

Supplementary Table S4. Genes in which expression is increased at least 2-fold from wild-type expression in response to *SRR1* disruption

orf19 designation	Gene Name	Molecular function	Fold Changes (<i>SRR1</i> vs. Δ <i>srr1</i>)	
			Exp 1	Exp 2
orf19.5113	<i>ADH2</i>	alcohol dehydrogenase (NAD) activity	3.2	2.0
orf19.4679	<i>AGP2</i>	amino acid transmembrane transporter activity	2.5	2.3
orf19.6306		aldehyde dehydrogenase (NAD) activity	2.4	2.3
orf19.7513		catalytic activity	5.1	4.4
orf19.7512		catalytic activity	2.3	2.9
orf19.5741	<i>ALS1</i>	protein binding, cell adhesion molecule binding	3.2	13.0
orf19.7414	<i>ALS6</i>	cell adhesion molecule binding	2.2	2.4
orf19.2768	<i>AMS1</i>	alpha-mannosidase activity	4.7	5.1
orf19.4899	<i>GCA1</i>	amylase activity	2.3	3.3
orf19.4774	<i>AOX1</i>	alternative oxidase activity (IMP, ISS)	3.1	2.8
orf19.6322	<i>ARD</i>	L-arabinitol 2-dehydrogenase activity	2.4	2.3
orf19.7469	<i>ARG1</i>	argininosuccinate synthase activity	3.0	3.4
orf19.3771	<i>ARG8</i>	N2-acetyl-L-ornithine:2-oxoglutarate 5-aminotransferase activity	3.1	3.0
orf19.3122	<i>ARR3</i>	arsenite transmembrane transporter activity	2.0	3.0
orf19.1077	<i>ATM1</i>	ATP binding, ATPase activity	3.9	2.4
orf19.1945	<i>AUR1</i>	inositol phosphoceramide synthase activity	2.6	5.0
orf19.797	<i>BAT21</i>	branched-chain-amino-acid transaminase activity	2.4	2.8
orf19.2590		dethiobiotin synthase activity	7.8	2.1
orf19.6674	<i>BTS1</i>	farnesyltranstransferase activity	2.3	2.1
orf19.3298	<i>CCH1</i>	calcium channel activity	2.1	2.4
orf19.3545		protein kinase activity	4.1	6.0
orf19.1279	<i>CDS1</i>	phosphatidate cytidyltransferase activity	2.3	2.2
orf19.677	<i>CHO1</i>	CDP-diacylglycerol-serine O-phosphatidyltransferase activity	2.3	2.2
orf19.1960	<i>CLN3</i>	cyclin-dependent protein kinase regulator activity	2.6	5.7
orf19.4235	<i>PDE1</i>	3',5'-cyclic-AMP phosphodiesterase activity	3.1	4.7
orf19.4630	<i>CPA1</i>	contributes to carbamoyl-phosphate synthase (glutamine-hydrolyzing) activity	2.2	3.0
orf19.4610		Unknown	2.1	3.4
orf19.2706	<i>CRH11</i>	Unknown	2.1	2.1
orf19.6534.2		actin filament binding, microtubule binding	2.0	4.4
orf19.7680	<i>CTA26</i>	transcription activator activity	2.4	3.4
orf19.3682	<i>CWH8</i>	pyrophosphatase activity, dolichylidiphosphatase activity	2.5	3.2
orf19.3127	<i>CZF1</i>	DNA binding, transcription factor activity	2.4	2.9
orf19.4082	<i>DDR48</i>	Unknown	5.6	20.8
orf19.2075	<i>DFG5</i>	Unknown	2.7	2.7
orf19.5142	<i>DFR1</i>	dihydrofolate reductase activity	3.4	2.7
orf19.2943		amino acid transmembrane transporter activity	2.7	2.4
orf19.6043		D-lactate dehydrogenase (cytochrome) activity	2.6	2.5
orf19.6755		D-lactate dehydrogenase (cytochrome) activity	2.0	2.9
orf19.7207	<i>DOA4</i>	endopeptidase activity, ubiquitin thiolesterase activity	2.0	2.5
orf19.5417	<i>DOT5</i>	thioredoxin peroxidase activity	2.2	3.0
orf19.6459	<i>DPP3</i>	phosphatase activity	3.9	2.0
