

Table S1. Genes/ORFs expressed both in Biofilm and Planktonic cells

Assembly 6	B30	B90	B150	B270	B390	P30	P90	P150	P270	P390	Annotation*
GROUP A											
2214	1.0	2.1	2.3	2.6	4.1	1.0	1.6	1.9	3.4	4.5	AHP1; orf19.6470
5499	7.2	22.3	22.6	20.4	38.9	4.3	7.5	12.5	50.2	9.8	ALD4; orf19.6306
6967	1.0	37.5	52.3	104.0	922.9	1.0	1.0	1.0	257.8	38.1	AMD22; orf19.5169
5040	5.0	6.2	6.5	7.8	10.3	2.6	9.4	8.3	6.5	5.9	AQR1; orf19.1964
711	1.0	2.9	5.5	13.6	7.5	1.0	4.0	3.5	8.2	4.9	ARO9; orf19.1237
4105	1.0	3.3	1.9	16.6	8.7	4.2	7.7	12.2	13.3	29.2	BIO2; orf19.2593
5762	1.0	2.4	1.0	3.7	2.9	1.8	1.0	4.0	11.4	32.9	BIO32; orf19.3567
8474	3.0	7.1	6.9	3.6	6.2	5.8	7.7	7.9	8.0	11.7	BUD3; orf19.7079
1149	1.0	2.6	2.6	2.3	3.9	2.9	2.8	1.0	3.9	2.4	CAA99; orf19.1369
8404	1.2	2.1	2.4	2.5	4.0	1.0	2.3	2.4	4.4	6.1	CBP1; orf19.7323
5674	2.1	2.6	5.3	19.0	46.9	9.4	1.0	9.3	11.0	5.9	CFL7; orf19.6140
6314	2.2	5.9	6.3	4.0	20.4	3.1	2.9	4.2	13.6	22.8	CIT1; orf19.4393
7664	1.0	2.0	2.1	2.3	4.2	1.0	1.0	1.0	5.3	6.3	CMD2; orf19.5278
2053	-2.7	1.0	2.0	3.9	10.3	-2.5	1.0	2.1	2.5	11.6	CPA1; orf19.12100
1034	1.0	1.0	1.8	11.4	4.9	2.7	-1.4	3.4	6.4	6.0	CQR1; orf19.9782
4099	2.3	3.1	4.4	4.1	10.3	2.6	3.2	3.2	13.1	14.6	CRC1; orf19.2599
1231	6.9	7.5	9.5	16.4	11.6	5.5	4.8	6.4	11.0	14.5	CRH1; orf19.2706
8009	1.0	1.0	1.7	10.7	13.5	1.0	1.0	2.8	18.4	25.5	CYB2; orf19.5000
7802	1.0	2.5	1.8	1.6	4.6	2.5	1.6	1.8	6.7	10.4	DAO1; orf19.3065
6616	-1.7	2.1	2.5	2.5	5.0	1.0	1.0	2.1	7.0	8.0	DDP1; orf19.4229
7574	1.1	2.3	3.2	2.6	4.2	2.0	1.0	2.8	2.7	4.5	ECM13; orf19.6586
4272	2.2	3.2	3.5	5.5	4.7	3.4	1.0	2.6	5.8	5.6	ECM4; orf19.2613
3365	1.0	1.0	3.0	3.8	9.4	1.0	2.9	3.7	5.1	12.9	ECM40; orf19.6500
1674	1.0	2.0	2.5	3.5	6.1	1.4	2.3	3.2	9.7	17.9	ESB6; orf19.11813
3177	2.9	4.5	4.8	5.0	14.4	3.1	2.8	3.6	20.5	14.6	FAA21; orf19.272
6822	1.0	3.3	3.9	5.7	11.8	1.0	1.0	3.1	20.3	16.8	FAA22; orf19.4114
9086	2.1	8.9	4.4	4.7	11.6	3.6	7.3	5.2	3.3	2.9	FAS2; orf19.5951
6763	1.6	3.3	2.7	2.8	3.3	2.2	1.0	2.1	1.0	1.0	FMP422; orf19.6654
744	2.3	5.2	6.6	2.5	5.0	2.5	1.0	5.2	6.2	14.3	GCV1; orf19.12965
246	2.0	3.7	5.3	1.0	4.6	1.0	-1.8	3.8	1.5	8.2	GCV2; orf19.385
3152	-2.0	2.2	3.9	7.3	9.3	1.8	1.6	5.3	6.9	9.5	GDH1; orf19.4716
3368	2.0	6.2	5.2	4.8	5.3	2.6	2.1	3.5	4.0	4.1	GPI15; orf19.2529
3021	2.1	3.7	3.1	2.8	4.8	5.2	4.6	4.1	5.5	5.5	GPI7; orf19.4064
1559	1.4	1.5	2.2	3.6	4.0	1.6	1.6	2.4	5.4	5.4	GPS2; orf19.86
7333	1.8	1.0	4.1	6.5	4.8	3.3	2.3	3.1	7.7	11.0	GTT11; orf19.6947
7243	2.3	2.9	3.8	6.2	5.2	2.8	2.7	4.7	8.3	11.0	GTT12; orf19.359
8532	2.8	3.2	2.4	4.1	7.7	2.3	3.1	3.2	2.7	6.3	HAP1; orf19.7372

3782	4.3	9.8	9.4	3.2	11.6	4.6	4.0	4.2	13.8	31.1	HGT3; orf19.4356
6692	3.0	4.4	5.3	5.4	7.9	3.2	2.2	2.9	8.5	12.6	HOL4; orf19.12021
7624	7.3	13.9	13.2	13.5	21.0	5.2	8.4	14.5	20.5	29.7	IQG1; orf19.6536
4542	2.6	2.9	2.9	4.3	6.1	3.8	5.9	5.1	2.3	4.9	KRE1; orf19.4377
6632	2.1	6.7	5.4	4.6	6.4	1.0	1.0	1.0	1.0	4.0	LIG4; orf19.5798
7719	1.2	4.0	4.7	4.0	11.1	3.8	2.6	4.4	14.5	21.0	LON1; orf19.6973
643	1.0	3.2	3.4	4.4	4.5	2.6	3.6	3.6	10.0	7.4	LPF12; orf19.1022
5958	1.0	1.0	3.6	17.3	24.6	1.0	3.4	7.5	13.6	25.3	LPF34; orf19.5140
640	3.1	4.0	5.3	6.5	7.6	2.8	3.5	6.5	11.6	10.4	MDM1; orf19.10097
61	1.0	2.2	2.3	1.9	3.3	1.5	1.0	1.0	1.0	2.4	MNN46; orf19.10622
1506	4.1	5.8	5.6	5.2	9.0	4.8	6.3	6.0	7.1	10.0	MSB1; orf19.8726
3927	2.8	6.7	8.2	13.6	15.7	4.5	5.2	6.3	13.5	13.9	MTE4; orf19.6023
4402	1.9	4.7	4.7	3.7	5.2	4.1	3.1	3.7	3.4	4.1	OBPalpha; orf19.10709
1364	-2.6	-3.7	1.0	12.9	22.3	-4.0	-2.4	2.4	36.3	52.0	OPT231; orf19.2292
2912	1.0	-4.2	1.0	12.0	24.9	-2.8	1.0	2.2	37.0	44.6	OPT232; orf19.176
2195	-3.9	1.0	1.0	7.3	17.9	1.0	1.0	2.3	75.6	99.7	OPT24; orf19.3718
3911	3.8	7.8	11.2	9.8	20.4	3.4	4.5	7.8	11.6	22.3	orf19.10042;
3825	5.7	14.1	13.1	13.7	45.6	1.0	20.0	16.4	11.9	18.4	orf19.10161
2320	1.0	4.3	4.1	6.5	32.9	4.7	9.5	3.8	28.2	56.9	orf19.1037
2319	2.1	1.0	2.1	5.5	13.1	2.9	3.5	2.1	14.6	18.9	orf19.1038
2296	1.0	2.2	3.6	2.6	5.3	1.6	1.0	2.6	13.0	25.3	orf19.10860; Sim to YOR246c
4336	1.0	1.6	1.0	2.0	3.1	1.7	2.9	2.4	1.5	2.1	orf19.10898; Sim to YHR048w
3465	1.5	7.6	5.4	9.6	3.3	1.0	2.4	2.3	2.7	2.2	orf19.1113
780	2.8	3.3	3.4	12.9	48.8	3.7	6.4	2.9	36.0	79.3	orf19.1130
2787	1.5	4.5	3.7	3.9	3.6	2.2	2.6	3.8	3.5	4.9	orf19.1146
794	2.4	2.6	3.6	2.4	4.9	2.3	1.0	1.4	2.8	3.2	orf19.11467; Sim to YGR237c
328	1.0	1.9	2.8	3.5	4.3	1.7	1.4	1.0	1.6	4.0	orf19.12177; Sim to YOR104w
1621	2.8	7.5	6.8	2.9	8.9	7.7	7.1	7.1	11.8	24.6	orf19.12367; Sim to YER175c
1894	1.0	1.0	1.0	2.0	3.3	1.0	1.0	2.4	4.1	13.3	orf19.12435
2428	1.7	2.6	4.4	4.8	12.6	2.9	1.0	2.9	5.1	3.9	orf19.12536; Sim to YOR009
2773	1.0	1.0	3.8	2.6	13.6	1.8	1.0	2.3	6.6	2.8	orf19.1307; Sim to YDR438w
582	1.0	2.2	1.0	2.6	3.7	1.4	1.0	1.0	1.0	2.2	orf19.13192; Sim to YGL114w
5662	1.6	2.2	3.1	3.4	3.3	2.1	1.0	2.3	3.2	2.8	orf19.13571
4521	1.0	1.6	2.4	1.7	4.5	1.0	1.0	2.7	3.3	3.6	orf19.13590; Sim to YKL221w
5260	-1.6	1.0	2.0	2.5	3.2	2.4	1.0	1.6	2.4	4.1	orf19.13907; Sim to YOR220w
7096	1.0	1.0	1.5	1.5	3.0	1.4	1.8	2.0	4.4	6.1	orf19.1477; Sim to YGL010
3391	1.5	5.1	3.3	1.8	2.7	1.9	2.3	2.7	4.3	5.7	orf19.1522
833	1.7	3.1	2.0	2.6	3.8	1.9	2.9	2.7	2.0	3.5	orf19.1657
4376	2.3	4.4	3.9	4.1	14.5	3.1	2.3	2.3	1.8	2.7	orf19.1797
194	1.0	2.3	3.0	1.0	2.9	1.0	1.0	1.0	1.0	1.0	orf19.181; sim to YOR059

7496	2.6	3.6	5.4	10.3	8.2	3.5	3.4	2.8	5.8	12.0	orf19.2059
5157	1.8	2.4	2.6	2.8	3.5	2.1	2.0	1.8	2.4	3.2	orf19.216
1919	1.3	5.1	5.8	5.9	3.5	2.4	4.3	7.9	10.6	7.5	orf19.2446; Sim to YDL144
34	6.1	7.3	6.2	6.4	12.1	1.0	5.7	6.1	8.0	7.3	orf19.2457
601	1.0	20.3	23.3	17.9	41.9	11.0	18.5	14.7	24.6	57.3	orf19.246; Sim to YIL108
6168	1.4	2.3	2.3	3.0	2.5	-1.4	1.0	1.5	1.6	1.0	orf19.2487; similar to YDR020c
1414	1.0	1.5	1.9	2.7	4.8	4.1	1.0	1.3	2.1	4.4	orf19.2623
4942	3.7	6.7	7.4	7.6	21.1	10.1	8.9	6.3	13.2	48.5	orf19.2848
6132	1.5	2.9	2.3	2.6	3.3	2.1	1.9	2.5	4.5	4.8	orf19.2890
6471	1.0	2.1	2.1	1.0	3.4	1.0	1.0	1.0	5.0	5.1	orf19.3434; Sim to YGR067c
6470	1.0	2.4	2.1	1.0	3.5	1.0	-2.6	1.0	5.5	5.2	orf19.3435
1875	1.0	1.0	2.6	2.3	4.6	1.9	1.0	2.6	11.8	12.0	orf19.3488
4361	2.0	2.8	3.3	3.3	5.4	2.0	4.6	4.0	4.6	6.8	orf19.3501; Sim to YKR090w
3285	3.1	6.4	10.6	12.1	14.7	4.6	4.5	4.8	6.5	10.6	orf19.3615; Sim to YPL191c
1687	1.0	4.1	2.6	2.8	6.2	5.5	2.9	1.0	5.1	5.6	orf19.3728
4215	3.9	4.6	2.9	2.9	10.5	3.5	3.7	1.7	4.7	7.7	orf19.3751; Sim to YPL141c
5847	1.0	14.0	9.8	1.0	27.7	6.6	8.0	5.9	16.8	19.0	orf19.3876
5143	1.0	3.5	7.4	1.0	9.1	1.0	1.0	1.0	2.3	14.4	orf19.3905
1914	1.4	1.0	2.2	2.7	2.9	3.5	1.0	1.7	3.1	5.2	orf19.3932
2613	3.8	7.2	7.6	6.2	7.9	4.6	4.7	4.9	4.5	8.5	orf19.4134; Sim to YDR459
3973	3.8	7.2	4.9	7.1	17.8	3.5	2.8	4.2	5.3	3.2	orf19.4251
4541	7.4	10.7	10.3	9.7	14.3	8.1	8.2	12.7	7.1	9.7	orf19.4376
2973	1.0	3.6	3.2	3.6	4.4	3.5	3.4	2.7	2.7	4.7	orf19.4409; Sim to YCR026c
2833	1.0	1.0	1.0	5.1	4.3	1.0	5.0	2.9	11.0	29.7	orf19.4459; Sim to YNL234w
6693	1.0	9.1	8.4	7.1	10.7	4.8	5.8	3.7	11.5	22.0	orf19.4547
2406	4.1	4.5	7.6	6.0	10.7	4.7	5.1	5.9	11.5	13.4	orf19.4570
7889	17.4	26.4	23.3	18.4	45.6	14.7	47.2	38.6	39.4	60.5	orf19.4590; Sim to YLR176c
3214	4.9	12.0	13.8	12.6	16.4	4.3	7.3	9.8	10.8	14.1	orf19.467
4230	1.0	1.0	6.5	28.1	58.5	1.0	1.0	16.8	109.1	147.0	orf19.4894; Sim to YER010
2024	1.4	2.5	3.0	2.1	2.8	2.9	2.9	3.1	4.9	7.0	orf19.4901; Sim to YHR209w
7990	1.6	3.0	3.6	4.4	4.1	2.0	3.0	4.6	4.9	7.6	orf19.5019
865	-2.3	1.0	2.2	2.9	4.2	3.0	1.0	1.0	3.1	4.2	orf19.5069; Sim to YHR079C-A
7692	1.0	2.0	2.4	6.1	9.6	2.3	1.8	2.2	10.3	16.9	orf19.5250
3939	1.0	4.7	6.1	6.5	6.8	2.0	2.5	6.3	16.3	15.6	orf19.5295
8305	1.5	3.5	3.4	2.5	3.2	2.6	2.5	1.0	2.0	1.9	orf19.5316
8640	1.0	1.0	1.0	2.5	3.1	1.0	1.0	7.1	3.4	3.7	orf19.5404; Sim to YAL063
4456	4.4	19.7	20.4	24.4	140.1	3.6	5.6	5.2	68.6	35.8	orf19.5514
6198	3.1	6.2	6.2	6.4	17.4	1.0	8.5	6.7	9.8	19.2	orf19.5760
6633	5.3	7.0	8.1	8.6	15.9	3.9	2.5	2.2	3.8	5.0	orf19.5799; Sim to YNL278w
6638	3.0	4.4	4.2	5.4	6.0	3.4	4.1	5.5	7.4	8.5	orf19.5804; Sim to YKL215c

9097	1.0	6.8	6.8	7.1	10.9	1.0	1.0	5.5	6.0	8.5	orf19.5940
5093	1.0	6.5	5.3	1.0	5.8	1.0	1.0	4.3	6.1	6.2	orf19.6013; Sim to YMR233w
3925	2.6	5.1	9.8	15.8	12.6	2.3	10.9	16.8	15.6	17.3	orf19.6021
7610	1.6	3.0	4.0	3.0	15.1	2.2	1.8	2.8	8.5	8.9	orf19.6066; Sim to YMR110c
5428	1.0	1.0	3.4	7.5	6.3	3.4	2.4	4.2	9.4	15.7	orf19.6196
1583	1.0	1.9	1.7	2.7	2.6	1.4	1.5	2.7	3.3	4.7	orf19.6235
5500	1.0	1.0	4.1	2.8	3.2	4.7	1.0	3.7	4.1	1.0	orf19.6307
5503	1.9	1.0	1.0	2.8	3.8	3.1	1.0	2.9	4.5	4.4	orf19.6310
7840	3.1	8.2	8.8	11.6	11.0	1.4	3.3	8.3	12.4	15.3	orf19.6414
7834	1.4	6.5	11.4	14.7	23.8	4.1	2.2	12.6	10.9	26.5	orf19.6420
6000	1.6	2.5	3.8	3.2	4.5	2.9	2.8	2.9	2.4	2.9	orf19.6459; Sim to YDR284c
6873	2.1	5.0	4.8	3.7	9.5	6.2	5.9	5.9	9.2	13.9	orf19.6724; Sim to YPL262w
8890	6.2	21.7	34.5	17.9	27.9	5.2	9.3	18.5	20.1	39.1	orf19.6741; Sim to YLR414c
8877	1.8	2.0	1.5	1.5	4.7	2.5	3.3	2.3	2.3	4.5	orf19.6754
6989	2.5	3.7	4.7	5.1	26.9	7.0	5.2	2.8	1.8	5.6	orf19.6840
8497	1.4	4.9	7.8	6.6	79.3	2.6	4.3	5.2	5.5	30.5	orf19.7056; Sim to YPL265w
8455	-1.7	2.1	2.9	5.2	6.4	1.0	2.2	3.2	4.7	7.8	orf19.7098; Sim to YKL070w
409	2.9	7.3	8.5	5.6	21.6	2.4	3.2	3.7	18.1	40.5	orf19.715
2637	1.8	4.6	5.7	3.2	9.2	1.0	1.0	1.0	6.5	8.7	orf19.716
8111	1.6	2.8	3.4	3.4	6.1	2.0	3.0	2.5	4.4	7.2	orf19.7211
8114	3.8	5.7	9.4	12.6	24.3	4.5	1.9	3.2	5.7	6.0	orf19.7214; Sim to YBR056w
8601	1.0	4.7	4.5	3.7	6.9	6.5	3.5	3.0	6.1	5.5	orf19.7441; Sim to YGL247w
8602	12.6	39.7	24.4	26.5	39.1	16.4	25.1	15.9	23.4	28.1	orf19.7442
8756	2.1	2.8	1.9	3.5	5.5	3.8	2.4	1.3	1.5	1.9	orf19.7504; Sim to YKR092c
3706	1.0	1.0	1.5	3.2	3.5	3.0	1.0	1.0	5.7	8.6	orf19.7740
3896	1.0	1.0	2.1	2.5	4.1	3.9	1.0	3.2	7.4	17.6	orf19.8049
1089	1.0	1.0	1.0	5.3	6.7	1.0	1.0	2.9	7.8	11.0	orf19.9183
8221	1.0	3.1	4.4	2.6	2.7	1.0	1.0	3.4	4.3	4.4	orf19.972; Sim to YBR228w
559	1.0	3.1	2.8	2.1	2.8	1.7	1.9	2.3	1.6	1.0	orf19.9936; Sim to YNL224
294	8.9	23.3	18.6	10.8	17.3	5.1	18.9	14.3	10.6	9.3	orf19.9988
8481	2.0	3.1	3.0	2.9	4.8	2.2	2.8	2.4	1.0	1.0	PGS1; orf19.7072
573	1.4	2.8	2.5	3.0	2.5	2.3	2.3	2.8	4.3	4.1	PKA1; orf19.2014
6206	1.5	1.5	2.1	3.2	2.9	1.7	1.6	1.6	2.1	2.6	PLB4; orf19.6594
4037	1.6	2.7	2.4	2.3	4.8	2.6	5.9	2.0	2.7	6.1	PLB5; orf19.12568
5334	3.3	5.5	7.1	6.8	7.9	4.7	4.2	4.4	3.3	3.8	PLC22; orf19.1586
9116	4.1	6.1	6.5	5.6	16.1	7.3	6.6	7.2	17.5	22.2	PMP47; orf19.5921
828	-2.1	2.0	1.9	2.8	11.6	-2.1	1.0	1.9	12.6	13.8	POX104; orf19.1652.
3796	1.7	2.2	2.0	1.9	4.3	2.4	2.3	2.1	4.5	4.9	POX105; orf19.5723
5213	2.1	4.0	5.7	3.4	6.2	3.7	4.5	6.5	11.5	21.9	PPA2; orf19.4807
7959	1.0	2.4	2.6	1.0	3.7	1.0	1.0	1.0	2.6	2.2	PPS1; orf19.7033

4974	3.6	8.8	11.2	14.1	7.3	4.2	3.3	7.8	4.0	2.2	PRN4; orf19.2461
2387	1.3	2.7	2.2	3.8	2.8	2.8	3.0	3.7	6.1	4.2	PRS6; orf19.2532
2989	2.1	1.9	2.8	11.3	5.7	1.8	1.7	3.7	7.9	5.7	PYC2; orf19.789
5673	1.0	4.3	3.7	2.3	13.4	2.0	1.0	2.7	9.3	14.4	QUP2; orf19.6141
3222	1.0	2.1	1.0	5.0	4.0	1.0	2.0	1.0	1.0	1.0	RPP1; orf19.1029
4196	1.5	3.1	5.2	3.7	6.3	1.8	2.1	5.2	12.8	14.2	SAD2; orf19.11980
4427	2.5	7.7	16.4	10.3	102.5	1.0	12.2	3.5	3.9	22.8	SAP5; orf19.5585
2204	1.0	6.1	8.2	1.0	10.8	1.0	9.4	1.0	1.0	1.0	SAP6; orf19.12988
3664	1.0	8.3	8.3	4.3	5.8	8.9	10.9	6.9	7.8	6.5	SCY1; orf19.764
625	3.5	6.5	7.4	5.0	8.3	5.6	4.3	5.6	7.2	7.3	SEC233; orf19.9206
4841	1.7	1.0	2.0	1.0	3.3	5.6	1.8	1.0	8.5	10.1	SGA1; orf19.1719
286	-1.6	1.0	1.6	1.0	2.5	3.0	1.0	1.0	3.1	5.1	SKY2; orf19.35
8377	1.7	4.6	7.5	1.9	11.7	4.3	1.9	1.9	8.8	17.5	SLP99; orf19.7296
6365	3.2	5.3	6.2	2.6	7.7	2.6	4.1	4.8	7.6	13.8	SNX41; orf19.1994
7493	1.0	1.4	3.1	1.7	2.5	2.5	2.4	3.6	2.3	4.8	SOD32; orf19.2062
3947	1.0	1.0	2.3	3.4	6.9	4.6	3.9	1.0	5.0	3.4	STP4; orf19.909
8443	1.7	2.2	2.1	2.5	4.9	2.3	2.6	2.2	2.9	4.3	TAD1; orf19.7110
412	1.0	2.4	2.2	2.3	3.7	3.1	2.4	2.0	2.8	2.4	TCA99; orf19.6468
3191	1.6	3.4	3.1	2.8	6.8	1.9	2.3	2.9	3.3	5.7	TES2; orf19.4122
8405	1.8	1.8	2.4	2.7	4.4	1.8	2.1	3.3	4.3	5.5	THI13; orf19.7324
8198	2.2	4.4	3.9	3.4	6.7	4.1	4.2	4.2	7.1	8.8	TPM1; orf19.949
1355	1.0	2.2	2.9	12.9	25.8	1.0	2.2	4.8	8.1	8.2	UGA11; orf19.8421
1903	1.7	2.6	2.3	2.3	6.6	1.0	1.0	1.0	3.0	2.4	UGA12; orf19.854
1655	1.0	1.0	2.4	2.1	3.5	1.0	2.0	1.9	2.8	2.6	UGT51; orf19.10147
1300	1.0	2.0	3.6	1.0	2.8	1.8	1.0	1.0	2.9	4.4	VPS183; orf19.5543
8282	3.0	4.3	5.9	2.6	6.4	3.6	2.4	3.4	1.0	1.6	WRY9; orf19.3282
5308	1.0	-1.7	-2.1	1.2	4.5	3.8	2.7	1.0	1.6	4.6	YHB2; orf19.3710
3338	-4.0	-5.2	-3.7	-2.4	-2.0	-2.8	-4.1	-3.3	-3.9	-4.4	ABC1; orf19.10842
8369	-4.0	-1.8	1.0	1.0	6.1	-5.4	-3.1	-1.6	4.5	6.6	ACD99; orf19.7288
6337	-8.5	-17.1	-8.6	-2.3	2.4	-3.5	-12.6	-2.4	1.0	3.7	ADH2; orf19.5113
361	-1.8	-1.3	-1.3	-2.4	2.6	-1.8	-2.8	-3.2	1.7	3.1	AFF1; orf19.8810
6464	-6.6	-12.7	-14.7	-12.0	-6.7	-5.7	-9.2	-10.8	-4.8	-1.4	AFF10; orf19.3441
5330	-6.5	-2.7	-2.0	-6.1	4.7	-10.1	-10.9	-8.6	2.7	6.1	AFF2; orf19.6169
7741	-5.5	-6.4	-3.1	-5.9	1.0	-3.6	-3.3	-3.3	-4.8	1.0	AFF4; orf19.6995
8263	-35.5	-159.8	-20.1	-25.6	-2.4	-41.6	-27.3	-23.4	-18.6	-8.7	AFF7; orf19.3263
5457	-1.4	-1.5	-1.9	-2.4	1.0	-2.2	-3.2	-9.8	-4.5	-8.2	AGP2; orf19.4679
4131	-13.6	-5.9	-2.7	-2.9	2.0	-10.4	-19.0	-6.3	1.0	2.3	ALD6; orf19.742
1933	-3.4	-2.8	-2.8	-1.4	1.0	-2.1	-2.4	-2.2	-1.9	-1.6	ALR1; orf19.9175
2112	-2.4	-2.3	-2.6	1.0	1.0	1.0	1.0	-1.6	-4.3	-3.9	ALS1; orf19.13163
2920	-35.8	-10.9	-12.2	-9.3	-5.6	-5.2	-8.5	-6.8	-5.4	-5.9	ALS9; orf19.13164

6584	-8.6	-5.8	-2.8	2.3	1.9	1.0	-4.7	1.0	2.3	2.4	AMS1; orf19.2768
3984	-19.6	-53.4	-9.5	-1.9	-2.0	-3.6	-17.4	-8.1	-22.0	-5.0	AOX2; orf19.4773
7536	-6.9	-3.1	-2.4	-3.2	-2.5	-3.4	-5.0	-3.0	1.0	2.0	APG1; orf19.3841
7029	-7.6	-2.7	-1.8	1.3	1.0	-4.7	-4.1	-2.0	1.0	1.0	APR1; orf19.1891
5515	-4.7	-6.9	-7.7	-2.0	-2.2	-2.3	-3.4	-3.7	-2.2	-2.5	ARD1; orf19.6322
8721	-46.9	-31.1	-8.5	-3.5	3.4	-15.3	-10.6	-3.3	1.0	4.0	ARG1; orf19.7469
5062	-5.6	-2.3	2.0	4.4	22.5	-4.3	1.0	3.2	11.9	47.2	ARG3; orf19.5610
6798	-3.6	-1.9	1.0	3.7	9.9	-4.5	-1.6	1.4	3.0	14.2	ARG4; orf19.6689
4898	-8.9	-5.9	-2.8	-1.5	1.9	-7.9	-5.4	-2.2	-2.0	2.0	ARG5,6; orf19.4788
2288	-6.7	-2.8	1.3	1.7	5.2	-6.6	-2.1	1.0	2.2	8.2	ARG8; orf19.3771
6084	-1.9	-6.7	-12.2	-3.7	-2.8	-2.5	-10.3	-16.3	-28.1	-19.0	ARN1; orf19.2179
164	-2.1	-1.4	-1.9	1.0	1.0	-2.4	-2.4	-1.9	-2.4	1.0	ATS1; orf19.6399
7730	-4.2	-5.5	-4.7	-4.1	-2.1	-2.3	-3.2	-3.1	-3.3	-3.9	AVT42; orf19.6984
1870	-2.2	-1.5	-2.3	-2.3	1.0	-3.2	-2.8	-2.4	-3.0	-1.8	BAS1; orf19.11290
7504	-2.4	1.0	-1.8	-1.7	1.5	-2.1	-2.5	-2.1	-1.9	1.0	BAS1; orf19.3809
7138	-2.5	-3.5	-5.2	-7.2	-2.4	1.0	-2.4	-6.2	-5.4	-3.1	BAS1; orf19.6874
65	-19.3	-15.8	-8.8	-5.4	3.7	-22.0	-6.7	-4.9	1.0	3.7	BDA1; orf19.376
2327	-2.0	-1.8	-2.1	-1.4	1.0	-4.1	-3.3	-2.9	-7.5	-7.6	BMS1; orf19.2504
6546	-3.2	-2.4	-2.3	-1.8	-1.5	-2.5	-2.0	-1.8	-2.4	-2.6	BRF1; orf19.6649
6947	-2.1	-2.2	-2.0	1.0	1.0	-2.9	-3.7	-2.8	-2.7	-3.7	BRR2; orf19.3098
388	-6.6	-2.0	-3.2	-3.0	4.6	-1.5	-5.0	-5.2	1.0	1.0	CAN1; orf19.7743
389	-11.5	-2.9	-3.9	-4.2	3.9	-3.5	-10.1	-10.6	-2.5	-2.3	CAN1; orf19.7744
2565	-10.9	-4.7	-3.9	-6.1	2.9	-3.3	-12.9	-8.3	1.0	1.0	CAN2; orf19.111
3258	-2.3	-2.4	-2.9	-2.0	1.0	-2.7	-3.4	-3.1	-2.4	-1.5	CCC2; orf19.4328
7631	-6.6	-7.2	-7.5	-5.5	-3.4	-4.1	-4.7	-4.8	-5.9	-4.8	CDC34; orf19.6529
8395	-5.9	-13.9	-7.1	-10.6	-3.4	1.0	-1.7	-2.3	1.0	1.0	CDG1; orf19.7314
9037	-6.2	-7.2	-3.7	-2.5	-1.4	-4.0	-3.6	-3.7	-2.3	-2.0	CDR1; orf19.6000
6064	-10.9	-18.3	-4.6	1.0	-1.7	-12.6	-7.6	-3.4	1.0	2.0	CIS309; orf19.11646
5626	-2.8	-2.0	-2.3	-1.7	-1.4	-2.7	-2.0	-2.4	-2.8	-2.5	CLF1; orf19.7964
5045	-1.6	-2.1	-2.0	1.0	1.0	-3.0	-3.1	-2.0	-2.1	-1.3	CLN2; orf19.9515
7672	-6.1	-3.0	-2.6	-3.8	1.7	-2.1	-5.1	-5.9	3.3	4.1	CMD3; orf19.5270
9126	-5.6	-7.7	-9.3	-12.6	-2.5	-4.0	-6.2	-8.9	-4.9	-7.8	CMK1; orf19.5911
1765	-8.6	-8.5	-7.4	-5.9	1.0	-10.3	-7.4	-3.8	-5.7	1.0	CPA2; orf19.3221
1341	-7.9	-3.3	-2.3	-1.9	-1.5	-5.9	-7.6	-3.6	-1.6	1.0	CPY1; orf19.1339
2612	-5.1	-2.3	-1.5	1.5	2.8	-3.1	-3.9	-1.8	1.7	3.1	CPY3; orf19.4135
3282	-22.0	-16.2	-8.9	-2.2	-3.4	-9.9	-21.9	-13.7	-3.7	-3.8	CQR2; orf19.3612
8534	-20.7	-16.3	-11.4	-5.8	-3.9	-13.7	-13.3	-14.7	-10.6	-8.9	CTA4; orf19.7374
3986	-3.6	-1.6	-2.1	-1.5	1.2	-2.3	-2.5	-2.2	-2.9	-1.7	CTA8; orf19.4775
3182	-3.2	-2.8	-2.3	-1.8	1.0	-2.8	-2.5	-2.9	-2.5	-2.4	CTR2; orf19.4720
7852	-1.5	-1.8	-2.3	1.0	1.0	-4.8	-2.7	-2.8	-5.7	-5.0	CYS3; orf19.6402

