

UP REGULATED GENES IN WILD VS STR4Δ

ORF NAME	NANE	FOLD CHANGE
YAL061W	BDH2	22.412487
YAL034C	FUN19	2.0178847
YAR023C	UNKNOWN	2.0406356
YBL078C	ATG8	2.6622105
YBL015W	ACH1	2.8651729
YBR050C	REG2	5.7503147
YBR054W	YRO2	2.871016
YBR069C	TAT1	3.7674901
YBR117C	TKL2	4.2791505
YBR132C	AGP2	3.1272657
YBR169C	SSE2	2.8144104
YBR183W	YPC1	2.2498794
YBR214W	SDS24	2.3776252
YBR230W-A	UNKNOWN	2.4489336
YBR238C	UNKNOWN	3.133503
YBR285W	UNKNOWN	9.870781
YBR299W ///	MAL12 ///	
YGR292W	MAL32	2.1219926
YCL038C	ATG22	2.4286723
YCL010C	SGF29	2.3025024
YCR010C	ADY2	3.8247032
YCR021C	HSP30	3.2788422
YCR061W	UNKNOWN	2.5241618
YCR068W	ATG15	2.0956504
YCR091W	KIN82	3.070507
YCR102C	UNKNOWN	2.2587726
YDL248W ///		
YJR161C	COS5 /// COS7	2.1409435
YDL222C	FMP45	4.8814883
YDL204W	RTN2	3.3617768
YDL181W	INH1	3.073026
YDL169C	UGX2	2.2554948
YDL086W	UNKNOWN	3.428442
YDL079C	MRK1	5.3810596
YDR018C	UNKNOWN	2.0464451
YDR034C-A	UNKNOWN	2.051768
YDR074W	TPS2	2.0726037
YDR107C	TMN2	2.4716685
YDR216W	ADR1	2.2955194
YDR277C	MTH1	2.0621014

YDR342C ///		
YDR343C	HXT6 /// HXT7	3.7977939
YDR406W	PDR15	5.954672
YDR453C	TSA2	3.183049
YDR516C	EMI2	2.0319574
YEL073C	UNKNOWN	2.1009076
YEL070W ///		
YNR073C	DSF1	2.561117
YEL039C	CYC7	5.4054255
YEL021W	URA3	4.792565
YEL011W	GLC3	2.354217
YER011W	TIR1	2.091281
YER039C-A	UNKNOWN	2.0521028
YER053C-A	UNKNOWN	3.6709566
YER103W	SSA4	2.3513849
YER142C	MAG1	2.402395
YER150W	SPI1	2.0912
YFL054C	UNKNOWN	4.217216
YFL014W	HSP12	8.084383
YFR015C	GSY1	2.3076105
YFR053C	HXK1	3.0704162
YGL222C	EDC1	2.2684076
YGL104C	VPS73	2.2923496
YGL055W	OLE1	2.3980536
YGR035C	UNKNOWN	7.343891
YGR043C	NQM1	6.6860127
YGR052W	FMP48	3.5282943
YGR088W	CTT1	2.7091968
YGR204C-A	UNKNOWN	4.501106
YGR205W	UNKNOWN	2.955298
YGR236C	SPG1	2.011206
YGR243W	FMP43	7.767141
YGR248W	SOL4	2.5242903
YGR249W	MGA1	4.9394464
YGR256W	GND2	2.2971714
YGR260W	TNA1	2.0322785
YGR289C	MAL11	2.348257
YHL008C	UNKNOWN	2.1305811
YHR053C ///	CUP1-1 ///	
YHR055C	CUP1-2	2.2604291
YHR092C	HXT4	2.4315429
YHR094C	HXT1	2.0406547
YHR143W	DSE2	2.4354792