orf19.2680		phospholipid-translocating ATPase activity	2.3	3.4
orf19.5677	<i>DUR4</i>	urea transmembrane transporter activity	2.3	3.9
orf19.3234		NADPH dehydrogenase activity	2.2	2.3
orf19.4887	<i>ECM21</i>	ubiquitin protein ligase binding	3.5	3.6
orf19.2623		transcription factor activity, RNA polymerase II transcription factor activity	4.2	3.9
orf19.4255	<i>ECM331</i>	Unknown	5.2	6.6
orf19.6070	<i>ENA2</i>	potassium-transporting ATPase activity, sodium-exporting ATPase activity	2.2	2.6
orf19.6023		Unknown	2.7	3.3
orf19.2073		Unknown	2.1	2.4
orf19.460	<i>CEK2</i>	MAP kinase activity	2.2	3.3
orf19.5416		H4/H2 histone acetyltransferase activity	2.3	2.2
orf19.2952	<i>EXG2</i>	glucan 1,3-beta-glucosidase activity	3.7	3.1
orf19.4114	<i>FAA2-1</i>	long-chain-fatty-acid-CoA ligase activity	3.2	3.5
orf19.5951		fatty-acid synthase activity, 3-oxoacyl-[acyl-carrier-protein] reductase activity	3.2	3.0
orf19.638	<i>FDH1</i>	formate dehydrogenase activity	7.2	2.8
orf19.1117		formate dehydrogenase activity	2.8	2.0
orf19.943	<i>FET33</i>	ferroxidase activity	2.0	2.6
orf19.4589		amine oxidase activity	3.8	3.7
orf19.5634	<i>FRP1</i>	ferric-chelate reductase activity	2.0	2.5
orf19.6997		Unknown	2.4	2.5
orf19.3441	<i>FRP6</i>	Unknown	3.0	2.2
orf19.4802	<i>FTH1</i>	Unknown	2.3	2.0
orf19.6724.1	<i>FUM12</i>	fumarate hydratase activity	2.1	2.1
orf19.7053	<i>GAC1</i>	protein phosphatase type 1 regulator activity	5.4	5.7
orf19.3672	<i>GAL10</i>	UDP-glucose 4-epimerase activity, aldose 1-epimerase activity	2.0	2.4
orf19.3670	<i>GAL1</i>	galactokinase activity, transcription activator activity	2.1	2.2
orf19.6659	<i>GAP6</i>	Unknown	2.4	5.5
orf19.2192	<i>GDH2</i>	glutamate dehydrogenase activity	2.0	3.9
orf19.5622	<i>GLC3</i>	1,4-alpha-glucan branching enzyme activity	2.0	2.4
orf19.6285	<i>GLC7</i>	protein serine/threonine phosphatase activity	2.0	2.6
orf19.7434	<i>GLG2</i>	glycogenin glucosyltransferase activity	3.5	12.6
orf19.7566		amino acid transmembrane transporter activity	2.6	2.4
orf19.691	<i>GPD2</i>	glycerol-3-phosphate dehydrogenase (NAD+) activity	2.4	3.5
orf19.87	<i>GPX1</i>	glutathione peroxidase activity	9.0	2.7
orf19.3150	<i>GRE2</i>	oxidoreductase activity	5.5	4.9
orf19.2929	<i>GSC1</i>	1,3-beta-glucan synthase activity	2.2	2.5
orf19.6706	<i>GYP7</i>	Rab GTPase activator activity	3.8	2.2
orf19.4527	<i>HGT1</i>	glucose transmembrane transporter activity	3.4	7.2
orf19.3668	<i>HGT2</i>	glucose transmembrane transporter activity	2.0	2.5
orf19.183	<i>HIS3</i>	imidazoleglycerol-phosphate dehydratase activity	2.1	2.2
orf19.896	<i>CHK1</i>	two-component sensor activity, osmosensor activity	3.1	2.6
orf19.2517		drug transporter activity	4.9	2.4
orf19.719		ubiquitin-protein ligase activity	2.3	2.2
orf19.4526	<i>HSP30</i>	Unknown	2.5	6.1
orf19.2021	<i>HGT8</i>	glucose transmembrane transporter activity	3.7	4.4
orf19.2022		glucose transmembrane transporter activity	5.9	7.1
orf19.156	<i>FGR51</i>	Unknown	2.1	3.1
orf19.5619		Unknown	2.3	2.4