1777	-3.3	-3.0	-2.7	-2.4	1.0	-1.7	-2.3	-2.2	-1.4	-1.4	DAL80; orf19.10361
8193	-13.1	-5.2	-3.8	-3.0	-4.2	-6.2	-3.6	-3.4	-1.5	1.0	DAO99; orf19.944
2585	-1.6	-1.9	-2.1	-1.4	1.0	-3.7	-3.1	-3.2	-19.8	-17.9	DBP3; orf19.12334
6854	-5.7	-4.3	-2.6	1.0	-1.6	-2.1	-3.9	-7.0	-2.0	-6.1	DDR99; orf19.4082
8552	-3.8	-3.6	-3.9	-3.1	-1.6	-5.0	-4.5	-5.0	-15.5	-9.2	DED1; orf19.7392
7327	-3.3	-2.4	-1.8	-2.0	1.0	1.0	-2.4	-1.9	1.0	1.0	DGA2; orf19.6941
4007	-4.0	-1.5	-1.9	-3.2	2.3	1.0	-3.6	-2.7	1.5	2.8	DIP53; orf19.2943
8653	-4.3	-5.2	-2.9	-1.9	-1.4	-2.5	-4.2	-3.4	1.0	-1.4	DOT5; orf19.5417
2354	-2.8	-2.5	-2.4	-1.4	1.0	-3.0	-2.7	-3.0	-3.6	-3.6	DOT6; orf19.2545
8215	-2.3	-1.8	-1.6	-1.3	1.0	-2.0	-1.9	-2.0	-2.8	-3.4	DUS4; orf19.966
7809	-3.6	-2.2	-1.4	1.0	2.7	-1.6	-3.6	-1.8	3.2	3.1	ECI1; orf19.6445
7465	-3.2	-2.4	-3.2	-1.7	-1.5	-6.6	-4.4	-4.7	-8.5	-7.0	ECM16; orf19.2090
6420	-4.4	-2.6	-2.9	-2.1	1.0	-4.9	-3.5	-3.9	-4.2	-3.1	ECM3; orf19.1563
7597	-2.4	-2.8	-3.7	-4.0	-1.6	-2.6	-3.6	-6.2	-4.2	-5.4	ECM38; orf19.6053
4821	-3.5	-3.9	-3.2	-3.8	-1.5	-3.6	-6.6	-7.1	-5.5	-2.7	EFG1; orf19.8243
8413	-2.7	-3.7	-3.7	-2.5	-1.5	-4.3	-4.1	-4.1	-12.7	-10.3	ELF1; orf19.7332
8861	-3.4	-4.2	-2.7	-1.6	1.0	-1.7	-1.5	-1.4	-2.7	-3.5	ENT4; orf19.6770
8814	-3.5	-9.9	-7.5	-15.0	-1.7	-1.7	-7.2	-12.2	-11.1	-4.3	FCR1; orf19.6817
3525	-58.5	-37.5	-5.9	1.6	1.8	-9.1	-29.7	-4.6	1.2	1.6	FDH99; orf19.638
5010	-7.0	-3.9	-4.3	-3.8	-2.8	-6.8	-19.6	-10.8	-40.5	-28.2	FET31; orf19.11687
1172	-53.8	-3.8	-3.7	-3.2	10.3	-47.8	-7.9	-5.3	-2.4	17.4	FMO1; orf19.9098
1167	-9.1	-2.2	-1.6	-1.5	5.2	-5.6	-10.8	-2.1	5.1	7.0	FOX2; orf19.1809
6323	-26.5	-24.4	-22.5	-8.9	2.2	-23.3	-43.4	-26.0	1.0	-32.0	FSY1; orf19.4384
8500	-3.5	-3.8	-3.9	-2.4	1.0	-1.7	-3.9	-4.1	-1.9	-1.6	GAC1; orf19.7053
6481	-8.3	-15.8	-9.4	-4.0	-3.0	-1.4	-4.7	-4.7	-1.5	-2.7	GAL1; orf19.3670
6483	-9.7	-25.3	-13.5	-6.7	-2.7	-1.9	-7.0	-5.5	-3.2	-4.6	GAL10; orf19.3672
6486	-3.1	-5.2	-3.7	-5.3	1.0	1.0	-2.0	-1.7	-2.5	-2.0	GAL7; orf19.3675
4609	-2.4	-2.2	-3.2	-1.9	1.0	-2.0	-1.9	-2.5	-2.6	-4.7	GAP1; orf19.4304
7739	-27.9	-20.3	-10.1	-11.3	1.0	-23.8	-230.7	-58.1	-2.9	1.0	GAP13; orf19.6993
713	-5.9	-6.1	-7.9	-10.1	-2.7	-3.5	-7.4	-4.8	-2.6	-1.9	GAP21; orf19.3195
6768	-5.4	-5.1	-5.4	-7.1	-2.0	-2.8	-3.7	-3.4	-2.0	-1.3	GAP22; orf19.6659
2026	-21.0	-16.6	-16.2	-6.9	-4.9	-8.3	-11.5	-8.7	1.0	-4.5	GCA1; orf19.4899
649	-32.2	-29.9	-26.5	-7.4	-7.6	-11.6	-22.0	-11.3	1.0	-5.5	GCA12; orf19.999
5290	-3.3	-2.5	-2.4	-2.2	-1.6	-2.4	-1.9	-1.5	-1.7	1.0	GCN4; orf19.1358
3428	-3.8	-2.3	-2.4	-2.3	1.0	1.0	-2.4	-1.9	1.0	1.0	GDH2; orf19.9738
1595	-3.3	-4.8	-4.1	-3.5	-1.5	-3.2	-2.7	-3.4	-10.8	-55.3	GLY11; orf19.986
2846	-3.0	-3.0	-3.8	-3.0	-1.6	-1.9	-2.9	-3.8	-2.1	-2.8	GNP1; orf19.8784
8914	-7.8	-4.4	-5.4	-8.2	1.0	-3.5	-9.1	-15.3	-1.8	1.0	GNP2; orf19.7566
8913	-2.9	-2.4	-3.5	-2.5	1.0	-1.7	-3.1	-2.8	-2.0	-3.2	GNP3; orf19.7565
4093	-2.9	-1.7	-2.2	-1.5	1.0	-2.6	-2.1	-2.0	-3.6	-1.1	GPD1; orf19.1756

271	-3.8	-3.6	-2.7	-2.1	1.4	-4.9	-3.3	-2.7	1.0	1.9	GST3; orf19.720
4097	-5.5	-7.5	-6.4	-3.6	-1.8	-4.3	-3.9	-4.4	-6.5	-7.1	HEM1; orf19.10132
6479	-32.4	-69.1	-77.7	-34.1	-2.7	-2.1	-21.6	-14.2	-2.0	-17.6	HGT2; orf19.3668
6670	-4.6	-3.0	-2.5	-2.7	1.0	-2.8	-2.7	-5.1	1.0	1.9	HNM4; orf19.2946
3190	-8.7	-4.3	-7.2	-5.2	-2.3	-3.8	-3.2	-3.4	-2.2	-2.0	HOS4; orf19.4728
3314	-82.7	-56.9	-22.2	-15.3	-1.8	-34.3	-29.9	-23.3	-3.0	-4.0	HRQ2; orf19.5037
1362	-3.9	-2.7	-2.9	-3.1	1.0	-2.7	-2.6	-2.5	-3.3	1.0	HRQ4; orf19.13019
2627	-5.0	-5.1	-3.7	-1.7	-1.9	-3.1	-4.9	-2.3	-1.7	1.0	HSP70; orf19.4980
2746	-2.6	-3.8	-3.8	-1.5	1.0	-2.3	-2.9	-3.0	-3.6	-2.9	HSR1; orf19.11452
2379	-5.8	-12.6	-8.3	-6.4	-2.8	-3.1	-3.8	-3.7	-2.1	-2.1	HXT63; orf19.2020
6993	-20.8	-25.6	-9.9	-1.7	2.8	-10.4	-26.4	-8.2	3.0	4.7	ICL1; orf19.6844
2426	-4.3	-2.4	-2.2	-2.8	-1.9	0.0	-2.1	-2.1	1.0	1.0	IRE1; orf19.12534
8683	-2.9	-2.3	-2.0	-2.2	1.2	-3.4	-5.9	-4.7	9.5	5.3	ITR1; orf19.5447
8607	-28.6	-34.8	-19.8	-39.1	-11.4	-16.3	-16.8	-39.7	-19.8	-22.2	JEN1; orf19.7447
991	-12.0	-50.9	-6.5	-6.6	1.0	-8.6	-48.2	-8.1	7.0	13.0	JEN2; orf19.5307
2114	-4.9	-2.7	-4.0	1.0	1.0	-2.9	-2.5	-2.0	-3.8	-2.5	JJJ3; orf19.9568
3149	-4.7	-7.6	-4.8	-2.7	1.0	-2.3	-6.9	-4.7	-2.2	-1.5	KNS1; orf19.12446
8523	-2.8	-4.4	-5.2	-2.3	1.4	-2.8	-2.9	-5.4	-2.8	-1.1	KRE6; orf19.7363
1538	-16.4	-138.1	-33.8	-52.3	-18.8	-4.7	-25.5	-88.6	-14.1	-16.2	LDG11; orf19.2870
484	-4.7	-2.9	-3.7	-1.7	-1.6	-2.7	-2.1	-2.8	-2.6	-2.7	LEU3; orf19.4225
2459	-2.6	-2.7	-2.8	-2.1	1.0	-1.6	-2.1	-1.9	-1.5	1.0	LST4; orf19.871
5571	-2.3	-1.4	-1.9	-1.5	1.6	-4.5	-4.6	-3.4	-4.6	-7.9	LYP2; orf19.2337
4657	-2.1	-2.3	-3.2	1.0	1.7	-2.7	-2.3	-2.4	-7.6	-5.4	MAK16; orf19.5500
9016	-13.0	-18.4	-19.7	-6.1	1.0	-10.8	-13.1	-22.6	-3.1	1.0	MAL2; orf19.7668
5657	-7.8	-20.5	-36.0	-25.5	-2.6	-2.0	-4.4	-17.0	-7.0	-4.1	MAL31; orf19.3981
1709	-5.2	-3.7	-3.1	-3.4	-1.8	-3.2	-5.9	-4.0	-30.3	-10.3	MDN1; orf19.12161
6912	-46.5	-14.5	-7.7	-1.8	1.3	-7.5	-23.1	-15.8	-6.7	1.0	MEP2; orf19.5672
6645	-4.6	1.0	1.0	1.4	1.0	-5.0	-5.9	-3.9	-2.8	-2.8	MET1; orf19.5811
7196	-2.9	-2.5	-2.5	1.0	1.0	-1.4	-2.0	-2.5	-1.7	1.0	MET30; orf19.3301
1080	-2.2	-2.1	-2.1	-2.2	1.0	-2.0	-1.9	-2.4	-2.4	-2.2	MGA2; orf19.9320
3170	-2.7	-6.1	-5.1	-4.8	1.0	-1.8	-5.6	-7.7	-7.2	-12.5	MIG1; orf19.4318
8315	-12.6	-12.0	-13.7	-5.1	-3.8	-5.1	-6.7	-6.9	-2.7	-2.1	MIG2; orf19.5326
7378	-34.5	-5.9	-3.9	-1.5	2.7	-24.4	-26.9	-4.8	2.4	4.7	MLS1; orf19.4833
803	-2.1	-1.5	-1.8	1.0	1.0	-2.7	-2.8	-2.6	-5.1	-4.8	MPP10; orf19.9471
2334	-2.0	-1.8	-2.1	1.0	1.0	-3.8	-3.4	-2.8	-7.5	-7.4	MRD1; orf19.9215
7662	-3.7	-2.2	-3.4	-2.3	1.0	-5.1	-4.5	-4.3	-6.5	-6.5	MUP1; orf19.5280
2470	-6.0	-3.8	-3.7	-2.8	-2.2	-3.7	-3.4	-2.9	-1.9	-1.4	NAG1; orf19.9703
4598	-3.0	-1.8	-1.7	1.0	1.0	-2.1	-1.5	-1.7	-2.8	-2.3	NAR1; orf19.4757
4742	-2.6	-2.6	-3.6	-2.1	1.0	-2.8	-2.4	-2.7	-3.4	-2.8	NDT801; orf19.2119
7488	-4.6	-4.4	-2.2	-3.0	-1.6	-1.4	-2.7	-2.1	1.0	-1.5	NFU1; orf19.2067

4981	-1.7	-1.6	-2.0	1.0	1.0	-2.7	-3.6	-2.3	-6.5	-7.0	NIP7; orf19.3478
804	-2.6	-4.1	-3.7	-2.9	1.0	-2.2	-3.3	-3.5	-3.4	-11.3	NNT99; orf19.11600
7341	-2.5	-1.8	-2.0	1.0	1.0	-4.1	-3.4	-2.9	-10.0	-8.9	NOB1; orf19.6955
8544	-1.9	-2.0	-2.2	-1.5	1.0	-4.9	-3.7	-3.4	-11.7	-7.8	NOG1; orf19.7384
4912	-2.3	-1.8	-2.2	1.3	1.6	-2.8	-2.4	-2.1	-6.5	-5.9	NOG2; orf19.5733
1101	-2.1	1.0	-2.0	1.4	1.5	-4.2	-2.6	-2.0	-4.2	-1.4	NOP8; orf19.1091
4033	-3.6	-2.3	-3.3	-3.2	1.0	-2.5	-3.2	-2.5	1.0	1.0	NTG1; orf19.5098
8731	-6.1	-5.4	-6.5	-4.3	-1.9	-2.4	-3.1	-4.9	-5.8	-5.0	NTH1; orf19.7479
4640	-2.0	-1.4	-1.6	-1.5	1.0	-2.1	-1.9	-1.7	-1.6	-1.6	NUP1; orf19.5710
5476	-9.1	-15.0	-7.5	1.0	1.0	-7.6	-26.0	-11.0	1.0	2.7	OPT22; orf19.3746
1165	-2.6	-2.2	-2.0	-1.5	1.0	-3.2	-2.9	-3.5	-2.9	-2.8	orf19.10680; Sim to YFL023w
2579	-20.5	-48.8	-44.0	-6.7	-2.8	-3.2	-10.7	-7.7	-1.9	1.4	orf19.10876; Sim to YBL049
2581	-2.1	1.0	-1.8	1.0	2.4	-1.5	-1.5	-2.1	-3.4	-2.4	orf19.10878; Sim to YNL186w
2792	-5.7	-12.0	-3.0	-2.8	-2.1	-2.2	-1.9	-2.4	-1.7	1.0	orf19.10952
4989	-3.3	-2.5	-2.4	1.0	1.0	-2.3	-2.4	-2.2	-2.3	-2.5	orf19.10974; Sim to YPL207w
2983	-2.8	-1.8	-1.8	-2.2	2.0	1.0	-1.7	-2.1	1.4	1.7	orf19.1107; Sim to YDL173w
1199	-9.3	-9.1	1.0	3.3	14.7	-5.1	-5.5	-3.1	2.8	3.0	orf19.1124
550	-7.3	-19.2	-31.3	-22.6	-6.6	-7.6	-18.3	-67.2	-41.6	-16.4	orf19.11350
5135	-32.9	-8.9	-19.7	-15.2	-8.2	-6.9	-11.4	-12.0	-4.6	1.0	orf19.11394
3441	-3.0	-3.3	-4.1	-3.7	1.0	-2.7	-2.4	-2.6	-2.4	-7.3	orf19.1168
5204	-9.5	-6.7	-4.8	-2.4	1.0	-6.1	-6.9	-6.7	-5.1	-3.7	orf19.11758
1848	-1.7	-2.3	-2.4	-9.4	1.0	-2.3	-1.6	-1.9	-1.9	-2.0	orf19.11817; Sim to YPR009w
7251	-15.0	-24.1	-75.1	-5.8	-7.0	1.0	-24.9	-9.2	-37.3	-34.3	orf19.11918; sim to YGR044c
1623	-9.7	-8.3	-3.9	-2.3	-1.7	-2.9	-8.5	-3.8	1.0	1.0	orf19.12346; Sim to YBR203w
5078	-7.3	-12.2	-3.4	-7.1	1.0	-4.3	-3.8	-5.9	3.2	1.0	orf19.1239
2432	-3.3	-2.8	-2.2	-1.6	1.0	1.0	-2.1	-2.0	-1.9	1.0	orf19.12415
5722	-4.1	-2.3	-2.0	-6.4	-1.9	1.0	-5.5	-5.7	-2.1	1.0	orf19.1255
2897	-2.9	-2.0	-2.0	-7.0	1.0	1.0	-2.7	-3.7	-2.0	1.0	orf19.1274
2900	-2.4	-4.1	-2.9	1.0	1.0	-2.4	1.0	-2.5	1.0	1.0	orf19.1277
4238	-1.8	-6.2	-4.7	-2.5	-1.7	-3.4	-12.2	-5.4	-2.0	-1.8	orf19.1287
4784	-12.0	-22.6	-20.8	-40.5	-1.8	-9.0	-14.1	-31.6	-34.1	-26.9	orf19.13070
151	-1.8	-2.1	-2.5	1.0	1.4	-2.9	-2.2	-2.1	-3.1	-2.8	orf19.13127; Sim to YGR150c
979	-2.9	-3.9	-3.8	-1.4	1.0	1.0	-1.5	-2.4	1.3	1.9	orf19.1350
3478	-7.2	-4.1	-4.4	-4.6	-1.8	-3.6	-6.3	-7.7	-4.0	-1.4	orf19.136; Sim to YBR043c
5295	-29.0	-123.6	-34.3	-1.6	2.0	-1.8	-3.5	-5.9	-1.9	1.0	orf19.1363; Sim to YOR338w
291	-2.1	-2.4	-2.8	1.0	1.0	1.0	-2.5	1.0	1.6	2.9	orf19.1368
383	-2.0	1.0	1.0	1.9	2.5	-2.3	-2.5	-1.6	-4.6	-3.7	orf19.13978; Sim to YGR145w
5356	-3.6	-2.7	-3.1	-2.0	-1.5	-2.3	-1.8	-2.2	-2.6	-2.4	orf19.1403; Sim to YNL083w
1039	-5.7	-7.8	-4.9	-3.7	-2.3	-2.8	-2.8	-3.1	1.0	1.0	orf19.1433; Sim to YOR084w
1060	-2.4	-2.2	-2.7	-1.9	1.0	-3.6	-2.9	-3.2	-3.7	-3.7	orf19.1441

1072	-2.5	1.0	1.0	-3.2	1.0	1.0	-5.3	-2.4	2.1	1.8	orf19.1594
1580	1.0	-1.7	-2.4	1.0	1.0	1.0	-2.0	-2.3	-3.1	-1.7	orf19.1806
3433	-4.4	-5.7	-5.9	-3.0	-1.7	-1.9	-3.8	-2.5	1.4	2.5	orf19.1826
1220	-4.7	-3.4	-1.8	1.3	1.3	-2.1	-6.2	-2.8	-3.7	-1.9	orf19.1830
1265	-5.2	-8.5	-8.6	-5.7	-3.2	-3.2	-3.1	-3.9	-4.8	-3.2	orf19.1906
5038	-2.1	1.0	1.0	1.0	1.0	-2.1	-1.5	-1.6	-2.7	-2.7	orf19.1966; Sim to YCR047c
5987	-4.1	-22.6	-8.2	-2.7	1.0	-1.9	-5.5	-3.6	1.5	-1.4	orf19.2048
7479	-20.4	-9.3	-7.0	-7.4	-6.1	-5.9	-8.3	-7.3	-2.7	-3.4	orf19.2076; Sim to YMR130w
5916	-3.1	-3.4	-2.9	-3.5	1.9	-2.1	-2.7	-1.8	-2.0	-3.5	orf19.22; Sim to YLR251
1319	-3.7	-2.3	-2.6	-2.0	1.0	-2.4	-3.4	-2.7	-1.9	-1.3	orf19.2226
5888	-2.9	-2.1	-2.2	1.0	1.0	-2.1	-2.4	-2.3	-2.5	-1.4	orf19.2258
274	-4.1	-2.5	-2.3	-2.2	1.0	1.0	-2.3	1.0	1.0	1.4	orf19.226; Sim to YNR046
1373	-15.7	-4.5	-5.6	-4.3	-3.2	-3.9	-6.0	-14.0	-2.2	-2.3	orf19.2296
1328	-21.7	-18.8	-5.3	-5.9	1.0	-7.1	-31.3	-11.8	-46.2	-4.4	orf19.2356; Sim to YNL027w
1383	-2.5	-1.3	-2.6	-3.3	1.0	-2.5	-2.2	-2.6	-1.9	-2.1	orf19.2376; Sim to YOR258w
3862	-1.8	-2.4	-2.0	1.0	1.0	-2.3	-2.6	-2.1	-4.3	-3.6	orf19.2386; Sim to YKL099
3856	-2.6	-1.5	-1.7	-1.7	1.0	1.0	-1.4	-1.9	-2.2	-2.2	orf19.2392
87	-7.2	-3.5	-2.3	-2.3	-3.2	-5.2	-6.0	-2.3	-3.6	-1.5	orf19.2552; Sim to YGL167c
3595	-3.5	-1.8	-2.4	1.2	1.5	-2.0	-2.2	-2.1	-3.2	-4.1	orf19.2604; Sim to YNL022c
5489	-14.7	-13.1	-13.6	-8.1	1.0	-10.1	-46.5	-28.6	-2.0	-2.4	orf19.2701
2518	-2.5	-2.5	1.0	1.0	1.0	-2.0	-2.3	-3.9	-3.2	-3.4	orf19.2726; Sim to YKL051
1475	-5.9	-1.8	-2.0	1.0	1.0	-2.8	-5.5	-5.8	-3.6	-2.6	orf19.2778; Sim to YKL014c
1476	-3.5	-2.4	-3.9	-2.7	1.6	-2.2	-2.0	-3.9	-2.3	1.0	orf19.2779
1477	-2.6	-2.2	-3.2	-2.0	1.6	-1.7	-2.1	-3.4	-2.0	1.0	orf19.2780
1981	-6.5	-2.4	-2.1	1.0	-2.8	-4.1	-4.1	-1.5	1.0	-1.8	orf19.2989; Sim to YNL274c
6925	-41.6	-18.5	-11.6	-26.4	-10.5	-21.6	-73.5	-22.0	-77.2	-93.1	orf19.3120; Sim to YOL075c
3201	-2.0	-1.4	-1.7	1.0	1.0	-2.6	-2.4	-2.5	-3.8	-4.1	orf19.3220; Sim to YDR339c
6100	-2.7	-3.2	-3.0	-2.1	1.0	-2.0	-2.5	-3.7	-2.0	1.0	orf19.3425
6466	-6.7	-11.0	-9.1	-9.4	-4.4	-2.5	-6.6	-7.5	-3.9	-1.7	orf19.3439
7231	-32.9	-54.2	-76.6	-22.9	-11.0	-5.3	-14.3	-14.9	-3.1	-2.0	orf19.347
4980	-2.8	-1.5	-2.2	1.0	1.7	-3.7	-2.2	-2.5	-3.9	-4.1	orf19.3479
7232	-5.9	-5.7	-6.1	-4.7	-2.6	-3.2	-5.7	-5.0	-4.3	-2.4	orf19.348; Sim to YPR159w
4359	-7.8	-7.8	-2.0	-4.9	1.0	-8.0	-37.5	-24.3	-8.2	1.0	orf19.3499
5760	-2.7	-2.6	-2.9	-3.7	1.0	-1.7	-2.3	-2.9	-1.6	1.0	orf19.3569; Sim to YLR407wp
2224	-1.6	-1.8	-2.1	-1.6	1.0	1.0	-2.0	-2.1	-1.7	-2.9	orf19.3603; Sim to YDL223w
6477	-2.0	1.0	1.0	1.0	1.0	-1.9	-2.1	-1.8	-3.2	-2.3	orf19.3666; Sim to YGR093w
2070	-6.1	-3.5	-4.3	-2.1	-2.5	-2.3	-4.1	-3.1	-2.3	-1.7	orf19.378
1130	-4.4	-3.1	-2.3	-1.8	1.0	-2.4	-2.1	-3.3	-1.9	1.0	orf19.3781; Sim to YOL092w
7521	-2.7	-3.2	-3.0	-2.0	1.0	-1.4	-2.4	-3.8	-3.3	-1.7	orf19.3826; Sim to YKR100
7526	-2.8	-1.8	-2.7	1.0	1.6	-3.7	-2.2	-2.1	-3.5	-2.5	orf19.3831; Sim to YGR280c

5146	-5.0	-2.2	1.0	1.0	1.5	-2.2	-3.0	-1.6	1.0	2.8	orf19.3902; Sim to YNR061c
5651	-6.3	-2.5	-3.2	-4.8	-3.0	-10.6	-2.6	-2.5	-2.3	-3.2	orf19.3975
2451	-2.9	-4.9	-3.3	-2.3	-1.4	1.0	-2.0	-2.2	-2.4	-1.5	orf19.4056; Sim to YMR136w
2483	1.0	1.0	-3.4	-3.8	1.0	-3.5	1.0	-3.0	3.8	1.0	orf19.4065
554	-3.5	-5.4	-5.9	-5.9	-1.4	-2.4	-4.1	-9.8	-7.7	-7.9	orf19.4150; Sim to YBR014c
3898	-4.9	-4.0	-3.9	-2.5	-1.8	-3.4	-2.6	-3.4	-4.1	-7.8	orf19.417; Sim to YGR257c
3489	-2.2	-1.9	-2.1	1.0	1.0	-4.4	-3.2	-2.8	-9.5	-9.4	orf19.4268; Sim to YLR222c
3484	-2.3	-2.1	-2.4	1.0	1.5	-2.4	-2.9	-2.3	-3.9	-5.7	orf19.4273
5205	-4.0	-5.4	-4.9	-2.2	-1.5	-5.1	-6.9	-6.0	-6.4	-4.3	orf19.4281; Sim to YLR223
6500	-5.5	-4.2	-3.2	-2.9	-2.4	-2.4	-3.2	-2.6	-2.5	-1.9	orf19.431
6321	-24.1	-30.9	-27.5	-6.8	1.2	-25.5	-55.3	-26.9	-1.5	-44.0	orf19.4386
6308	-2.5	-2.0	-2.6	1.0	1.0	-3.0	-2.6	-2.6	-5.9	-3.8	orf19.4399; Sim to YNL119w
7258	-34.1	-23.4	-22.2	-4.6	-1.8	-5.3	-14.6	-24.8	-2.1	-1.6	orf19.4445
7268	-2.0	-1.8	-1.9	-1.5	1.0	-2.1	-2.5	-2.6	-2.2	-2.5	orf19.4455
3095	-1.6	-1.3	-2.2	1.4	1.0	-2.2	-1.9	-2.2	-7.9	-7.8	orf19.4563; Sim to YMR310c
1840	-3.5	-2.8	-4.9	1.0	1.0	-4.3	-2.9	-2.8	-5.4	-3.7	orf19.4634; Sim to YGL211
4066	-2.5	-2.2	-1.9	-1.3	1.0	-2.8	-2.3	-2.3	-2.1	-2.2	orf19.4670
2086	-32.0	-16.2	-13.9	-2.9	-3.7	-18.9	-10.0	-9.3	-2.2	-6.2	orf19.4735; Sim to YGL159
4902	-2.7	-2.5	-2.5	-1.4	1.6	-1.7	-2.2	-3.8	-3.1	-2.3	orf19.4792
1470	-2.1	-1.8	-3.0	1.0	1.0	-2.8	-2.9	-2.3	-6.1	-4.7	orf19.4794
5222	-2.2	-2.5	-1.9	-1.7	1.0	-3.2	-2.6	-2.2	-1.6	-1.8	orf19.4816; Sim to YMR209
7376	-2.5	-2.1	-1.9	1.0	1.0	-2.7	-2.6	-3.2	-9.3	-9.3	orf19.4835; Sim to YER082c
3754	-5.1	-6.1	-4.2	-2.1	-2.2	-1.8	-2.8	-2.0	1.0	1.0	orf19.4907; Sim to YCR061w
1485	-3.6	-4.0	-3.4	-3.0	-1.5	-2.9	-3.2	-3.4	-2.8	-1.7	orf19.4952
858	-5.6	1.0	-3.3	1.0	1.0	1.0	-4.2	-2.9	1.0	1.0	orf19.4976
7989	-4.2	-3.6	-4.6	1.0	1.8	-4.5	-2.5	-2.9	-5.2	-3.6	orf19.5020
6724	-2.7	1.0	1.0	1.0	1.0	-2.0	-2.2	-1.7	-4.7	-4.4	orf19.512; Sim to YNL132w
3451	-3.2	-1.8	-2.0	1.0	1.3	-3.3	-2.6	-2.3	-4.3	-4.2	orf19.5208; Sim to YIL103
7660	-3.2	-3.3	-1.6	-3.1	1.0	1.3	-1.5	-1.8	1.9	2.3	orf19.5282; Sim to YHR131c
8345	-2.2	-1.6	-1.8	-1.3	1.0	-4.1	-3.3	-2.7	-6.1	-5.3	orf19.5356; Sim to YNL313c
8672	-2.6	-2.5	-2.4	-1.6	1.0	-4.7	-3.8	-2.9	-8.0	-6.7	orf19.5436; Sim to YGR128c
3246	-14.5	-14.3	-4.6	-4.9	1.6	-9.0	-8.9	-9.8	-1.5	2.6	orf19.5565
5067	-4.6	-3.4	-3.7	-2.4	1.0	-3.4	-3.1	-3.2	-2.1	-2.2	orf19.5605; Sim to YKR021w
4502	-4.8	-3.7	-3.7	-2.0	-2.1	-2.0	-3.1	-2.8	-2.3	-2.1	orf19.5633
4911	-2.2	1.0	-1.5	1.8	2.2	-2.4	-1.5	-1.6	-3.9	-2.4	orf19.5732; Sim to YNR053
557	-7.5	-8.6	-5.5	-1.9	1.0	-2.8	-4.3	-3.9	-1.8	1.0	orf19.5754; Sim to YLR023c
4046	-2.6	-3.2	-2.9	-2.2	-1.6	-1.7	-2.1	-2.7	-2.5	-2.1	orf19.5813; Sim to YOR052c
5697	-4.8	-7.4	-6.3	-3.8	-2.8	-3.6	-3.7	-3.3	-3.1	-2.8	orf19.583; Sim to YJR078w
4945	-5.9	-10.1	-5.2	-2.2	-2.7	-2.6	-4.4	-5.0	-8.1	-5.0	orf19.5843
9045	-9.8	-14.5	-10.3	-13.4	-5.3	-7.8	-10.7	-14.9	-30.5	-15.6	orf19.5992

