

			x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	pvalue	pvalue	pvalue
			condition1	condition2	condition3	condition4	condition5	multiclass	control vers. condition1	control vers. condition2
ORF19	Sugg.Name	Product	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS		WT_YPD+Cu	WT_YPD+BCS
*	orf19.1091	NOP8	-1,06	1,02	1,10	-1,11	2,14	0,0020	0,9980	1,0000
*	orf19.4777	DAK2	-1,16	-1,02	-1,37	-1,18	-3,42	0,0070	0,9980	1,0000
*	orf19.1124.2	DPH52	-1,02	1,02	1,19	-1,02	1,70	0,0000	0,9980	1,0000
*	orf19.1862		1,30	1,10	-1,19	1,08	-6,39	0,0010	0,9980	1,0000
*	orf19.1930	FRE4	-1,00	1,00	1,78	-1,03	3,76	0,0000	0,9980	1,0000
*	orf19.2520	MRPS28	-1,37	-1,07	1,21	-1,40	2,18	0,0010	0,5570	1,0000
*	orf19.2451		1,02	-1,06	-3,61	1,06	-4,60	0,0000	0,9980	1,0000
*	orf19.2803	HEM13	-1,38	-1,66	-3,95	-1,24	-8,31	0,0000	0,9980	0,6120
*	orf19.5705	NAM2	-1,05	1,09	1,14	-1,02	1,32	0,0020	0,9980	1,0000
*	orf19.6234		-1,13	1,03	1,04	-1,09	1,89	0,0000	0,5550	1,0000
*	orf19.3559		-1,29	-1,05	1,06	-1,25	1,82	0,0020	0,9640	1,0000
*	orf19.1162		1,01	-1,15	-1,50	-1,05	-2,00	0,0000	0,9980	1,0000
*	orf19.1815	TIF6	1,02	-1,06	1,62	1,05	2,54	0,0000	0,9980	1,0000
*	orf19.4697	MDN1	1,13	1,17	2,18	1,01	2,04	0,0000	0,9980	1,0000
*	orf19.706	NMD3	1,01	1,08	1,27	1,01	2,44	0,0020	0,9980	1,0000
*	orf19.710	LSC2	1,21	1,37	1,84	1,15	2,04	0,0000	0,8520	0,1640
*	orf19.4216	HSP122	1,18	1,64	-1,72	1,10	-3,62	0,0010	0,9980	1,0000
*	orf19.3393	DBP9	-1,17	-1,09	1,08	-1,14	2,27	0,0000	0,9980	1,0000
*	orf19.2826		1,02	-1,04	-1,21	1,04	-1,43	0,0040	0,9980	1,0000
*	orf19.4777	DAK2	-1,17	-1,29	-1,56	-1,22	-3,43	0,0000	0,9980	1,0000
*	orf19.3357	FYV4	-1,15	1,02	1,06	-1,22	1,77	0,0030	0,9980	1,0000
*	orf19.3515	BNA1	-1,05	-1,10	-1,45	-1,01	-1,85	0,0000	0,9980	1,0000
*	orf19.1052	HTB2	-1,07	1,45	1,15	1,21	1,57	0,0000	0,9980	0,0100
*	orf19.6257	GLT1	-1,10	-1,17	-1,36	-1,07	-1,92	0,0000	0,9980	1,0000
*	orf19.1646	MRD1	-1,03	1,19	1,80	1,01	3,25	0,0000	0,9980	1,0000
*	orf19.4639.1	PWP1	-1,13	1,02	1,26	1,04	1,67	0,0020	0,9980	1,0000
*	orf19.5230	MRPS9	-1,21	1,01	1,08	-1,28	1,58	0,0010	0,8260	1,0000
*	orf19.2711	ELP2	-1,20	1,01	1,13	-1,03	1,56	0,0080	0,9980	1,0000
*	orf19.4216	HSP122	1,22	1,47	-1,98	-1,12	-3,79	0,0000	0,9980	1,0000
*	orf19.171	DBP2	-1,14	-1,09	-1,05	-1,06	1,78	0,0000	0,9980	1,0000
*	orf19.172	RPC19	-1,21	-1,03	-1,01	-1,15	1,87	0,0070	0,9980	1,0000
*	orf19.1206	FET34	1,17	1,01	8,69	1,62	9,69	0,0000	0,9980	1,0000
*	orf19.1654		1,04	-1,11	-1,10	-1,01	-1,70	0,0030	0,9980	1,0000
*	orf19.1030	FPR3	1,09	1,09	2,41	1,03	3,34	0,0000	0,9980	1,0000
*	orf19.3941	URA7	-1,01	1,02	1,94	-1,05	2,61	0,0000	0,9980	1,0000
*	orf19.4328	CCC2	-1,09	1,04	2,08	-1,03	3,09	0,0000	0,9980	1,0000
*	orf19.2525	LYS12	-1,26	-1,49	-2,65	-1,16	-3,52	0,0000	0,9980	1,0000
*	orf19.133		-1,06	-1,05	3,36	-1,24	3,64	0,0000	0,9980	1,0000
*	orf19.863	MRPL35	-1,26	-1,01	1,14	-1,12	1,64	0,0000	0,4610	1,0000
*	orf19.2278		1,05	-1,02	-2,18	-1,01	-2,97	0,0000	0,9980	1,0000

			x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	pvalue	pvalue	pvalue	
			condition1	condition2	condition3	condition4	condition5	multiclass	control vers. condition1	control vers. condition2	
	ORF19	Sugg.Name	Product	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD+Cu	WT_YPD+BCS	
*	orf19.2438		conserved hypothetical protein	-1,33	1,04	1,03	-1,20	1,68	0,0020	0,5970	1,0000
*	orf19.3089		possibly involved in intramitochondrial sorting	-1,06	1,14	-1,11	-1,02	1,64	0,0010	0,9980	1,0000
*	orf19.5288	YAL60	Zn-containing alcohol dehydrogenase	1,01	-1,21	-1,47	-1,04	-2,93	0,0000	0,9980	1,0000
*	orf19.2386	UTP11	U3 snoRNP protein	-1,07	1,03	-1,04	-1,05	1,80	0,0000	0,9980	1,0000
*	orf19.5299	ECM1	cell wall structure or biosynthesis	-1,14	-1,08	1,06	-1,05	1,91	0,0000	0,9980	1,0000
*	orf19.4255	PST1	protoplast-secreted	-1,28	-1,01	-2,34	-1,13	2,04	0,0000	0,9980	1,0000
*	orf19.4747	HEM14	mitochondrial protoporphyrinogen oxidase	-1,29	-1,27	-2,16	-1,27	-2,90	0,0000	0,5130	0,9000
*	orf19.1957	CYC3	holocytochrome-c synthase	1,00	1,11	1,15	1,03	1,78	0,0000	0,9980	1,0000
*	orf19.1691		conserved hypothetical protein	-1,54	-1,34	-5,10	-1,32	-7,19	0,0000	0,9980	1,0000
*	orf19.3753	SEF1	zinc finger transcription factor	-1,12	1,27	1,81	-1,03	3,46	0,0000	0,9980	1,0000
*	orf19.4416	VPS13	vacuolar sorting	-1,05	-1,03	-1,07	-1,08	-1,23	0,0010	0,9980	1,0000
*	orf19.1839	RPA190	alpha subunit of RNA polymerase I	-1,11	1,14	1,59	-1,07	2,14	0,0020	0,9980	1,0000
*	orf19.2608	ADH5	alcohol dehydrogenase II	1,05	1,29	-2,33	1,20	-4,94	0,0000	0,9980	1,0000