orf19.7550	<i>IFA14</i>	Unknown	8.1	6.1
orf19.996		adenylate cyclase activity	4.5	6.0
orf19.4507		Unknown	2.3	2.4
orf19.3919		cysteine-type endopeptidase activity	2.2	3.1
orf19.6353		Unknown	2.0	2.7
orf19.1326		Unknown	2.2	3.1
orf19.6690		Unknown	2.3	2.7

Fold Changes (SRR1 vs. Δsrr1)

orf19 designation	Gene Name	Molecular function	Δsrr1/Δsrr1	
			Exp 1	Exp 2
orf19.3749	IFC3	oligopeptide transporter activity	3.0	2.2
orf19.4477	CSH1	oxidoreductase activity, aryl-alcohol dehydrogenase activity	8.3	12.4
orf19.4476		aryl-alcohol dehydrogenase activity	30.9	92.9
orf19.629	IFD7	Unknown	2.8	3.8
orf19.7472	IFF4	Unknown	3.0	3.2
orf19.4072	IFF6	Unknown	2.7	3.7
orf19.6678		Unknown	3.8	2.4
orf19.2176	IFM3	Unknown	3.0	3.4
orf19.6037	ASM3	sphingomyelin phosphodiesterase activity	2.3	2.4
orf19.2462	PRN3	Unknown	3.1	2.1
orf19.7229		Unknown	2.7	2.3
orf19.7585	INO1	inositol-3-phosphate synthase activity	5.2	7.8
orf19.6126	KGD2	dihydropyrimidinase activity	2.4	2.7
orf19.4377	KRE1	Unknown	2.4	2.0
orf19.4432		protein serine/threonine kinase activity	2.3	3.1
orf19.5566		Unknown	2.7	2.9
orf19.3249	LAG1	protein transporter activity	5.4	4.7
orf19.1375	LEU42	2-isopropylmalate synthase activity	2.7	4.8
orf19.7320	LIP7	lipase activity	10.6	3.5
orf19.1789.1	LYS1	saccharopine dehydrogenase (NAD+, L-lysine-forming) activity	2.5	3.0
orf19.3981	MAL31	sugar transmembrane transporter activity	2.2	3.1
orf19.5599	MDL2	ATP binding, ATPase activity	2.0	2.6
orf19.2690		GTPase activity	2.4	2.1
orf19.3212	MID1	calcium channel activity	2.1	2.1
orf19.1010	MNT3	alpha-1,2-mannosyltransferase activity	3.9	2.6
orf19.479		Unknown	2.0	2.0
orf19.1149	MRF1	DNA binding	3.6	3.9
orf19.4478		aspartate-tRNA ligase activity	2.1	2.7
orf19.2665	MSN5	importin-alpha export receptor activity	2.0	2.4
orf19.2666		importin-alpha export receptor activity	3.1	6.2
orf19.2028	MXR1	peptide-methionine-(S)-S-oxide reductase activity	3.0	3.5
orf19.2156	NAG1	glucosamine-6-phosphate deaminase activity	2.7	2.0
orf19.2157	DAC1	N-acetylglucosamine-6-phosphate deacetylase activity	2.1	2.3
orf19.7242	NCR1	sphingolipid transporter activity	2.5	2.5
orf19.339	NDE1	transcription factor activity, NADH dehydrogenase activity	2.4	3.0
orf19.4657		contributes to phosphoprotein phosphatase activity	2.9	2.3
orf19.7150	NRG1	double-stranded DNA binding, transcription factor activity	2.0	2.0
orf19.6857		RNA binding, structural molecule activity	2.1	2.2
orf19.2769		endopeptidase inhibitor activity	2.6	2.3
orf19.7514	PCK1	phosphoenolpyruvate carboxykinase (ATP) activity	2.9	3.7
orf19.5662	PEP7	phosphatidylinositol 3-phosphate binding	2.6	3.0
orf19.3605		Unknown	4.4	2.4
orf19.4041		ubiquitin-protein ligase activity	3.2	2.8
orf19.2619	PHO113	acid phosphatase activity	2.7	2.1
orf19.5224		protein kinase activity	2.2	3.4
orf19.6594	PLB3	lysophospholipase activity	3.3	2.8
orf19.1727	PMC1	calcium-transporting ATPase activity	2.2	2.2
orf19.2242	PRB1	serine-type endopeptidase activity	2.0	2.1