9044	-8.9	-5.9	-15.0	-19.7	-3.5	-3.7	-39.1	-3.7	-4.2	-2.9	orf19.5993
5130	-2.3	-4.5	-4.9	-2.7	-1.3	-2.8	-2.2	-2.4	-3.1	-2.1	orf19.6226
5129	-2.3	-2.8	-3.2	-1.8	1.0	-2.3	-1.9	-2.7	-3.9	-1.8	orf19.6227
1074	-26.9	-44.0	-21.7	-18.5	-4.9	-5.6	-28.8	-14.4	-8.3	-2.7	orf19.6489; Sim to YDL222c
6769	-13.7	-26.7	-10.5	-4.3	-3.1	-3.2	-9.6	-12.2	-8.2	-7.5	orf19.6660; Sim to YHR131C;
6797	-58.5	-43.4	-92.4	-87.4	-1.5	-44.9	-55.3	-119.4	-29.4	-2.8	orf19.6688
6859	-2.1	-2.1	-2.3	1.0	1.0	-4.0	-3.2	-2.6	-6.6	-7.0	orf19.6710
6885	-1.7	-2.5	-2.3	1.0	1.0	1.0	-2.0	-2.3	-2.2	-3.1	orf19.6736; Sim to YOR205c
8825	-20.1	-4.2	-4.2	-1.6	1.4	-10.8	-9.6	-5.2	1.0	1.0	orf19.6806
8824	-4.6	-2.5	-2.1	-2.3	1.0	-4.0	-23.1	-4.1	1.0	1.0	orf19.6807; Sim to YIL082W-A
6574	-2.7	1.0	-2.2	-3.0	1.0	1.0	1.0	1.0	1.0	2.4	orf19.681
7159	-5.4	-3.2	-2.9	-2.2	-2.2	-2.3	-4.0	-3.4	-10.2	-2.4	orf19.6895
4013	-4.8	-2.5	-2.0	-5.1	1.0	-2.6	-2.8	-2.1	1.0	1.0	orf19.695
7724	-5.9	-4.6	-3.3	-3.5	-2.8	-2.7	-2.5	-2.5	-3.9	-3.4	orf19.6978
8462	-4.0	-2.7	1.0	1.0	3.1	-2.4	-3.4	-2.5	-2.5	-2.0	orf19.7091
522	-4.8	-1.2	1.9	3.4	6.0	-2.0	-2.8	-3.7	-3.9	-1.6	orf19.711; Sim to YOR053w
8030	-2.3	-2.1	-4.1	-4.4	1.0	-2.3	-1.9	-3.5	1.0	2.5	orf19.7130
8058	-2.7	-3.7	-4.7	-1.8	-1.6	1.0	-2.0	-2.2	-1.5	1.0	orf19.7158; Sim to YIL166c
8097	-2.9	-1.9	-2.4	1.0	1.0	-5.3	-3.7	-3.6	-15.3	-14.2	orf19.7197; Sim to YLR002c
8154	-2.7	-2.1	-2.9	-1.5	1.0	-2.4	-1.9	-1.9	-2.6	-2.2	orf19.7254; Sim to YPL005w
8364	-195.4	-179.8	-36.3	-35.3	-26.9	-13.2	-26.0	-26.5	-12.2	-6.4	orf19.7283
8387	-5.3	-4.4	-2.3	1.0	3.2	-2.5	1.0	-1.9	2.2	3.4	orf19.7306; Sim to YPR127w
8516	-2.6	-1.3	-3.3	-6.2	1.0	1.3	1.0	-3.0	-1.8	1.5	orf19.7356
8556	-5.7	-4.1	-3.4	-4.3	-1.8	-3.8	-3.9	-3.6	-6.1	-3.9	orf19.7396
8712	-2.7	-1.6	-1.8	1.0	1.0	-3.5	-2.3	-2.1	-2.1	-2.3	orf19.7460; Sim to YOL125w
8720	-5.6	-6.5	-9.8	-5.0	-2.1	-1.9	-2.7	-2.1	1.0	1.6	orf19.7468; Sim to YIL056w
8902	-1.8	-2.4	-2.6	-1.8	3.7	-2.0	-2.6	-2.6	-3.4	-2.3	orf19.7554; Sim to YPR138w
8967	-4.5	-3.7	-4.2	-2.5	1.0	-1.8	-3.8	-3.3	1.0	1.0	orf19.7619; Sim to YHR194w
1372	-4.2	-2.3	-2.2	1.0	1.0	-1.7	-2.5	-1.9	1.0	1.0	orf19.7724; Sim to YIL137c
490	-7.2	-4.3	-2.5	-2.9	-1.6	-1.4	-3.2	-2.2	1.0	1.8	orf19.7747; Sim to YJR107
276	-7.6	-3.2	-5.7	-3.4	-2.2	-2.8	-3.5	-3.6	-4.3	-3.7	orf19.7854; sim to YNR047
6704	1.0	-1.4	-2.0	1.1	1.0	-4.3	-4.5	-3.7	-10.6	-9.3	orf19.813
45	-4.1	1.0	-2.5	-2.1	1.4	1.4	1.0	-2.4	-2.0	1.4	orf19.815; Sim to YLR422w
131	-2.7	-1.7	1.4	2.0	2.8	1.0	-1.5	-2.3	-1.5	2.8	orf19.8292
1793	-16.6	-19.2	-10.8	-6.3	-6.5	-8.8	-18.3	-13.0	-3.5	-5.5	orf19.8300
350	-2.7	-2.1	-2.6	1.0	1.0	-2.2	-3.3	-2.6	-1.6	-1.3	orf19.8688
5077	-14.6	-5.1	-3.2	-3.2	1.0	-9.1	-3.1	-21.3	-3.8	-3.0	orf19.8825; Sim to YPR117
2245	-2.3	-1.8	-2.0	-2.4	1.0	-1.8	-1.6	-1.8	-2.1	-2.0	orf19.8971; Sim to YIL006w
154	1.4	1.0	1.0	-2.6	1.0	1.4	-1.3	1.0	-2.0	-2.3	orf19.9011; Sim to YNR074c
6426	1.0	-1.9	-2.0	1.0	1.0	-1.7	-2.7	-2.2	-4.9	-5.3	orf19.9142; Sim to YGR090w

568	-6.8	-21.0	-17.1	-10.6	-6.0	-4.7	-7.8	-6.5	-6.6	-3.5	orf19.915
1644	-7.7	-5.7	-4.0	-8.1	2.9	1.0	-3.9	-6.4	1.3	3.6	orf19.918; Sim to YOR153w
1643	-7.5	-9.8	-5.7	-6.4	2.0	1.0	-5.7	-6.8	1.0	1.6	orf19.919; Sim to YOR153w
2337	-3.1	-1.4	-2.4	1.0	1.0	-4.0	-3.4	-1.8	-4.8	-3.3	orf19.9212
5542	-2.5	-4.1	-3.3	-2.0	-1.6	-2.2	-2.4	-3.2	-4.0	-1.9	orf19.9844; Sim to YIL107c
3855	-1.9	-1.9	-2.0	1.0	1.0	-1.5	-2.1	-2.1	-2.4	-2.2	orf19.9929
6463	-3.6	-7.8	-7.8	-5.5	-2.8	-3.8	-7.0	-10.7	-5.8	-10.6	OYE23; orf19.3442
5868	-1.8	-2.0	-1.4	2.1	1.0	1.0	3.2	1.0	2.7	2.3	OYE99; orf19.3131
5717	-2.4	-3.3	-2.3	-1.7	1.0	1.0	-1.9	-3.6	-2.2	-1.7	PDE2; orf19.2972
1103	-3.0	-1.8	-1.7	1.3	1.3	-2.6	-3.1	-1.8	2.5	3.9	PEX11; orf19.8690
4408	-5.8	-2.8	-2.6	-5.0	-2.2	-2.7	-3.2	-2.5	1.3	1.8	PEX4; orf19.11524
7413	-4.1	-2.6	-2.7	-1.8	1.3	-1.9	-2.4	-3.2	-2.5	-2.1	PHO2; orf19.4000
66	-2.0	-4.2	-1.4	1.0	1.0	-1.3	-2.8	-2.0	-2.2	-1.9	PHR3; orf19.377
474	-11.8	-3.9	-2.3	-1.9	-3.7	-4.6	-10.9	-6.8	-5.1	-4.5	PIR1; orf19.7851
3140	-5.7	-3.2	-1.4	-2.4	13.9	-5.7	-4.4	-2.8	2.9	13.4	POX102; orf19.1655
7198	-2.1	-1.7	-2.3	1.0	1.0	-3.1	-2.7	-2.3	-4.5	-5.4	PPM2; orf19.3303
1035	-3.5	-2.9	-2.0	1.0	1.0	1.0	-2.8	-1.6	2.5	3.5	PRB11; orf19.9783
8096	-10.1	-5.4	-3.5	-1.8	1.0	-4.8	-6.5	-3.9	1.0	1.6	PRB12; orf19.7196
7633	-2.3	-1.6	-1.3	-1.3	1.0	-1.4	-1.9	-2.4	-2.3	-2.7	PRM10; orf19.6527
8800	-3.3	-2.6	-2.8	1.0	1.0	-3.4	-3.0	-2.3	-2.6	-2.5	PRP5; orf19.6831
6047	-2.3	-7.8	-2.8	3.3	1.8	-2.1	-2.0	1.0	4.6	6.0	PSA1; orf19.4943
8611	-4.1	-4.6	-2.8	-1.9	1.0	-1.8	-5.5	-2.5	-1.7	1.0	PSK2; orf19.7451
366	-3.0	-2.6	-3.2	-2.3	-1.5	-3.4	-3.1	-3.7	-5.0	-4.3	PTC2; orf19.10072
2734	-3.7	-2.1	-1.7	-1.5	3.8	-2.2	-2.4	-2.4	-1.6	1.0	PTK2; orf19.3415
7323	-12.0	-16.4	-13.6	-8.1	-2.7	-5.2	-5.1	-8.3	-3.5	-3.3	PTR22; orf19.6937
4982	-2.6	-2.4	-2.8	1.0	1.0	-3.7	-3.1	-2.8	-6.6	-7.1	PUS1; orf19.3477
3112	-17.9	-11.6	-7.9	-4.2	-1.9	-7.5	-5.5	-11.4	-2.0	-2.7	PUT1; orf19.4274
5650	-16.8	-8.7	-7.5	-3.8	-2.8	-12.8	-6.2	-9.7	-2.6	-5.6	PUT2; orf19.3974
7163	-14.7	-79.3	-11.7	-1.7	-2.3	-3.3	-6.3	-3.4	1.0	1.6	QTH1; orf19.6899
1438	-3.3	-2.5	-3.5	-2.0	1.0	-2.6	-4.2	-4.4	-2.0	-1.5	QUP1; orf19.2633
5454	-25.3	-99.7	-14.0	-27.3	-18.3	-6.0	-15.2	-21.0	1.2	-2.5	QUP3; orf19.4682
1680	-2.6	-3.0	-2.6	-1.9	-1.4	-1.6	-2.0	-1.5	-2.2	-1.6	RFG1; orf19.2823
8459	-2.0	-2.0	-3.9	-2.0	1.7	-2.7	-17.9	-13.5	2.8	-30.7	RGT2; orf19.7094
2440	-3.2	-6.1	-4.6	-1.9	-2.8	-2.4	-3.4	-3.1	-5.2	-10.1	RIB3; orf19.12693
8147	-2.3	-2.2	-2.1	-1.8	1.0	-1.7	-2.5	-2.6	-1.8	1.0	RIM101; orf19.7247
5588	-2.0	-1.8	-2.3	1.0	1.0	-2.6	-1.9	-1.8	-5.2	-3.8	RIO1; orf19.2320
6876	1.0	1.0	-3.0	1.0	1.0	-3.2	-3.4	-2.7	-4.2	-4.6	RIT1; orf19.6727
4713	-3.8	-1.6	1.0	1.4	1.3	-2.9	-2.5	-2.0	-2.8	-2.2	RLM1; orf19.4662
4947	-2.9	-6.8	-7.4	-5.0	-2.2	-4.3	-7.0	-8.4	-7.8	-6.8	RNR3; orf19.5845
344	-2.0	-2.2	-2.6	1.0	1.0	-2.3	-2.3	-2.8	-6.6	-16.9	ROD1; orf19.1509

1627	-2.4	-2.0	-1.9	-1.5	1.0	-5.2	-2.4	-2.2	-4.6	-5.0	RPF1; orf19.10184
202	-6.7	-3.9	-2.4	-2.2	1.0	-1.8	-2.1	-1.7	1.0	1.0	RPM2; orf19.7710
273	-2.5	-2.1	-2.6	1.0	1.4	-2.7	-1.9	-2.1	-2.4	-3.1	RRN11; orf19.718
1957	-2.4	-1.9	-2.4	-1.3	1.0	-2.8	-1.9	-1.9	-5.6	-3.8	RRN3; orf19.1923
4491	-2.7	-1.9	-3.1	1.0	1.0	-4.1	-3.3	-3.0	-8.9	-9.4	RRP9; orf19.2830
5917	-5.8	-7.8	-3.6	-2.1	1.0	-2.3	-5.5	-13.4	-6.3	-2.5	RSB13; orf19.23
8438	-4.3	-3.7	-3.7	-2.5	-1.7	-3.2	-3.6	-4.9	-2.5	-2.3	SAC7; orf19.7115
7314	-2.7	-3.5	-2.4	-1.6	1.0	-1.5	-3.8	-7.9	-4.4	-2.1	SAP9; orf19.6928
5244	-3.0	-2.8	-1.9	1.0	1.6	-2.1	-2.1	-2.5	-1.6	-1.8	SAT4; orf19.11335
289	-3.2	-3.0	-2.3	-4.1	1.0	1.0	-4.6	-3.4	-1.4	-2.9	SAT499;orf19.6492
6476	-2.6	1.0	-2.0	1.0	1.0	-2.6	-2.0	-2.0	-3.8	-5.5	SET6; orf19.3665
1915	-20.7	-4.8	-4.3	-2.4	2.1	-5.9	-12.0	-5.2	4.1	7.6	SFC1; orf19.3931
1424	-2.8	-1.9	-2.0	-1.6	1.0	-1.7	-2.2	-3.1	-1.7	-2.1	SFL1; orf19.8085
8324	1.0	-1.2	1.0	-2.5	1.0	1.0	-1.5	-2.1	-2.1	-2.2	SGS1; orf19.5335
266	-7.0	-5.1	-7.0	-3.7	-2.8	-2.9	-5.4	-5.2	-2.1	-1.6	SIP5; orf19.2458
1278	-2.2	-2.2	-2.3	-1.5	1.0	-2.0	-2.5	-2.1	-2.9	-1.3	SNM1; orf19.1927
3088	-2.6	-2.7	-2.5	-1.8	1.0	-2.1	-2.1	-3.0	-2.3	-1.8	SOK1; orf19.451
267	-2.4	-1.9	-2.2	-1.4	1.0	-4.3	-3.6	-3.3	-10.4	-8.7	SPB1; orf19.76
5224	-2.1	-1.8	-1.6	1.0	1.3	-3.4	-2.3	-1.8	-3.9	-3.4	SPB42; orf19.4154
371	-2.4	-2.9	-2.2	-1.5	1.3	-2.6	-1.9	-2.0	1.0	-2.0	SPE2; orf19.568
2656	-3.9	-3.4	-3.6	-2.3	-1.5	-4.3	-2.2	-2.4	-2.1	-2.1	SPE4; orf19.4960
7149	-2.8	-3.0	-2.4	-1.5	-1.4	-2.4	-2.8	-2.3	1.0	1.0	SPO7; orf19.6885
2495	-12.3	-9.8	-4.8	-3.3	5.3	-37.8	-6.7	-22.9	2.8	5.4	SPS19; orf19.3684
8394	-4.9	-2.6	-1.8	-1.4	3.3	1.2	-1.3	-2.3	-3.3	-3.9	SSU11; orf19.7313
7053	-13.9	-16.2	-16.1	-9.3	-3.1	-5.5	-6.9	-5.7	-5.5	-1.2	SSU12; orf19.1867
5935	-3.8	-3.0	-2.6	-3.6	-1.5	1.0	-2.9	-2.8	1.0	1.0	STB3; orf19.203
9120	-6.3	-3.5	-2.2	-5.0	1.0	1.0	-2.3	-2.7	-2.0	-1.7	STP1; orf19.5917
2844	-2.5	-2.3	-2.3	-1.8	1.0	-1.6	-2.1	-2.5	1.0	1.0	STP2; orf19.4961
4041	-4.3	-7.9	-7.4	-2.6	-3.5	-3.6	-2.2	-2.9	-4.9	-4.7	SUR2; orf19.5818
1575	-2.5	-2.3	-2.4	-1.9	1.0	-2.4	-1.9	-2.6	-2.6	-1.4	SVL3; orf19.8732
2654	-4.5	-2.2	-1.7	-2.3	-2.2	-2.1	-2.8	-3.1	-2.2	-2.8	SYM1; orf19.7692
3192	-7.7	-13.2	-2.4	-1.7	6.3	-3.8	-2.7	-2.3	4.7	10.3	TES1; orf19.4121
6485	-13.0	-17.1	-16.7	-12.0	-2.0	-3.4	-8.1	-7.5	-5.6	-3.1	TGD99; orf19.3674
729	-36.0	-14.7	-7.7	-17.9	-7.4	-23.4	-27.5	-2.8	2.1	2.5	TNA11; orf19.4335
6498	-2.3	-1.6	-1.5	1.0	1.0	-2.8	-2.4	-2.2	-3.6	-2.4	TRF4; orf19.429
5027	-1.7	-1.7	-2.4	1.0	1.0	-2.1	-2.1	-1.8	-5.5	-3.8	TRM21; orf19.3327
3315	-2.1	-2.1	-2.3	-1.9	1.0	-3.0	-3.1	-4.1	-7.8	-5.7	TRM3; orf19.5038
6152	-11.1	-28.2	-8.3	-4.7	-4.6	-40.2	-11.8	-7.4	-3.7	-24.9	UGA41; orf19.5826
4747	-8.5	-5.5	-2.9	1.0	1.7	-5.7	-7.2	-4.1	1.0	1.9	URO99; orf19.2114
7977	1.0	-2.0	-3.5	-3.7	-1.5	1.0	-2.1	-6.1	-7.1	-11.0	UTH1; orf19.5032

3232	-3.2	-2.0	-2.0	-1.6	1.0	-2.9	-4.1	-3.8	-9.5	-9.3	UTP20; orf19.1733
6423	-2.6	-2.2	-2.4	1.0	1.0	-5.2	-4.5	-3.3	-10.1	-10.4	UTP21; orf19.1566
1042	-3.0	-2.6	-2.6	-1.5	1.0	-2.6	-2.5	-2.7	-1.6	1.0	WSC3; orf19.13289
6697	-18.5	-32.2	-3.3	-6.2	4.6	-9.4	-7.0	-5.3	4.8	8.9	YAT1; orf19.4551
2526	-6.7	-8.5	-3.4	-18.8	8.5	-4.3	-6.4	-4.9	7.1	20.0	YAT11; orf19.3361
285	-127.1	-89.9	-3.7	-9.5	7.2	-140.1	-118.6	-21.7	5.4	14.9	YAT12; orf19.361
4584	-168.9	-31.1	-6.5	-2.7	18.9	-9.0	-40.2	-18.9	5.4	18.6	YAT2; orf19.2809
7805	-4.1	-4.4	-7.6	-4.3	-1.8	-4.6	-3.4	-4.6	-3.5	-1.6	YFW4; orf19.6449
2156	-4.7	-9.1	-3.6	-2.6	-1.7	-2.3	-3.9	-4.6	-5.7	-4.1	YHB1; orf19.3707
8701	-3.7	-4.7	-4.1	-2.7	1.0	-3.3	-3.6	-5.5	-5.7	-4.1	YJU2; orf19.5465
122	-18.5	-11.5	-9.6	-5.2	-6.0	-6.1	-6.6	-5.2	-5.2	-3.5	ZFU3; orf19.14177
GROUP B											
5487	2.4	3.2	3.1	3.6	1.9	3.3	3.4	3.3	4.9	3.1	ABP1; orf19.2699
6438	4.2	5.5	4.9	5.0	3.9	4.1	4.5	5.9	6.2	5.4	ACB2; orf19.1634
8718	2.8	3.0	2.7	1.8	2.9	1.8	3.1	2.3	1.0	1.0	ACC1; orf19.7466
5105	1.8	3.3	4.1	2.1	3.1	2.1	1.0	3.1	5.1	5.6	ACE2; orf19.6124
1164	8.9	8.9	8.2	6.4	7.9	6.0	6.3	6.2	10.8	14.8	ACH1; orf19.10681
4925	5.9	5.9	5.2	5.3	6.1	3.9	6.4	5.9	4.7	5.6	ACS2; orf19.1064
8736	5.8	4.0	5.2	4.4	3.1	3.8	2.4	4.9	2.8	2.8	ADE1; orf19.7484
9131	2.5	4.4	4.3	2.8	2.8	1.4	1.0	3.0	1.7	1.0	ADE2; orf19.5906
4861	2.2	2.8	2.9	2.3	3.0	1.0	1.0	2.3	1.5	1.0	ADE8; orf19.5789
7787	1.6	2.7	2.3	1.7	1.9	2.0	2.8	2.9	2.8	3.8	AGE1; orf19.3050
5349	2.0	3.2	2.5	1.5	1.7	2.5	2.9	2.3	2.6	2.7	AGE2; orf19.1396
7996	10.1	12.4	15.2	9.7	6.3	10.0	10.3	13.0	12.9	10.1	AGM1; orf19.5013
6119	1.8	2.0	2.1	2.4	2.4	2.1	2.1	2.6	2.4	3.1	AGO1; orf19.2903
2149	2.1	2.9	2.3	4.0	2.4	4.3	2.5	3.4	7.4	12.5	AGX1; orf19.1079
6312	4.4	5.4	6.1	5.4	4.4	5.3	5.4	5.8	6.9	8.1	AIP1; orf19.11873
8346	3.3	4.1	4.4	3.1	2.8	3.2	4.1	3.3	4.3	3.5	AKL1; orf19.5357
7782	2.5	2.1	2.4	2.4	1.7	1.5	1.6	1.9	2.3	1.9	ALD4; orf19.3045
3077	3.8	4.0	5.0	5.3	4.1	3.0	4.3	3.2	4.9	3.7	ALG2; orf19.1221
8764	2.0	2.2	3.3	1.0	2.4	2.5	1.0	2.2	5.1	5.5	ALK3; orf19.7512
1377	50.9	58.5	45.6	30.1	52.7	39.1	70.5	46.5	34.8	49.5	ALS3; orf19.2355
1514	2.1	2.2	1.0	1.0	2.2	2.0	1.0	1.0	1.8	2.4	ANP1; orf19.3622
7590	3.0	3.5	5.0	4.0	2.6	3.0	5.1	4.5	5.9	4.6	APC1; orf19.6046
7010	2.0	3.1	2.4	2.4	2.7	2.0	2.9	3.3	4.3	7.3	APC5; orf19.6861
2049	3.2	4.3	4.9	5.7	3.5	2.1	2.7	4.5	6.2	5.5	APE3; orf19.3591
1727	3.6	6.9	7.5	3.9	3.3	2.6	5.0	5.0	8.6	7.5	APG7; orf19.8326
4885	2.1	2.6	2.8	1.8	1.5	2.1	2.0	1.8	2.2	1.8	APL6; orf19.1323
4347	2.0	3.2	3.1	1.9	1.7	3.3	3.9	4.2	3.0	3.1	APM4; orf19.2194
8588	2.5	2.5	2.3	1.8	1.6	1.9	2.4	2.3	2.6	2.3	APN1; orf19.7428

6091	2.9	3.0	5.5	4.5	3.2	3.7	1.0	3.2	5.9	4.0	ARA1; orf19.2172
5663	4.6	4.4	4.7	4.2	3.4	4.6	5.3	4.5	5.0	3.5	ARC15; orf19.6151
4163	3.5	6.3	7.8	4.7	2.8	4.1	4.4	4.1	3.5	2.9	ARG82; orf19.1377
3439	2.8	5.0	4.4	2.3	2.7	3.1	3.5	3.4	3.1	2.4	ARO7; orf19.1170
7067	2.6	3.1	3.3	3.1	2.8	2.3	2.8	2.8	3.6	3.6	ARP5; orf19.504
1619	2.1	3.3	2.9	2.5	2.0	1.6	2.8	2.6	2.0	2.2	ARP6; orf19.4904
2147	1.4	2.5	2.7	2.2	2.0	2.6	3.4	4.1	4.4	5.1	ATM1; orf19.8678
7180	2.8	3.7	3.3	4.2	4.9	3.5	2.8	4.0	3.6	3.1	ATP11; orf19.6916
3924	2.3	5.2	4.6	2.4	2.8	2.8	2.6	4.9	6.1	8.4	AUT1; orf19.6020
8453	12.8	16.7	12.7	8.8	9.6	6.5	10.7	13.8	10.5	12.6	AVT11; orf19.7100
5328	5.3	5.2	7.3	5.6	3.0	4.1	3.5	5.3	9.1	5.8	AYR1; orf19.6167
3608	2.6	3.1	3.2	2.7	2.5	3.9	3.9	2.8	6.8	5.1	BBC1; orf19.10307
3610	3.1	3.5	3.6	3.5	3.0	5.2	3.4	3.1	7.2	4.9	BBC1; orf19.10309
3369	2.0	2.3	2.8	2.3	3.8	1.7	2.2	2.8	2.3	2.9	BDP1; orf19.2528
6581	2.0	2.2	2.0	1.2	2.1	1.7	1.9	1.9	2.7	2.5	BEM3; orf19.2771
2318	4.1	5.7	6.1	4.1	3.2	3.4	5.3	6.1	6.6	7.5	BET4; orf19.1039
5391	5.4	6.8	6.0	3.8	3.0	5.6	8.2	6.2	4.6	5.8	BIK1; orf19.6170
6569	5.1	7.0	8.3	6.1	5.0	5.7	7.0	7.8	6.7	8.1	BIM1; orf19.676
5907	2.4	2.2	2.2	2.0	3.2	2.7	3.4	2.7	3.4	4.4	BNI1; orf19.4927
5745	3.7	4.4	4.1	4.4	2.6	3.6	3.2	3.5	5.7	4.6	BRO1; orf19.1670
6783	3.7	6.6	6.5	4.4	3.2	2.3	4.9	3.5	4.7	7.5	BTS1; orf19.6674
6289	3.9	4.4	4.3	3.5	2.8	3.9	4.5	4.1	5.1	5.2	BUD6; orf19.5087
3464	3.7	4.6	5.3	4.6	2.8	4.8	5.4	5.0	5.7	5.0	BUD7; orf19.1112
1066	3.5	6.3	4.3	2.8	4.2	3.7	5.7	5.1	3.7	5.1	BYC99; orf19.6080
374	2.0	2.5	2.7	2.8	1.8	2.5	3.0	3.4	4.2	4.1	BZZ1; orf19.1699
7668	4.2	5.7	4.5	2.6	3.2	3.8	3.3	2.9	4.4	3.9	CAF120; orf19.5274
2993	2.5	2.3	2.6	2.2	1.4	2.8	2.6	2.0	2.3	1.0	CAK1; orf19.8412
7066	2.7	2.8	2.7	3.4	2.0	3.0	3.0	2.9	4.1	3.3	CAP001; orf19.505
3663	2.0	2.1	2.1	1.7	2.1	1.6	1.9	1.8	1.6	1.0	CBC2; orf19.763
3756	2.0	2.4	1.9	1.8	1.8	2.3	2.4	2.2	1.8	1.6	CBK1; orf19.4909
4457	2.3	2.0	2.1	2.2	1.7	2.0	1.9	2.3	1.9	1.0	CBP3; orf19.5515
2233	4.7	3.7	3.9	3.9	2.8	4.2	4.7	3.8	3.8	3.0	CBR1; orf19.1801
3516	2.9	2.4	2.3	4.1	1.9	1.8	2.2	2.8	1.9	1.0	CCA1; orf19.4705
8264	2.8	3.9	2.2	1.0	5.4	1.0	5.0	2.8	6.0	7.1	CCE1; orf19.3264
6760	22.5	25.6	22.9	20.7	14.5	16.7	36.0	28.6	20.3	23.1	CDC10; orf19.548
4569	14.4	20.8	17.8	13.5	12.0	16.6	28.2	21.6	15.5	21.6	CDC11; orf19.5691
7750	5.2	4.3	4.7	5.5	3.5	4.4	7.5	8.2	6.6	5.5	CDC12; orf19.3013
2743	11.6	13.7	18.9	10.6	10.3	10.5	16.8	14.7	14.9	14.4	CDC14; orf19.4192
139	2.1	3.2	3.5	3.4	2.8	1.6	2.8	3.4	3.2	4.2	CDC20; orf19.122
2011	5.3	5.7	5.4	6.6	5.1	5.2	8.6	7.5	6.3	7.9	CDC3; orf19.8657