*	orf19.4479		conserved hypothetical protein	-1,13	1,04	1,56	-1,02	2,70	0,0000	0,9980	1,0000
*	orf19.4477	IFD4	aryl-alcohol dehydrogenase	1,01	1,22	-2,17	-1,12	-2,96	0,0000	0,9980	1,0000
*	orf19.5634	FRP1	ferric reductase	1,05	1,16	2,83	1,34	4,14	0,0000	0,9980	1,0000
*	orf19.5636	RBT5	repressed by TUP1 protein 5	2,34	3,33	28,10	3,52	29,74	0,0000	0,9980	1,0000
*	orf19.58	RRP6	ribosomal RNA processing 3'-5' exonuclease	1,01	1,05	1,28	-1,02	2,15	0,0010	0,9980	1,0000
*	orf19.4306		conserved hypothetical protein	-1,04	1,04	1,08	-1,04	1,42	0,0040	0,9980	1,0000
*	orf19.3553	RPF2	ribosome large subunit assembly	-1,16	-1,03	1,51	-1,11	2,50	0,0020	0,9980	1,0000
*	orf19.3547	PUF6	member of the PUF protein family	-1,01	1,07	1,68	1,00	2,80	0,0000	0,9980	1,0000
*	orf19.2998		conserved hypothetical protein	-1,24	-1,02	1,09	-1,08	2,24	0,0000	0,9040	1,0000
*	orf19.5847	RET1	DNA-directed RNA polymerase III	-1,11	1,02	1,22	-1,01	1,70	0,0000	0,9980	1,0000
*	orf19.1966	BUD23	bud site selection protein	-1,17	-1,02	-1,09	-1,12	1,53	0,0050	0,9980	1,0000
*	orf19.5854	SBP1	single stranded nucleic acid binding protein	-1,07	-1,12	-1,36	-1,22	-1,63	0,0010	0,9980	1,0000
*	orf19.4802	FTH1	iron permease	1,12	1,07	3,14	1,17	3,25	0,0000	0,9980	1,0000
*	orf19.6154		conserved hypothetical protein	-1,01	-1,06	1,01	-1,08	-1,25	0,0090	0,9980	1,0000
*	orf19.1395		mitochondrial phosphate carrier protein	1,43	1,42	1,05	1,48	-2,59	0,0030	0,9980	1,0000
*	orf19.3749	OPT3	oligopeptide transporter protein	1,17	-1,07	-1,56	1,31	-1,99	0,0000	0,9980	1,0000
*	orf19.3579	ATP4	ATP synthase F0 sector subunit 4	1,17	1,09	1,56	1,01	1,92	0,0020	0,9980	1,0000
*	orf19.3138	NOP1	U3 snoRNP protein similar to mammalian fibrill	-1,16	-1,01	1,42	-1,00	2,53	0,0000	0,9980	1,0000
*	orf19.2256		hypothetical ankyrin-repeat protein	-1,00	1,04	1,13	-1,00	1,71	0,0060	0,9980	1,0000
*	orf19.25	TRM10		-1,15	-1,05	-1,14	-1,09	1,41	0,0000	0,4610	1,0000
*	orf19.2179	ARN1	iron-siderophore transporter	1,10	2,21	2,38	1,08	3,75	0,0000	0,9980	0,0630
*	orf19.2178	MRS4	RNA splicing protein and member of the mitoc	-1,07	1,02	1,36	-1,05	1,90	0,0020	0,9980	1,0000
*	orf19.2177		hypothetical protein	-1,01	1,03	1,44	1,04	1,70	0,0000	0,9980	1,0000
*	orf19.2909	ERG26	C-3 sterol dehydrogenase	-1,07	-1,08	-1,90	-1,12	-2,13	0,0000	0,9980	1,0000
*	orf19.5840		conserved hypothetical protein	-1,08	-1,02	-1,13	-1,07	-1,41	0,0010	0,9980	1,0000
*	orf19.6090	NSR1	nuclear localization sequence binding protein	1,09	1,01	2,03	-1,15	3,45	0,0000	0,9990	1,0000
*	orf19.397	MRPL28	mitochondrial ribosomal protein of the large su	-1,25	1,03	1,03	-1,12	1,69	0,0020	0,5550	1,0000
*	orf19.388	CAF16	CCR4/NOT transcription regulation complex as	-1,11	-1,21	-1,41	1,06	-2,35	0,0070	0,9980	1,0000
*	orf19.2008		eIF-2B translation initiation factor	-1,04	1,05	1,12	-1,00	1,41	0,0040	0,9980	1,0000

			x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	pvalue	pvalue	pvalue	
			condition1	condition2	condition3	condition4	condition5	multiclass	control vers. condition1	control vers. condition2	
	ORF19	Sugg.Name	Product	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD+Cu	WT_YPD+BCS	
*	orf19.1415	FRE10	ferric reductase	1,10	1,00	3,71	1,35	4,96	0,0000	0,9980	1,0000
*	orf19.1545	MRPS8	mitochondrial ribosome protein, small subunit	-1,16	1,10	1,04	-1,10	1,57	0,0010	0,9390	1,0000
*	orf19.1633	UTP4	U3 snoRNP protein	-1,10	1,02	1,07	-1,08	1,65	0,0000	0,9980	1,0000
*	orf19.3442	OYE3	NADPH dehydrogenase	-1,05	-1,32	-1,16	-1,06	-1,74	0,0000	0,9980	0,0330
*	orf19.6640	TPS1	trehalose-6-phosphate synthase	1,09	-1,20	-1,41	1,05	-2,36	0,0020	0,9980	1,0000
*	orf19.2769		hypothetical protein	1,02	-1,94	-1,53	-1,06	-2,23	0,0010	0,9980	0,0630
*	orf19.4532		conserved hypothetical protein	-1,07	1,03	1,35	-1,01	1,79	0,0000	0,9980	1,0000
*	orf19.813		hypothetical protein	1,06	1,06	1,36	1,02	2,09	0,0000	0,9980	1,0000
*	orf19.542	HXK2	hexokinase II	-1,24	-1,25	-1,97	-1,06	-2,50	0,0000	0,9980	0,8570
*	orf19.6691	ERC1	ethionine resistance protein	-1,05	-1,03	-1,02	1,01	1,44	0,0010	0,9980	1,0000
*	orf19.4099	ECM17	extracellular sulfite reductase	1,60	1,18	-3,25	1,18	-5,02	0,0000	0,9980	1,0000
*	orf19.4082	DDR48	flocculent specific protein | contains NNDDNSY	1,29	1,82	-1,50	1,19	-2,11	0,0000	0,9980	0,0140
*	orf19.5653	ATP2	F1F0-ATPase complex, F1 beta subunit	1,10	1,13	1,71	1,15	2,98	0,0030	0,9980	1,0000
*	orf19.5673	OPT7	oligopeptide transporter protein	1,72	-1,11	-4,31	1,85	-7,19	0,0000	0,4740	1,0000
*	orf19.3097	PDA1	alpha subunit of pyruvate dehydrogenase	1,44	1,47	1,98	1,23	2,60	0,0000	0,9980	0,6120
