarity to <i>Aspergillus fumigatus</i> rAsp	
YNL194C			2	strong similarity to YDL222c and similarity to Sur7p	
YLR410W			2	strong similarity to hypothetical <i>S. pombe</i> protein	
YML132W			2	strong similarity to subtelomeric encoded proteins	COS3
YNL253W			2	hypothetical protein	
YBR101C			2	weak similarity to <i>S.pombe</i> hypothetical protein SPBC3B9.01	

Expresion Profile		Time		Description	Obs.
UP	DOWN	10	90		
	YLR437C		2	hypothetical protein	
	YBR287W		2	similarity to hypothetical S. pombe protein	
	YGR265W		2	questionable ORF	
	YBR273C		2	similarity to hypothetical protein YJL048c	
	YDL016C		2	questionable ORF	
	YER067W		2	strong similarity to hypothetical protein YIL057c	
	YPR098C		2	hypothetical protein	
	YIL135C		2	similarity to Ymk1p	
	YLR201C		2	similarity to hypothetical S. pombe protein	
	YNL074C		2	similarity to YIL135c	
	YHR191C		2	protein of unknown function	CTF8
	YDR306C		2	weak similarity to S.pombe hypothetical protein SPAC6F6	
	YOR279C		2	hypothetical protein	
	YOL060C		2	similarity to C.elegans hypothetical protein M02F4.4	
	YNL100W		2	hypothetical protein	
	YOR161C		1	Protein of unknown function, member of the major facilitator superfamily (MFS)	
	YKR081C		6	hypothetical protein	
	YNL010W		6	weak similarity to B.subtilis hypothetical protein ykrX	
	YHR145C		6	questionable ORF	
	YKL202W		6	questionable ORF	
	YJL188C		6	questionable ORF	
	YER190W		6	strong similarity to subtelomeric encoded proteins	
	YDR417C		6	questionable ORF	
	YBL113C		6	Y' short ORF no intron	
	YNL217W		6	weak similarity to E.coli bis(5'-nucleosyl)-tetrphosphatase	
	YLR062C		7	opposite rpl22a; questionable ORF	
	YGR296W		7	strong similarity to subtelomeric encoded proteins	
	YHL050C		7	strong similarity to subtelomeric encoded proteins	
	YHR219W		7	strong similarity to subtelomeric encoded proteins	
	YLL044W		7	questionable ORF; opposite RPL8E	
	YJL136C		7	previously called RPS25B aka Ribosomal protein S21B (S26B) (YS25). No MIPS classific. As ribosomal just YJL136w-a identified by SAGE expression analysis	RPS21B
	YLR467W		7	strong similarity to subtelomeric encoded proteins	
	YER181C		7	questionable orf	
	YPL283C		7	strong similarity to subtelomeric encoded proteins	
	YLR466W		7	protein of unknown function	
	YOR309C		7	questionable orf	
	YFL067W		7	similarity to mouse period clock protein	
	YLR334C		7	questionable orf	