6274	2.5	2.5	2.2	1.7	1.6	1.9	2.7	2.3	1.7	1.9	CDC42; orf19.390
1162	1.7	1.0	2.4	2.8	2.7	1.0	2.5	3.0	3.1	3.0	CDC43; orf19.1803
5934	5.9	6.1	5.9	4.8	4.2	2.7	4.8	3.9	4.6	4.3	CDC47; orf19.202
5090	6.7	8.2	7.6	5.9	5.0	3.9	5.0	6.0	6.6	7.3	CDC5; orf19.6010
4914	2.8	3.1	2.8	2.3	2.2	2.5	3.0	2.3	2.4	3.1	CDC50; orf19.5735
3958	10.6	8.2	6.9	5.2	6.8	4.3	8.1	6.9	7.1	4.6	CDC54; orf19.11245
7105	4.8	5.7	5.4	3.7	3.4	4.8	5.2	5.4	6.2	5.6	CDC55; orf19.1468
5768	6.1	7.1	5.8	4.9	3.8	3.1	8.5	8.1	5.1	5.2	CDC7; orf19.3561
1849	8.9	12.1	12.5	6.1	4.6	8.8	10.7	10.9	12.0	8.8	CDC91; orf19.11816
874	2.0	2.4	2.0	2.0	2.0	1.9	1.7	1.8	2.0	1.5	CDS1; orf19.1279
5800	1.0	2.9	2.1	1.0	1.5	1.9	2.3	2.1	2.5	2.7	CFP1; orf19.998
677	2.9	3.7	5.1	6.5	4.8	4.2	3.7	6.4	21.7	14.1	CGR1; orf19.10237
6570	2.4	3.4	4.4	4.3	2.7	3.1	2.2	2.7	2.7	2.1	CHO1; orf19.677
3499	10.6	22.0	16.9	15.9	17.9	6.5	11.2	20.4	20.8	27.1	CHS1; orf19.5188
8379	4.0	4.5	5.0	4.0	6.0	4.5	3.6	3.8	3.6	5.2	CHS2; orf19.7298
8620	9.6	13.7	10.3	13.9	13.5	8.0	7.0	7.2	9.3	8.6	CHS3; orf19.5384
3622	2.3	2.3	2.2	2.7	1.9	2.1	2.0	1.9	1.8	1.7	CHS7; orf19.2444
2344	15.2	18.0	19.6	22.0	11.1	12.0	12.6	22.0	15.5	13.1	CHT2; orf19.3895
53	3.6	4.9	4.7	3.4	5.3	4.0	4.7	2.9	3.8	4.5	CLA4; orf19.12355
7127	6.5	6.2	6.5	4.4	6.9	3.4	4.3	3.9	8.3	5.4	CLB1; orf19.1446
4392	12.7	8.3	8.6	9.8	7.7	4.5	7.7	9.0	7.6	7.2	CLN1; orf19.3207
3156	14.8	19.6	15.5	21.4	16.1	16.4	50.9	29.4	19.4	28.6	CLN3; orf19.6028
4095	8.6	10.9	11.6	14.1	8.6	5.7	8.5	10.9	13.1	10.6	CMK2; orf19.1754
3161	2.9	2.9	3.1	2.5	2.2	2.8	3.3	2.6	2.4	2.5	CNA1; orf19.6033
7422	2.1	2.1	2.4	2.5	1.5	1.7	2.1	2.4	2.3	2.4	CNB1; orf19.4009
3934	1.5	2.1	2.2	2.8	1.9	1.0	1.9	2.2	2.1	1.6	CNE1; orf19.5300
437	2.0	2.8	2.7	1.6	1.9	2.6	2.8	3.1	3.2	3.1	COG5; orf19.4731
1640	4.8	4.4	3.7	3.1	2.7	6.0	5.7	4.1	3.4	3.1	COP1; orf19.9241
5281	3.6	4.0	3.1	3.8	2.1	3.8	4.8	4.2	8.9	5.6	COQ4; orf19.3008
2671	2.0	2.0	1.5	2.5	1.9	1.8	1.8	2.2	2.3	2.7	COX10; orf19.10676
2413	2.4	1.9	2.4	2.9	1.5	2.1	1.8	2.5	2.8	2.1	COX18; orf19.3946
8581	2.8	3.2	3.4	3.1	1.8	2.9	3.6	3.5	2.9	2.5	CPR51; orf19.7421
5024	1.0	1.7	3.2	2.2	2.3	1.5	2.0	1.9	1.0	1.6	CRL1; orf19.3330
8735	2.7	2.3	2.3	2.7	1.6	3.3	2.5	2.7	2.6	2.1	CRM1; orf19.7483
5324	4.5	8.0	6.7	3.4	2.9	3.8	3.9	4.7	4.9	4.9	CSE4; orf19.6163
5548	2.7	2.5	2.7	2.1	2.0	2.2	2.2	2.1	1.5	1.0	CSG2; orf19.2302
4641	9.1	12.0	11.2	6.0	7.9	8.9	7.0	8.2	10.3	7.0	CSR1; orf19.5711
9028	3.6	7.4	13.7	14.1	5.5	7.4	20.4	26.2	24.8	10.9	CTA215; orf19.7680
3443	1.8	2.0	2.0	2.2	1.6	1.8	2.2	2.0	1.9	2.0	CTA3; orf19.1166
148	2.3	2.7	3.1	1.9	3.3	2.4	3.1	3.1	3.3	4.6	CTA6; orf19.10614

3543	2.7	4.4	4.1	1.7	3.2	2.1	1.0	1.8	3.4	3.2	CTF1; orf19.1499
8239	6.2	6.9	8.5	5.3	4.1	6.5	8.9	7.6	7.3	4.9	CTF18; orf19.3239
8504	2.5	2.0	1.9	2.1	1.3	2.3	2.9	2.1	1.8	1.4	CYB5; orf19.7049
5192	2.6	2.8	1.8	3.4	2.1	1.8	2.2	2.5	2.5	2.3	CYC2; orf19.4294
8052	5.2	5.4	6.1	6.5	4.7	3.1	2.9	3.7	4.2	3.2	orf19.7152
6970	3.0	3.1	2.4	2.6	3.8	1.2	3.8	3.4	2.9	3.1	DBF4; orf19.5166
8254	2.4	4.9	4.0	2.7	2.5	2.0	3.3	3.1	3.2	3.0	DDR48; orf19.3254
2159	1.8	2.5	3.5	4.2	2.6	2.3	1.6	2.0	1.7	1.0	DJP1; orf19.1267
4629	4.0	3.9	3.2	2.5	2.8	2.9	4.7	2.8	2.3	2.7	DNA2; orf19.1192
7254	2.9	3.3	3.3	2.0	1.9	3.1	3.4	2.5	1.9	2.2	DNA43; orf19.4441
8107	4.4	8.8	9.3	4.8	4.4	5.2	6.3	6.2	6.8	4.9	DOA4; YDR069C; orf19.7207
8562	4.9	4.9	4.8	2.3	2.9	2.7	5.3	4.8	3.4	3.1	DOT1; orf19.7402
7800	7.3	7.7	7.3	4.8	5.0	3.9	8.0	6.8	5.7	4.6	DPB3; orf19.3063
7467	6.3	7.0	3.7	4.5	3.8	4.4	7.4	5.2	4.2	3.8	DPB4; orf19.2088
7337	1.4	2.1	2.4	2.3	2.2	2.3	1.6	2.3	2.1	2.6	DPL1; orf19.6951
2191	7.2	10.5	10.9	6.5	4.1	8.3	9.4	8.8	2.6	1.0	DPP1; orf19.656
8853	3.5	4.8	4.3	3.8	3.9	3.8	4.6	4.1	4.1	4.4	DRS2; orf19.6778
7415	3.1	3.4	3.6	3.1	2.2	1.0	4.6	3.2	3.1	3.5	DUN1; orf19.4002
9038	4.8	3.6	4.6	3.6	4.2	3.9	5.1	4.4	4.4	4.3	DYN1; orf19.5999
2886	203.7	172.4	117.8	127.1	238.9	113.0	259.6	154.3	191.3	268.7	ECE1; orf19.3374
2658	2.6	3.8	4.3	3.8	3.6	3.1	2.9	3.4	4.5	3.9	ECM25; orf19.12423
8858	4.8	5.7	7.0	5.9	3.0	2.8	3.4	4.6	4.7	2.1	ECM29; orf19.6773
3969	2.7	2.3	2.8	4.6	3.6	2.4	8.6	2.0	2.8	4.9	ECM33; orf19.4255
3057	2.5	2.3	2.0	2.2	1.8	2.7	2.7	2.8	3.5	1.9	EFR3; orf19.4798
7614	3.7	4.0	3.8	2.0	5.5	3.1	1.0	-1.4	2.1	2.1	ENA2; orf19.6070
2732	3.8	8.5	8.7	6.6	7.1	5.7	6.0	6.0	10.3	9.3	ENG2; orf19.3417
2143	3.2	2.4	2.7	2.4	2.0	2.1	1.8	1.9	1.8	1.6	EPT1; orf19.3695
2952	1.9	1.9	2.2	2.7	1.4	1.8	1.9	2.6	2.6	2.0	ERG20; orf19.4491
1690	1.6	2.3	2.1	2.1	2.1	1.2	2.5	1.5	1.6	1.3	ERG251; orf19.3732
4141	6.2	6.9	7.5	9.4	4.0	6.9	9.5	7.8	11.7	6.6	ERG4; orf19.5379
480	4.7	5.8	6.7	5.7	4.3	3.9	6.8	5.7	9.6	7.8	ERG7; orf19.1570
199	4.5	6.0	5.7	4.8	3.2	4.1	6.4	7.4	5.5	4.1	ERG8; orf19.12076
9096	5.4	5.3	4.6	3.8	3.0	6.1	6.8	5.1	4.8	3.9	ERV41; orf19.5941
1925	11.2	9.6	13.0	8.0	8.1	6.7	12.0	12.7	9.3	12.8	ESP1; orf19.3356
6664	11.0	18.9	28.8	22.5	15.6	8.3	14.5	15.5	17.8	17.8	EXG2; orf19.2952
7648	4.3	7.6	6.6	6.5	4.7	5.7	10.3	8.8	12.5	16.2	EXO70; orf19.6512
8940	1.8	2.1	2.3	2.0	2.8	1.6	1.7	1.7	1.6	1.4	FAA4; orf19.7592
8228	2.7	2.2	2.2	1.8	2.6	1.9	2.4	2.1	1.2	1.0	FAS1; orf19.979
3308	2.5	4.1	3.4	2.9	4.3	2.9	3.1	3.5	3.0	2.6	FAT1; orf19.3653
8889	3.1	2.6	2.5	1.8	1.8	3.1	4.4	3.8	4.3	4.7	FCP1; orf19.6742

7270	3.9	2.8	2.4	2.1	2.9	3.5	3.2	2.5	1.5	1.4	FEN99; orf19.8526
8442	1.8	2.0	3.0	1.0	1.8	2.1	2.3	2.8	2.8	3.5	FIS1; orf19.7111
7386	4.3	2.4	3.9	1.7	3.2	5.2	4.4	2.7	3.2	2.6	FMC1; orf19.4825
1905	4.6	7.7	9.7	6.5	7.6	9.4	6.8	9.4	13.7	17.0	FMO3; orf19.856
4206	2.9	3.8	3.8	3.1	3.4	1.7	1.0	1.9	4.1	3.2	FMP40; orf19.2346
1457	1.7	2.7	2.1	2.2	2.4	1.4	1.0	1.7	1.0	-1.3	FMP423; orf19.2636
7888	6.1	5.4	6.1	5.4	5.9	8.6	5.3	4.8	7.1	4.2	FMS1; orf19.4589
4221	4.3	2.5	4.3	3.8	3.4	3.7	4.6	4.1	4.1	3.9	FMT1; orf19.4418
466	2.8	4.6	4.8	5.1	3.2	2.3	3.8	4.8	3.7	3.0	FOL1; orf19.579
1108	2.6	7.6	6.4	6.1	5.1	3.3	5.1	7.1	4.9	5.2	FOL1; orf19.8210
8441	10.0	7.2	5.6	2.2	6.9	10.1	3.9	3.4	6.8	12.3	FRP2; orf19.7112
8327	3.1	2.7	2.9	1.9	3.2	4.1	2.5	1.8	-1.5	-2.6	GAL4; orf19.5338
685	4.3	3.4	4.3	5.9	4.8	4.2	3.7	5.5	3.4	4.2	GCC1; orf19.8303
7177	5.2	6.5	5.4	6.6	4.5	3.8	7.6	8.3	8.2	6.2	GCN2; orf19.6913
8161	1.9	2.5	2.4	2.5	2.1	2.1	3.2	2.6	2.3	2.4	GDI1; orf19.7261
1027	2.5	5.2	4.9	4.0	3.1	3.6	4.7	4.0	2.5	2.7	GFA1; orf19.9186
6556	8.8	12.6	11.1	12.5	10.6	6.8	11.9	9.8	10.0	10.6	GIN4; orf19.663
3002	1.7	2.1	2.1	2.1	1.5	1.6	1.9	2.0	1.5	1.0	GLE2; orf19.1095
6848	2.2	3.4	3.8	4.2	2.2	2.6	2.1	2.9	3.4	2.5	GLO2; orf19.4088
8681	4.7	4.7	4.3	2.9	2.7	4.9	5.5	4.1	3.5	3.0	GLO3; orf19.5445
5232	2.0	2.4	2.3	2.0	1.4	2.3	2.4	2.2	1.6	1.4	GLR1; orf19.11623
5498	26.2	24.6	31.3	32.9	23.9	22.8	16.3	18.3	47.5	15.0	GLY12; orf19.6305
3639	3.4	2.1	2.1	2.3	1.8	2.8	2.8	2.6	1.9	1.4	GON5; orf19.760
1421	22.9	32.0	30.1	34.3	32.2	28.2	34.8	31.6	23.6	17.1	GRE25; orf19.12245
3955	8.0	11.1	12.5	6.1	7.9	6.8	8.4	9.9	14.3	14.4	GSG1; orf19.3764
3467	3.9	2.6	3.0	2.4	2.8	1.0	3.4	3.1	1.0	1.0	GUK1; orf19.1115
8024	6.9	4.9	8.0	6.4	4.1	5.6	5.5	7.3	10.6	5.8	GUP1; orf19.4985
7148	7.1	7.8	7.1	7.1	4.1	6.5	6.1	7.4	11.2	11.6	GWT1; orf19.6884
8045	4.5	4.5	5.4	2.8	3.4	3.9	4.5	4.8	2.1	1.0	HBS1; orf19.7145
7358	32.9	18.4	15.0	19.4	18.3	8.9	54.9	27.7	22.6	24.4	HCM1; orf19.4853
6782	1.4	1.9	2.2	2.3	2.0	1.9	2.4	1.8	2.4	2.9	HEX1; orf19.6673
4445	2.8	3.6	3.7	2.0	2.0	2.4	3.3	3.3	4.2	3.4	HFI1; orf19.307
5191	3.2	4.3	3.7	3.1	2.3	2.4	2.9	3.0	4.1	3.8	HIR2; orf19.11771
3010	3.6	6.5	7.5	4.2	5.0	2.9	4.2	5.0	4.5	3.7	HIS6; orf19.1249
9067	2.7	3.9	3.2	2.3	2.0	2.5	4.6	4.6	3.3	3.1	HPR5; orf19.5970
4628	1.9	2.2	2.4	1.8	1.5	3.0	2.6	1.9	3.2	3.2	HRD3; orf19.1191
4613	7.2	4.3	4.8	5.7	4.5	4.5	5.9	5.9	7.2	5.0	HSL1; orf19.4308
2638	2.3	1.8	1.8	2.3	1.5	2.1	2.0	2.6	2.6	2.6	HSP60; orf19.717
2007	2.4	2.7	2.7	1.9	1.4	1.8	3.2	3.1	2.1	2.5	HTA2; orf19.1051
813	3.0	3.3	2.7	1.0	2.7	3.7	4.1	2.6	5.1	2.9	HUL5; orf19.1173

754	2.3	2.7	3.2	2.1	2.0	1.8	2.2	2.4	2.8	2.8	HWH4; orf19.1125
4883	132.5	194.0	160.9	162.0	191.3	61.8	210.8	198.1	153.3	286.0	HWP1; orf19.1321
857	2.1	1.6	2.3	3.1	2.3	1.0	5.2	5.7	2.4	5.2	HYR1; orf19.4975
6969	2.3	2.3	2.6	2.9	2.6	2.4	2.0	2.1	2.7	2.1	IFM1; orf19.5167
5183	2.5	2.1	3.1	2.1	2.4	3.8	3.7	2.8	4.6	3.0	IMH1; orf19.9948
4159	56.9	69.6	37.3	38.1	31.1	37.5	48.2	55.7	54.6	59.7	INP51; orf19.8953
358	6.1	7.5	8.0	5.6	10.3	3.5	7.9	6.9	7.2	9.5	INT1; orf19.4257
807	2.1	2.5	2.4	2.3	1.9	1.9	2.9	2.3	2.1	2.1	IPP1; orf19.11072
4845	3.7	5.4	4.0	5.2	5.2	3.5	7.1	6.1	6.0	8.8	IRO1; orf19.9283
6526	2.1	3.5	3.7	2.4	2.6	2.0	2.6	3.6	2.5	2.1	ISC1; orf19.6629
4757	2.5	2.9	3.8	2.3	2.4	3.6	2.7	3.6	4.5	3.3	JAC1; orf19.2104
2558	6.7	5.4	7.4	4.7	3.7	3.1	4.2	6.4	2.7	2.7	KAE1; orf19.11267
7998	6.5	11.2	9.4	7.9	6.5	4.3	8.8	9.1	8.3	10.9	KAR9; orf19.5011
6249	4.7	5.7	4.5	3.2	4.2	4.1	4.6	4.8	5.7	3.3	KEL2; orf19.6092
7946	2.6	2.5	2.4	2.0	3.9	2.3	3.2	2.5	2.3	2.5	KEX1; orf19.7020
2964	1.5	2.0	2.3	2.3	1.5	1.6	1.9	2.3	2.3	2.5	KIC1; orf19.191
8762	1.6	2.3	2.0	2.0	1.8	1.7	1.9	2.0	2.1	2.3	KIN1; orf19.7510
8249	4.9	5.0	3.5	2.8	2.7	4.1	6.4	4.1	3.2	2.7	LAG1; orf19.3249
6444	2.8	4.4	4.7	5.6	2.4	2.4	3.2	4.3	6.1	3.8	LAP4; orf19.1628
6210	3.4	4.5	4.0	3.2	2.5	3.2	3.8	3.7	4.0	4.4	LAS17; orf19.6598
7816	2.4	2.7	2.3	1.6	1.6	1.5	2.3	2.4	1.5	1.0	LCB1; orf19.6438
5025	2.0	2.5	2.5	2.0	1.9	2.0	2.9	2.3	2.1	1.9	LCB3; orf19.3329
3724	2.7	2.0	2.3	2.6	2.0	1.6	1.5	1.7	1.0	-1.7	LHP1; orf19.2795
5849	2.7	3.9	3.5	2.4	2.6	3.4	3.9	3.0	3.5	3.9	LPF23; orf19.3878
938	2.9	3.5	3.6	3.3	2.0	2.6	3.1	3.9	3.6	2.5	LPF3; orf19.156
196	3.8	6.1	7.0	7.5	5.0	6.3	5.9	8.9	8.3	6.5	LPF4; orf19.195
5782	3.3	1.0	4.3	4.9	2.0	5.6	6.1	7.2	8.2	8.1	LPF40; orf19.6353
8180	5.0	6.4	8.1	6.4	4.8	5.2	4.8	7.0	9.4	6.5	LPF6; orf19.931
5802	1.7	4.1	4.8	2.0	2.2	2.2	2.9	2.8	4.0	4.7	LPF7; orf19.996
8741	2.3	2.2	1.8	2.3	3.2	2.5	2.4	2.1	2.2	2.8	LRG1; orf19.7489
2393	9.0	6.9	4.1	7.1	5.4	5.9	12.6	7.7	9.5	8.7	LTE1; orf19.2239
7541	1.0	2.5	2.5	2.9	1.8	2.5	2.3	2.8	3.1	3.4	LYS4; orf19.3846
7262	1.9	2.3	2.4	3.7	1.7	2.5	4.1	4.6	5.1	5.7	LYS7; orf19.4449
8485	5.3	5.1	5.4	7.8	3.0	7.0	5.1	12.6	10.3	6.9	MAC1; orf19.7068
96	3.9	19.7	18.1	10.9	6.9	10.9	12.4	19.6	17.9	10.9	MAK32; orf19.4548
8087	3.5	2.2	2.9	6.3	2.8	3.4	1.8	3.8	4.4	2.7	MAM33; orf19.7187
7763	2.3	2.3	2.2	2.3	1.3	2.3	2.1	2.5	2.6	1.8	MAS1; orf19.3026
5445	2.3	1.9	2.1	2.8	1.6	1.9	2.1	2.6	2.3	1.7	MAS2; orf19.6295
9042	2.2	2.9	3.5	2.5	2.2	1.8	2.5	2.5	2.3	3.3	MCA1; orf19.5995
577	5.7	5.9	5.4	4.7	3.6	2.5	5.4	4.6	3.8	2.9	MCM2; orf19.11832

7019	3.9	3.6	2.3	3.1	2.5	1.7	3.2	2.2	1.7	1.0	MCM3; orf19.1901
7901	3.8	4.6	4.2	4.2	3.2	5.2	4.4	4.8	5.0	6.5	MDH1; orf19.4602
7615	2.2	2.6	2.9	2.3	3.3	2.2	1.7	1.8	2.9	2.5	MDM20; orf19.6071
4242	3.4	3.8	3.8	3.1	2.4	3.4	4.1	4.0	3.2	2.5	MEC1; orf19.8870
4189	1.7	2.4	2.2	1.6	2.2	1.7	1.9	1.9	2.3	2.1	MED8; orf19.11973
1715	2.5	4.1	4.2	5.5	2.7	1.9	2.1	4.0	4.9	1.9	MET6; orf19.10083
4995	2.8	2.7	3.2	2.9	1.9	2.1	2.4	2.5	2.5	2.8	MET7; orf19.4516
7324	3.2	3.8	3.8	3.8	2.8	2.7	2.0	2.7	2.0	1.5	MEU1; orf19.6938
6660	4.8	4.8	5.5	4.4	4.3	2.9	3.4	4.0	3.4	3.2	MGM101; orf19.2956
121	3.6	4.7	4.2	4.8	3.4	2.8	4.5	4.9	3.4	4.0	MKK2; orf19.14178
2626	8.1	5.9	10.6	6.3	5.3	5.1	6.6	7.2	4.2	3.8	MLH1; orf19.4162
233	3.3	2.4	2.1	2.7	2.6	1.7	2.8	2.2	2.3	2.5	MNN25; orf19.9883
6801	4.7	4.1	2.4	2.8	2.9	2.8	3.9	3.5	2.7	2.9	MNN26; orf19.6692
8543	2.7	2.1	1.9	1.6	1.6	2.2	2.8	2.1	1.4	1.0	MNN9; orf19.7383
7092	1.7	3.4	3.0	2.2	1.6	2.4	2.9	2.8	2.5	4.1	MON1; orf19.8109
6051	10.9	10.1	12.7	10.8	6.8	14.3	13.5	13.9	11.6	9.2	MON2; orf19.4939
4153	5.0	12.6	13.9	9.1	7.1	4.4	7.1	7.4	12.2	10.4	MPA43; orf19.1686
3459	10.3	8.1	10.9	8.0	6.2	3.6	12.4	11.1	8.2	7.5	MPH1; orf19.2919
8374	7.6	7.1	7.7	4.4	5.1	2.3	7.8	7.3	7.7	7.4	MPS1; orf19.7293
8018	7.2	10.6	7.5	9.7	9.6	8.2	8.2	7.6	5.9	8.0	MPT5; orf19.4991
7179	2.1	2.8	2.5	2.3	1.9	1.3	2.4	2.6	2.6	3.1	MRE11; orf19.6915
5737	2.6	2.0	1.9	2.8	2.0	2.1	2.2	2.4	1.4	1.0	MRP1; orf19.1662
2926	3.4	2.4	2.8	2.9	2.6	2.4	2.8	2.7	2.0	1.0	MRP4; orf19.5747
7657	3.3	2.9	2.6	3.1	2.4	2.5	3.1	3.2	2.2	1.7	MRP49; orf19.6503
4576	3.4	2.9	2.4	2.5	2.3	2.4	3.2	2.8	1.5	1.0	MRPL1; orf19.5698
1498	3.2	2.3	2.6	2.4	1.8	2.6	2.0	2.6	2.1	1.0	MRPL10; orf19.11016
2915	2.9	2.2	1.9	2.5	2.0	1.9	2.3	2.3	2.1	1.8	MRPL11; orf19.11278
2109	2.8	2.2	2.1	2.3	1.7	2.2	2.1	2.4	1.6	1.0	MRPL31; orf19.1485
4394	2.4	1.0	1.3	2.5	2.1	1.6	1.5	1.7	1.4	1.0	MRPL36; orf19.3205
5678	2.8	1.9	2.1	2.7	2.2	2.6	2.2	2.5	2.1	1.7	MRPL4; orf19.6136
7938	3.5	2.3	2.5	3.2	2.3	2.6	2.5	3.0	2.1	1.9	MRPS16; orf19.7012
1401	2.2	1.8	1.6	2.2	1.4	1.8	2.1	2.3	1.6	1.0	MRPS28; orf19.2520
4101	2.4	2.7	2.1	2.6	1.9	2.1	2.5	2.3	1.6	1.0	MRS2; orf19.2597
7732	5.5	7.7	7.7	5.4	3.8	4.6	5.7	6.5	7.0	3.4	MSB3; orf19.6986
4680	2.6	3.6	1.0	1.9	2.6	3.0	2.7	2.1	2.5	5.4	MSH4; orf19.2579
2567	2.0	2.1	2.4	2.5	2.0	2.3	2.2	3.0	3.6	2.7	MSY1; orf19.7756
7505	2.3	3.9	3.8	2.7	2.4	2.4	1.4	3.8	2.0	1.0	MTD1; orf19.3810
5637	2.1	4.9	4.6	6.5	2.8	2.3	2.4	2.3	3.2	3.2	MUP3; orf19.7953
7965	9.7	16.2	15.3	12.0	9.3	11.6	12.7	14.7	21.9	14.3	MVP1; orf19.7039
5444	6.8	6.2	5.2	4.2	4.8	4.1	5.0	4.9	3.2	5.2	MYO1; orf19.6294

7994	17.3	13.6	11.4	8.5	11.5	16.4	15.9	12.0	9.0	9.5	MYO2; orf19.5015
150	3.2	2.1	2.5	2.9	2.1	2.5	2.0	3.0	3.7	3.1	NAM2; orf19.13128
7073	2.3	1.8	2.1	2.0	1.7	2.2	2.2	2.0	1.4	1.0	NAM9; orf19.498
4113	3.4	4.2	4.0	3.8	3.8	4.2	4.0	4.5	4.9	4.9	NEO1; orf19.783
5020	2.8	3.1	3.2	2.2	2.4	3.8	3.7	3.4	3.9	3.8	NHX1; orf19.11677
7085	3.9	3.6	4.8	4.7	4.8	2.8	6.1	6.2	10.9	11.2	NIP100; orf19.486
4201	3.6	5.7	7.6	5.3	2.7	4.9	6.2	11.2	10.4	9.4	NIT3; orf19.2351
761	3.3	5.0	4.6	3.7	2.2	2.8	3.8	3.4	2.8	2.4	NPL4; orf19.9970
1044	4.8	8.7	9.2	6.0	4.6	4.3	3.6	5.4	3.4	3.1	NTA1; orf19.8470
3454	6.3	6.3	4.7	4.3	4.8	7.2	8.8	7.1	5.2	6.3	NUM1; orf19.2924
1528	2.2	2.1	2.4	2.6	1.5	1.8	2.1	2.2	2.0	1.0	NUP57; orf19.2820
8090	2.5	3.2	2.3	1.9	4.4	2.2	4.1	3.7	4.7	4.5	OGG1; orf19.7190
4706	2.8	3.4	3.4	2.7	2.8	3.9	6.5	4.9	4.3	5.8	OPT26; orf19.4655
4864	2.1	2.0	2.2	1.3	1.4	2.3	2.7	2.5	2.3	2.2	ORC1; orf19.10518
7328	2.5	3.3	2.7	1.9	2.4	2.9	3.4	2.7	3.4	4.2	ORC3; orf19.6942
3609	2.4	4.1	3.3	3.8	3.5	5.2	2.5	3.5	5.8	7.9	orf19.10308
3219	16.6	35.3	30.7	14.6	29.7	9.4	8.6	14.9	12.9	17.5	orf19.1032
149	7.3	5.1	6.3	3.6	4.2	4.1	11.2	6.4	5.6	7.1	orf19.10613
2576	2.3	3.0	2.2	2.1	2.2	2.2	2.5	2.6	1.4	1.0	orf19.10873
747	2.2	2.5	2.1	2.4	2.5	2.2	2.5	2.5	2.7	2.0	orf19.1101
2985	3.6	2.5	2.4	2.6	2.1	3.5	3.2	3.5	2.5	1.7	orf19.1109
3472	12.2	26.2	17.6	4.7	16.3	8.6	19.6	7.6	3.1	16.7	orf19.1120
756	3.8	3.3	4.3	3.4	4.4	2.4	3.6	3.8	3.4	2.9	orf19.1127
758	3.2	1.9	2.0	3.6	2.5	3.7	1.0	3.2	1.0	-1.8	orf19.11273
604	11.6	11.3	10.2	7.1	10.3	6.5	12.6	10.6	10.5	9.8	orf19.11551
2255	2.3	2.4	3.8	3.4	3.6	3.0	2.6	3.0	3.7	3.7	orf19.11847
401	1.4	2.6	2.5	3.5	2.1	2.0	1.6	2.5	3.8	2.3	orf19.11885
2943	7.1	13.5	11.6	7.0	5.8	7.7	12.6	10.6	9.6	9.4	orf19.1202
2370	2.1	2.3	2.3	2.4	1.6	1.6	2.1	2.2	2.6	1.9	orf19.12108
2682	3.2	4.2	4.5	4.3	4.0	3.6	3.7	3.3	4.0	4.4	orf19.1246
5720	1.9	3.5	3.3	1.3	2.6	2.1	1.5	2.2	1.6	3.1	orf19.1253
2161	2.8	4.7	1.0	1.0	2.5	3.5	4.0	3.1	1.9	1.0	orf19.1269
745	6.2	4.3	4.8	5.0	3.9	3.3	4.2	5.2	4.7	5.5	orf19.12964
2774	2.7	4.7	4.9	2.4	3.2	2.6	2.0	3.2	1.8	1.0	orf19.1306
3793	3.1	5.4	8.6	4.9	3.3	3.1	3.8	5.1	8.8	5.7	orf19.13149
586	3.0	2.6	2.9	3.1	2.4	2.1	2.6	3.0	3.3	2.1	orf19.13188
3887	3.0	4.3	4.3	2.4	3.7	5.0	4.6	2.7	3.2	3.7	orf19.1334
2644	11.2	23.6	28.1	4.3	12.0	4.4	3.4	2.5	1.0	1.0	orf19.1344
4160	3.6	6.4	7.7	6.4	4.3	3.1	5.4	6.6	6.2	7.0	orf19.1374
5353	3.7	4.4	4.1	3.8	2.8	3.5	4.3	4.1	4.8	3.6	orf19.1400