YHR209W	CRG1	2.204731
YIL169C	UNKNOWN	2.9845526
YIL169C ///		
YOL155C	HPF1	6.80969
YIL155C	GUT2	2.3406312
YIL136W	OM45	3.2309747
YIL105C	SLM1	2.048431
YIL101C	XBP1	3.771633
YIL097W	FYV10	2.0513718
YIL084C	SDS3	2.035188
YIL057C	UNKNOWN	5.6889296
YIL029C	UNKNOWN	2.0525029
YIR039C	YPS6	3.4032574
YJL219W	HXT9	3.0664973
YJL218W	UNKNOWN	2.0655677
YJL216C	UNKNOWN	2.7455006
YJL212C	OPT1	2.7846968
YJL078C	PRY3	3.1469963
YJR096W	UNKNOWN	2.3195405
YJR115W	UNKNOWN	2.498307
YJR149W	UNKNOWN	2.2665787
YKL216W	URA1	2.219745
YKL162C	UNKNOWN	2.152123
YKL148C	SDH1	3.0357985
YKL096W	CWP1	3.379543
YKL093W	MBR1	7.4439745
YKL026C	GPX1	3.6544938
YKR058W	GLG1	2.0531352
YKR075C	UNKNOWN	2.7056148
YKR098C	UBP11	2.3399012
YLL031C	GPI13	2.3354342
YLL018C-A	COX19	2.1315553
YLR054C	OSW2	2.3095372
YLR070C	XYL2	2.2202024
YLR080W	EMP46	2.083575
YLR083C	EMP70	2.203499
YLR099C	ICT1	2.7265882
YLR142W	PUT1	3.0115159
YLR149C	UNKNOWN	2.374417
YLR154W-E	UNKNOWN	2.3478444
YLR231C	BNA5	2.2944686
YLR271W	UNKNOWN	2.3058393
YLR303W	MET17	4.8197474

YLR327C	TMA10	3.1572583
YLR342W	FKS1	2.1158786
YLR346C	UNKNOWN	4.885288
YLR438W	CAR2	3.4090786
YLR460C	UNKNOWN	2.030493
YML128C	MSC1	3.3491442
YML123C	PHO84	2.1837199
YML120C	NDI1	2.2535837
YML118W	NGL3	2.176405
YML100W	TSL1	2.0373564
YML054C	CYB2	7.223444
YML003W	UNKNOWN	2.1512926
YMR011W	HXT2	3.9737751
YMR034C	UNKNOWN	2.1691997
YMR056C	AAC1	2.325461
YMR081C	ISF1	5.0874186
YMR090W	UNKNOWN	3.4084074
YMR104C	YPK2	2.5270405
YMR105W-A	UNKNOWN	2.125953
YMR107W	SPG4	5.3608623
YMR145C	NDE1	2.4130113
YMR169C	ALD3	3.4123025
YMR174C	PAI3	2.3715596
YMR194C-B	UNKNOWN	2.598059
YMR195W	ICY1	2.5678718
YMR206W	UNKNOWN	2.1510944
YMR244W	UNKNOWN	2.9548762
YMR250W	GAD1	2.3943868
YMR274C	RCE1	2.6605356
YMR280C	CAT8	2.6096032
YMR281W	GPI12	2.1870248
YMR303C	ADH2	2.0384517
YNL277W-A	UNKNOWN	2.3884192
YNL268W	LYP1	3.3215241
YNL237W	YTP1	2.9781609
YNL202W	SPS19	3.0735602
YNL195C	UNKNOWN	2.2776265
YNL194C	UNKNOWN	8.1454735
YNL160W	YGP1	2.3204563
YNL144C	UNKNOWN	2.1998951
YNL093W	YPT53	3.4438517
YNL066W	SUN4	2.065147
YNR002C	ATO2	5.4059577

YNR034W-A	UNKNOWN	4.2396207
YOL155C	HPF1	3.5828626
YOL084W	PHM7	5.3249583
YOL083W	UNKNOWN	2.803267
YOL052C-A	DDR2	2.0597668
YOL048C	RRT8	2.0688183
YOL047C	UNKNOWN	2.233904
YOR028C	CIN5	2.884307
YOR031W	CRS5	3.1344764
YOR040W	GLO4	2.1384315
YOR049C	RSB1	13.119886
YOR060C	UNKNOWN	2.1317203
YOR083W	WHI5	2.1407979
YOR100C	CRC1	4.1034813
YOR153W	PDR5	3.2962427
YOR161C	PNS1	2.4634335
YOR173W	DCS2	2.3166
YOR178C	GAC1	8.754584
YOR347C	PYK2	2.3459556
YOR374W	ALD4	2.684428
YOR376W-A	UNKNOWN	2.7947738
YOR386W	PHR1	2.9226282
YPL230W	USV1	3.8177624
YPL186C	UIP4	2.3898125
YPL123C	RNY1	2.0293398
YPR151C	SUE1	2.05075
YPR160W	GPH1	2.6193554
YPR192W	AQY1	2.6341262