orf19.4135	PRC2	Unknown	3.1	2.8
orf19.4263		Unknown	4.1	13.7
orf19.4262		mRNA binding	3.9	6.2
orf19.7500	PXA1	ATP binding, ATPase activity	2.5	2.5
orf19.4681	RAT1	5'-3' exonuclease activity, microtubule binding, recombinase activity	2.2	2.6
orf19.7247	RIM101	DNA binding, transcription factor activity	2.4	2.3
orf19.1069	RPN4	sequence-specific DNA binding, transcription factor activity, endopeptidase activity	3.0	5.2
orf19.4032	RPN5	endopeptidase activity	2.1	2.8
orf19.24	RTA2	phospholipid-translocating ATPase activity	2.4	2.1
orf19.23	RTA3	phospholipid-translocating ATPase activity	6.0	8.6
orf19.6595	RTA4	phospholipid-translocating ATPase activity	11.5	17.2
orf19.6928	SAP9	aspartic-type endopeptidase activity, structural constituent of cell wall	2.0	3.3
orf19.5118	SDS24	Unknown	2.9	2.3
orf19.4993	SEC18	ATP binding, ATPase activity	2.4	3.9
orf19.2270	SMF12	manganese ion transmembrane transporter activity	2.2	2.3
orf19.5006.1		SNAP receptor activity	2.0	2.5
orf19.2812		Unknown	10.5	3.6
orf19.1161	PLD1	phospholipase D activity, phosphatidylinositol 3-phosphate binding	2.3	23.8
orf19.2361		histone acetyltransferase activity, sequence-specific DNA binding	2.7	2.7
orf19.5031	SSK1	signal transducer activity, two-component response regulator activity	3.0	3.0
orf19.7313	SSU1	sulfite transmembrane transporter activity	2.4	3.3
orf19.4772	SSU81	osmosensor activity	2.1	2.1
orf19.3519	SUA72	general RNA polymerase II transcription factor activity	2.4	4.8
orf19.5735.3		Unknown	4.3	2.8
orf19.1777		ubiquitin-specific protease activity	2.0	2.1
orf19.803		4-aminobutyrate transaminase activity	2.6	6.1
orf19.345		succinate-semialdehyde dehydrogenase [NAD(P)+] activity	2.3	4.6
orf19.7393		NAD+ kinase activity (IEA) NADH kinase activity	3.3	3.6
orf19.1671	UTR2	Unknown	2.0	2.3
orf19.129		protein serine/threonine kinase activity	2.1	7.1
orf19.5543		protein binding	2.3	2.7
orf19.5543		protein binding	2.3	2.6
orf19.2031	VPS24	protein binding	2.6	3.0
orf19.147	YAK1	protein kinase activity	2.5	3.6
orf19.148		protein kinase activity	2.2	3.2
orf19.3104	YDC1	ceramidase activity	2.1	2.3
orf19.7637	YHB4	nitric oxide dioxygenase activity	2.1	2.1
orf19.1252	YME1	ATP-dependent peptidase activity	2.0	2.7
orf19.2057		ATPase activity, metallopeptidase activity	2.0	2.7
orf19.5940	ZCF32	transcription factor activity	2.6	3.3
orf19.6196		Unknown	2.1	18.0
orf19.467		Unknown	3.0	2.9
orf19.2726		Unknown	3.4	2.2
orf19.4577		signal transducer activity	2.4	2.0
orf19.2274		Unknown	2.3	5.9
orf19.2113		Unknown	2.1	2.4
orf19.3369	MOH1	Unknown	5.3	20.8
orf19.2887	MET13	Unknown	2.6	2.2

Fold Changes (*SRR1* vs. *Δsrr1*)

orf19 designation	Gene Name	Molecular function	<i>Δsrr1</i> / <i>Δsrr1</i>	
			Exp 1	Exp 2
orf19.103	<i>KAR5</i>	Unknown	5.3	17.9
orf19.419		Unknown	3.4	5.9
orf19.246		Unknown	4.5	4.9
orf19.1255	<i>ZCF5</i>	transcription factor activity	2.1	2.1
orf19.3302		Unknown	2.6	2.8
orf19.1751	<i>SPT23</i>	DNA binding, transcription activator activity	2.9	3.0