7126	3.7	5.3	4.6	4.3	4.1	2.0	4.4	5.2	3.6	2.8	orf19.1447
933	4.9	7.8	10.5	4.6	6.7	4.2	5.6	5.5	16.3	21.9	orf19.1496
1309	3.5	7.0	4.9	4.4	6.2	4.2	6.3	7.1	9.0	11.2	orf19.1505
6419	2.8	2.5	2.3	2.9	4.8	12.1	4.3	2.1	6.2	10.8	orf19.1562
6435	3.8	5.7	6.2	4.3	4.7	3.3	5.5	5.7	12.6	11.0	orf19.1637
5741	2.9	3.9	2.5	1.7	2.4	3.3	4.6	3.4	2.8	4.0	orf19.1666
1999	2.9	2.7	2.3	2.5	2.6	2.3	2.3	2.3	1.3	1.0	orf19.1677
1329	5.4	8.6	6.1	5.1	5.9	5.5	6.8	6.8	8.2	8.3	orf19.1684
2527	2.6	1.0	2.0	3.3	3.2	1.8	1.0	1.0	1.0	1.0	orf19.1780
7027	2.0	4.7	2.7	3.8	3.3	2.3	2.8	3.5	4.5	5.4	orf19.1893
5598	3.5	3.4	4.1	2.7	2.3	2.8	5.1	4.4	4.6	3.6	orf19.1941
1974	2.6	5.1	3.5	3.0	4.0	2.2	3.1	3.8	5.7	14.3	orf19.1948
5988	1.6	2.3	5.7	3.5	2.4	2.4	2.0	1.6	1.5	1.0	orf19.2049
5580	2.7	3.6	2.7	2.9	2.0	3.2	4.6	3.8	3.6	3.8	orf19.2328
4959	2.9	2.7	2.8	2.3	2.7	3.1	4.0	1.3	2.3	1.0	orf19.2476
6181	2.8	2.5	2.9	2.5	1.9	2.0	2.1	2.5	2.6	1.0	orf19.2500
2359	3.2	2.5	2.9	1.6	2.8	4.4	4.7	4.6	5.0	5.1	orf19.264
3357	2.2	2.3	2.2	1.5	2.3	3.7	1.6	1.6	2.6	2.6	orf19.2646
3350	2.9	3.7	2.4	1.9	3.3	2.1	3.4	2.5	2.7	1.9	orf19.2653
1511	13.1	13.5	12.8	7.8	7.2	10.6	24.8	17.6	14.6	16.4	orf19.2657
4795	21.4	20.7	15.6	19.0	20.8	21.3	31.3	24.4	18.0	26.5	orf19.2685
634	2.2	3.4	2.6	1.0	2.2	2.4	3.0	2.4	1.0	2.6	orf19.2740
6118	1.8	1.9	2.1	2.2	2.5	1.7	1.9	2.5	2.5	3.8	orf19.2904
7753	3.1	2.9	2.8	3.7	1.8	2.4	1.9	2.3	1.9	1.0	orf19.3016
1658	7.0	5.4	7.2	3.5	5.4	5.7	11.5	6.9	7.6	10.4	orf19.3148
495	4.3	4.8	4.3	3.7	8.3	5.7	4.0	3.7	6.1	6.1	orf19.3213
243	12.4	11.1	10.0	9.2	9.6	6.5	8.8	7.8	16.7	13.0	orf19.3216
8245	2.9	2.5	2.9	2.4	2.0	3.2	2.8	2.6	4.9	4.4	orf19.3245
8248	5.6	6.5	6.1	6.1	6.5	4.0	8.3	9.1	6.6	10.1	orf19.3248
8255	25.3	29.2	24.8	29.4	49.9	19.8	35.3	37.5	23.6	44.0	orf19.3255
7204	3.5	3.8	3.6	3.8	2.3	2.8	3.3	3.1	2.3	1.7	orf19.3309
1807	7.8	10.1	5.3	5.2	4.9	6.7	12.0	9.1	6.8	8.1	orf19.3394
1949	2.3	5.4	4.7	2.6	3.6	2.3	2.5	2.3	2.1	2.0	orf19.3516
7236	3.0	4.6	4.8	3.6	2.7	3.2	4.2	4.4	4.3	4.4	orf19.352
1953	9.7	17.1	14.1	9.5	5.4	6.7	11.2	15.2	17.9	11.5	orf19.3520
1501	2.9	1.0	1.7	2.6	2.1	1.8	1.8	2.1	4.8	6.1	orf19.3529
2155	3.3	3.5	3.9	3.3	2.9	2.3	2.8	3.2	2.3	2.4	orf19.3706
895	3.6	4.3	4.4	3.0	5.0	3.4	3.0	2.9	3.3	2.8	orf19.3729
1689	2.2	2.5	2.7	2.6	2.4	1.3	3.0	1.8	1.8	1.0	orf19.3731
3957	2.9	2.5	3.1	2.9	2.0	3.0	3.1	3.6	3.3	2.7	orf19.3762

263	2.8	3.1	3.0	2.9	3.4	2.5	3.1	3.4	3.2	3.6	orf19.3804
6264	2.1	1.8	2.7	2.0	1.6	1.9	2.4	2.3	1.9	2.0	orf19.400
6849	1.8	2.6	3.4	2.4	2.2	1.8	1.7	2.6	3.2	2.3	orf19.4087
6835	2.0	3.2	3.8	2.7	3.6	3.1	5.1	4.8	4.1	4.3	orf19.4101
3980	12.0	16.9	15.3	1.0	10.1	9.4	1.0	17.1	17.9	24.1	orf19.4244
3974	4.2	5.7	4.8	3.5	3.0	3.8	4.2	4.9	4.0	2.4	orf19.4250
3110	1.7	3.5	4.4	2.6	2.3	4.4	3.4	4.6	6.5	5.7	orf19.4276
2811	3.7	6.6	5.0	3.7	4.8	1.9	2.7	3.3	1.2	1.7	orf19.4355
337	3.4	3.2	3.4	4.3	3.2	3.6	3.7	3.9	4.7	3.9	orf19.4467
2885	3.2	4.4	4.8	3.9	3.1	2.5	3.1	3.1	2.3	2.8	orf19.4486
3047	1.9	2.5	2.2	1.0	1.8	2.8	2.6	2.7	3.3	4.7	orf19.4524
3510	4.4	6.2	6.5	6.9	4.5	5.0	7.2	6.6	7.2	8.1	orf19.4711
4019	2.6	4.2	3.1	3.0	3.4	2.0	2.4	4.3	2.7	3.1	orf19.4749
4020	2.2	3.5	3.1	3.5	3.5	2.7	2.4	3.2	2.7	2.8	orf19.4750
7704	4.1	4.6	3.7	3.7	5.2	4.1	5.0	5.0	7.7	11.6	orf19.5238
7683	6.1	6.3	4.8	4.2	3.3	6.9	7.6	5.5	4.9	3.7	orf19.5259
7671	5.9	6.9	6.2	4.2	8.4	3.1	8.9	8.8	10.3	15.9	orf19.5271
6742	1.6	3.8	3.4	1.8	2.1	1.4	2.7	2.8	3.0	3.9	orf19.530
8341	2.2	2.9	2.4	1.9	2.1	2.4	2.5	2.4	2.1	2.3	orf19.5352
6904	3.3	6.1	6.0	3.1	4.4	3.2	2.9	4.4	7.5	8.8	orf19.5664
4558	2.3	2.7	2.8	2.1	1.9	2.1	3.0	2.7	1.9	2.4	orf19.5680
4045	3.2	3.2	3.8	2.5	2.8	2.9	3.0	2.6	2.2	2.3	orf19.5814
6137	6.4	5.5	4.5	5.2	4.1	2.5	4.7	5.4	5.3	4.3	orf19.5841
4954	6.4	7.9	11.9	5.8	4.1	7.5	10.1	7.4	12.4	7.3	orf19.5852
5690	2.5	3.3	3.6	3.8	2.3	2.1	2.7	2.9	3.7	3.6	orf19.590
9102	2.3	2.6	3.1	1.7	2.4	2.5	2.3	2.7	2.6	3.0	orf19.5935
7582	6.1	8.2	8.0	8.2	6.8	5.6	6.3	8.5	7.0	4.1	orf19.6038
7592	2.6	3.7	4.0	2.1	1.8	3.1	2.5	2.7	4.9	8.1	orf19.6048
7593	1.9	1.9	2.4	1.9	2.4	2.0	2.0	2.3	2.8	3.1	orf19.6049
5100	2.9	7.4	6.9	2.7	2.5	2.7	4.4	6.1	7.2	6.8	orf19.6119
5677	2.4	3.3	4.2	5.0	5.4	1.0	2.6	3.8	2.5	2.6	orf19.6137
5508	5.6	7.7	7.6	4.7	4.8	2.9	2.5	4.3	4.0	5.0	orf19.6315
5519	2.0	3.2	2.4	2.1	2.2	1.9	2.6	2.8	2.0	2.3	orf19.6326
5783	13.5	20.7	23.4	13.9	15.5	1.0	11.7	18.5	19.6	17.6	orf19.6354
6003	1.7	2.0	1.8	1.6	2.4	1.8	4.5	3.2	3.2	4.2	orf19.6456
2212	4.3	5.3	6.2	3.8	4.3	5.9	4.3	4.0	6.4	4.3	orf19.6464; orf19.13822
2218	1.7	1.8	2.1	2.2	2.0	2.1	1.0	1.3	2.3	3.4	orf19.6474
3533	3.0	3.2	3.4	2.9	3.3	3.9	3.6	3.4	4.3	3.9	orf19.649
7567	12.1	14.8	14.7	9.9	9.8	9.1	16.6	16.4	10.7	16.0	orf19.6579
6553	1.9	3.0	3.2	3.6	2.8	2.1	3.5	3.3	4.1	4.7	orf19.660

6523	1.0	2.4	2.8	1.0	2.0	2.5	4.3	3.4	4.4	4.0	orf19.6626
6878	6.2	7.3	7.0	7.1	4.3	6.8	8.3	8.0	9.0	6.6	orf19.6729
6881	1.7	2.7	2.7	2.5	1.9	1.5	1.0	3.1	5.7	5.5	orf19.6732
6886	3.2	3.4	4.2	3.9	4.8	1.0	1.9	2.7	3.7	5.9	orf19.6737
6992	13.5	8.1	9.0	8.3	6.9	7.6	9.8	8.6	9.3	8.9	orf19.6843
7002	2.8	2.2	2.1	2.7	2.3	2.7	2.4	2.3	1.9	1.0	orf19.6853
7004	5.5	6.8	5.5	6.5	7.4	3.4	5.7	5.2	4.7	5.0	orf19.6855
7013	12.2	21.4	27.7	13.1	13.4	5.7	12.8	1.0	8.5	10.0	orf19.6864
7136	7.5	6.4	6.9	2.7	4.8	5.3	8.5	4.9	4.5	3.2	orf19.6872
7176	7.5	12.3	11.5	4.4	3.9	10.5	13.0	9.2	9.6	10.3	orf19.6912
1983	1.0	2.7	3.0	1.5	1.8	4.3	1.6	1.8	4.8	4.7	orf19.692
7185	2.9	1.0	2.6	3.5	4.9	2.2	3.0	3.5	2.6	3.2	orf19.6921
7932	1.9	2.4	3.1	2.2	2.8	3.7	2.4	2.4	4.3	4.2	orf19.7006
8449	2.8	7.5	7.4	5.5	5.1	1.8	3.2	6.5	6.3	6.1	orf19.7104
8139	1.9	2.0	2.0	1.9	2.0	1.8	2.3	2.1	2.0	2.0	orf19.7239
8603	1.8	1.8	2.5	2.9	2.3	2.3	2.2	3.0	3.0	2.4	orf19.7443
8746	27.5	44.6	57.7	44.9	29.4	28.4	68.1	46.9	37.5	21.7	orf19.7494
499	2.5	3.4	3.5	2.5	2.1	2.6	2.8	2.8	2.4	2.1	orf19.752
8901	7.5	6.1	3.9	1.0	6.5	1.0	13.5	7.5	8.1	6.8	orf19.7553
8943	8.0	12.2	14.0	8.0	4.3	6.5	9.8	9.2	12.2	9.1	orf19.7595
4011	3.0	3.5	3.7	4.9	2.9	2.2	2.2	3.3	5.2	4.8	orf19.8316
1745	2.1	2.4	2.0	1.6	1.5	1.3	2.0	2.0	1.5	1.4	orf19.8770
516	6.1	6.1	6.4	4.1	3.4	6.1	8.5	6.0	5.4	4.8	orf19.8777
7278	1.9	3.1	2.4	3.0	3.7	3.8	2.1	2.4	3.6	4.1	orf19.899
1707	4.9	8.6	9.5	2.0	3.8	5.1	3.8	6.2	12.1	14.8	orf19.9
3538	3.5	4.2	5.1	1.0	2.6	2.7	1.0	3.9	5.7	4.7	orf19.9080
2872	3.0	2.1	3.2	2.9	2.8	2.3	2.7	1.0	1.0	1.0	orf19.9334
5601	1.6	3.8	2.2	1.9	2.2	1.7	1.0	1.0	1.0	1.0	orf19.9493
8204	8.8	12.6	8.8	6.8	5.0	3.6	4.0	9.1	6.8	7.1	orf19.955
864	2.8	1.9	2.4	5.1	4.3	3.0	4.3	4.1	3.9	7.5	orf19.9673
3574	2.4	4.4	3.6	2.6	4.5	2.1	7.5	3.5	6.4	12.8	orf19.9755
143	9.4	26.4	17.4	9.9	4.9	1.0	13.0	11.7	10.3	4.0	orf19.9987
4879	5.8	5.1	7.0	7.3	4.7	7.7	5.2	6.5	8.7	5.2	OSH3; orf19.1317
8747	2.3	3.6	4.0	1.8	4.3	3.3	1.0	1.0	1.0	1.0	OYE30; orf19.7495
7423	3.2	3.7	2.4	2.3	2.4	2.6	2.7	2.1	2.6	1.0	PAN3; orf19.4010
1811	3.0	3.1	2.9	2.2	1.8	3.0	1.9	1.9	2.3	2.1	PCF11; orf19.3390
6429	1.9	2.3	2.3	2.8	2.2	1.9	2.3	3.2	3.0	2.9	PCP1; orf19.1643
3952	3.4	2.8	3.3	2.9	2.9	3.5	3.0	3.4	2.8	1.9	PEP1; orf19.3767
9162	13.8	20.8	22.2	9.4	12.2	13.3	31.3	18.0	22.5	24.3	PEP12; orf19.5875
7313	3.2	3.9	5.1	3.4	2.4	4.7	5.4	4.6	4.0	4.4	PEP8; orf19.6927

5999	3.6	8.3	8.4	4.9	5.0	2.9	3.9	5.9	17.4	12.0	PEX1; orf19.6460
6900	2.4	3.9	4.5	2.7	2.8	2.5	2.1	3.2	4.9	3.7	PEX10; orf19.5660
7820	9.6	11.6	10.1	7.3	6.8	8.8	7.9	7.4	12.3	8.7	PEX19; orf19.6434
9094	2.5	4.1	5.0	2.5	2.2	2.4	2.2	3.1	6.4	4.3	PEX28; orf19.5943
2717	2.8	4.3	3.3	3.1	2.7	2.5	2.7	2.5	5.5	5.2	PEX3; orf19.11904
5756	7.2	13.4	10.0	7.6	10.3	8.3	7.8	9.8	39.1	22.0	PEX6; orf19.3573
7241	4.1	4.0	4.1	5.3	3.1	3.6	3.2	4.7	6.1	4.7	PHB12; orf19.357
5358	3.3	3.8	5.3	3.3	2.3	4.9	4.0	3.7	2.3	1.0	PHO132; orf19.1405
7524	2.3	1.7	1.8	1.6	1.8	2.1	2.2	1.6	1.5	2.2	PHR1; orf19.3829
574	1.7	2.3	2.5	2.3	1.8	2.1	2.0	2.4	2.9	2.5	PKA1; orf19.2015
9136	2.1	2.2	2.4	2.0	1.6	1.9	2.2	2.2	2.5	2.0	PKC1; orf19.5901
320	2.5	3.3	3.9	3.5	4.0	3.7	2.0	2.3	2.8	3.8	PKH1; orf19.12690
546	8.2	6.9	9.3	9.3	10.1	7.6	6.4	9.6	7.0	9.2	POL3; orf19.5182
43	2.3	2.2	1.8	1.4	1.2	2.2	2.4	2.2	1.7	1.8	PPA1; orf19.12419
8416	2.9	3.0	3.5	3.0	2.0	2.4	2.3	2.9	3.1	2.4	PRE8; orf19.7335
7234	3.6	3.8	4.4	3.4	1.9	2.4	3.0	3.1	3.5	2.4	PRE9; orf19.350
4973	2.3	2.2	3.1	3.9	2.9	3.2	2.8	3.0	2.3	4.2	PRN3; orf19.2462
6327	3.4	4.2	4.3	3.1	2.3	3.7	3.4	3.3	4.9	4.2	PRP122; orf19.11857
352	2.1	6.3	5.2	5.6	4.1	6.4	4.2	5.8	10.0	10.3	PRP123; orf19.462
181	3.1	4.7	3.3	2.7	4.2	3.8	4.7	2.7	3.3	5.1	PSD2; orf19.3954
8488	6.3	5.2	5.8	3.5	4.6	2.3	6.5	5.6	5.2	4.0	PSF3; orf19.7065
6442	4.9	6.3	5.0	4.8	2.9	4.2	6.5	6.2	6.5	5.4	PSP2; orf19.1630
8958	3.3	2.4	2.6	3.8	2.5	4.8	3.6	5.4	3.5	2.8	PTP3; orf19.7610
6681	1.6	2.1	2.6	2.1	2.9	1.8	2.8	2.6	3.2	4.3	PTR3; orf19.4535
8528	3.5	3.1	2.8	2.7	1.9	3.2	3.3	2.7	1.9	1.7	PUB1; orf19.7368
8953	2.5	2.8	3.3	2.8	1.7	1.8	2.2	2.5	2.6	2.3	PUP1; orf19.7605
7687	3.5	4.6	5.1	1.7	5.8	6.6	3.5	3.3	7.5	7.8	PXA2; orf19.5255
999	2.4	3.6	2.7	2.1	2.5	2.3	1.0	2.4	2.4	3.6	QUA1; orf19.2280
4886	6.6	6.3	6.1	4.2	8.5	4.3	4.6	4.1	7.4	5.8	RAD13; orf19.1324
7643	3.5	7.7	8.4	2.6	3.2	4.3	3.6	4.5	5.7	5.8	RAD14; orf19.6517
2520	3.5	4.8	6.0	3.7	2.5	2.2	3.4	3.5	3.7	2.6	RAD24; orf19.2728
4214	4.9	4.3	5.1	3.6	2.8	1.7	5.1	5.5	4.7	5.3	RAD51; orf19.3752
1435	4.6	5.1	5.9	3.7	3.3	4.1	6.8	3.8	5.1	3.7	RAD59; orf19.2630
8095	2.2	2.4	2.3	2.1	1.5	2.0	2.6	2.8	2.8	2.9	RAD6; orf19.7195
3323	3.2	3.6	3.4	1.6	2.4	4.2	3.3	2.8	3.4	1.0	RAM1; orf19.5046
4089	3.8	3.5	2.8	3.1	3.2	4.9	3.9	2.8	2.9	3.0	RAS1; orf19.1760
3954	1.9	2.0	1.9	1.5	2.1	1.6	3.0	2.1	1.7	2.3	RAX2; orf19.3765
2884	6.1	7.1	5.6	4.0	3.7	4.5	10.8	6.1	8.8	13.2	RB2 ; orf19.4485
841	3.2	2.4	2.8	2.0	1.7	2.3	4.3	2.7	4.2	5.0	RB2; orf19.1208
1365	5.9	21.0	13.6	8.6	9.7	8.2	20.1	14.7	11.0	15.3	RB2; orf19.2293

7931	3.8	2.8	3.1	3.5	2.3	3.6	4.4	3.0	6.4	5.2	RB2; orf19.7005
537	2.5	2.8	2.5	1.5	2.5	-2.1	4.3	1.5	-1.7	1.9	RBT4; orf19.13583
4505	4.5	1.0	1.0	3.4	3.7	8.5	1.9	1.0	13.4	37.0	RBT5; orf19.5636
3496	2.1	2.4	2.4	1.9	1.4	2.6	3.1	2.7	2.1	1.9	RCC1; orf19.5185
9069	5.8	6.5	5.3	5.2	3.2	6.0	7.7	5.6	6.2	6.0	RDI1; orf19.5968
7155	4.7	5.4	6.5	3.9	2.8	3.4	4.1	5.2	4.2	3.7	RFC1; orf19.6891
9006	4.8	3.4	3.9	3.3	3.3	2.1	4.7	4.1	2.4	1.9	RFC4; orf19.7658
6728	1.9	3.1	2.8	2.1	1.8	1.5	3.1	3.5	6.4	5.8	RFT1; orf19.516
7892	1.4	1.6	2.2	2.1	2.3	2.9	1.7	2.0	3.3	4.0	RGA2; orf19.4593
3621	2.7	2.0	3.1	2.1	2.2	2.3	2.9	2.4	3.1	2.7	RGD1; orf19.2443
1100	4.5	7.1	5.7	4.9	3.9	3.4	5.7	5.6	5.4	4.3	RHK1; orf19.8693
4937	2.6	2.0	2.2	2.0	2.1	2.0	2.3	2.0	1.6	1.8	RHO1; orf19.2843
606	6.4	7.3	6.1	3.8	3.8	5.5	9.6	6.6	3.7	5.4	RHO3; orf19.3534
7580	154.3	165.4	212.3	100.4	53.8	182.3	186.1	127.1	207.9	128.0	RIC1; orf19.6036
3042	2.5	3.7	5.6	2.4	2.0	2.7	2.7	5.2	5.9	3.7	RKI1; orf19.9268
8830	3.3	3.5	2.8	2.4	2.1	3.1	3.2	2.6	2.7	2.2	RPD31; orf19.6801
4931	2.8	3.0	3.4	2.7	1.8	1.9	2.3	2.4	2.9	1.9	RPN13; orf19.1058
6756	2.1	3.8	3.0	2.1	2.2	1.0	1.6	1.6	1.0	1.0	RPR2; orf19.544
7759	2.8	1.8	2.1	2.2	2.1	2.0	2.0	1.9	1.9	2.0	RSM24; orf19.3022
2301	3.2	2.4	2.1	3.1	2.1	3.0	2.8	2.9	2.5	1.5	RSM26; orf19.3938
7431	2.9	1.7	1.6	2.0	1.5	2.0	2.2	2.4	1.4	1.0	RSM7; orf19.4018
4271	8.5	8.9	8.7	4.5	7.9	6.0	16.3	8.8	9.2	10.4	RSR1; orf19.2614
2917	2.5	2.3	2.2	2.8	1.4	2.7	2.7	2.6	2.4	2.0	RTN1; orf19.3799
2653	4.9	6.3	3.8	3.5	2.7	5.9	5.3	3.4	5.9	5.0	RTS1; orf19.20
817	5.4	5.7	4.4	3.4	3.0	4.1	5.8	5.4	3.6	2.5	RTT106; orf19.1177
630	3.5	4.3	3.7	2.9	2.7	3.8	4.7	3.9	2.9	2.6	RUD3; orf19.14182
1299	2.4	2.8	3.5	5.1	3.1	3.5	1.9	3.0	5.7	3.7	SAC6; orf19.5544
6179	1.6	2.3	3.0	2.2	1.9	3.8	2.6	3.0	3.0	3.3	SAN1; orf19.2498
3529	1.8	2.8	3.5	2.1	3.2	2.8	2.9	3.0	3.9	3.6	SAP155; orf19.642
3741	2.6	2.9	2.9	3.4	3.1	2.0	2.7	3.2	3.1	3.4	SCC2; orf19.10592
8376	2.7	3.5	2.3	2.1	2.0	3.9	2.7	1.7	2.8	3.3	SCD5; orf19.7295
3715	5.4	7.7	6.5	4.3	3.9	6.2	9.5	7.8	7.8	6.9	SEC1; orf19.6479
3735	2.0	2.4	2.3	2.1	2.5	1.9	2.3	2.3	2.3	2.4	SEC10; orf19.3086
8259	4.8	4.1	3.7	2.4	3.2	6.8	6.3	4.4	4.7	8.1	SEC11; orf19.3259
1399	2.8	2.5	3.2	2.4	2.1	2.6	2.6	2.7	2.9	2.5	SEC17; orf19.2518
9090	2.9	2.9	3.2	2.6	2.6	3.7	3.6	2.9	2.7	2.6	SEC7; orf19.5947
7143	2.4	2.8	3.7	3.6	3.5	3.2	2.7	2.4	1.9	1.0	SEN34; orf19.6879
6140	2.2	4.0	3.5	1.9	1.9	1.6	2.0	3.4	1.0	-1.4	SER2; orf19.5838
5089	1.7	1.9	2.2	1.8	2.6	2.1	1.8	2.3	2.4	3.6	SET1; orf19.6009
8456	2.6	2.4	2.8	1.8	2.0	2.0	2.4	2.4	1.7	1.4	SGN12; orf19.7097

4437	13.4	18.4	18.3	11.2	17.3	10.2	19.7	15.9	9.5	12.9	SHE3; orf19.5595
1344	2.2	2.6	2.6	1.6	1.7	1.6	2.1	2.5	1.6	2.3	SHM1; orf19.1342
2091	2.5	2.6	2.6	1.6	1.8	2.0	1.4	2.7	1.4	1.0	SHM2; orf19.5750
1787	3.1	3.1	2.9	2.5	1.7	2.3	1.9	2.1	1.9	1.6	SHR3; orf19.3366
875	9.8	10.6	10.6	8.8	7.2	7.5	14.0	11.3	8.0	7.2	SHS1; orf19.3680
5467	5.9	7.3	9.0	6.3	5.4	6.9	8.6	5.8	7.3	5.1	Sim to ; orf19.3737
4592	2.8	3.8	7.1	3.4	3.1	5.6	2.8	2.8	7.3	5.5	Sim to ; orf19.4763
5099	5.5	10.5	7.6	3.1	3.2	4.2	6.8	8.2	4.9	6.6	Sim to ; orf19.6118
7883	11.9	31.8	26.4	6.8	9.2	9.1	10.3	20.0	15.7	21.0	Sim to YAR071W; orf19.4584
2350	1.6	2.6	2.1	2.7	2.3	1.0	2.0	2.7	1.6	1.4	Sim to YBL055; orf19.2541
4653	3.8	5.0	4.6	3.8	3.1	3.4	4.0	4.5	4.4	3.7	Sim to YBL095W; orf19.3548
9140	2.1	2.5	2.5	2.0	1.5	2.3	2.3	2.1	2.8	2.2	Sim to YBL104c; orf19.5897
6027	4.0	5.8	5.7	2.9	4.0	3.8	5.1	5.7	6.0	7.1	Sim to YBR007; orf19.6268
2605	9.7	20.4	31.8	20.5	17.5	15.5	15.3	14.0	24.4	27.3	Sim to YBR097W; orf19.127
3479	2.9	2.9	2.7	1.0	2.5	3.2	3.6	2.5	4.1	3.2	Sim to YBR102C; orf19.135
3979	2.0	3.8	3.2	5.3	3.1	2.2	3.1	2.9	3.1	4.6	Sim to YBR129C; orf19.4245
4114	3.8	7.4	8.4	4.9	4.8	5.0	3.3	4.1	6.5	4.8	Sim to YBR204C; orf19.782
7213	4.7	6.5	6.5	3.4	5.1	4.1	5.0	5.0	7.6	7.3	Sim to YBR255; orf19.3318
6496	3.4	2.3	2.1	1.8	2.0	1.4	2.6	2.2	1.6	2.0	Sim to YBR275c; orf19.427;
1417	6.8	18.3	21.6	7.0	9.8	6.7	8.2	12.8	17.0	11.2	Sim to YBR280C; orf19.13175
1782	2.1	1.9	2.4	2.6	1.5	1.5	2.2	2.1	2.6	1.9	Sim to YCL033C; orf19.3292
5890	2.1	2.0	2.4	2.3	2.1	1.5	1.7	1.7	1.0	1.0	Sim to YCR051W; orf19.2256
2154	1.6	3.1	3.7	1.8	2.5	2.8	2.3	2.8	2.6	2.4	Sim to YCR079W; orf19.3705
3197	3.7	2.0	3.1	2.9	2.7	4.0	2.5	2.8	5.2	5.2	Sim to YDL012C and
7726	1.6	2.1	2.0	1.9	1.8	2.1	1.6	1.6	2.4	2.4	Sim to YDL025C; orf19.6980
3025	3.6	5.3	6.8	4.4	6.2	5.6	2.4	3.7	7.0	7.2	Sim to YDL046W; orf19.3226
4727	2.1	2.5	3.2	2.2	2.1	2.3	2.4	2.6	2.9	2.3	Sim to YDL057W; orf19.577
6425	3.5	4.9	5.0	3.3	3.6	2.8	3.2	4.8	5.9	5.0	Sim to YDL077C; orf19.1568
1342	5.1	9.8	11.2	3.2	4.2	6.1	6.8	9.5	7.3	10.0	Sim to YDL124W; orf19.1340
8160	2.1	2.7	2.5	1.9	1.9	2.2	3.4	2.9	2.5	3.3	Sim to YDL124W; orf19.7260
8725	2.4	2.5	2.3	-1.4	2.0	3.6	3.3	3.1	3.1	4.1	Sim to YDL146W; orf19.7473
2172	3.3	5.6	6.3	5.7	5.6	2.3	3.6	5.1	5.1	6.7	Sim to YDL203; orf19.1144
8541	3.0	4.0	4.7	4.8	3.4	3.7	4.8	6.6	4.3	3.6	Sim to YDR034; orf19.7381
7980	2.9	3.7	3.1	3.1	3.4	3.8	2.8	3.3	10.6	11.2	Sim to YDR061W; orf19.5029
7352	13.2	21.4	16.7	24.3	13.8	12.9	19.0	15.3	26.5	19.6	sim to YDR080W;orf19.4859
8326	3.1	3.2	3.5	2.0	2.1	3.2	2.9	2.3	1.0	1.0	Sim to YDR092W; orf19.5337
4693	1.3	2.4	2.5	3.4	2.0	2.3	1.0	1.6	4.0	2.8	sim to YDR109C; orf19.2737
2535	2.0	2.9	2.9	1.0	1.7	3.9	3.5	2.8	3.2	2.4	Sim to YDR132; orf19.2749
1326	58.5	67.6	79.3	89.3	87.4	31.8	89.3	77.2	47.2	58.5	Sim to YDR207C; orf19.9381
8286	2.9	3.5	4.0	2.3	2.1	2.4	2.8	4.1	5.0	4.2	Sim to YDR221W; orf19.3286