*	orf19.5178	ERG5	cytochrome P450	-1,11	1,06	-2,30	-1,03	-2,43	0,0000	0,9980	1,0000
*	orf19.5161	MRPL49	mitochondrial ribosomal protein of the large subunit	-1,21	1,02	1,12	-1,07	1,56	0,0020	0,9240	1,0000
*	orf19.6852		conserved hypothetical protein	-1,10	-1,01	-1,33	-1,13	-1,44	0,0000	0,9980	1,0000
*	orf19.6854	ATP1	F1F0-ATPase complex, F1 alpha subunit	1,04	1,02	1,56	1,10	2,05	0,0010	0,9980	1,0000
*	orf19.6862		conserved hypothetical protein	-1,08	1,06	-1,05	1,02	1,52	0,0070	0,9980	1,0000
*	orf19.1886	RCL1	RNA 3'-terminal phosphate cyclase	-1,16	1,04	-1,02	-1,05	1,81	0,0000	0,5130	1,0000
*	orf19.501	NOP2	nucleolar RNA methyltransferase	-1,03	1,10	1,42	1,08	2,06	0,0000	0,9980	1,0000
*	orf19.489	DAP1	putative sterol-binding protein	-1,16	-1,17	-2,16	-1,12	-2,60	0,0000	0,9980	1,0000
*	orf19.6882	OSM1	fumarate reductase flavoprotein subunit	-1,08	-1,12	-2,30	-1,06	-5,35	0,0000	0,9980	1,0000
*	orf19.3300	ZPR1	nucleolar zinc-finger protein	1,01	1,05	1,21	1,05	1,57	0,0000	0,9980	1,0000
*	orf19.2859	SRP40	nonribosomal protein of the nucleolus and coil	-1,02	-1,05	-1,00	-1,10	1,78	0,0030	0,9980	1,0000
*	orf19.4826	IDH1	mitochondrial isocitrate dehydrogenase 1	1,23	1,24	2,40	1,20	3,06	0,0000	0,9980	1,0000
*	orf19.2076		conserved hypothetical protein	-1,20	-1,08	-1,59	-1,13	-2,04	0,0000	0,9980	1,0000
*	orf19.2062	SOD4	Cu/Zn superoxide dismutase	-1,01	1,60	11,56	1,03	15,47	0,0000	0,9980	1,0000
*	orf19.3822		inositolphosphorylceramide-B C-26 hydroxylase	-1,17	-1,01	-1,74	1,01	-3,41	0,0000	0,9980	1,0000
*	orf19.6041	RPO41	mitochondrial DNA-directed RNA polymerase	-1,22	1,07	1,15	-1,19	2,05	0,0010	0,9980	1,0000
*	orf19.6047	TUF1	mitochondrial translation elongation factor TU	-1,10	1,22	1,74	-1,05	2,50	0,0000	0,9980	1,0000
*	orf19.6058	GLO1	glyoxalase I	1,03	1,01	-1,11	1,04	-1,33	0,0040	0,9980	1,0000
*	orf19.6062		conserved hypothetical protein	-1,20	-1,02	1,23	1,10	1,61	0,0030	0,9980	1,0000
*	orf19.6073	HMX1	heme binding protein	1,65	1,98	2,24	1,28	3,40	0,0000	0,0700	0,0030
*	orf19.3051		conserved hypothetical protein	-1,04	1,10	-1,98	1,13	-2,47	0,0010	0,9980	1,0000
*	orf19.3064	MRPL27	mitochondrial ribosome protein L27	-1,21	1,10	1,20	-1,15	2,16	0,0030	0,9980	1,0000
*	orf19.6417	TSR1	conserved protein possibly involved in ribosome	-1,19	1,02	1,32	-1,14	2,68	0,0000	0,9980	1,0000
*	orf19.4617	MAK3	N-acetyltransferase	-1,28	-1,36	-1,73	-1,31	-2,64	0,0000	0,9980	0,9000
*	orf19.4618	FBA1	fructose-bisphosphate aldolase	-1,04	-1,03	-1,40	-1,07	-1,97	0,0050	0,9980	1,0000
*	orf19.7021	GPH1	glycogen phosphorylase	1,14	1,04	-1,41	1,08	-2,09	0,0090	0,9980	1,0000
*	orf19.5025	MET3	ATP sulfurylase, Amino acid metabolism	1,67	1,03	-1,90	1,42	-2,22	0,0000	0,3190	1,0000

			x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	pvalue	pvalue	pvalue	
			condition1	condition2	condition3	condition4	condition5	multiclass	control vers. condition1	control vers. condition2	
	ORF19	Sugg.Name	Product	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD+Cu	WT_YPD+BCS	
*	orf19.7160	YAR1	ankyrin repeat-containing protein	-1,04	1,05	1,35	1,08	1,70	0,0040	0,9980	1,0000
*	orf19.7221	SET3	histone deacetylase complex	1,02	1,01	-1,79	1,09	-1,67	0,0000	0,9980	1,0000
*	orf19.7251	WSC4	cell wall integrity and stress response component	1,14	1,20	1,16	1,05	-1,64	0,0020	0,9980	1,0000
*	orf19.946	MET14	adenylylsulfate kinase	-1,01	-1,12	-2,49	-1,08	-2,41	0,0000	0,9980	1,0000
*	orf19.3268		translationally controlled tumor protein	-1,07	-1,31	1,18	-1,14	1,71	0,0000	0,9980	0,4200
*	orf19.7306		conserved hypothetical protein	1,03	1,12	1,65	1,04	1,50	0,0000	0,9980	1,0000
*	orf19.7314	CDG1	cysteine dioxygenase	-1,02	1,15	2,89	1,01	2,74	0,0000	0,9980	1,0000
*	orf19.7114	CSA1	mycelial surface antigen	1,01	1,03	8,18	1,04	6,80	0,0000	0,9980	1,0000
*	orf19.7404	CHA1	L-serine/L-threonine deaminase | catabolic serine	-1,16	-1,18	-1,24	-1,12	-1,59	0,0020	0,9980	1,0000
*	orf19.7422	LCP5	nucleolar protein required for ribosomal RNA processing	1,00	1,17	1,39	1,04	2,10	0,0000	0,9980	0,1310
*	orf19.2124		putative dehydrogenase	1,02	-1,04	-1,22	-1,05	-1,32	0,0020	0,9980	1,0000
*	orf19.5437	GPP1	DL-glycerol-3-phosphatase	1,08	-1,39	-1,02	-1,20	-1,77	0,0050	0,9980	1,0000
*	orf19.6828	RRP1	protein Involved in processing rRNA precursors	-1,09	1,06	1,28	-1,07	2,98	0,0050	0,9980	1,0000
*	orf19.6754		hypothetical protein	-1,11	1,03	-1,18	-1,06	-1,29	0,0000	0,9240	1,0000
*	orf19.7567		conserved hypothetical protein	1,17	-1,10	-1,33	1,18	-2,48	0,0020	0,9980	1,0000