orf19.5730		Unknown	2.7	3.2
orf19.2356	<i>CRZ2</i>	transcription factor activity	2.0	2.6
orf19.782		Unknown	2.4	2.7
orf19.3923	<i>PGA37</i>	Unknown	6.1	2.7
orf19.3926		endoribonuclease activity	2.0	20.2
orf19.1422	<i>FZO1</i>	GTPase activity	2.0	2.0
orf19.5428		manganese ion transmembrane transporter activity	2.8	2.5
orf19.1944	<i>GPR1</i>	G-protein coupled receptor activity	2.7	2.7
orf19.5431		Unknown	4.2	3.3
orf19.5669		Unknown	2.0	2.1
orf19.633		Unknown	2.8	2.5
orf19.3854		protein kinase activity	2.7	3.0
orf19.2552		calcium-transporting ATPase activity	2.2	2.1
orf19.2154	<i>HXK1</i>	N-acetylglucosamine kinase activity, hexokinase activity	2.5	2.2
orf19.2791		myosin I binding	2.1	2.3
orf19.1277		Unknown	2.8	4.3
orf19.5295		Unknown	4.3	4.4
orf19.4183	<i>MUC1</i>	Unknown	2.2	2.6
orf19.2079	<i>PHHB</i>	Unknown	2.5	2.1
orf19.3412	<i>ATG15</i>	Unknown	2.1	2.0
orf19.5635	<i>PGA7</i>	Unknown	2.1	2.2
orf19.376		Unknown	2.4	5.2
orf19.1950		phosphatase activity	2.8	2.0
orf19.2064		transcription factor activity	2.3	2.9
orf19.2670		3-hydroxyacyl-[acyl-carrier-protein] dehydratase activity	2.2	2.1
orf19.698		Unknown	2.4	2.6
orf19.4655	<i>OPT6</i>	oligopeptide transporter activity	3.4	2.0
orf19.5069		Unknown	2.2	2.3
orf19.216		Unknown	2.2	2.4
orf19.5605		ubiquitin protein ligase binding	2.2	2.2
orf19.5552		Unknown	2.9	2.6
orf19.334		Unknown	2.0	2.1
orf19.2515		Unknown	4.9	5.2
orf19.4780		drug transporter activity	2.5	3.2
orf19.2244		Unknown	3.0	3.1
orf19.7381	<i>ZCF37</i>	transcription factor activity	2.8	2.5
orf19.5094	<i>BUL1</i>	Unknown	3.9	4.9
orf19.1785		Unknown	2.5	2.4
orf19.5610	<i>ARG3</i>	ornithine carbamoyltransferase activity	3.0	2.1
orf19.215		Unknown	2.6	2.2
orf19.3874		Unknown	2.0	2.0
orf19.3877		Unknown	2.4	3.6
orf19.6416		Unknown	2.2	2.3
orf19.740	<i>HAP41</i>	transcription activator activity	3.5	3.2
orf19.35		Unknown	3.3	2.4
orf19.6420	<i>PGA13</i>	Unknown	2.7	18.4
orf19.6211		enzyme regulator activity	3.0	2.3
orf19.5925		Unknown	2.0	2.5
orf19.2344	<i>ASR1</i>	Unknown	2.2	2.7
orf19.2346		Unknown	3.1	3.8
orf19.5159		amidophosphoribosyltransferase activity, omega peptidase activity	2.7	2.2
orf19.5205		Unknown	2.1	2.9
orf19.5204		Unknown	2.8	2.8
orf19.6068	<i>SVF1</i>	Unknown	3.2	3.5
orf19.6254	<i>ANT1</i>	adenine nucleotide transmembrane transporter activity	2.5	2.7
orf19.2451	<i>PGA45</i>	Unknown	2.6	3.3
orf19.164		lipase activity	2.9	3.3
orf19.4688	<i>DAG7</i>	response to drug	3.1	2.8
orf19.1675		Unknown	2.0	2.2
orf19.3799		Unknown	2.0	2.3
orf19.4347		receptor signaling protein serine/threonine kinase activity	2.4	2.0
orf19.2398		Unknown	3.9	2.1
orf19.6049		protein kinase activator activity	2.0	2.5
orf19.6048		dolichyl-phosphate-mannose-protein mannosyltransferase activity	2.4	2.2
orf19.4474		Unknown	3.4	2.3
orf19.4758		Unknown	2.0	2.0
orf19.1826	<i>MDM34</i>	transcription factor activity	2.5	2.1
orf19.4699		phospholipase activity, triglyceride lipase activity	2.6	2.1