1029	1.4	2.0	2.2	2.6	1.6	1.5	2.2	2.9	3.2	3.7	Sim to YDR282C; orf19.9184
1747	4.4	4.7	4.8	4.7	3.2	3.4	4.2	3.9	3.3	1.0	Sim to YDR284C; orf19.1181
1387	2.6	2.0	2.0	3.9	2.7	2.5	2.4	3.0	3.8	2.5	Sim to YDR316W; orf19.8880
812	1.0	3.3	2.6	2.0	2.4	2.0	1.8	1.4	5.1	4.1	Sim to YDR326; orf19.90
7612	2.1	3.5	3.8	2.8	3.5	1.8	3.3	2.4	2.4	1.7	Sim to YDR346C; orf19.6068
3399	2.5	2.3	2.0	1.6	1.5	1.8	2.2	1.8	1.9	2.2	Sim to YDR372 Fragment;
3313	4.9	7.8	10.4	4.9	8.5	8.3	11.6	11.3	18.4	20.1	Sim to YDR425wp; orf19.5036
2849	3.1	3.3	4.0	2.2	3.0	3.8	3.7	3.6	4.2	4.4	Sim to YDR466W; orf19.8787
6524	1.9	1.5	2.3	2.2	3.2	1.6	1.0	1.0	2.6	3.6	Sim to YDR476C; orf19.6627
2087	2.0	2.3	2.5	2.0	3.2	2.3	1.0	1.5	1.9	3.1	Sim to YDR481C; orf19.4736
56	3.3	4.1	3.9	3.7	4.4	2.0	2.4	2.2	2.0	1.7	Sim to YDR492W; orf19.7716
2614	1.0	2.0	2.1	2.2	2.0	-1.5	1.0	1.0	1.0	1.0	Sim to YDR527; orf19.4133
764	6.2	8.2	6.8	3.8	4.5	3.6	8.8	6.9	6.7	5.7	Sim to YER041W; orf19.8267
2116	4.1	3.9	4.8	5.7	3.2	4.5	6.4	6.2	6.5	3.7	Sim to YER044C; orf19.2016
5348	2.4	2.3	3.3	8.5	1.9	5.6	1.7	6.6	4.6	2.0	Sim to YER053; orf19.1395
5317	2.9	2.0	1.5	2.4	1.8	1.8	2.0	2.1	1.0	1.0	Sim to YER093C-A; orf19.6156
8674	3.0	4.6	4.3	2.5	3.2	3.9	4.2	2.2	1.6	2.7	Sim to YER116C; orf19.5438
1589	2.6	3.7	3.8	2.7	2.1	3.2	5.1	4.1	3.0	2.3	Sim to YER129W; orf19.3068
7315	4.4	4.6	3.3	2.9	3.3	2.9	3.2	3.5	2.1	2.0	Sim to YER134C; orf19.6929
820	2.5	4.7	4.8	6.6	4.8	3.8	5.7	6.1	7.2	5.4	Sim to YER152C; orf19.1180
637	2.8	4.4	5.4	4.2	4.5	5.2	4.9	4.1	5.1	7.6	Sim to YFL010C; orf19.10100
4675	2.3	2.3	2.0	1.9	1.8	2.5	3.0	1.8	1.8	1.5	Sim to YFL034W; orf19.2574
3704	5.4	6.1	5.2	4.3	5.1	8.8	9.0	6.2	7.9	8.1	Sim to YFR016C; orf19.92
4840	5.9	6.2	5.8	5.5	5.4	3.1	3.8	4.3	3.1	1.0	Sim to YFR038; orf19.1720
3384	3.6	4.6	3.0	3.9	3.0	2.6	1.0	3.0	2.3	1.0	Sim to YFR045W; orf19.5052
965	4.9	7.3	7.3	5.8	8.3	3.4	10.3	7.4	5.9	7.4	Sim to YGL066W; orf19.3473
3665	3.8	5.0	4.5	4.3	2.9	5.0	7.9	6.5	5.2	5.0	Sim to YGL083w; orf19.765
7995	2.6	3.7	3.1	1.8	2.3	2.7	3.6	3.3	3.5	3.9	Sim to YGL085W; orf19.5014
3266	4.8	4.7	6.0	5.3	4.2	3.9	9.3	7.5	4.9	5.9	Sim to YGL101W; orf19.2864
8006	1.9	2.4	2.8	2.1	2.1	2.0	2.3	2.7	3.3	2.8	Sim to YGL164C; orf19.5003
6387	4.8	5.7	5.3	3.6	3.1	5.1	4.3	5.0	5.7	5.0	Sim to YGL233w; orf19.1418
8444	2.1	1.9	2.3	2.5	1.4	2.3	2.8	2.5	2.2	1.7	Sim to YGL242C; orf19.7109
8749	1.8	2.2	2.6	2.2	2.0	1.5	2.2	2.1	2.4	2.7	Sim to YGR003W; orf19.7497
1721	1.5	2.3	2.0	2.2	2.0	1.3	1.0	1.9	1.5	1.0	Sim to YGR012W; orf19.5574
3995	2.3	2.3	1.9	2.1	2.2	3.6	2.2	2.1	1.4	1.0	Sim to YGR054W; orf19.2930
2680	3.5	2.9	3.5	2.8	2.6	3.6	3.9	5.2	4.2	4.5	Sim to YGR100W; orf19.1244
6845	4.4	6.2	6.3	4.9	3.7	3.7	4.6	4.9	5.4	4.8	Sim to YGR104C; orf19.11572
2463	1.5	2.9	3.4	1.8	2.1	1.5	1.9	3.4	6.1	9.8	Sim to YGR110W; orf19.3607
1764	9.8	19.0	17.5	5.0	5.0	6.7	4.3	9.1	6.4	5.6	Sim to YGR125W; orf19.3222
1597	3.1	5.0	5.6	3.6	2.4	3.2	3.5	3.7	3.8	3.6	Sim to YGR149W; orf19.988

6057	5.3	7.7	7.5	4.8	6.1	5.4	7.8	6.8	8.2	8.6	Sim to YGR198W; orf19.4163
5659	4.1	7.0	7.7	5.3	4.4	4.3	4.6	3.9	4.9	5.1	Sim to YGR266W; orf19.3983
8233	3.5	6.2	6.5	3.9	5.6	3.8	4.1	4.9	5.8	7.5	Sim to YHL002W; orf19.3233
5931	4.2	4.7	6.8	7.9	7.3	5.4	4.4	4.5	7.6	6.4	Sim to YHL017W; orf19.199
1291	3.1	3.2	2.8	2.6	2.4	3.0	3.5	3.6	2.7	1.9	Sim to YHL017W; orf19.1991
7055	2.8	3.5	3.4	2.9	1.8	2.0	3.6	2.9	3.8	2.4	Sim to YHR039c; orf19.1865
7113	3.6	5.3	3.8	3.2	3.7	2.9	3.6	3.9	3.8	2.8	Sim to YHR074W; orf19.1460
1815	2.2	3.4	2.9	2.1	1.8	2.3	3.7	2.7	4.3	4.6	Sim to YHR102W; orf19.3456
8378	2.4	4.5	5.9	10.7	3.4	3.7	5.1	9.8	9.5	7.4	Sim to YHR112C; orf19.7297
4302	1.9	2.3	2.2	1.7	2.0	1.9	1.8	1.8	1.7	2.3	Sim to YHR134W; orf19.291
1812	55.3	80.4	97.7	46.2	47.2	58.5	59.3	69.6	72.0	59.3	Sim to YHR182wp; orf19.3453
8331	2.2	2.6	2.4	3.3	2.8	1.9	2.5	2.1	3.0	2.7	Sim to YHR202W; orf19.5342
3845	2.5	3.2	3.3	2.4	2.3	1.5	2.5	2.2	3.0	2.8	Sim to YHR204W; orf19.834
7936	4.1	6.5	12.2	6.2	7.0	3.0	4.1	6.9	7.5	7.6	Sim to YIL001W; orf19.7010
8132	6.7	5.6	6.1	4.3	3.4	3.2	8.2	6.7	5.2	5.1	Sim to YIL026C; orf19.7232
1688	2.4	3.5	3.2	1.6	1.7	1.7	2.7	2.5	2.1	2.0	Sim to YIL027C; orf19.3730
5081	3.2	3.1	4.0	4.7	3.1	3.1	2.8	3.8	4.6	3.6	Sim to YIL041w; orf19.8821
8517	2.9	3.3	3.2	3.0	2.3	2.7	3.5	2.9	4.7	4.3	Sim to YIL083C; orf19.7357
1901	2.0	2.6	2.7	1.7	2.2	1.5	3.6	2.8	3.6	3.5	Sim to YIL144W; orf19.10345
3837	4.4	3.7	4.4	4.0	3.8	5.7	5.0	4.1	6.0	4.0	Sim to YIR003W; orf19.4878
2362	3.0	2.8	4.7	3.6	3.1	1.8	2.5	2.7	2.1	1.7	Sim to YIR019; orf19.267
5946	2.4	2.1	1.9	1.9	1.7	2.4	2.3	1.9	2.7	2.2	Sim to YJL005C; orf19.12617
8617	1.8	2.6	3.4	1.8	1.9	4.8	4.5	1.9	3.3	3.0	Sim to YJL069C; orf19.7457
7339	2.0	3.0	2.5	2.3	2.0	1.6	2.6	2.3	1.7	2.9	Sim to YJL083W; orf19.6953
8110	1.8	2.7	3.0	3.2	3.0	2.7	2.9	3.2	4.1	5.2	Sim to YJR008; orf19.7210
2716	2.4	3.2	4.4	3.1	4.0	3.0	4.0	5.4	8.2	8.5	Sim to YJR089; orf19.8257
3656	3.1	4.5	4.0	3.9	4.0	3.8	4.6	5.1	3.9	5.8	Sim to YJR110w; orf19.12206
7788	5.5	7.7	4.8	3.8	5.5	4.2	5.4	5.1	4.7	4.7	Sim to YJR116W; orf19.3051
8201	20.8	1.0	9.8	9.5	24.4	15.9	1.0	23.8	39.9	45.9	Sim to YKL054; orf19.952
6780	1.9	3.7	3.8	2.1	2.2	2.5	2.5	2.9	7.1	7.6	Sim to YKL103C; orf19.6671
3753	4.2	4.4	4.7	3.3	3.1	4.4	6.7	5.7	4.6	4.0	Sim to YKL179C; orf19.8461
8124	3.9	3.7	4.3	3.4	3.2	3.2	3.9	4.4	4.9	4.8	Sim to YKR017C; orf19.7224
4341	2.4	2.5	2.7	2.3	2.0	2.0	2.0	2.2	2.4	2.2	Sim to YKR044; orf19.2200
1549	3.4	5.3	4.7	2.9	2.6	4.4	3.5	3.1	2.3	2.6	Sim to YKR088C; orf19.5534
5950	2.3	2.5	1.6	1.5	1.8	2.6	3.8	2.3	1.5	1.7	Sim to YLL007C; orf19.12613
9029	4.1	9.7	7.1	3.2	5.3	2.4	3.2	5.2	11.5	7.3	Sim to YLL032C; orf19.6008
3647	3.7	2.4	2.6	2.7	2.8	2.7	2.6	2.4	2.4	1.8	Sim to YLR008; orf19.4190
7667	6.1	7.4	8.9	5.9	3.5	6.7	10.3	9.6	10.3	9.0	Sim to YLR181C; orf19.5275
5641	4.0	5.2	5.5	4.2	2.7	3.8	4.5	5.6	5.2	4.8	Sim to YLR209C; orf19.7949
3430	24.4	41.6	30.9	20.4	21.1	29.0	40.2	48.8	42.8	31.1	Sim to YLR241W; orf19.1823

9105	1.9	2.8	3.2	2.5	3.6	2.3	2.3	3.1	5.0	6.6	Sim to YLR241W; orf19.5932
7043	1.9	3.1	2.9	1.7	2.0	2.7	3.2	3.1	3.3	4.2	Sim to YLR271W; orf19.1877
4182	2.7	3.9	3.1	2.1	3.0	3.0	5.0	5.4	4.2	6.8	Sim to YLR281; orf19.5488
8461	2.0	2.4	2.2	2.0	2.0	2.6	2.4	2.8	4.2	4.9	Sim to YLR290C; orf19.7092
9030	6.0	9.6	8.3	5.8	10.3	3.1	5.6	4.5	4.3	2.9	Sim to YLR372W; orf19.6007
5707	3.3	7.8	6.9	2.6	2.7	3.3	4.2	4.9	7.8	7.5	Sim to YLR423C; orf19.2982
6157	8.1	8.1	11.7	5.8	4.8	9.6	13.6	6.8	12.9	11.8	Sim to YML002W; orf19.5821
8563	2.5	3.9	4.0	2.3	2.4	3.3	2.7	3.3	6.1	5.1	Sim to YML020W; orf19.7403
2861	2.1	2.6	2.9	2.0	1.5	1.9	2.5	2.1	2.4	1.0	Sim to YML036W; orf19.927
9095	5.0	8.5	9.8	8.5	6.2	6.5	6.4	10.4	12.1	11.4	Sim to YML068W; orf19.5942
7566	5.5	3.8	3.7	2.9	4.5	8.7	3.6	4.5	8.2	11.8	Sim to YML123C; orf19.6578
5876	6.0	5.9	8.1	8.4	3.8	1.0	3.7	5.6	6.1	1.0	Sim to YML131; orf19.10651
4290	2.3	1.8	1.0	-2.7	2.9	6.2	3.3	1.0	2.2	3.8	Sim to YML131; orf19.3544
159	1.6	1.9	1.9	1.8	2.0	2.0	2.4	2.2	2.0	2.4	Sim to YMR002W; orf19.93
5544	2.2	2.3	3.2	3.0	2.9	3.0	2.0	2.6	4.0	3.6	Sim to YMR009W; orf19.2306
8402	9.5	12.7	11.3	10.1	4.8	15.5	21.9	8.5	12.8	8.4	Sim to YMR029C; orf19.7321
5321	2.1	2.0	2.1	2.5	2.2	2.2	1.0	1.0	2.7	2.8	Sim to YMR031C; orf19.6160
5291	3.5	5.2	6.1	4.3	4.1	3.6	3.0	4.0	4.7	3.5	Sim to YMR067; orf19.1359
3861	3.8	3.2	3.2	4.7	3.0	2.5	2.8	3.6	2.8	1.9	Sim to YMR098C; orf19.2387
528	2.1	3.1	3.2	2.9	3.1	2.3	2.2	2.2	2.5	2.7	Sim to YMR109W; orf19.738
6393	2.4	4.4	6.3	2.4	4.4	2.7	4.1	4.2	9.6	8.9	Sim to YMR155W; orf19.1424
1304	2.1	2.9	3.6	2.4	1.9	2.1	1.9	2.3	3.3	2.5	Sim to YMR178W; orf19.5757
7222	2.1	2.5	2.8	3.8	2.1	2.2	1.0	2.1	2.8	1.6	Sim to YMR196; orf19.338
7030	2.3	3.2	3.2	4.0	4.3	1.3	1.0	1.9	5.8	4.6	Sim to YMR210W; orf19.1890
8049	4.7	7.0	7.0	5.0	4.4	3.1	5.2	4.5	4.4	3.4	Sim to YMR258C; orf19.7149
6776	2.7	2.8	3.3	2.6	1.9	4.5	3.5	3.7	4.1	4.6	Sim to YMR263; orf19.6667
6777	2.6	3.3	3.0	1.8	2.3	3.3	4.1	2.9	2.8	3.8	Sim to YMR264W; orf19.6668
5211	3.6	4.1	3.8	2.3	2.9	2.2	3.7	1.7	1.0	1.0	Sim to YMR266W; orf19.4805
7703	2.8	3.7	5.0	3.7	2.0	4.0	4.3	3.6	4.4	4.2	Sim to YNL040W; orf19.5239
3039	2.8	3.9	5.1	3.9	2.7	3.3	3.6	3.4	4.0	3.2	Sim to YNL094W; orf19.9265
1751	1.5	3.3	1.9	1.8	2.5	3.4	2.3	2.7	2.4	3.1	Sim to YNL116W; orf19.8776
7059	2.6	2.8	2.5	2.0	2.3	3.0	2.2	2.0	2.6	2.2	Sim to YNL129W; orf19.511
4493	1.9	2.4	3.8	3.5	3.4	3.9	2.3	3.0	2.3	3.9	Sim to YNL152; orf19.2832
4313	2.3	3.8	4.2	2.9	2.0	1.7	2.3	2.4	2.4	1.8	Sim to YNL155; orf19.4474
8144	1.9	4.2	5.1	4.5	2.1	2.9	5.5	6.5	8.8	5.7	Sim to YNL168C; orf19.7244
6490	3.4	4.7	4.3	5.6	3.6	2.6	4.2	6.3	5.9	7.0	Sim to YNL200C; orf19.3679
3881	2.3	3.6	3.7	1.0	2.2	2.1	5.1	3.5	2.9	3.0	Sim to YNL201C; orf19.3685
8510	2.0	2.7	2.7	3.1	3.5	1.8	2.2	1.9	1.9	3.0	Sim to YNL208W; orf19.7350
5517	3.1	4.3	3.8	3.1	2.2	1.9	3.0	3.7	3.3	2.8	Sim to YNL212W; orf19.6324
6816	2.0	3.2	3.1	2.9	2.7	1.0	2.8	2.9	2.3	2.7	Sim to YNL217; orf19.6707

2226	3.4	4.4	5.1	2.7	2.8	3.1	3.7	4.1	4.0	3.1	Sim to YNL218W; orf19.3601
6522	1.8	2.4	2.4	2.4	2.7	1.1	1.9	2.1	1.4	1.9	Sim to YNL246w; orf19.6625
9018	3.0	4.0	3.6	3.2	3.3	2.5	3.9	4.7	4.6	5.2	Sim to YNL321W; orf19.7670
6971	3.4	3.8	4.1	1.8	2.1	2.5	3.0	2.4	3.8	4.2	Sim to YNR029C; orf19.5165
3961	6.6	5.9	5.2	6.6	5.8	4.7	6.7	4.7	5.4	5.9	Sim to YOL019W; orf19.1510
3993	5.3	6.4	6.1	3.7	6.3	4.9	5.8	5.9	6.9	7.4	Sim to YOL070c; orf19.11826
3682	2.2	2.6	2.5	2.0	1.7	2.9	2.8	2.6	3.5	3.9	Sim to YOL078W; orf19.5221
7023	3.1	2.6	2.6	2.1	3.7	1.0	2.9	3.0	2.8	2.7	Sim to YOL116W; orf19.1897
8977	2.9	3.3	3.4	3.0	3.2	2.7	2.9	4.1	4.3	3.6	Sim to YOL138C; orf19.7629
5296	2.5	3.6	3.7	1.8	2.2	2.8	2.4	2.6	3.8	4.3	Sim to YOL147; orf19.1364
2517	2.2	4.0	5.1	3.1	3.5	1.5	1.8	2.0	1.0	1.0	Sim to YOR059C; orf19.4128
5474	3.2	4.5	3.2	3.3	2.1	3.2	5.9	5.6	3.8	3.9	Sim to YOR112W; orf19.11229
9118	2.1	2.0	1.4	2.2	3.1	1.8	1.8	1.7	2.0	2.6	Sim to YOR129C; orf19.5919
3200	9.6	6.5	6.6	7.4	8.1	6.5	9.6	9.1	5.9	6.9	Sim to YOR137C; orf19.3219
8494	3.7	4.8	4.7	3.9	3.4	2.9	4.4	4.7	4.6	5.3	Sim to YOR166C; orf19.7059
7039	3.4	3.2	3.1	2.7	3.1	3.2	4.7	3.6	5.5	5.0	Sim to YOR175C; orf19.1881
3018	23.4	27.3	35.3	18.0	26.7	17.0	19.2	24.6	22.6	12.6	Sim to YOR238W; orf19.4061
4990	2.2	2.0	2.3	2.6	1.6	1.9	2.4	2.7	2.8	2.0	Sim to YOR246C; orf19.4521
5217	1.6	2.7	2.3	2.4	1.9	1.8	2.5	3.0	2.9	3.2	Sim to YOR271C; orf19.4811
5092	1.7	2.4	2.3	1.0	1.9	1.7	2.6	3.1	2.9	2.7	Sim to YOR296; orf19.6012
2299	6.4	8.6	7.9	5.7	8.9	5.0	3.2	3.9	3.4	1.0	Sim to YPL110C; orf19.3936
1722	2.5	4.5	5.0	2.7	4.4	3.5	6.3	5.1	9.7	12.5	Sim to YPL112C; orf19.5575
8613	28.6	33.4	51.3	22.6	26.9	37.0	34.1	33.8	33.6	21.6	Sim to YPL150W; orf19.7453
5900	8.8	11.8	14.9	10.1	10.5	5.4	8.2	8.4	8.3	8.0	Sim to YPL199C; orf19.2246
5383	2.1	2.3	2.4	1.7	2.0	2.4	2.9	2.1	3.0	3.7	Sim to YPR003C; orf19.2149
3637	1.9	2.3	2.0	2.3	2.8	1.6	2.2	2.0	1.8	2.4	Sim to YPR079W; orf19.758
6352	2.2	3.3	3.6	2.8	2.0	2.5	3.0	3.5	2.4	1.3	Sim to YPR118W; orf19.2008
7235	4.5	5.4	8.3	2.1	4.0	5.2	4.2	4.0	10.7	19.0	Sim to YPR153W; orf19.351
1562	4.2	4.1	5.9	3.8	4.0	3.8	4.2	4.7	4.8	3.9	similar to YMR137C; orf19.2926
2645	3.3	4.0	4.2	3.1	2.2	2.9	4.2	4.8	5.0	4.3	SIN4; orf19.8923
6367	2.8	3.8	2.8	2.4	3.3	2.0	4.4	4.5	2.9	3.1	SIR2; orf19.9544
8522	12.2	9.6	6.7	10.3	13.6	10.9	9.6	6.3	5.8	7.5	SKN1; orf19.7362
8618	5.2	5.6	7.4	4.9	3.9	5.7	9.7	6.5	7.5	5.3	SKO1; orf19.7458
2718	2.3	1.9	2.3	2.3	1.3	2.3	2.1	2.0	2.5	1.9	SKP1; orf19.11905
7099	2.6	3.4	3.0	2.8	2.3	3.0	2.7	2.4	3.1	2.7	SLA1; orf19.1474
8101	3.5	3.5	3.5	2.9	2.6	3.1	2.9	3.2	3.1	3.7	SLA2; orf19.7201
8979	13.4	20.5	14.7	9.6	8.0	7.1	22.2	13.5	11.6	12.0	SLD5; orf19.7631
8213	5.6	5.9	6.7	5.6	6.6	2.8	6.1	5.1	4.0	4.0	SMC4; orf19.964
7111	9.7	14.9	14.0	11.7	10.0	7.5	10.0	8.8	8.1	7.4	SMP2; orf19.1462
6668	4.3	7.9	8.2	1.5	3.2	4.9	3.2	9.7	5.9	7.8	SNO99; orf19.10465

1292	7.4	15.1	14.0	9.2	10.1	8.5	9.4	10.2	12.4	15.2	SNX4; orf19.1990
6669	8.1	11.0	14.3	8.8	7.3	9.4	7.1	15.0	11.8	14.4	SNZ99; orf19.2947
7495	74.5	79.9	66.7	74.5	63.6	79.9	84.4	76.1	78.2	115.4	SOD31; orf19.2060
6398	2.1	3.4	2.7	1.0	2.2	2.1	2.2	2.8	3.5	2.7	SOH1; orf19.1429
6126	13.9	35.0	42.5	7.8	9.0	12.9	2.5	3.0	12.6	7.7	SOU1; orf19.2896
1610	4.0	9.3	7.4	6.1	7.4	7.0	6.0	6.2	5.4	5.9	SPO14; orf19.1161
2896	5.9	6.0	5.9	6.4	3.4	4.5	5.5	5.9	5.5	3.4	SPT16; orf19.2884
3164	3.2	4.8	6.3	3.0	2.9	3.2	4.8	4.4	4.5	2.4	SPT8; orf19.11787
2942	5.7	5.3	4.3	4.7	3.4	7.5	5.8	5.2	7.0	4.2	SRO77; orf19.1203
8079	2.9	2.4	2.9	3.9	3.2	2.7	2.5	3.4	4.0	2.8	SSC1; orf19.7179
7122	1.9	2.1	2.5	2.0	2.3	2.3	1.8	2.0	3.0	2.9	SSN2; orf19.1451
5644	2.2	1.8	2.3	2.2	1.8	2.9	1.8	2.8	4.2	3.2	STB2; orf19.314
4953	12.0	12.7	10.0	8.8	6.5	6.7	11.9	10.5	8.2	9.1	STE13; orf19.5851
1442	2.7	3.9	3.4	2.6	2.2	1.7	3.1	2.8	1.7	1.0	STE141; orf19.7766
9032	3.5	7.0	8.3	3.2	3.4	3.8	4.1	4.4	5.9	7.9	STL98; orf19.6005
3218	2.9	4.9	5.3	4.6	2.6	2.7	2.5	4.1	3.4	2.8	STR2; orf19.1033
1129	2.5	3.7	3.2	2.7	4.7	3.4	3.3	2.8	4.1	3.4	STT4; orf19.9377
6222	4.9	4.5	5.1	2.7	3.6	3.4	8.0	6.0	5.2	5.2	STU2; orf19.6610
2071	2.4	2.6	2.1	2.3	3.1	1.9	2.7	2.6	2.6	3.8	SUN4; orf19.3642
3607	3.4	3.8	3.9	2.6	2.3	3.7	3.7	3.7	3.6	3.0	SWD3; orf19.10306
6691	3.6	2.4	2.6	2.2	2.7	2.7	2.9	2.3	2.6	2.4	SWI4; orf19.12020
3187	6.8	8.5	6.5	4.5	4.3	5.4	8.0	6.7	6.1	5.5	SWI6; orf19.4725
8242	2.2	2.3	2.8	1.6	1.4	1.9	2.3	2.1	2.2	2.1	TAF10; orf19.3242
3907	5.2	10.1	8.1	5.9	7.6	5.2	13.2	15.0	6.1	11.3	TES4; orf19.5216
7360	4.2	5.2	3.8	2.9	3.1	3.8	5.4	3.7	3.0	3.9	TFA1; orf19.4851
4803	5.9	5.6	6.1	5.5	3.7	4.5	6.5	6.1	7.0	7.0	TFC4; orf19.274
2002	3.0	2.5	2.7	2.8	1.7	3.5	2.4	2.7	3.0	2.0	TFP1; orf19.9249
8490	1.9	2.6	2.0	2.7	2.5	1.0	1.5	1.9	1.0	1.4	THG1; orf19.7063
7666	2.0	2.4	2.8	3.2	1.9	2.4	2.1	2.3	3.1	1.6	THP1; orf19.5276
5955	2.5	2.5	2.0	2.2	1.7	1.8	1.6	2.1	1.4	1.0	TIM54; orf19.12608
7416	3.8	5.9	4.3	4.4	2.5	5.3	4.6	4.7	4.8	4.4	TIP20; orf19.4003
6338	2.6	2.8	2.9	2.9	1.6	2.2	2.8	2.8	2.4	2.3	TKT1; orf19.5112
9103	46.2	53.8	59.3	21.3	24.3	16.0	70.0	54.6	34.8	51.3	TOP3; orf19.5934
4149	8.2	7.3	6.3	6.1	10.9	6.4	9.5	5.7	8.2	12.3	TOS1; orf19.1690
8821	2.2	2.2	2.2	1.6	1.3	2.0	1.9	2.0	2.0	1.5	TPD3; orf19.6810
5196	2.0	2.4	2.0	1.9	1.6	1.7	2.3	2.1	1.5	1.0	TRR1; orf19.11766
8952	3.7	3.5	3.3	2.3	2.4	4.0	6.0	4.2	6.2	4.3	TRS120; TRAPP component;
5112	11.3	18.3	13.2	10.5	8.8	9.3	13.7	19.0	14.9	10.7	TSC10; orf19.6131
8389	11.2	11.6	13.2	12.7	10.3	8.5	18.0	15.6	12.3	14.5	TUB1; orf19.7308
7578	12.9	10.4	10.5	13.1	9.8	9.6	14.8	13.7	12.3	10.6	TUB2; orf19.6034