*	orf19.7569	SIK1	nucleolar protein involved in pre- rRNA processing	-1,13	-1,05	2,01	-1,20	2,89	0,0000	0,9980	1,0000
*	orf19.7577	MSS51	protein involved in maturation of COX1 and COX2	-1,24	-1,01	1,04	-1,15	1,51	0,0000	0,7610	1,0000
*	orf19.7599		conserved hypothetical protein	-1,09	1,00	1,09	-1,06	1,86	0,0000	0,9980	1,0000
*	orf19.7675	MRPL25	mitochondrial ribosomal protein MRPL25	-1,01	1,12	-1,85	1,03	-2,88	0,0000	0,9980	1,0000
*	orf19.5991	DBP10	ATP dependent RNA helicase	-1,05	1,07	1,36	-1,02	2,20	0,0040	0,9980	1,0000
*	orf19.5906	ADE2	phosphoribosylamino-imidazole-carboxylase | purine	1,07	-1,03	1,14	1,08	1,95	0,0000	0,9980	1,0000
*	orf19.238	CCP1	cytochrome-c peroxidase	1,31	-1,05	-2,15	1,15	-3,76	0,0000	0,9980	1,0000
*	orf19.922	ERG11	cytochrome P450 lanosterol 14a-demethylase	-1,59	-1,34	-3,74	-1,44	-5,13	0,0000	0,9980	1,0000
*	orf19.2618	MET2	homoserine O- acetyltransferase	1,25	-1,03	-2,25	1,16	-2,28	0,0010	0,9980	1,0000
*	orf19.3370	UBP10	ubiquitin-specific protease	-1,15	-1,06	-1,17	-1,10	1,33	0,0080	0,9980	1,0000
*	orf19.2525	LYS12	homo- isocitrate dehydrogenase	-1,17	-1,41	-2,74	-1,09	-2,59	0,0010	0,9980	1,0000
*	orf19.2270	SMF1	manganese transporter	1,11	1,87	2,07	1,17	2,55	0,0020	0,9980	0,6860
*	orf19.3406		highly conserved hypothetical protein	1,26	1,06	1,33	1,11	1,47	0,0010	0,6270	1,0000
*	orf19.585	MRPL17	mitochondrial ribosomal protein of the large subunit	-1,18	-1,01	1,04	-1,13	1,35	0,0040	0,5130	1,0000
*	orf19.24	RTA2	putative transporter or flippase transmembrane protein	1,06	1,09	1,93	1,17	1,95	0,0010	0,9980	1,0000
*	orf19.6451	POL99	pol polyprotein	1,06	1,06	-2,24	-1,12	-2,74	0,0050	0,9980	1,0000
*	orf19.4176	MRPS17	mitochondrial ribosomal protein of the small subunit	-1,32	1,00	-1,05	-1,19	1,53	0,0030	0,5210	1,0000
*	orf19.3419	MAE1	mitochondrial malate dehydrogenase	1,11	-1,13	2,22	1,25	2,12	0,0010	0,9980	1,0000
*	orf19.6090	NSR1	nuclear localization sequence binding protein	-1,01	-1,09	1,52	-1,06	2,24	0,0080	0,9980	1,0000
*	orf19.6086	LEU4	2-isopropylmalate synthase	-1,19	-1,32	-1,57	1,02	-1,94	0,0020	0,9980	1,0000
*	orf19.1889		similar to phosphoglycerate mutase	-1,30	-1,31	-1,64	-1,27	-1,84	0,0010	0,9980	1,0000
*	orf19.6872		similar to anthranilate synthase component II	1,06	1,04	-1,24	1,06	-1,47	0,0100	0,9980	1,0000
*	orf19.4844	AIR1	arginine methyltransferase-interacting RING finger protein	-1,13	-1,04	-1,07	-1,06	1,22	0,0020	0,5080	1,0000
*	orf19.3811	GYP1	GTPase activating protein	-1,04	-1,05	-1,48	-1,06	-2,07	0,0050	0,9980	1,0000
*	orf19.6565	OXA1	cytochrome oxidase biogenesis protein	-1,35	1,11	1,10	-1,15	1,92	0,0080	0,9640	1,0000
*	orf19.5323	MDH3	mitochondrial malate dehydrogenase	-1,24	-1,21	-1,06	-1,14	-1,40	0,0020	0,5130	1,0000
*	orf19.6814	TDH3	GLYCERALDEHYDE 3- PHOSPHATE DEHYDROGENASE	1,08	1,10	-1,30	-1,06	-1,56	0,0090	0,9980	1,0000

			x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	x-fold regulation	pvalue	pvalue	pvalue	
			condition1	condition2	condition3	condition4	condition5	multiclass	control vers. condition1	control vers. condition2	
	ORF19	Sugg.Name	Product	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD+Cu	WT_YPD+BCS	
*	orf19.406	ERG1	squalene epoxidase(monooxygenase), erosterol	-1,27	-1,15	-2,58	-1,35	-4,11	0,0090	0,9980	1,0000
*	orf19.2599	CRC1	mitochondrial carnitine transporter	1,05	1,17	1,13	1,09	1,35	0,0080	0,9980	1,0000
*	orf19.2261	HSH49	spliceosome-associated essential protein	-1,57	-1,39	-2,09	-1,60	-2,93	0,0090	0,9980	1,0000
*	orf19.7478	COQ1	hexaprenyl pyrophosphate synthetase	-1,21	-1,00	1,10	-1,19	1,34	0,0080	0,8520	1,0000
*	orf19.6078		conserved hypothetical protein	-1,34	2,26	1,09	-1,09	-2,44	0,0080	0,9980	0,2150
*	orf19.1802		conserved hypothetical protein	-1,41	-1,32	-1,76	-1,37	-2,18	0,0040	0,9980	1,0000
*	orf19.2584	OPT9	oligopeptide transporter specific for tetra- and	1,04	-1,47	-1,15	1,20	1,36	0,0000	0,9980	0,0050
*	orf19.6660		unknown protein	1,37	1,44	2,28	1,55	-1,55	0,0000	0,7610	0,2500
*	orf19.5170	ENA2	P-type ATPase involved in Na+ efflux	1,11	1,12	1,44	1,06	1,50	0,0060	0,9980	1,0000
*	orf19.7152		cysteine synthase	1,03	1,03	-1,46	-1,06	-1,49	0,0060	0,9980	1,0000
*	orf19.5645	MET15	O-acetylhomoserine sulfhydrylase	1,41	1,02	-2,55	1,37	-2,84	0,0050	0,9980	1,0000
*	orf19.4631	ERG252	C-4 sterol methyl oxidase | membrane-bound r	-1,41	-1,24	-1,48	-1,38	-1,62	0,0030	0,7610	1,0000
*	orf19.5636	RBT5	repressed by TUP1 protein 5	1,41	1,55	3,58	1,68	3,23	0,0030	0,9980	1,0000
*	orf19.5710	NSP2	nuclear pore protein	1,14	1,23	2,14	1,16	1,91	0,0040	0,9980	1,0000