orf19.1317	<i>OSH3</i>	steroid binding, oxysterol binding	2.1	2.2
orf19.4316		trimethyllysine dioxygenase activity	2.1	2.3
orf19.7359	<i>CRZ1</i>	transcription factor activity	3.1	2.6
orf19.192		Unknown	5.0	2.4
orf19.5125		Unknown	3.0	3.5
orf19.3588		Unknown	2.9	2.0
orf19.4131		Unknown	2.0	2.2
orf19.2832	<i>INN1</i>	Unknown	4.2	3.0
orf19.351		Unknown	2.1	2.2
orf19.2414		Unknown	2.7	4.7
orf19.5626		Unknown	3.0	2.5
orf19.347	<i>RSN1</i>	Unknown	3.3	2.1
orf19.5867	<i>WSC1</i>	Unknown	5.1	3.5
orf19.3051		Unknown	2.0	2.2
orf19.4970		Unknown	2.5	13.1
orf19.1911	<i>PGA52</i>	Unknown	3.3	2.6
orf19.2432	<i>HAC1</i>	transcription factor activity	3.3	2.1
orf19.551		tRNA methyltransferase activity	4.3	3.8
orf19.2607		Unknown	3.1	2.1
orf19.5045		protein tyrosine phosphatase activity	4.7	2.2
orf19.4961	<i>STP2</i>	specific RNA polymerase II transcription factor activity	2.1	2.2
orf19.207	<i>PGA55</i>	Unknown	2.0	3.5

Fold Changes (SRR1 vs. Δsrr1)

orf19 designation	Gene Name	Molecular function	Δsrr1/Δsrr1	
			Exp 1	Exp 2
orf19.173		transcription factor activity	2.9	2.9
orf19.3922		nucleotidase activity	2.0	2.1
orf19.3932		Unknown	2.4	2.9
orf19.6578		neurotransmitter transporter activity	2.6	3.9
orf19.4795		Unknown	2.2	2.4
orf19.2458		transcription factor activity	4.0	6.1
orf19.6464		Unknown	2.2	3.1
orf19.5037		Unknown	2.4	3.0
orf19.4907		Unknown	2.6	2.6
orf19.5754		Unknown	2.8	2.5
orf19.4358		Unknown	2.4	2.0
orf19.6078	PQL93	Unknown	2.0	3.7
orf19.4991	MPT5	mRNA binding	2.1	3.0
orf19.796	HYM1	Unknown	2.3	2.3
orf19.5876		Unknown	2.5	2.9
orf19.5877	ATF1	alcohol O-acetyltransferase activity	2.5	2.2
orf19.5879		acylglycerone-phosphate reductase activity	2.6	3.3
orf19.5620		Unknown	2.8	3.0
orf19.4415		Unknown	2.4	2.2
orf19.761	TCO89	Unknown	2.0	2.7
orf19.5207		Unknown	2.3	3.0
orf19.1733	UTP20	Unknown	10.6	20.4
orf19.5902	RAS2	GTPase activity	2.8	6.1
orf19.711		Unknown	2.7	2.8
orf19.5903	RAX1	Unknown	2.0	2.9
orf19.7131		gamma-butyrobetaine dioxygenase activity	2.1	2.2
orf19.1813	FLC2	FAD transmembrane transporter activity	2.9	2.1
orf19.1433		Unknown	2.1	2.6
orf19.7148	TPO2	drug transporter activity	2.8	2.7
orf19.916		Unknown	3.4	2.7
orf19.3233		protein binding	2.1	3.1
orf19.7158		anion:cation symporter activity	2.5	2.4
orf19.1350		Unknown	3.0	33.0
orf19.94		Unknown	5.5	2.4
orf19.6877	PNG2	Unknown	2.8	3.9
orf19.4869	SFU1	DNA binding, transcription factor activity	2.8	2.5
orf19.1344		Unknown	2.6	4.0
orf19.2210		Unknown	8.6	2.6
orf19.220	PIR1	structural constituent of cell wall	2.5	2.6
orf19.100		Unknown	3.0	2.2
orf19.2175		Unknown	5.0	3.7
orf19.6117		Unknown	2.7	3.3
orf19.2846		Unknown	4.4	2.3
orf19.3900		transporter activity	2.0	2.6
orf19.670.2		Unknown	2.2	2.2
orf19.5245		Unknown	2.3	2.2
orf19.5246		Unknown	2.3	3.4
orf19.5248	MSO1	Unknown	4.4	3.3
orf19.5250		Unknown	3.2	2.3
orf19.5251	ZCF30	DNA binding, transcription activator activity	2.6	3.3
orf19.4077	MIT1	mannosyltransferase activity	5.5	6.1