6991	4.4	4.1	4.1	3.9	6.3	6.5	6.2	5.0	7.4	10.5	TUS1; orf19.6842
1321	25.8	33.4	40.5	31.3	14.7	32.7	28.8	30.9	35.3	25.6	TWF1; orf19.2228
7904	2.1	2.8	2.7	2.4	1.8	1.7	2.4	2.5	2.4	1.9	TYR1; orf19.4605
8598	2.3	3.1	2.7	2.7	1.6	2.3	2.5	2.9	2.6	1.9	UBA1; orf19.7438
5012	5.7	8.1	7.5	5.7	3.2	5.0	5.8	7.2	5.8	4.3	UBA3; orf19.4209
8647	1.9	2.3	2.4	1.8	1.4	1.8	2.9	2.5	2.1	2.1	UBC12; orf19.5411
8507	2.7	2.3	2.2	1.7	2.0	2.2	1.9	1.9	2.2	2.3	UBC6; orf19.7347
135	5.9	12.0	13.5	6.7	11.8	11.2	6.0	5.8	19.7	13.8	UBP16; orf19.11145
5225	4.5	4.5	5.3	4.0	4.4	4.1	3.3	3.2	3.7	4.0	ULA1; orf19.4153
8677	1.9	2.7	2.2	2.2	2.1	2.1	2.0	1.8	1.6	1.8	ULP2; orf19.5441
8585	32.2	32.7	37.0	24.8	30.9	25.3	34.1	35.8	36.5	43.7	UNG1; orf19.7425
3411	2.1	2.5	2.3	2.0	1.5	2.1	2.7	2.5	2.1	1.9	URA6; orf19.5195
5056	1.0	2.2	2.1	2.2	1.6	1.0	1.0	0.0	1.0	1.0	URK1; orf19.5864
1434	3.4	4.1	4.0	3.3	2.8	4.2	5.5	4.3	3.0	2.7	USO1; orf19.2629
5873	2.0	2.5	2.6	2.3	1.9	3.8	2.2	2.5	3.4	3.0	USP1; orf19.3136
2815	5.3	7.9	7.2	4.3	3.1	3.6	3.2	4.4	6.8	4.7	VCX1; orf19.405
7054	2.8	2.5	2.6	2.4	1.5	2.4	2.8	2.5	2.4	2.0	VMA10; orf19.1866
6531	2.3	2.2	2.3	2.4	1.6	2.6	2.3	2.2	2.2	1.6	VMA2; orf19.6634
4100	2.8	2.8	3.2	3.6	2.2	3.2	3.2	3.3	3.8	2.8	VMA4; orf19.2598
1803	4.9	6.9	6.8	4.6	3.3	5.5	5.9	5.5	6.7	5.2	VMA5; orf19.9712
2055	2.8	3.1	2.9	2.8	1.8	2.8	3.2	3.1	3.0	2.5	VMA6; orf19.7996
1975	7.0	8.8	10.4	10.1	11.5	7.5	10.3	7.6	8.6	12.0	VPS1; orf19.1949
2825	3.1	3.5	4.4	4.3	2.6	3.6	3.1	4.4	5.7	4.3	VPS11; orf19.4403
6997	5.0	4.4	5.3	3.6	3.0	4.7	4.8	5.8	6.9	4.6	VPS16; orf19.6848
513	1.8	2.3	2.8	1.7	2.4	2.3	2.3	2.0	2.8	3.6	VPS181; orf19.13030
3801	1.9	2.3	3.2	2.0	2.4	2.4	2.7	2.3	4.3	4.3	VPS182; orf19.5718
621	1.7	2.0	2.5	1.7	1.7	1.8	2.3	2.1	3.1	3.9	VPS184; orf19.1019
7620	6.9	8.3	8.6	5.4	4.6	5.2	7.6	8.5	7.2	5.3	VPS29; orf19.6076
8990	2.1	2.3	2.3	1.8	1.8	2.1	2.0	2.2	2.2	2.0	VPS3; orf19.7642
4689	3.5	8.2	8.7	3.6	4.2	5.2	4.8	7.1	13.6	14.5	VPS30; orf19.10247
3905	2.8	5.8	6.9	2.7	2.4	4.3	4.2	5.1	6.2	5.9	VPS33; orf19.5214
673	2.8	5.7	8.1	4.3	5.0	3.6	6.3	4.2	8.0	6.8	VPS34; orf19.6243
1673	4.4	5.7	6.9	3.4	3.4	3.8	3.2	4.2	5.6	5.3	VPS4; orf19.11814
6247	4.7	5.7	5.4	3.5	3.2	3.6	4.7	4.6	6.8	5.1	VPS53; orf19.6094
8623	3.3	3.7	2.9	1.9	2.0	3.7	2.8	3.1	4.0	3.3	VPS8; orf19.5387
1548	2.2	4.0	3.9	2.3	2.7	2.8	2.9	3.8	5.0	4.4	VPS9; orf19.5533
8691	4.9	4.2	4.8	2.6	2.7	3.8	2.6	3.1	1.8	2.0	VTC1; orf19.5455
6326	7.8	9.6	8.8	4.1	4.3	5.7	2.8	3.7	2.8	3.7	VTC2; orf19.4381
1229	2.5	4.4	4.0	4.7	3.8	4.4	3.9	4.5	6.9	5.7	WRY3; orf19.8479
6383	2.5	2.6	2.5	2.6	1.9	2.2	1.6	1.9	2.2	1.9	WWM1; orf19.1414

788	7.3	7.3	6.8	5.0	6.5	3.8	8.9	6.4	6.8	6.5	YCG1; orf19.9190
7037	8.1	6.9	6.3	5.4	4.7	4.5	8.3	8.0	6.8	5.7	YCS4; orf19.1883
6941	9.7	10.7	11.2	10.8	10.9	14.9	8.8	13.3	15.0	16.7	YDC1; orf19.3104
2082	1.9	2.5	2.6	2.0	2.5	1.0	2.3	1.0	1.9	2.8	YEA4; orf19.1382
2738	6.7	8.3	6.6	3.2	4.6	6.7	5.7	5.8	3.8	6.1	YHM2; orf19.4197
3747	2.3	2.2	2.3	3.6	1.8	3.0	3.9	2.7	2.2	1.4	YIM1; orf19.847
441	2.6	3.8	5.5	6.2	3.6	3.6	3.0	5.5	8.2	4.5	YJU3; orf19.4864
5715	3.2	3.4	3.6	3.2	2.4	3.9	4.4	3.4	3.5	3.1	YKT6; orf19.2974
3714	6.7	9.6	9.0	4.6	5.0	8.4	9.3	9.6	7.9	8.8	YMD8; orf19.6480
8926	17.5	17.3	16.1	12.7	10.1	8.6	30.3	23.1	26.4	33.4	YOS9; orf19.7578
7943	33.8	24.1	19.4	26.4	19.6	17.9	24.4	30.1	11.5	15.9	YOX1; orf19.7017
7256	2.8	3.8	3.1	2.3	2.0	2.2	2.3	1.8	2.2	2.1	YPD1; orf19.4443
1413	2.5	2.6	2.2	1.5	1.6	2.4	2.9	2.0	1.5	1.3	YPT31; orf19.2622
8116	2.4	2.7	2.6	2.3	2.1	2.2	2.4	2.3	2.6	2.6	YPT521; orf19.7216
5901	5.5	8.3	7.3	4.0	5.5	4.9	7.7	6.9	5.8	6.5	YPT7; orf19.2245
5714	5.1	7.9	8.3	4.3	8.6	4.3	9.8	6.4	5.3	7.5	YPT71; orf19.2975
8835	5.0	6.1	4.8	3.5	3.0	5.7	3.9	3.4	4.7	3.7	YSA1; orf19.6796
7518	2.1	1.4	1.5	1.9	2.3	2.2	2.8	2.0	1.9	2.3	ZDS1; orf19.3823
1810	-2.4	-2.5	-2.5	-3.9	-1.7	-2.0	-2.3	-2.4	-3.5	-2.0	ADK12; orf19.3391
7562	-11.7	-7.4	-12.7	-11.6	-8.2	-12.9	-10.7	-12.3	-10.7	-7.6	ALK6; orf19.6574
1706	-60.5	-17.8	-13.4	-46.2	-20.0	-132.5	-62.7	-21.7	-15.9	-17.3	ALK8; orf19.10
8899	-2.1	-3.3	-2.4	-2.6	-2.6	-2.6	-2.4	-2.2	-3.3	-4.7	ALO1; orf19.7551
3074	-4.8	-10.0	-18.3	-9.3	-7.4	1.0	-4.5	-13.6	-21.4	-16.0	ALS4; orf19.4555
4915	-2.3	-2.3	-2.8	-1.5	-1.3	-2.0	-2.3	-2.1	-2.3	-2.6	ALS5; orf19.5736
7807	-4.6	-5.2	-5.4	-2.9	-4.3	-2.3	-3.4	-3.2	1.0	1.8	ARF1; orf19.6447
6923	-2.5	-2.8	-2.3	1.0	-1.8	-2.4	1.0	-2.2	-1.9	-2.1	ARR3; orf19.3122
4526	-9.1	-8.1	-7.7	-10.3	-7.2	-8.0	-12.5	-13.4	-5.4	-6.4	ATH1; orf19.6214
4661	-2.7	-2.3	-2.2	-2.4	-2.2	-2.8	-2.1	-2.4	-2.8	-3.7	AVT12; orf19.5496
2909	-3.7	-5.1	-3.1	-3.6	-3.7	1.0	-2.8	-4.7	-2.0	-1.8	AZF1; orf19.173
3827	-8.8	-41.1	-13.5	-9.8	-11.3	-2.5	-5.9	-6.3	-1.7	-1.3	BDH2; orf19.5288
5574	-2.8	-2.7	-2.4	-3.2	-4.7	-2.4	-2.8	-2.5	-2.8	-3.9	BIG1; orf19.2334
8230	-2.2	-2.2	-2.0	-1.7	-1.4	-2.3	-2.2	-2.3	-1.6	1.0	BOI2; orf19.3230
1509	-2.6	-3.7	-2.8	-3.0	-3.8	-1.5	-1.7	-1.3	1.3	2.0	BUB3; orf19.2655
4510	-2.8	-3.8	-3.3	-2.6	-1.9	-4.3	-7.0	-4.6	-2.2	-28.4	CAR2; orf19.5641
8011	1.0	-2.3	-3.6	-3.8	-2.0	1.0	-1.6	-3.1	-2.7	-1.9	CHA4; orf19.4998
7281	-10.6	-22.0	-14.5	-11.3	-16.3	-8.2	-12.0	-14.7	-14.1	-17.3	CHK1; orf19.896
6385	-1.5	-2.1	-2.1	-1.4	-2.2	-1.7	-2.1	-1.6	-1.8	-1.7	COX11; orf19.1416
4624	-2.3	-3.4	-2.9	-3.1	-2.7	-1.7	-2.8	-2.9	-2.0	-1.4	CPH2; orf19.1187
4894	-5.9	-8.5	-8.2	-4.6	-8.6	-3.7	-2.7	-3.1	-7.3	-1.2	CRD1; orf19.4784
308	-1.8	-1.8	-2.0	-2.1	-1.8	-2.4	-2.1	-2.5	-3.6	-4.8	CRK1; orf19.11006

5087	-2.0	-1.8	-2.0	-1.6	-2.0	-2.2	-2.0	-1.8	-2.2	-2.4	CSE2; orf19.8815
2388	-2.3	-6.0	-4.8	-2.0	-3.7	1.0	-9.1	-4.5	-2.6	-3.4	CSP37; orf19.2531
6239	-2.3	-2.6	-2.4	-2.3	-3.2	-2.2	-2.1	-2.3	-2.2	-1.9	CST6; orf19.6102
7515	-13.7	-14.3	-12.4	-15.3	-9.4	-10.1	-6.7	-10.4	-10.9	-7.8	CTN2; orf19.3820
7342	-3.1	-3.2	-3.4	-2.9	-2.3	-1.9	-2.4	-2.9	-2.3	-1.6	DAL52; orf19.6956
4414	-4.6	-6.5	-7.7	-5.4	-9.7	-5.5	-3.5	-4.8	-6.1	-8.3	DES1; orf19.4048
4208	-6.8	-3.4	-2.4	-4.1	-8.3	-6.5	-14.8	-15.1	-3.7	-4.8	DHN6; orf19.2344
1685	-1.6	-2.7	-2.7	-4.7	-2.0	-1.6	-2.0	-2.1	-7.9	-7.7	DHP99; orf19.4698
8181	-2.6	-3.2	-2.6	-2.6	-1.7	-2.3	-2.9	-2.8	-2.9	-2.8	DNF2; orf19.932
1809	-1.9	-2.2	-2.7	-2.0	-2.6	-1.8	-1.8	-2.0	-2.4	-5.2	DOG1; orf19.3392
5174	-3.1	-3.4	-2.7	-2.3	-3.0	-3.1	-3.7	-3.0	-3.2	-4.5	DOM34; orf19.2419
5805	3.8	2.3	2.0	1.4	-1.9	1.0	1.5	1.4	1.0	-1.4	DOP98; orf19.993
1203	-2.0	-1.8	-1.9	-3.4	-3.5	-3.7	-2.1	-1.7	-2.3	-2.3	DPB11; orf19.9008
8353	-2.8	-2.6	-2.4	-1.6	-1.5	-4.2	-3.7	-3.5	-6.3	-6.1	ECM2; orf19.5364
3053	-4.1	-3.7	-3.0	-3.2	-2.8	-1.8	-3.9	-4.3	-1.9	-1.4	ECM21; orf19.12351
8781	-1.8	-2.7	-2.4	-2.2	-2.2	-1.9	-2.1	-2.2	-1.7	-1.7	EPL1; orf19.7529
3830	-2.4	-3.0	-3.8	-2.9	-3.1	-1.9	-2.6	-3.6	-4.1	-4.3	ERO1; orf19.4871
8652	-2.7	-2.6	-2.3	-2.5	-2.7	-2.1	-2.0	-1.9	-2.0	-1.9	ESA1; orf19.5416
4411	-2.6	-2.9	-3.1	-2.4	-1.8	-2.8	-2.3	-2.8	-4.8	-3.2	EST1; orf19.4045
2782	-4.1	-4.4	-2.8	1.0	-3.5	-3.5	-3.2	-2.6	-1.5	-3.0	ETR2; orf19.8742
5006	-2.2	-1.8	-2.1	-4.8	-3.5	-1.7	-2.1	-1.7	-2.4	-2.6	FET34; orf19.4215
8131	-2.1	-1.5	-1.5	-1.7	-1.3	-2.0	-1.6	1.0	-3.5	-2.5	FTR2; orf19.7231
4451	1.0	1.0	1.0	-3.5	-3.5	1.0	-2.1	-3.4	-3.2	-2.0	FUR41; orf19.313
692	-9.3	-5.8	-5.8	-3.1	-5.6	-6.1	-5.3	-5.7	-5.7	-6.3	FZC99; orf19.255
2231	-3.5	-3.3	-3.8	-2.8	-1.9	-2.3	-2.6	-2.8	-4.2	-3.8	GAP12; orf19.1799
8317	-2.0	-2.2	-2.5	-2.8	-3.4	-2.4	-2.1	-2.5	-4.7	-5.9	GCN1; orf19.5328
8322	-3.4	-1.7	-2.5	-2.4	-1.9	-1.5	-2.1	-2.4	-3.2	-4.0	GCN1; orf19.5333
5041	-2.1	-2.9	-2.3	-2.8	-1.6	-2.1	-3.9	-6.1	-5.4	-6.2	GDS1; orf19.1963
4479	1.0	-1.8	-2.0	-2.2	-1.9	-1.5	-1.8	-2.3	-2.9	-3.8	GIS2; orf19.3182
4781	-2.4	-2.3	-2.4	-2.4	-4.2	-2.1	-2.2	-1.8	-2.6	-4.2	GLC3; orf19.13067
5029	-2.3	-2.1	-1.9	-1.7	-4.4	-1.9	-2.0	-1.2	-2.5	-2.2	GLG2; orf19.3325
5648	-2.4	-1.9	-2.5	-2.1	-1.6	-2.6	-2.0	-2.2	-2.9	-2.2	GOT1; orf19.3972
1984	1.0	-1.2	-1.4	-2.1	-1.4	-1.9	-1.8	-4.1	-11.7	-33.8	GPD11; orf19.691
7947	-1.6	-2.6	-2.3	-1.7	-2.2	-1.7	-2.7	-2.2	-2.1	-2.1	GPH1; orf19.7021
3231	-2.5	-2.1	-2.4	-2.3	-1.5	-2.0	-1.6	-2.3	-2.2	-1.7	GRR1; orf19.3944
3785	-1.7	-2.6	-2.5	-2.4	-2.1	-1.6	-2.0	-2.5	-3.7	-3.6	GSC1; orf19.2929
8278	-2.1	-2.2	-2.3	-2.2	-2.7	-1.8	-3.2	-3.0	-1.7	-2.5	GSY1; orf19.3278
5870	-1.9	-3.8	-3.5	-2.5	-3.3	-1.5	-2.7	-3.6	-4.5	-9.4	GUT2; orf19.3133
4487	-4.5	-3.7	-4.7	-3.8	-2.5	-2.2	-5.1	-5.8	-5.7	-6.9	HAL93; orf19.3190
231	-2.5	-2.0	-1.6	-2.2	-2.0	1.0	-1.3	-2.1	-2.8	-2.1	HDA2; orf19.14214

3044	-1.8	-2.2	-2.9	-3.9	-1.5	1.0	-2.1	-2.3	1.0	-2.1	HGT1; orf19.4527
3333	-3.3	-4.6	-5.6	-2.8	-2.8	-3.8	-3.0	-2.6	-4.5	-5.4	HOL1; orf19.4889
8644	-3.1	-3.1	-3.6	-4.1	-3.8	-2.8	-2.6	-2.9	-3.0	-2.5	HRK1; orf19.5408
1210	-1.9	-3.2	-2.8	-2.4	-1.9	-1.7	-1.9	-2.0	-8.0	-164.3	HXT61; orf19.9572
2377	-7.4	-6.4	-10.5	-17.6	-13.4	-5.1	-46.2	-53.4	-55.7	-79.9	HXT62; orf19.2022
1336	-3.1	-1.8	-2.3	-2.0	-2.4	-3.0	-2.1	-1.8	-1.5	1.0	ILV2; orf19.1613
1756	-2.5	-3.1	-2.2	-2.7	-2.3	-2.1	-1.4	-1.5	-1.9	-1.6	INT2; orf19.12173
8597	-3.6	-2.3	-2.5	-4.3	-1.8	-2.2	-2.4	-3.1	1.0	1.0	MAA1; orf19.7437
9125	-2.2	-2.2	-2.4	-1.9	-1.4	-5.0	-4.2	-3.2	-9.6	-11.8	MAK21; orf19.5912
6921	-1.4	-1.7	-2.1	-1.7	-1.5	-1.9	-2.1	-2.1	-5.7	-5.5	MAP1; orf19.3124
8312	-3.7	-2.8	-2.4	-4.5	-2.7	-2.9	-3.1	-2.6	1.0	1.0	MDH3; orf19.5323
1866	-5.2	-23.8	-25.8	-22.9	-21.7	-2.5	-7.1	-14.1	-28.1	-21.9	MNN24; orf19.11284
6907	-2.4	-2.6	-2.6	-2.1	-2.3	-2.1	-2.7	-2.5	-3.0	-2.5	MNR2; orf19.5667
4194	-3.2	-5.3	-4.3	-3.4	-3.3	-1.9	-3.0	-2.6	-2.5	-2.6	MOT1; orf19.4502
7482	-2.9	-2.4	-2.9	-2.6	-2.3	-2.6	-3.1	-2.8	-2.7	-2.2	MTE2; orf19.2073
684	-3.4	-3.1	-2.9	-3.4	-3.6	-2.9	-2.8	-3.6	-2.9	-2.5	NAG2; orf19.2157
7044	-3.3	-2.4	-3.2	-3.1	-2.7	-2.3	-2.5	-2.9	-3.6	-3.5	NAM8; orf19.1876
9076	-3.8	-2.2	-2.0	-2.5	-4.8	-1.6	-2.8	-1.7	1.0	1.3	NAS6; orf19.5961
1839	1.0	-1.9	1.0	1.0	-2.5	1.0	-2.1	-1.6	-2.1	-6.5	NIP1; orf19.4635
8050	-1.5	-2.6	-2.7	-2.0	-1.5	1.9	-1.7	-4.0	-2.8	-2.5	NRG1; orf19.7150
3322	-4.5	-3.2	-2.6	-2.2	-3.0	1.0	-2.8	-3.2	-1.8	1.0	NRO96; orf19.5045
5882	-2.7	-2.4	-2.8	-2.2	-1.8	-2.5	-2.4	-2.6	-3.0	-2.2	OLE2; orf19.2264
5914	-3.5	-3.8	-4.2	-2.8	-4.0	-3.4	-2.9	-2.6	-2.0	-3.0	OPS4; orf19.12400
3597	-6.3	-5.2	-4.3	-2.1	-3.5	-5.9	-3.6	-3.8	-1.9	-3.0	OPT1; orf19.2602
4217	-14.2	-10.2	-11.6	-6.2	-7.6	-7.3	-9.3	-11.5	-8.8	-5.0	OPT21 ; orf19.3749
1484	-2.7	-3.0	-2.5	-2.1	-2.2	-2.6	-2.4	-2.9	1.0	1.0	orf19.10686; Sim to YNL294c
3004	-2.9	-2.6	-2.7	-2.7	-1.7	-2.1	-2.5	-2.6	-1.9	-1.5	orf19.1093
2791	-2.1	-2.3	-2.3	-2.1	-1.7	-2.3	-1.7	-1.8	-3.1	-2.3	orf19.10953; Sim to YDR266c
1705	-2.9	-8.3	-7.2	-89.9	-7.0	1.3	-1.7	-6.0	-4.3	-15.3	orf19.11
739	-5.1	-7.4	-4.9	-6.3	-6.4	-3.2	-4.3	-21.0	-5.4	-2.4	orf19.1100
3466	-2.5	-3.1	-2.5	1.0	-1.9	-2.6	-2.7	-2.1	-1.8	-2.0	orf19.1114; Sim to YML030w
3127	-2.9	-4.0	-3.7	-2.1	-2.6	-2.1	-6.0	-3.6	-1.9	1.0	orf19.1152
5200	-3.2	-2.8	-2.5	-2.8	-4.3	1.0	-2.1	-2.3	-2.1	-1.3	orf19.11762
7250	-2.1	-2.3	-1.7	1.3	-2.1	-2.0	-1.4	-1.7	1.3	1.3	orf19.11917
2945	-3.5	-3.4	-2.7	-2.5	-2.0	-3.9	-3.3	-2.5	-3.0	-2.7	orf19.1200
6674	-3.5	-3.8	-3.7	-5.2	-5.3	-2.9	-3.7	-4.3	-4.4	-7.6	orf19.12003; Sim to YLR065c
2940	-2.3	-1.8	-2.3	-3.5	-2.9	-2.7	-1.8	-2.0	-3.0	-2.4	orf19.1205
840	-4.4	-2.7	-2.5	-2.3	-2.5	-2.3	-2.0	-2.4	-1.8	1.0	orf19.1207
2657	-2.6	-2.6	-3.5	-4.3	-4.0	-2.7	-1.7	-1.9	-2.5	-2.3	orf19.12424
8025	-2.7	-2.7	-3.1	-2.1	-2.2	-2.4	-2.3	-2.3	-2.0	-1.5	orf19.12451; Sim to YDR371w

5724	-2.0	-2.1	-2.5	-3.7	-2.5	-2.8	-1.7	-2.1	-3.8	-2.3	orf19.1257
2441	-3.6	-3.8	-3.4	-3.7	-6.1	-2.3	-2.9	-2.8	-5.7	-7.7	orf19.12692; Sim to YLR021
4776	-3.4	-2.5	-2.5	-3.4	-2.8	-2.1	-2.5	-2.5	-2.5	-2.7	orf19.13062; Sim to YPL181w
4785	-3.1	-6.4	-3.8	-4.3	-5.0	-1.4	-3.4	-3.3	-4.6	-2.7	orf19.13071
6891	-3.9	-4.8	-5.1	-5.4	-2.8	-3.2	-4.0	-3.9	-3.6	-3.0	orf19.13096; Sim to YJR119c
3886	-2.2	-1.8	-2.2	-1.5	-2.6	-2.0	-1.3	-1.8	-2.9	-2.5	orf19.1333; Sim to YJR015w
1218	-2.2	-5.3	-3.4	-2.2	-2.8	-1.7	-2.4	-2.5	-1.5	-1.5	orf19.1354; Sim to YER067w
6395	-2.2	-3.5	-3.1	-2.2	-1.6	-2.5	-1.8	-2.4	-2.8	-1.9	orf19.1426; Sim to YHR149cp
63	-3.7	-2.5	-2.7	-2.2	-3.6	1.0	-2.6	-2.2	1.0	1.0	orf19.148
2903	-2.4	-2.4	-2.9	-2.5	-2.6	1.0	1.0	-2.2	-2.1	-2.9	orf19.167; Sim to YIL130w
3233	-2.1	-2.2	-2.3	-2.1	-2.0	-4.3	-3.7	-3.6	-11.5	-11.4	orf19.1732; Sim to YBL004w
2910	-3.3	-2.9	-2.6	-2.8	-3.7	1.0	-3.1	-2.8	-1.7	-1.5	orf19.174
2666	-2.3	-3.2	-3.3	-2.8	-1.8	-2.6	-45.9	-2.8	-2.4	1.0	orf19.1778
2532	-3.9	-4.0	-2.4	-1.7	-6.1	1.0	-3.1	-1.5	1.1	1.4	orf19.1785; Sim to YCR076
2234	-2.8	-4.1	-4.9	-2.0	-3.1	-4.0	-2.8	-2.7	-4.2	-4.1	orf19.1802; Sim to YER049w
1262	-1.6	-3.0	-2.2	-3.5	-3.9	1.0	-5.1	-4.8	-1.4	-2.0	orf19.1862; Sim to YHR087w
7033	-2.5	-1.9	-2.1	-1.9	-2.4	1.0	-2.2	-2.2	-2.2	-1.9	orf19.1887; Sim to YLR020c
1277	-3.3	-2.7	-2.7	-5.0	-2.0	1.0	1.0	1.0	1.5	2.1	orf19.1926
2315	-2.3	-2.0	-2.1	-1.5	-1.6	-3.5	-2.2	-1.7	-2.3	-2.3	orf19.1961
1864	-2.1	-2.3	-2.1	-2.2	-1.8	-2.9	-2.3	-2.5	-4.5	-4.0	orf19.1971
2378	-3.5	-4.4	-5.4	-7.3	-5.5	-2.9	-14.2	-13.1	-13.2	-18.4	orf19.2021; Sim to YDR345c
5986	-5.0	-5.8	-3.1	-3.4	-7.2	-3.3	-3.6	-2.7	-1.5	-1.4	orf19.2047; Sim to YOR289w
7476	-3.0	-6.5	-4.8	-3.3	-4.9	1.0	-2.7	-2.1	1.0	1.0	orf19.2079
4268	-4.2	-6.2	-4.2	-7.5	-7.3	-2.6	-3.9	-5.4	-3.3	-5.0	orf19.2223
2446	-2.5	-3.2	-3.4	-3.2	-4.0	-3.5	-3.1	-2.8	-5.4	-9.3	orf19.2286; Sim to YJR070
5584	-2.3	-2.4	-2.0	-2.2	-3.1	-2.6	-2.0	-2.3	-4.0	-4.1	orf19.2324; Sim to YHR111w
1378	-3.6	-3.2	-2.7	-3.7	-5.6	-2.7	-2.2	-2.4	-1.7	1.0	orf19.2381
3675	-2.9	-2.3	-1.9	-1.8	-2.2	1.0	-1.5	-1.9	1.0	2.1	orf19.2398
41	-4.2	-9.8	-3.7	-4.6	-9.5	-1.8	-4.5	-2.8	-2.8	-2.3	orf19.2413
40	-2.2	-3.5	-2.3	-1.3	-2.5	1.0	-2.3	-1.7	1.0	-1.4	orf19.2414
1249	-8.7	-2.3	-4.8	-3.8	-6.6	-3.2	-7.0	-3.0	-51.3	-14.8	orf19.2449
691	-6.0	-7.2	-6.9	-5.2	-6.9	-7.5	-9.3	-7.3	-12.6	-12.1	orf19.254
4110	-3.1	-3.0	-3.9	-4.8	-4.8	-2.0	-3.4	-4.8	-1.7	1.0	orf19.2586
4801	-3.4	-3.4	-8.0	-4.2	-2.5	-2.9	-2.5	-4.3	-4.1	-2.9	orf19.2691
1251	-2.8	-3.4	-3.8	-3.2	-1.8	-2.3	-2.4	-3.0	-2.2	-1.4	orf19.2825; Sim to YKR071
1900	-2.4	-3.0	-2.3	-3.5	-3.2	-1.6	-2.1	-2.4	-2.2	-1.7	orf19.2826
4499	-6.6	-23.9	-7.8	-11.8	-7.4	-7.8	-9.3	-4.9	-3.8	-3.2	orf19.2838
4814	-4.5	-4.5	-3.2	-3.7	-2.8	-2.3	-3.7	-3.0	-1.7	-1.2	orf19.285; Sim to YHR132W-A
4944	-3.3	-2.9	-2.3	-3.1	-2.5	-2.8	-2.6	-2.9	-2.2	-2.3	orf19.2850; Sim to YNL191w
3277	-3.6	-2.2	1.0	-2.4	-3.4	-2.1	-2.9	-2.2	1.0	1.0	orf19.2853

3276	-2.5	1.0	-2.1	-2.6	-4.0	-1.8	-2.0	-1.6	-1.8	-1.5	orf19.2854
5285	-5.0	-8.1	-5.5	-4.7	-5.0	-3.4	-6.3	-5.9	-3.2	-2.3	orf19.3004
4292	-2.7	-2.8	-3.1	-2.8	-4.1	-2.7	-2.3	-1.8	-2.0	-2.5	orf19.301; Sim to YIR019c
7790	-2.9	-3.0	-2.4	-1.5	-2.6	-2.3	-1.6	-1.8	1.0	1.0	orf19.3053
1778	-2.3	-1.8	-2.1	-1.5	-1.3	-3.6	-2.8	-2.8	-5.1	-5.1	orf19.3288; Sim to YNL123w
7197	-3.1	-4.0	-4.7	-5.5	-7.9	1.0	-2.1	-3.0	-2.9	-3.0	orf19.3302
7205	-4.6	-8.8	-7.5	-11.1	-9.0	-2.0	-6.5	-4.5	-2.6	-1.3	orf19.3310
6103	-3.1	-4.5	-4.3	-2.8	-2.7	-2.7	-5.0	-4.3	-1.8	-2.4	orf19.3422; Sim to YLR454
1874	-1.9	-2.1	1.0	-2.0	-3.1	-2.6	1.0	-1.7	1.0	-1.6	orf19.3487
7540	-3.2	-2.5	-3.3	-3.1	-3.2	-1.8	-2.9	-3.1	-2.4	-1.9	orf19.3845
5248	-2.3	-2.6	-3.0	-2.6	-1.7	-2.2	-2.0	-3.1	-2.1	-1.7	orf19.3858
5136	-2.4	-2.9	-3.3	-2.8	-2.0	-1.8	-3.2	-3.1	1.0	1.0	orf19.3912; Sim to YFL021w
5133	-1.7	-1.9	-2.7	-1.4	-1.3	-1.8	-2.1	-2.1	-3.5	-3.6	orf19.3914
2096	-2.7	-8.1	-6.5	-5.0	-9.8	-2.3	-4.3	-5.4	-10.3	-6.4	orf19.411
2615	-2.0	-2.3	-2.2	1.0	-1.6	1.0	-2.6	-1.9	-1.6	-1.2	orf19.4132; Sim to YDR525
5014	-2.5	-2.1	-2.5	-3.3	-2.5	-2.1	-2.3	-2.0	-4.3	-4.1	orf19.4207
4537	-3.6	-3.9	-2.8	-3.6	-2.5	1.2	-2.8	-3.1	-2.2	-1.7	orf19.4372
4540	-2.8	-3.2	-3.0	-2.0	-2.1	-3.6	-2.7	-2.7	-3.8	-5.4	orf19.4375; Sim to YLR285w
6515	-2.3	-1.9	-1.8	-2.3	-2.7	1.0	-1.9	-2.1	1.0	1.0	orf19.446
3045	-3.1	-4.1	-2.8	-2.7	-5.4	-1.4	-1.7	-1.5	-2.6	1.0	orf19.4526; Sim to YCR021c
6685	-2.8	-2.5	-2.6	-5.3	-2.3	-1.7	-3.4	-4.2	-1.8	-1.5	orf19.4539
7879	-3.7	-3.7	-4.2	-5.1	-6.2	-2.0	-2.3	-2.5	-1.8	-2.1	orf19.4580
7894	-2.5	-2.9	-3.1	-2.4	-2.9	1.0	-1.9	-2.0	1.0	-1.6	orf19.4595
439	-3.4	-4.3	-4.1	-3.1	-2.7	-3.5	-3.5	-3.2	-3.2	-3.0	orf19.4729; Sim to YIL112w
2085	-1.8	-2.8	-2.5	-2.9	-3.1	-2.2	-1.8	-2.0	-3.2	-4.1	orf19.4734
3650	-3.8	-3.9	-3.5	-4.0	-3.4	-3.2	-2.9	-3.7	-3.4	-3.2	orf19.4738; Sim to YOR154
3652	-2.4	-2.3	-2.2	-2.6	-2.2	-2.7	-1.9	-1.9	-2.1	-2.1	orf19.4740; Sim to YHR189w
403	-5.5	-2.9	-2.5	-2.2	-3.2	-2.2	-2.3	-3.0	-2.8	-2.3	orf19.4742; Sim to YDR388w
4022	-4.4	-8.2	-8.2	-7.2	-6.4	-3.3	-4.7	-3.1	-4.1	-3.4	orf19.4752; Sim to YMR037c
7387	-2.1	-2.7	-3.2	-3.0	-4.0	-1.5	-1.9	-2.4	-3.5	-4.7	orf19.4824
5909	-2.6	-2.3	-3.1	-1.7	-2.0	-2.6	-2.9	-2.6	-3.1	-3.9	orf19.4929
6048	-2.2	-2.0	1.0	-3.4	-2.6	-3.1	-3.0	-3.1	-5.7	-20.8	orf19.4942
6978	-2.3	-3.0	-2.4	-1.5	-4.4	-1.7	-3.3	-1.9	-1.3	-2.0	orf19.5158; Sim to YKR049c
6977	-4.1	-3.8	-2.5	-1.6	-3.4	-1.9	-3.1	-2.4	-1.4	-1.5	orf19.5159; Sim to YNL191w
3447	-4.2	-3.5	-3.8	-2.1	-3.5	-2.7	-4.9	-3.3	-5.7	-4.4	orf19.5204
3448	-3.2	-4.1	-3.9	-4.1	-4.6	-2.2	-2.7	-2.8	1.0	1.0	orf19.5205
8318	-2.9	-1.9	-2.5	-2.2	-2.7	-1.5	-2.3	-2.2	-3.5	-4.3	orf19.5329
8632	-3.1	-2.8	-2.9	-4.6	-4.4	-3.0	-2.0	-2.7	-3.2	-3.6	orf19.5396
8635	-2.1	-1.7	1.0	-2.1	-3.2	-1.9	1.0	-1.8	-2.2	1.0	orf19.5399; Sim to YOL155c
8666	-2.5	-2.1	-2.7	-1.8	-1.4	-4.1	-3.9	-3.6	-8.3	-8.5	orf19.5430; Sim to YOR078w