*	orf19.579	FOL1	dihydroneopterin aldolase, dihydro-6-hydroxym	-1,07	1,24	1,03	1,03	1,22	0,0070	0,9980	0,0640
*	orf19.4602	MDH1	mitochondrial malate dehydrogenase	1,44	1,49	1,54	1,65	1,88	0,0040	0,9980	1,0000
*	orf19.562		hypothetical protein	-1,22	-1,06	1,49	-1,12	1,59	0,0070	0,9980	1,0000
*	orf19.689	PLB6	lysophospholipase B	-1,06	1,76	-3,27	1,06	-2,56	0,0030	0,9980	1,0000
*	orf19.1559	HOM2	aspartate-semialdehyde dehydrogenase | threo	1,08	-1,10	-1,33	-1,05	-1,31	0,0100	0,9980	1,0000
*	orf19.6751	TRM7	tRNA methyltransferase	-1,29	-1,01	-1,04	-1,15	1,25	0,0100	0,4260	1,0000
*	orf19.326		conserved hypothetical protein	1,05	1,30	1,27	1,16	1,31	0,0060	0,9980	0,3690
*	orf19.6860	PIS1	phosphatidylinositol synthase	-1,04	-1,05	-1,33	-1,04	-1,24	0,0090	0,9980	1,0000
*	orf19.2623		hypothetical zinc finger protein	1,10	1,07	1,26	1,13	1,19	0,0030	0,9980	1,0000
*	orf19.6078		conserved hypothetical protein	-1,20	6,61	-1,40	-1,17	-1,57	0,0000	0,9980	0,0000
*	orf19.5159		conserved hypothetical protein	1,27	1,04	1,32	1,33	-1,16	0,0040	0,5210	1,0000
*	orf19.1995	MNN5	alpha-1,2- mannosyltransferase	-1,00	1,70	-1,01	1,07	-1,24	0,0090	0,9980	0,0110
*	orf19.2414	MPM1	mitochondrial membrane protein	1,19	1,38	1,77	1,38	1,23	0,0010	0,9980	0,8980
*	orf19.5365		conserved hypothetical protein	-1,14	-1,02	-1,23	-1,10	1,09	0,0040	0,5550	1,0000
*	orf19.1064	ACS2	acetyl-coenzyme A synthetase	1,18	1,30	-1,04	1,31	1,13	0,0090	0,7610	0,2340
*	orf19.7085		hypothetical protein	1,79	1,75	2,15	2,28	-1,14	0,0050	0,9980	1,0000
*	orf19.3646	CTR1	copper transport protein	-1,12	21,54	-1,25	-1,26	-1,23	0,0000	0,9980	0,0000
*	orf19.3661	UBP16	putative deubiquitinating enzyme	1,22	-1,00	1,51	1,18	-1,03	0,0030	0,7970	1,0000
*	orf19.2942	DIP52	dicarboxylic amino acid permease	-1,39	-1,17	-1,51	-1,22	-1,00	0,0030	0,3190	1,0000

	pvalue	pvalue	pvalue	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data
	control vers. condition3	control vers. condition4	control vers. condition5	)	condition1	condition2	condition3	condition4	condition5
ORF19	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS
orf19.1091	1,0000	1,0000	0,0000	106508	100221	108174	116762	96267	227400
orf19.4777	0,5310	1,0000	0,0000	1164346	1002554	1138558	849448	984485	340229
orf19.1124.2	0,3560	1,0000	0,0000	138718	135559	140930	164424	135822	235767
orf19.1862	1,0000	1,0000	0,0000	928381	1205778	1016999	777429	1000687	145343
orf19.1930	0,0010	1,0000	0,0000	66930	66744	66998	119307	65265	251639
orf19.2520	0,9770	1,0000	0,0000	337313	246206	314026	408008	241063	735879
orf19.2451	0,0000	1,0000	0,0000	1154882	1179719	1089610	319652	1220789	251123
orf19.2803	0,0000	1,0000	0,0000	2253120	1634263	1360408	570747	1820113	270977
orf19.5705	0,1790	1,0000	0,0000	140910	134514	153780	160435	138401	186332
orf19.6234	1,0000	1,0000	0,0000	180883	160584	185694	188960	166060	342124
orf19.3559	1,0000	1,0000	0,0000	258620	200604	247284	274722	207668	470489
orf19.1162	0,0000	1,0000	0,0000	456080	460756	397824	304603	435710	228442
orf19.1815	0,0190	1,0000	0,0000	358068	365968	339398	579802	377057	908574
orf19.4697	0,0000	1,0000	0,0000	156590	177340	182443	341781	157503	318987
orf19.706	0,3270	1,0000	0,0000	189114	191859	204426	240797	190173	460667
orf19.710	0,0000	1,0000	0,0000	507646	612901	693390	934954	584371	1038091
orf19.4216	0,2310	1,0000	0,0000	1441274	1694243	2360422	836456	1589401	398408
orf19.3393	1,0000	1,0000	0,0000	177509	151277	162981	191538	156396	402820
orf19.2826	0,4410	1,0000	0,0000	218140	221773	210136	179800	225997	152893
orf19.4777	0,0410	1,0000	0,0000	903305	773119	698562	578528	742538	263152
orf19.3357	1,0000	1,0000	0,0000	251162	219002	255755	266870	205361	444786
orf19.3515	0,0130	1,0000	0,0000	299612	285861	271554	207014	295295	161573
orf19.1052	0,6240	1,0000	0,0000	442468	413643	643167	506949	534218	693759
orf19.6257	0,0330	1,0000	0,0000	235940	214846	201435	174060	221239	123174
orf19.1646	0,0050	1,0000	0,0000	269418	262574	320412	485961	271205	874286
orf19.4639.1	0,1330	1,0000	0,0000	115420	102150	117984	144912	119473	192942
orf19.5230	1,0000	1,0000	0,0000	240564	198784	243633	259174	188651	381137
orf19.2711	1,0000	1,0000	0,0000	164042	136827	164931	184894	158583	255414
orf19.4216	0,0890	1,0000	0,0000	1807215	2212479	2662246	914835	1616328	476987
orf19.171	1,0000	1,0000	0,0000	157810	137855	144381	149800	149443	280227
orf19.172	1,0000	1,0000	0,0000	152682	126135	148043	151393	132396	284986
orf19.1206	0,0000	1,0000	0,0000	202013	235599	204207	1756056	326428	1956911
orf19.1654	0,5470	1,0000	0,0000	397610	412825	359388	362476	394670	233494