DOWN REGULATED GENES IN WILD VS STR4Δ

ORF NAME	NAME	FOLD CHANGE
YAL044C	GCV3	2.2571502
YAR009C	UNKNOWN	4.794552
YAR068W	UNKNOWN	2.1981616
YBL100W-B	UNKNOWN	7.14736
YBL085W	BOI1	2.730951
YBL016W	FUS3	3.609404
YBL005W-B	UNKNOWN	5.9923615
YBR043C	QDR3	2.2016072
YBR047W	FMP23	3.455204
YBR073W	RDH54	2.0065255
YBR083W	TEC1	4.628573
YBR104W	YMC2	3.5143194
YBR115C	LYS2	62.89968
YBR133C	HSL7	2.2598658
YBR145W	ADH5	2.4430065
YBR147W	RTC2	2.3422651
YBR155W	CNS1	2.3778381
YBR213W	MET8	2.7658477
YBR244W	GPX2	2.2433696
YBR248C	HIS7	2.503691
YBR291C	CTP1	8.334694
YBR294W	SUL1	16.292757
YCL066W ///	HMLALPHA1 ///	
YCR040W	MATALPHA1	3.1925206
YCL064C	CHA1	3.6473975
YCL030C	HIS4	2.1359227
YCL027W	FUS1	8.812557
YCL026C-B	HBN1	2.0664315
YCL021W-A	UNKNOWN	3.1913662
YCL018W	LEU2	80.20735
YCR018C	SRD1	9.339888
YCR089W	FIG2	3.2264025
YDL240W	LRG1	2.0209985
YDL198C	GGC1	2.8707519
YDL182W	LYS20	14.840757
YDL170W	UGA3	2.5452883
YDL138W	RGT2	2.8813188

YDL131W	LYS21	3.8147695
YDR034C	LYS14	2.3692822
YDR035W	ARO3	2.0494955
YDR228C	PCF11	2.0174477
YDR234W	LYS4	3.230484
YDR253C	MET32	2.1216245
YBL005W-B	UNKNOWN	5.280731
YBL005W-B	UNKNOWN	5.7340903
YDR270W	CCC2	2.3884296
YDR309C	GIC2	2.152047
YDR451C	YHP1	2.8033864
YDR528W	HLR1	2.560731
YEL072W	RMD6	2.5517986
YEL071W	DLD3	3.019587
YEL065W	SIT1	3.7577348
YER024W	YAT2	2.6824992
YER040W	GLN3	2.2374704
YER052C	HOM3	3.1899827
YER055C	HIS1	2.3262496
YER069W	ARG5,6	5.0164733
YER073W	ALD5	2.0906727
YBL107W-A	UNKNOWN	2.242569
YER145C	FTR1	2.0635285
YER175C	TMT1	4.889874
YFL034C-A	RPL22B	2.3495173
YFL021W	GAT1	2.1790273
YFR030W	MET10	2.0183558
YFR055W	IRC7	2.3744376
YGL255W	ZRT1	3.9705617
YGL224C	SDT1	2.0533156
YGL184C	STR3	2.2124698
YGL148W	ARO2	2.0180717
YGL125W	MET13	2.09073
YGL117W	UNKNOWN	2.8043237
YGL089C	MF(ALPHA)2	133.49336
YGL009C	LEU1	4.3945413
YGR014W	MSB2	2.4508796
YGR032W	GSC2	6.804124
YGR065C	VHT1	2.8252752
YGR079W	UNKNOWN	2.1479461
YGR109W-B	UNKNOWN	3.1241264
YGR109W-A	UNKNOWN	2.3883936
YGR121C	MEP1	3.0001445