orf19.4090		fucose:hydrogen symporter activity	2.0	2.1
orf19.4097		Unknown	2.1	2.7
orf19.7204		Unknown	3.1	2.4
orf19.7184		Unknown	2.3	2.0
orf19.6899		Unknown	2.7	2.4
orf19.6660		Unknown	2.5	4.5
orf19.6680	FGR27	transcription factor activity	2.1	2.4
orf19.6627		Unknown	2.3	3.2
orf19.7410		metalloendopeptidase activity	2.4	2.1
orf19.6781		transcription factor activity	2.9	3.5
orf19.7300		Unknown	2.4	2.7
orf19.7296		Unknown	3.0	4.3
orf19.7442		Unknown	3.2	3.0
orf19.7445		Unknown	2.3	2.0
orf19.7457		Unknown	3.6	3.1
orf19.4286		Unknown	2.3	2.3
orf19.6980		Unknown	2.6	2.3
orf19.3282	BMT3	Unknown	3.2	3.0
orf19.5029	MODF	ATP binding	3.0	3.2
orf19.4445		Unknown	2.4	4.5
orf19.2870		Unknown	3.6	2.2
orf19.847	YIM1	endopeptidase activity	2.4	2.3
orf19.6758		aldo-keto reductase activity	3.5	2.5
orf19.6757	GCY1	aldehyde reductase activity	2.5	2.1
orf19.6741		Unknown	2.4	3.9
orf19.7531		Unknown	2.3	2.0
orf19.6840		Unknown	3.0	2.2
orf19.6720		Unknown	2.4	2.3
orf19.899		Unknown	2.3	2.0
orf19.3021		Unknown	2.7	4.1
orf19.7521	REP1	Unknown	3.8	3.1
orf19.5848		Unknown	2.3	2.1
orf19.27		Unknown	3.8	2.9
orf19.775		Unknown	2.9	3.4
orf19.6514	CUP9	chromatin binding, sequence-specific DNA binding	2.7	4.6
orf19.6508		protein transporter activity	3.6	4.5
orf19.871		protein transporter activity	3.0	2.6
orf19.2498		Unknown	2.2	3.5
orf19.6168		structural constituent of cytoskeleton	2.1	2.1
orf19.7504		Unknown	2.9	2.4
orf19.1861		Unknown	2.3	2.0
orf19.7504		Unknown	4.2	3.2
orf19.3841		protein serine/threonine kinase activity	2.9	2.0
orf19.3839	SAP10	Unknown	3.1	2.6
orf19.2030		Unknown	4.2	2.5

Fold Changes (SRR1 vs. Δsrr1)

orf19 designation	Gene Name	Molecular function	Δsrr1/Δsrr1	
			Exp 1	Exp 2
orf19.7497		Unknown	2.1	2.0
orf19.537		Unknown	2.1	2.5
orf19.532	RBR2	structural constituent of cell wall	2.9	2.2
orf19.5908	TEC1	specific RNA polymerase II transcription factor activity	2.0	3.6
orf19.1473		Unknown	2.9	3.5
orf19.1477		Unknown	2.9	2.0
orf19.4706		Unknown	4.3	4.6
orf19.905	AVT7	Unknown	2.5	2.9
orf19.6522		anion:cation symporter activity	2.7	3.1
orf19.1847		Unknown	2.1	2.3
orf19.1847	ARO10	carboxy-lyase activity, phenylpyruvate decarboxylase activity	2.1	2.3
orf19.5282		Unknown	2.0	2.8
orf19.3740	PGA23	Unknown	2.9	2.1
orf19.5994	RHB1	GTPase activity	2.2	3.4
orf19.7672		Unknown	2.4	2.2
orf19.3674	GAL102	UDP-glucose 4-epimerase activity	3.9	2.2
orf19.5963		Unknown	2.3	2.4
orf19.3004		Unknown	3.1	2.6
orf19.7092		Unknown	2.0	2.2
orf19.5683		Unknown	2.9	4.1
orf19.4430		Unknown	2.1	2.0
orf19.5961		Unknown	2.2	2.1
orf19.4951		Unknown	2.4	2.2
orf19.3309		Unknown	3.6	3.7
orf19.6941		diacylglycerol O-acyltransferase activity	2.1	2.5
orf19.449		Unknown	2.3	3.4
orf19.1486		Unknown	2.1	2.0
orf19.4614		protein complex scaffold	2.1	2.1
orf19.1767		ubiquitin-specific protease activity	2.6	2.2
orf19.4174		nucleoside transmembrane transporter activity	2.4	2.6
orf19.3292		peptide-methionine (R)-S-oxide reductase activity	2.2	2.2
orf19.1112	BUD7	Unknown	2.3	2.2