orf19.1030	0,0040	1,0000	0,0000	136074	147833	148360	327514	139665	454009
orf19.3941	0,0000	1,0000	0,0000	398430	393067	408111	772225	380506	1038568
orf19.4328	0,0000	1,0000	0,0000	106152	97761	110249	220713	103348	328442
orf19.2525	0,0050	1,0000	0,0000	1507098	1193277	1013290	569558	1295897	427626
orf19.133	0,0000	1,0000	0,0000	269623	254299	257472	905014	216693	981124
orf19.863	0,4900	1,0000	0,0000	148244	117992	146756	168596	131890	243288
orf19.2278	0,0000	1,0000	0,0000	600956	632003	589458	276123	597745	202319

	pvalue	pvalue	pvalue	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data
	control vers. condition3	control vers. condition4	control vers. condition5	)	condition1	condition2	condition3	condition4	condition5
ORF19	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS
orf19.2438	1,0000	1,0000	0,0000	327544	246383	341933	338620	272835	550566
orf19.3089	1,0000	1,0000	0,0000	252611	238415	288931	228549	247555	413881
orf19.5288	0,4000	1,0000	0,0000	186415	187771	153775	126606	179908	63584
orf19.2386	1,0000	1,0000	0,0000	143884	134072	148884	138537	137168	259194
orf19.5299	1,0000	1,0000	0,0000	116338	101616	107560	122863	110604	222294
orf19.4255	0,0010	1,0000	0,0000	265394	207123	261805	113389	235899	130324
orf19.4747	0,0000	1,0000	0,0000	363637	282265	286219	168459	287154	125323
orf19.1957	0,0650	1,0000	0,0000	130117	130685	144731	149135	134285	231026
orf19.1691	0,0000	1,0000	0,0000	438642	284122	326335	85975	332601	61011
orf19.3753	0,0020	1,0000	0,0000	232222	207122	295257	420644	226456	803777
orf19.4416	0,4850	1,0000	0,0000	182311	174390	176190	170532	168549	147913
orf19.1839	0,1120	1,0000	0,0000	168783	151445	192570	267738	157293	360493
orf19.2608	0,0170	1,0000	0,0000	662683	695023	856228	283912	796259	134017
orf19.4479	0,1010	1,0000	0,0000	141195	124527	147089	219878	138097	381006
orf19.4477	0,0000	1,0000	0,0000	1017836	1029981	1244038	469472	908930	344130
orf19.5634	0,0020	1,0000	0,0000	146559	153905	169761	414153	195827	606836
orf19.5636	0,0000	1,0000	0,0000	474315	1109393	1578534	13329797	1671913	14106362
orf19.58	0,3940	1,0000	0,0000	288341	290574	303016	368355	283924	618604
orf19.4306	0,2770	1,0000	0,0000	193892	186622	202501	208646	186349	274530
orf19.3553	0,4000	1,0000	0,0000	175122	150355	170530	265112	157107	437843
orf19.3547	0,0000	1,0000	0,0000	174423	172084	186498	292724	174506	488718
orf19.2998	0,6030	1,0000	0,0000	142532	114791	139792	155634	131738	319152
orf19.5847	0,0890	1,0000	0,0000	146822	132670	149394	179067	145011	250249
orf19.1966	1,0000	1,0000	0,0000	104949	89509	102905	96642	93929	160543
orf19.5854	0,0480	1,0000	0,0000	311294	291824	278061	228667	254598	190927
orf19.4802	0,0000	1,0000	0,0000	95413	106653	102445	299299	111986	309750
orf19.6154	1,0000	1,0000	0,0000	202920	201495	191721	205239	188655	161751
orf19.1395	1,0000	1,0000	0,0000	272544	389204	386317	286622	402478	105029
orf19.3749	0,0080	1,0000	0,0000	160562	187871	150157	103065	210368	80877
orf19.3579	0,0350	1,0000	0,0000	233346	274167	253978	362870	235636	448778
orf19.3138	0,0160	1,0000	0,0000	221863	191658	220362	314166	220792	561956
orf19.2256	0,7080	1,0000	0,0000	235469	234666	245370	266497	234324	401622
orf19.25	0,0100	1,0000	0,0000	177924	154972	170042	155894	163386	251365
orf19.2179	0,0050	1,0000	0,0000	124392	136472	1274856	296479	134908	466367
orf19.2178	0,2010	1,0000	0,0000	157614	147650	160085	214618	149648	299791
orf19.2177	0,0010	1,0000	0,0000	97061	95807	99581	139416	100526	165251
orf19.2909	0,0000	1,0000	0,0000	688954	641555	638292	363438	614704	323406
orf19.5840	0,1470	1,0000	0,0000	206150	190743	201876	182795	192202	146480
orf19.6090	0,0030	1,0000	0,0000	186271	202928	187890	377335	162225	643250
orf19.397	1,0000	1,0000	0,0000	250754	200560	258480	259085	223226	423394
orf19.388	0,7130	1,0000	0,0000	484081	434521	401559	343904	515009	206051
orf19.2008	0,4060	1,0000	0,0000	143619	137644	150636	161370	143252	202573

	pvalue	pvalue	pvalue	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data
	control vers. condition3	control vers. condition4	control vers. condition5	)	condition1	condition2	condition3	condition4	condition5
ORF19	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS
orf19.1415	0,0000	1,0000	0,0000	93423	103231	93878	346676	126485	463244
orf19.1545	1,0000	1,0000	0,0000	132214	113752	145344	136952	119901	208212
orf19.1633	0,9670	1,0000	0,0000	98339	89045	100177	104815	91033	162685
orf19.3442	0,1190	1,0000	0,0000	295836	281408	224332	255873	279222	169781