YGR177C	ATF2	2.9930882
YGR208W	SER2	2.2138903
YGR239C	PEX21	4.240375
YHL040C	ARN1	3.4357307
YHL036W	MUP3	3.0684342
YHR005C	GPA1	4.44154
YHR018C	ARG4	3.1614418
YHR021W-A	ECM12	2.3022182
YHR029C	YHI9	3.3597488
YHR046C	INM1	2.824264
YHR048W	YHK8	2.763449
YHR084W	STE12	2.810324
YHR208W	BAT1	2.7496479
YIL165C	NIT1	3.9276118
YIL164C	NIT1	2.7967458
YIL130W	ASG1	2.913403
YIL121W	QDR2	2.0268574
YIL119C	RPI1	2.6844604
YIL117C	PRM5	6.9964795
YIL116W	HIS5	2.5153332
YIL094C	LYS12	3.9472892
YGR109W-B	UNKNOWN	2.7455473
YIL079C	AIR1	2.7191339
YIL074C	SER33	2.3800828
YIR017C	MET28	3.9439304
YIR034C	LYS1	9.201074
YJL200C	ACO2	7.1994624
YJL181W	UNKNOWN	2.7296653
YJL157C	FAR1	10.947188
YJL122W	ALB1	2.2864556
YJL088W	ARG3	7.8055687
YJL071W	ARG2	2.2329671
YJR004C	SAG1	28.665173
YJR016C	ILV3	2.0979757
YJR063W	RPA12	3.34814
YJR097W	JJJ3	2.6920555
YJR109C	CPA2	4.5072536
YJR130C	STR2	2.481044
YJR148W	BAT2	2.029708
YKL218C	SRY1	2.0206592
YKL211C	TRP3	2.042899
YKL178C	STE3	5.030532
YKL125W	RRN3	2.2186499

YKL120W	OAC1	4.047854
YKL110C	KTI12	2.2127402
YKL106W	AAT1	5.477771
YKL068W-A	UNKNOWN	3.3044093
YKR013W	PRY2	2.3698401
YKR039W	GAP1	2.9926174
YKR069W	MET1	2.6165793
YBL109W	UNKNOWN	3.3998177
YLL064C ///		
YNR076W	PAU18 /// PAU6	2.82819
YLR040C	UNKNOWN	2.566489
YLR042C	UNKNOWN	4.0329447
YLR084C	RAX2	2.3953404
YLR089C	ALT1	2.3001294
YLR092W	SUL2	2.2048678
YLR136C	TIS11	3.0335598
YLR154C-H	UNKNOWN	6.3446536
YLR297W	UNKNOWN	3.5208457
YLR355C	ILV5	2.2857819
YLR364W	GRX8	2.1400073
YLR452C	SST2	8.462281
YLR466C-B	UNKNOWN	10.72375
YLR466C-B	UNKNOWN	7.8222566
YML116W	ATR1	5.167449
YML076C	WAR1	2.2945817
YMR001C	CDC5	2.151965
YMR062C	ARG7	4.5094266
YMR095C	SNO1	25.516321
YMR096W	SNZ1	58.20807
YMR100W	MUB1	2.0829237
YMR108W	ILV2	2.4813457
YMR189W	GCV2	2.4493237
YMR199W	CLN1	4.1707973
YNL311C	UNKNOWN	2.2303257
YNL289W	PCL1	3.0543063
YNL270C	ALP1	2.2408502
YNL240C	NAR1	2.1453836
YNL218W	MGS1	2.0260046
YNL164C	IBD2	2.4285128
YNL142W	MEP2	2.7042947
YNL113W	RPC19	2.1773837
YNL053W	MSG5	2.0554986
YNR044W	AGA1	11.1311655

YNR050C	LYS9	12.736951
YNR057C	BIO4	2.1826332
YNR058W	BIO3	2.3300676
YNR068C	UNKNOWN	2.067007
YOL140W	ARG8	3.412868
YOL119C	MCH4	4.9594836
YOL064C	MET22	2.7605834
YOL058W	ARG1	6.9367943
YOL036W	UNKNOWN	2.0776038
YOL017W	ESC8	2.1626716
YOR044W	IRC23	2.5187898
YOR130C	ORT1	3.7343895
YOR184W	SER1	2.1376903
YOR202W	HIS3	2.8065572
YOR222W	ODC2	2.258
YOR226C	ISU2	3.6311653
YOR302W	UNKNOWN	3.126457
YOR303W	CPA1	3.1755924
YOR306C	MCH5	2.0944438
YOR315W	SFG1	3.0457683
YOR337W	TEA1	3.5392926
YPL264C	UNKNOWN	2.77623
YPL212C	PUS1	2.318266
YPL187W	MF(ALPHA)1	4.7179284
YPL112C	PEX25	2.1300688
YPL081W	RPS9A	2.4766726
YPL058C	PDR12	2.2431724
YPL030W	TRM44	2.1968868
YPR122W	AXL1	3.1108012
YPR145W	ASN1	2.5452821
YPR167C	MET16	2.9762287