orf19.2724		Unknown	3.5	3.6
orf19.3863		Unknown	2.1	2.1
orf19.6704		Unknown	2.5	2.2
orf19.1307		Unknown	3.3	2.6
orf19.7598		Unknown	2.0	2.0
orf19.7596		Unknown	4.5	2.9
orf19.319		Unknown	3.0	2.5
orf19.320		Unknown	36.6	36.3
orf19.5587		Unknown	3.1	2.6
orf19.7590		Unknown	2.3	27.0
orf19.3814		Unknown	2.8	3.8
orf19.3813		Unknown	3.1	27.5
orf19.3818	GOA1	Unknown	3.3	2.7
orf19.2770		Unknown	3.9	2.7
orf19.3435		Unknown	2.2	6.2
orf19.3434		Unknown	2.2	3.8
orf19.4043		transcription factor activity	2.4	2.4
orf19.2789		Unknown	2.2	2.3
orf19.3728		protein phosphatase 1 binding	2.0	2.1
orf19.577		Unknown	2.0	2.4
orf19.1800		Unknown	2.2	2.0
orf19.4530.1		Unknown	2.6	2.5
orf19.4531		ATP binding, ATPase activity	2.7	2.1
orf19.860	BMT8	Unknown	2.1	2.1
orf19.4056	GAT2	transcription factor activity	4.4	3.5
orf19.5337	UBC15	Unknown	2.3	2.2
orf19.3131	OYE32	NADPH dehydrogenase activity	2.1	2.8
orf19.1449		Unknown	2.7	2.4
orf19.6606		Unknown	3.4	2.0
orf19.6605		Unknown	2.9	2.2
orf19.2693	GST2	transcription corepressor activity	2.4	2.8
orf19.4543	UGA2	succinate-semialdehyde dehydrogenase [NAD(P)+] activity	2.7	2.2
orf19.2933		ubiquitin-specific protease activity	2.5	2.9
orf19.527		Unknown	2.0	2.0
orf19.1719	SGA1	glucan 1,4-alpha-glucosidase activity	2.7	3.0
orf19.7228		Unknown	2.2	2.1
orf19.5862		arginase activity	2.0	7.3
orf19.3705	PTC6	protein serine/threonine phosphatase activity	2.3	2.0
orf19.3706		Unknown	2.3	2.1
orf19.1797		Unknown	2.3	3.1
orf19.1793		phosphoinositide binding	2.4	2.4
orf19.4279	MNN1	alpha-1,3-mannosyltransferase activity	2.2	2.4
orf19.822		Unknown	2.0	6.5
orf19.4903		N-acetylglucosaminylphosphatidylinositol deacetylase activity	2.8	2.0
orf19.7210		Unknown	2.6	3.9
orf19.4898		Unknown	2.2	2.5
orf19.4894		Unknown	2.8	2.6
orf19.496		DNA-dependent ATPase activity, guanine/thymine mispair binding	2.0	2.7
orf19.1369		Unknown	2.9	2.3
orf19.881	DFG16	Unknown	3.2	2.2
orf19.879		myosin binding	2.1	2.0
orf19.203	STB3	sequence-specific DNA binding	3.1	3.2
orf19.2838		Unknown	3.1	2.7
orf19.6249	HAK1	potassium ion transmembrane transporter activity	4.0	4.4
orf19.6245		Unknown	2.8	2.4
orf19.3187	ZNC1	transcription factor activity, specific RNA polymerase II transcription factor activity	2.2	2.1
orf19.3677		contributes to Atg8 ligase activity	2.1	2.3
orf19.3679		Unknown	2.0	2.5
orf19.3712		Unknown	2.0	2.5
orf19.6143		Unknown	2.2	3.4
orf19.6141	HGT16	glucose transmembrane transporter activity	3.0	2.3
orf19.5808		Unknown	2.1	2.3
orf19.5813		Unknown	2.4	2.6
orf19.7567		Unknown	3.8	7.4
orf19.6888		Unknown	5.7	6.8

orf19 designation	Gene Name	Molecular function	Fold Changes (<i>SRR1</i> vs. Δ <i>srr1</i>)	
			Δ <i>srr1</i> / <i>srr1</i>	
			Exp 1	Exp 2
orf19.4372		Unknown	4.1	3.2
orf19.4070		Unknown	2.2	2.7
orf19.6881	<i>YTH1</i>	RNA binding	2.3	2.4
orf19.3644		Unknown	2.8	3.5
orf19.744	<i>GDB1</i>	glycogen debranching enzyme activity	2.4	2.4
orf19.3499		Unknown	4.8	2.6
orf19.4525		Unknown	2.5	2.4