orf19.6640	0,4290	1,0000	0,0000	376363	410681	314221	267541	394921	159372
orf19.2769	0,1270	1,0000	0,0000	413920	420675	213068	269808	389920	185236
orf19.4532	0,0100	1,0000	0,0000	334720	312130	343459	453118	331739	600639
orf19.813	0,0580	1,0000	0,0000	99883	106116	106168	135436	101559	208495
orf19.542	0,0000	1,0000	0,0000	2510294	2029968	2001928	1276774	2371454	1003421
orf19.6691	1,0000	1,0000	0,0000	114028	108534	111080	111967	115456	164602
orf19.4099	0,0030	1,0000	0,0000	692781	1109961	814892	213246	818526	137998
orf19.4082	0,0260	1,0000	0,0000	293178	379226	534905	196021	348337	138853
orf19.5653	0,1350	1,0000	0,0000	1908034	2102491	2164147	3261299	2197206	5689699
orf19.5673	0,0000	1,0000	0,0000	469580	808173	423094	109001	866581	65335
orf19.3097	0,0040	1,0000	0,0000	1337515	1929227	1972210	2653529	1646516	3483938
orf19.5178	0,0000	1,0000	0,0000	847938	765864	900402	369261	820141	348956
orf19.5161	0,9120	1,0000	0,0000	147645	121569	150439	164676	138506	230958
orf19.6852	0,0060	1,0000	0,0000	389585	352772	385902	293836	345612	271034
orf19.6854	0,0220	1,0000	0,0000	254378	263438	259844	396939	278818	520907
orf19.6862	1,0000	1,0000	0,0000	117486	109073	124412	111768	120379	178848
orf19.1886	1,0000	1,0000	0,0000	177235	153411	183733	173602	168934	321343
orf19.501	0,0040	1,0000	0,0000	104568	101158	114641	148025	112687	215009
orf19.489	0,0010	1,0000	0,0000	288099	248618	246910	133154	257521	110895
orf19.6882	0,0070	1,0000	0,0000	6042354	5598404	5410626	2624005	5712591	1129846
orf19.3300	0,0020	1,0000	0,0000	112768	114408	117896	136349	118536	177447
orf19.2859	1,0000	1,0000	0,0000	117954	116014	112165	117375	107120	209531
orf19.4826	0,0000	1,0000	0,0000	411839	506132	511056	986977	494430	1259952
orf19.2076	0,0060	1,0000	0,0000	186748	156106	173249	117605	165395	91329
orf19.2062	0,0000	1,0000	0,0000	70876	70375	113141	819640	73263	1096429
orf19.3822	0,0370	1,0000	0,0000	1688919	1440626	1678476	970978	1698049	495987
orf19.6041	0,9020	1,0000	0,0000	254095	207477	271956	291042	213157	521864
orf19.6047	0,0040	1,0000	0,0000	304753	276769	370905	531614	289477	761705
orf19.6058	0,2010	1,0000	0,0000	356641	366449	358733	322026	372102	267556
orf19.6062	0,0850	1,0000	0,0000	596355	497808	585108	736303	656971	961335
orf19.6073	0,0000	1,0000	0,0000	201640	332526	399448	450796	257855	685310
orf19.3051	0,0080	1,0000	0,0000	403103	389156	442371	203176	456858	163214
orf19.3064	0,7130	1,0000	0,0000	1121061	927210	1238234	1348443	972241	2423236
orf19.6417	0,2050	1,0000	0,0000	369106	309775	377218	487542	324409	988697
orf19.4617	0,0340	1,0000	0,0000	345554	269086	254852	199852	263342	131098
orf19.4618	0,2990	1,0000	0,0000	3513246	3375007	3419595	2515897	3293323	1779577
orf19.7021	0,4060	1,0000	0,0000	195335	223422	203219	138574	211014	93459
orf19.5025	0,0010	1,0000	0,0000	159070	265760	163703	83581	226415	71730

	pvalue	pvalue	pvalue	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data
	control vers. condition3	control vers. condition4	control vers. condition5	)	condition1	condition2	condition3	condition4	condition5
ORF19	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS
orf19.7160	0,1180	1,0000	0,0000	128849	123332	134915	174520	139002	219682
orf19.7221	0,0000	1,0000	0,0000	158300	161753	160629	88430	172313	94636
orf19.7251	0,7360	1,0000	0,0000	406896	463613	490247	471913	425896	248535
orf19.946	0,0000	1,0000	0,0000	196044	194743	174956	78714	181545	81402
orf19.3268	0,4650	1,0000	0,0000	3779021	3535814	2883357	4465049	3321576	6471716
orf19.7306	0,0000	1,0000	0,0000	100257	103743	111929	165085	103975	150021
orf19.7314	0,0000	1,0000	0,0000	85423	83438	98574	246992	86439	234136
orf19.7114	0,0000	1,0000	0,0000	81811	82809	83875	669303	85201	556395
orf19.7404	0,1260	1,0000	0,0000	1018907	878703	863274	820456	910178	642703
orf19.7422	0,0000	1,0000	0,0000	98346	98745	115128	136794	102574	206598
orf19.2124	0,0300	1,0000	0,0000	193930	197054	186384	158857	185153	147080
orf19.5437	1,0000	1,0000	0,0000	4073486	4401385	2926071	3980235	3389919	2300266
orf19.6828	0,6940	1,0000	0,0000	101520	93386	107484	130273	95320	302478
orf19.6754	0,0090	1,0000	0,0000	217572	195603	225181	183991	205515	168594
orf19.7567	0,1540	1,0000	0,0000	381754	445915	345501	287365	452151	154208
orf19.7569	0,0040	1,0000	0,0000	593863	527289	563255	1193947	494512	1716044
orf19.7577	0,8740	1,0000	0,0000	274389	221976	271282	286052	237625	412980
orf19.7599	0,4540	1,0000	0,0000	136086	124777	136700	148772	128551	253177
orf19.7675	0,0010	1,0000	0,0000	2439578	2425041	2725872	1319380	2520459	848151
orf19.5991	0,5720	1,0000	0,0000	118468	113040	126192	160622	115813	260223
orf19.5906	0,5200	1,0000	0,0000	440110	469627	425351	501385	476819	857486
orf19.238	0,0140	1,0000	0,0000	256952	337181	243879	119468	294262	68292
orf19.922	0,0000	1,0000	0,0000	1875663	1180816	1401321	502079	1306235	365782
orf19.2618	0,0030	1,0000	0,0010	517148	645816	504441	230155	600448	226433
orf19.3370	0,5720	1,0000	0,0010	131432	114281	123673	112542	119650	174342
orf19.2525	0,0050	1,0000	0,0010	244803	209323	173184	89198	224390	94408
orf19.2270	0,0170	1,0000	0,0010	105614	117385	197922	218495	123807	269215
orf19.3406	0,0270	1,0000	0,0010	226639	286272	239409	301645	252556	333507
orf19.585	1,0000	1,0000	0,0010	121908	103115	120468	126801	107575	164674
orf19.24	0,0050	1,0000	0,0010	169214	179888	183683	325756	198140	330520
orf19.6451	0,0280	1,0000	0,0010	565174	601068	598825	252700	505322	206177
orf19.4176	1,0000	1,0000	0,0010	224415	169497	225165	213893	188396	344026
orf19.3419	0,0040	1,0000	0,0010	318308	353808	281573	706083	398186	674461
orf19.6090	0,1470	1,0000	0,0010	123182	122297	113214	187529	116617	275865
orf19.6086	0,0320	1,0000	0,0010	387328	325696	294046	246971	395917	199565
orf19.1889	0,0800	1,0000	0,0010	636320	489765	486832	388473	502289	344915
orf19.6872	0,1540	1,0000	0,0010	285666	303961	298500	229917	302849	194739
orf19.4844	0,4260	1,0000	0,0010	141751	125946	136100	132260	133413	173263
orf19.3811	0,0600	1,0000	0,0010	290190	278066	276916	196021	272892	139855
orf19.6565	0,9590	1,0000	0,0010	187323	139088	207422	206413	163041	360389
orf19.5323	1,0000	1,0000	0,0010	193252	155445	160299	183038	169364	138530
orf19.6814	0,3620	1,0000	0,0010	1663742	1796662	1834137	1283482	1571187	1064934

	pvalue	pvalue	pvalue	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data	median_fitted_data
	control vers. condition3	control vers. condition4	control vers. condition5	)	condition1	condition2	condition3	condition4	condition5
ORF19	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS	WT_YPD	WT_YPD+Cu	WT_YPD+BCS	dmac1_YPD	dmac1_YPD+Cu	dmac1_YPD+BCS
orf19.406	0,0890	1,0000	0,0020	431525	340154	375591	167405	319147	105088
orf19.2599	0,2160	1,0000	0,0020	137440	144735	160467	155188	150078	184935
orf19.2261	0,1820	1,0000	0,0020	693530	441993	500243	332101	432243	236609
orf19.7478	1,0000	1,0000	0,0020	215724	178349	215087	237404	180816	288685
orf19.6078	1,0000	1,0000	0,0030	362382	270305	817839	393633	333394	148382
orf19.1802	0,0620	1,0000	0,0030	468974	332520	354308	265719	341526	214845
orf19.2584	0,7080	1,0000	0,0030	298447	311091	203633	258924	357180	406567
orf19.6660	0,0000	0,6830	0,0030	429782	588972	620395	979289	668241	276647
orf19.5170	0,0320	1,0000	0,0030	148081	164289	166219	212719	156625	221698
orf19.7152	0,0150	1,0000	0,0030	246362	252648	254938	169185	231809	165575
orf19.5645	0,0130	1,0000	0,0040	326833	461249	334903	128100	448949	115248
orf19.4631	0,1970	1,0000	0,0050	3096498	2189999	2489540	2090968	2239003	1907491
orf19.5636	0,0090	1,0000	0,0050	851442	1201564	1321792	3047746	1427080	2752158
orf19.5710	0,0090	1,0000	0,0050	78729	89729	96836	168738	91191	150326
orf19.579	1,0000	1,0000	0,0070	155522	145757	193349	160245	160876	189932
orf19.4602	0,0650	1,0000	0,0090	936848	1348504	1391681	1441509	1545482	1765270
orf19.562	0,0200	1,0000	0,0090	279085	228657	264072	415580	248223	443381
orf19.689	0,0040	1,0000	0,0100	276654	262060	487341	84557	294305	108029
orf19.1559	0,0260	1,0000	0,0100	236601	255176	215996	177500	224871	180837
orf19.6751	0,8420	1,0000	0,0120	129405	100168	128601	124889	112226	162298
orf19.326	0,0660	1,0000	0,0210	127650	133994	165331	161750	147863	167428
orf19.6860	0,0060	1,0000	0,0290	181102	173457	173103	135777	174530	146634
orf19.2623	0,0050	1,0000	0,0430	294070	322251	313643	370693	333451	348520
orf19.6078	0,2070	1,0000	0,0510	109228	91177	721619	78215	93658	69560
orf19.5159	0,0510	1,0000	0,1140	277548	351281	287272	365594	369413	239848
orf19.1995	1,0000	1,0000	0,2540	150619	150068	256402	148616	161841	121581
orf19.2414	0,0010	1,0000	0,2750	241550	288429	334537	427315	333053	298140
orf19.5365	0,0040	1,0000	0,6100	191977	167915	188102	156703	173767	209502
orf19.1064	1,0000	1,0000	0,6170	2307170	2714237	2989516	2212321	3017130	2616230
orf19.7085	0,0210	1,0000	0,6600	253091	452381	443468	543264	578088	221913
orf19.3646	1,0000	1,0000	0,9280	101314	90531	2181826	81018	80575	82347
orf19.3661	0,0020	1,0000	0,9910	166867	203077	166685	251606	196817	161710
orf19.2942	0,0050	1,0000	0,9990	297772	214008	253470	196727	243958	297048