8667	-1.9	-2.3	-2.3	1.0	-2.6	-2.5	-2.2	-1.6	-5.0	-2.3	orf19.5431
4122	-3.0	-2.8	-2.2	-3.9	-5.7	-1.4	-2.5	-2.1	1.0	1.7	orf19.5552; Sim to YOL063c
5066	-2.7	-2.6	1.0	-2.1	-4.3	-1.9	-1.9	-3.1	-2.4	-3.2	orf19.5606
4511	-2.7	-6.1	-4.5	-3.5	-4.1	-1.9	-2.7	-3.2	-2.3	-2.8	orf19.5642; Sim to YLR437cp
4561	-2.3	-3.9	-5.1	-2.1	-4.1	-1.9	-2.2	-2.3	-4.1	-3.4	orf19.5683; Sim to YHR140w
4854	-2.4	-2.2	-2.2	-2.0	-2.3	-2.0	-3.2	-3.4	-2.1	-1.7	orf19.5782; Sim to YOR022c
6635	-1.8	-2.8	-3.3	-2.8	-4.9	-2.7	-2.0	-2.3	-3.5	-3.3	orf19.5801; Sim to YJL026w
6646	-1.9	-2.2	-1.9	-1.4	-3.1	-2.8	-2.0	-2.3	-3.6	-7.4	orf19.5812; Sim to YOR051c
9057	-3.2	-3.1	-1.9	-2.7	-3.7	-1.9	-2.0	-1.8	-1.6	-2.1	orf19.5980
7585	-1.7	-2.5	-2.7	-1.6	-1.3	-3.1	-3.0	-2.5	-4.0	-4.1	orf19.6041; Sim to YFL036w
5394	-4.3	-4.0	-4.3	-4.2	-2.8	-2.5	-4.5	-3.8	-2.8	-3.1	orf19.6173; Sim to YDR277c
6035	-3.7	-6.5	-3.1	-2.9	-2.8	-2.1	-3.2	-3.6	-2.4	1.0	orf19.6276
7814	-3.3	-3.1	-2.6	-2.3	-2.3	-2.2	-3.6	-2.3	1.0	1.0	orf19.6440; Sim to YNL008c
7808	-3.7	-4.7	-4.4	-5.9	-7.4	-2.2	-2.4	-3.1	1.0	1.0	orf19.6446
7547	-2.4	-2.8	-2.8	-3.5	-5.2	-1.9	-1.6	-2.3	-4.8	-6.0	orf19.6559; Sim to YNL108c
7568	-2.1	-2.6	-3.8	-3.2	-2.0	-1.3	-1.6	-1.8	-2.2	-2.1	orf19.6580
6212	-1.9	-3.6	-3.8	-1.4	-2.7	1.0	-2.8	-2.1	-1.7	-1.9	orf19.6600; Sim to YLR193c
6220	-3.1	-6.0	-4.3	-2.6	-3.0	-2.3	-2.7	-2.7	-3.1	-3.1	orf19.6608
8892	-3.3	-3.3	-2.5	-2.0	-3.7	-1.9	-1.9	-2.0	1.0	-1.5	orf19.6739; Sim to YMR278w
8885	-4.3	-2.3	-2.9	-3.0	-3.9	-3.1	-2.2	-3.4	-2.5	-2.1	orf19.6746
8884	-3.1	-2.3	-2.2	-3.0	-3.3	-2.8	-3.3	-3.2	-3.0	-1.7	orf19.6747; Sim to YDR051c
6984	-2.4	-2.5	-2.5	-2.8	-2.9	-3.2	-2.4	-2.3	-2.7	-2.4	orf19.6835
7141	-10.2	-12.9	-10.6	-7.9	-7.1	-5.1	-16.4	-14.6	-12.6	-11.0	orf19.6877
7729	-2.7	-3.4	-5.7	-3.9	-2.5	-2.6	-2.8	-3.5	-3.1	-5.0	orf19.6983; Sim to YKR075
7948	-2.8	-2.7	-2.5	-3.8	-4.8	-2.5	-2.0	-2.1	-2.3	-1.9	orf19.7022
7953	-9.6	-10.4	-7.2	-6.2	-6.1	-5.5	-6.2	-3.8	-1.9	1.0	orf19.7027
7954	-14.9	-14.6	-9.9	-9.9	-7.8	-8.8	-9.1	-5.2	-2.4	-1.6	orf19.7028
8468	-1.6	-4.5	-2.1	-2.1	-2.3	1.8	-1.4	-2.0	1.0	1.7	orf19.7085; Sim to YDL207w
8458	-2.8	-2.7	-2.9	-3.3	-2.0	-2.9	-3.7	-2.4	-2.0	-3.6	orf19.7095; Sim to YOR390w
8432	-1.6	-2.2	-2.8	-4.4	-3.2	-2.4	-2.5	-3.0	-4.1	-3.5	orf19.7121
8115	-2.1	-2.9	-2.4	-2.5	-3.3	-3.9	-4.6	-4.3	-11.7	-13.6	orf19.7215; Sim to YJL109c
8170	-2.3	-2.7	-3.4	-3.2	-2.3	-2.6	-3.0	-3.8	-5.2	-5.3	orf19.7270
8391	-9.3	-16.3	-15.5	-10.6	-20.4	-4.0	-28.2	-11.9	-16.3	-24.1	orf19.7310; Sim to YML128c
8422	-2.2	-3.4	-3.2	-2.2	-2.0	-2.7	-1.8	-1.7	-2.0	1.0	orf19.7341; Sim to YBL113c
8619	-2.7	-5.1	-5.1	-2.2	-4.4	-3.4	-2.4	-2.5	-4.6	-6.8	orf19.7459; Sim to YBR238
534	-2.5	-2.9	-2.2	-1.9	-1.5	-1.5	-2.3	-1.7	-1.3	1.0	orf19.749
8751	-2.1	-3.2	-3.4	-3.3	-2.9	-2.4	-2.8	-3.5	-4.5	-5.0	orf19.7499; Sim to YLR328w
8909	-2.8	-4.2	-2.6	-1.7	-2.1	-2.1	-2.2	-1.3	-3.9	-3.8	orf19.7561
8915	-9.3	-10.4	-7.8	-5.3	-5.7	-6.1	-5.7	-5.7	-3.5	-3.2	orf19.7567; Sim to YDR124w
1671	-3.5	-2.7	-2.4	-1.6	-2.1	-1.9	-3.1	-2.4	1.0	-2.2	orf19.775; Sim to YJR126c

1405	-5.8	-4.1	-3.3	-4.8	-3.6	-3.4	-3.7	-3.8	-3.9	-4.5	orf19.7800; Sim to YIL130w
548	-3.4	-3.8	-2.8	-1.7	-4.7	-3.6	-1.9	-2.7	-2.0	-3.9	orf19.7892
6702	-3.4	-2.6	-2.7	-3.6	-1.9	-2.1	-2.3	-2.8	-2.4	-2.7	orf19.811; Sim to YLR283w
1932	-2.7	-2.3	-2.7	-2.2	-1.5	-2.3	-3.0	-2.4	-4.2	-2.4	orf19.8186
1109	-3.1	-2.5	-2.3	-3.7	-3.4	-2.3	-2.2	-2.2	-1.9	-1.8	orf19.8211; Sim to YNL254c
3632	-8.6	-10.3	-8.1	-4.9	-7.6	-8.2	-7.0	-5.2	-25.6	-20.7	orf19.8373; Sim to YGL257c
3850	-1.5	-2.0	-1.5	-1.3	-1.9	-2.2	-1.9	-1.6	-2.7	-5.0	orf19.839; Sim to YLR143w
3748	-5.1	-6.0	-5.9	-4.9	-5.3	-2.4	-4.9	-4.8	-2.8	-3.9	orf19.846; Sim to YKL171w
3752	-2.1	-2.8	-2.5	-2.2	-2.0	-1.6	-2.5	-2.8	-2.1	-1.4	orf19.8462
2588	-2.8	-2.7	-2.5	-2.9	-4.3	-1.7	-3.1	-3.7	-3.8	-5.4	orf19.8487
3552	-2.3	-2.2	-1.9	-2.4	-2.1	-2.0	-2.6	-2.6	-1.8	1.0	orf19.862
2323	-6.1	-7.0	-6.5	-7.2	-7.5	-5.1	-5.2	-4.8	-7.6	-5.6	orf19.8636; Sim to YPL170w
1099	-2.5	-3.0	-3.3	-2.3	-1.9	-2.3	-2.8	-2.3	-2.1	-1.8	orf19.8694
2780	-2.2	-3.9	-3.1	-1.8	-2.2	-1.8	-5.4	-3.4	-1.7	-1.2	orf19.8744
861	-4.3	-5.4	-8.0	-4.3	-7.0	-1.6	-2.5	-4.1	-5.5	-3.4	orf19.8780
1885	-3.1	-2.9	-3.3	-3.1	-2.5	-2.8	-4.3	-4.6	-4.7	-4.2	orf19.9146; Sim to YOR291w
797	1.0	-2.0	-2.0	-2.3	-1.7	1.0	-1.7	-2.1	-2.1	-3.3	orf19.9463; Sim to YGR089w
799	-2.0	-2.5	-2.3	-1.9	-2.2	-1.8	-1.9	-1.9	-3.6	-2.8	orf19.9467; Sim to YJL171
5043	-4.6	-9.4	-14.0	-8.5	-10.1	-4.7	-9.8	-13.6	-8.2	-5.4	orf19.9517
1211	-3.2	-3.4	-3.5	-2.5	-4.1	-2.1	-3.0	1.0	-3.0	-4.0	orf19.9573
1212	-7.5	-8.6	-7.6	-6.6	-9.6	-2.3	-4.8	-4.8	-10.8	-178.5	orf19.9574
1594	-2.8	-2.4	-2.9	-2.0	-1.3	-3.2	-2.0	-2.2	-2.8	-2.7	orf19.985; Sim to YEL043wp
3871	-2.1	-2.6	-2.1	-2.1	-1.5	-2.5	-2.1	-2.1	-2.1	-2.4	orf19.9913
156	-3.5	-5.3	-4.5	-3.6	-3.9	-4.0	-3.7	-3.2	-5.9	-5.4	PAN6; orf19.163
6610	-2.9	-3.8	-2.3	1.0	-2.4	-2.3	-7.6	-3.4	-3.3	-2.9	PDE1; orf19.4235
6762	-4.6	-5.9	-5.9	-7.0	-8.2	-4.0	-4.6	-4.0	-5.8	-3.5	PDX3; orf19.550
1458	-2.4	-1.8	-2.1	-2.3	-2.3	1.0	-1.5	-1.6	-2.0	-2.2	PER1; orf19.2637
775	-3.9	-2.0	-1.8	-2.8	-4.5	1.0	-2.3	-2.1	1.0	1.7	PEX99; orf19.2009
1775	-3.1	-2.4	-2.2	-2.1	-4.4	-2.4	-2.4	-2.1	-2.0	-1.8	PGM2; orf19.10359
1540	-7.4	-2.6	-1.9	-2.4	-2.6	-105.4	-4.3	-2.0	-2.1	-3.4	PHO87; orf19.2454
6260	-3.2	-2.0	-2.3	-2.4	-2.2	-3.8	-2.8	-3.5	-3.5	-2.4	PHR2; orf19.13500
4038	-4.3	-9.3	-6.5	-5.5	-7.6	-2.1	-2.4	-5.1	-8.4	-7.7	PMU5; orf19.12569
8986	-2.7	-2.6	-2.0	-2.6	-4.8	-3.1	-1.9	-1.7	-3.8	-3.7	PRO1; orf19.7638
4519	-3.0	-3.0	-2.9	-2.3	-2.1	-4.1	-3.1	-3.5	-2.4	-7.9	PRO3; orf19.5650
7812	-2.2	-2.0	-2.3	-1.9	-1.6	-3.1	-3.5	-2.6	-3.5	-3.8	PRP8; orf19.6442
3991	-4.6	-4.6	-4.0	-3.7	-2.6	1.0	-2.6	-2.7	-1.8	1.0	PRR1; orf19.11824
6956	-2.2	-3.1	-4.7	-2.3	-1.8	-2.1	-2.3	-3.1	-3.2	-1.8	PRX1; orf19.5180
6564	-2.2	-3.1	-2.2	-2.5	-3.3	-1.8	-2.4	-2.2	-1.9	-2.1	PSP1; orf19.671
299	-2.4	-2.8	-3.0	-2.6	-1.8	-4.5	-3.0	-3.5	-5.8	-5.5	PTC3; orf19.2538
2120	-2.2	-2.0	-3.2	-2.7	-2.3	-2.8	-2.3	-3.2	-4.4	-4.1	RAD16; orf19.2969

9135	-5.8	-8.2	-7.5	1.0	-5.0	-3.5	-3.2	-6.8	-8.8	-3.9	RAS2; orf19.5902
8118	-1.9	-4.5	-4.1	-5.8	-3.5	-2.8	-4.6	-6.5	-6.6	-6.2	RBE1; orf19.7218
4128	-3.0	-2.4	-3.2	-8.0	-5.0	-3.9	-2.2	-2.6	-2.5	-2.3	RBF1; orf19.13004
9043	-4.8	-6.1	-7.0	-6.1	-3.6	-2.9	-5.8	-8.0	-9.5	-11.3	RHB1; orf19.5994
733	-2.3	-2.2	-2.4	-2.6	-2.8	-1.5	-2.0	-2.5	-2.5	-2.8	RIB1; orf19.10380
6915	-3.2	-2.8	-2.7	-2.4	-1.8	-3.3	-2.7	-2.9	-3.7	-3.2	RIS1; orf19.5675
7771	-2.0	-2.2	-2.4	-1.8	-1.6	-1.9	-2.0	-2.4	-4.3	-4.9	RLI1; orf19.3034
8754	-2.5	-9.3	-3.6	1.0	-4.5	1.0	-2.3	-1.6	-1.7	-1.8	RNT1; orf19.7502
5342	-1.5	-2.3	-1.9	-1.9	-1.8	-3.2	-2.8	-2.8	-10.9	-14.0	RRP5; orf19.1578
5885	-2.4	-2.6	-2.9	-2.1	-2.0	-2.2	-2.2	-2.0	-3.4	-2.5	SAP49; orf19.2261
1902	-3.2	-2.3	-3.1	1.0	-2.1	-1.9	-3.3	-1.5	1.0	1.0	SAP99; orf19.853
7517	-2.9	-4.5	-3.3	-1.9	-3.6	-3.9	-2.2	-2.4	-1.8	-1.8	SCS7; orf19.3822
9084	-4.0	-2.8	-3.1	-2.2	-2.4	-2.1	-2.7	-2.9	-1.7	1.0	SFP1; orf19.5953
3614	-2.8	-3.1	-3.3	-2.1	-1.7	-2.0	-2.5	-2.2	-2.1	-1.9	SKY1; orf19.2436
5656	-1.8	-2.0	-1.8	-1.9	-1.7	-1.7	-2.2	-2.0	-2.1	-2.6	SLH1; orf19.3980
7987	-2.3	-2.8	-3.4	-3.9	-3.3	1.0	-2.1	-2.2	-2.3	-1.8	SMF2; orf19.5022
7701	-2.1	-2.7	-2.7	-1.9	-1.7	-2.1	-2.1	-2.2	-1.8	-1.5	SNT1; orf19.5241
6011	-2.5	-2.6	-2.6	2.0	-2.6	1.0	-2.1	-1.6	1.0	-3.4	SOU3; orf19.732
5297	-4.4	-4.1	-3.0	-1.9	-3.6	-3.0	-3.1	-2.4	-1.8	-1.8	SOX1; orf19.1365
5514	-2.3	-2.8	-3.1	-3.4	-4.2	-2.4	-1.8	-2.2	-1.8	1.0	SPI1; orf19.6321
7978	-5.1	-5.7	-4.4	-3.1	-4.1	-3.3	-4.8	-4.2	-5.9	-4.6	SSK1; orf19.5031
7832	-2.4	-2.0	-2.5	-2.4	-2.0	1.0	-2.5	-2.5	-1.6	-1.6	SSY5; orf19.6422
7796	-2.5	-3.4	-3.3	-2.1	-1.8	-2.5	-2.8	-3.7	-3.1	-2.2	SUA71; orf19.3059
751	-2.2	-2.2	-2.2	-1.7	-1.5	1.0	-2.1	-1.9	1.0	1.0	SWI3; orf19.11964
4249	-2.4	-3.1	-2.9	-2.7	-1.9	-2.7	-2.8	-2.3	-2.1	-1.6	TBP1; orf19.1837
9051	-2.5	-2.4	1.0	1.0	-4.5	1.0	1.0	-2.7	1.0	-2.4	THI4; orf19.5986
6102	-1.6	-2.1	-1.9	-2.1	-2.0	-2.3	-2.4	-2.9	-7.0	-9.0	TIF3; orf19.3423
315	-1.5	-2.0	-1.9	-2.3	-2.2	-2.5	-2.3	-2.0	-3.2	-4.7	TIF46; orf19.3599
3336	-2.5	-2.2	-1.9	-1.6	-1.5	-1.8	-1.8	-2.7	-2.5	-2.5	TPK3; orf19.4892
3649	-4.4	-11.6	-6.9	-7.6	-8.5	1.0	-4.4	-3.7	-15.2	-26.5	TPO3; orf19.12199
6537	-3.8	-5.5	-4.3	-2.0	-4.2	-2.7	-2.9	-2.5	-1.7	-1.7	TPS1; orf19.6640
8337	-4.7	-6.3	-4.7	-4.3	-5.5	-3.1	-4.4	-4.3	-2.5	-2.8	TPS3; orf19.5348
6049	-1.4	-2.1	-1.3	-1.6	-1.9	1.0	-1.7	-2.2	-10.3	-15.1	TYE7; orf19.4941
5512	-1.7	-1.7	-2.0	-2.1	-1.8	-1.6	-1.8	-2.4	-2.4	-2.6	UBP3; orf19.6319
5483	-1.8	-2.1	-1.9	-1.8	-1.6	-1.9	-1.8	-2.1	-2.0	-2.1	UBR1; orf19.2695
1349	-2.1	-2.9	-2.3	-2.5	-4.1	-1.8	-2.0	-2.5	-2.4	-2.8	UGP1; orf19.9305
7237	-2.7	-3.0	-3.9	-2.1	-2.6	-3.3	-3.5	-4.3	-6.5	-9.4	ULP3; orf19.353
7032	-3.2	-2.7	-2.5	-3.0	-3.2	-2.3	-2.6	-2.2	-1.6	-1.7	URH1; orf19.1888
1639	-2.1	-2.3	-2.6	-1.9	-1.5	-2.3	-1.9	-2.1	-2.0	-1.6	UTR2; orf19.1671
3676	-2.2	-2.1	-1.8	1.9	-2.1	1.0	1.6	3.2	1.0	2.3	VHT1; orf19.2397

8605	-4.2	-5.2	-6.1	-3.9	-5.2	-2.3	-5.0	-5.2	-3.8	-2.2	VID24; orf19.7445
4223	-1.8	-2.4	-2.1	-2.2	-2.1	-1.8	-2.6	-2.4	-1.9	-2.1	VPS13; orf19.4416
595	-3.1	-2.3	1.0	-1.9	-2.6	1.0	-2.3	-2.7	1.0	1.0	VPS24; orf19.9579
5060	-3.1	-3.2	-2.7	-4.3	-2.7	1.0	-4.3	-6.7	-4.4	-2.9	WRY1; orf19.5612
5070	-2.3	-3.2	-3.1	-3.4	-2.4	-2.6	-2.4	-3.1	-2.5	-2.1	WRY2; orf19.5602
3453	-2.4	-1.9	-3.7	-6.5	-4.0	-1.6	-2.3	-2.5	-3.2	-5.4	XBP1; orf19.5210
9024	-6.6	-13.7	-8.8	-1.7	-6.6	-3.2	-3.9	-2.8	-1.5	-1.5	XYL2; orf19.7676
8985	-5.7	-3.7	-2.6	-2.8	-5.8	-4.8	-1.4	-2.7	-3.8	-3.3	YHB3; orf19.7637
4908	-4.2	-4.0	-3.6	-4.1	-4.0	-2.8	-5.1	-3.8	-3.7	-4.4	YNA2; orf19.5729
8127	-4.2	-6.4	-3.7	-7.9	-9.1	-1.9	-3.1	-3.6	-2.9	1.0	YPI1; orf19.7227
8850	-3.8	-3.4	-2.5	-2.7	-4.4	-2.8	-2.4	-2.3	-4.7	-4.7	ZFU2; orf19.6781
5335	-3.0	-1.6	-2.4	-3.4	-2.4	1.0	-1.2	1.0	1.3	2.1	ZRT2; orf19.1585
GROUP C											
3941	6.9	6.9	5.6	2.3	2.1	6.1	6.2	5.3	2.1	1.6	ACT2; orf19.12751
551	3.1	3.5	4.2	2.5	2.1	1.9	1.3	3.5	2.3	2.0	ADE13; orf19.11351
5510	2.1	2.5	2.9	1.9	1.0	1.6	1.0	2.4	-1.6	-2.5	ADE6; orf19.6317
746	10.9	14.7	16.2	8.8	5.1	7.5	5.6	5.1	2.6	1.0	ADH7; orf19.12963
2855	4.9	5.5	4.8	3.5	2.5	4.7	3.7	3.7	5.1	4.1	ADP1; orf19.459
1962	4.8	5.5	4.0	2.3	1.0	4.2	6.0	4.1	1.7	1.0	AES6; orf19.1917
404	3.5	3.7	3.9	2.1	2.0	3.2	3.0	3.0	4.4	3.8	AFG1 ; orf19.4743
8950	4.7	3.6	5.2	3.3	1.0	6.5	4.2	5.9	5.0	5.2	AHA1; orf19.7602
8946	1.9	3.5	3.3	2.5	1.7	3.1	3.2	2.3	3.0	3.7	AHC1; orf19.7598
6590	3.4	3.6	4.4	5.5	1.0	3.4	3.3	4.7	2.6	1.3	AHP1; orf19.2762
4489	3.7	4.3	5.0	3.4	1.6	3.3	4.2	4.6	5.7	3.1	ALF1; orf19.2828
4498	4.3	6.4	5.2	2.3	1.0	2.7	5.3	5.5	4.7	2.7	ALG5; orf19.2837
3423	4.5	5.2	4.3	1.9	1.8	2.8	4.4	4.1	2.7	2.1	ALG7; orf19.2187
7286	3.3	3.0	2.8	3.8	1.0	2.7	1.9	2.0	1.8	-1.9	AMD1; orf19.891
17	5.2	4.2	5.1	1.9	1.0	1.0	3.4	3.8	2.7	1.0	APC10; orf19.12523
7976	1.8	3.3	3.0	1.7	1.5	2.0	2.3	3.7	3.7	4.0	APG12; orf19.5033
1123	11.3	15.1	11.4	6.7	4.9	10.5	15.6	11.3	8.6	8.7	APL2; orf19.7861
4938	14.9	17.9	14.0	10.4	6.9	18.8	19.0	17.5	16.6	14.0	APL4; orf19.2844
1994	2.4	1.7	2.2	1.5	1.0	2.2	2.7	2.5	2.3	1.0	APL5; orf19.248
7449	5.0	6.1	5.1	3.3	2.3	4.3	5.6	4.5	2.9	2.4	APM1; orf19.4036
2168	10.9	13.6	13.0	7.6	5.2	11.6	18.8	11.7	9.6	8.5	APS1; orf19.1012
1572	10.6	7.6	9.6	3.9	1.0	11.9	9.6	9.6	8.6	3.9	APS2; orf19.8729
7125	3.4	2.8	2.9	2.2	1.0	1.8	1.8	2.2	1.0	-2.2	APT1; orf19.1448
5899	5.8	5.0	8.5	1.0	1.0	8.2	6.5	12.7	1.0	1.0	AQR4; orf19.2247
406	6.4	7.2	5.6	3.5	3.1	6.9	5.0	4.7	7.6	4.5	ARC18; orf19.121
3615	3.9	3.5	4.1	2.8	1.9	3.9	3.5	3.7	4.2	3.2	ARC35; orf19.2437
32	4.6	3.9	4.1	3.9	1.0	5.4	4.3	3.9	4.0	2.0	ARC40; orf19.11354

3043	16.0	18.9	14.1	7.3	7.5	8.1	20.0	13.3	9.3	14.2	ARF3; orf19.1702
7902	3.0	3.3	2.5	1.6	1.0	3.1	3.5	3.1	3.1	2.4	ARL1; orf19.4603
1374	6.2	4.6	8.0	3.5	2.2	5.2	6.1	6.5	4.1	4.0	ARL3; orf19.2297
4764	1.0	2.6	2.8	3.4	1.6	1.0	2.3	3.4	3.0	2.6	ARO8; orf19.9645
3822	9.3	15.8	19.6	8.9	1.0	1.0	12.4	10.9	10.8	6.3	ARP1; orf19.2641
8373	4.4	5.4	4.8	4.0	2.1	3.7	4.1	4.7	4.6	3.4	ARP2; orf19.7292
2449	4.0	3.6	3.7	4.3	1.9	4.1	3.2	3.9	4.8	3.0	ARP3; orf19.2289
791	2.8	2.5	2.7	1.4	1.0	3.2	3.0	2.8	1.5	1.0	ARP8; orf19.3359
5313	6.9	7.3	5.1	2.5	3.4	3.8	8.9	6.6	5.8	5.2	ASF1; orf19.3715
3880	5.2	2.7	3.0	4.5	1.0	5.4	4.1	4.5	4.4	1.0	ATP12; orf19.3686
2856	2.3	1.8	2.0	2.1	1.0	2.0	1.6	1.9	1.9	1.0	BCS1; orf19.458
4042	3.8	3.8	4.0	2.5	1.7	3.9	5.0	3.5	3.2	2.4	BET3; orf19.5817
4440	5.7	6.6	4.5	1.0	1.0	6.0	5.7	6.1	4.0	5.9	BET5; orf19.302
5739	3.6	2.5	2.1	1.9	1.0	3.4	3.8	3.3	3.3	3.2	BGL98; orf19.1664
8789	3.4	2.7	2.9	1.0	1.0	2.8	3.4	2.8	4.0	3.5	BNI1; orf19.7537
4004	1.9	2.4	2.0	1.0	1.0	2.9	2.8	2.2	1.9	1.7	BOS1; orf19.2940
5556	11.7	12.1	10.1	6.9	5.7	6.0	17.0	14.4	12.8	16.8	BUB1; orf19.2678
6151	3.2	4.4	3.5	1.6	2.1	2.3	4.2	4.5	6.5	4.3	BUB2; orf19.5827
8235	8.6	9.6	10.9	10.3	4.2	7.7	9.3	10.6	13.0	10.0	CAP01; orf19.3235
8409	5.6	6.2	4.9	4.1	1.6	6.7	7.6	5.8	5.2	2.9	CAP100; orf19.7328
7896	3.7	4.8	4.4	3.6	2.1	4.1	4.8	4.4	4.9	3.3	CAP2; orf19.4597
4590	14.5	11.5	14.0	7.4	5.9	9.0	24.4	15.3	5.6	8.0	CCW12; orf19.12229
3738	6.1	5.2	5.3	2.7	1.6	5.4	6.7	6.4	5.9	5.2	CDC1; orf19.3083
1553	5.3	4.6	4.0	3.3	2.9	2.5	4.4	4.8	2.9	2.3	CDC1; orf19.3960
676	2.3	2.5	2.2	1.5	1.0	2.2	1.8	1.5	1.0	1.0	CDC123; orf19.10236
4371	33.4	33.6	32.2	14.7	1.0	37.3	47.2	30.7	21.4	22.9	CDC16; orf19.1792
4652	56.5	37.3	33.6	16.3	7.7	15.2	71.0	49.5	20.5	16.9	CDC21; orf19.3549
1241	2.4	2.3	1.8	1.6	1.1	2.3	2.8	2.0	1.5	1.0	CDC24; orf19.3174
5246	11.3	8.5	7.7	5.0	4.3	6.2	9.8	7.1	4.6	4.9	CDC28; orf19.3856
451	7.3	7.2	8.4	7.2	3.0	5.6	7.5	9.6	9.8	9.4	CDC37; orf19.12977
4181	7.7	6.8	6.0	4.7	3.6	2.8	6.6	4.8	4.0	3.3	CDC46; orf19.5487
5568	3.7	2.7	3.2	3.0	1.0	3.6	3.1	2.6	3.9	2.0	CDC48; orf19.2340
1083	2.5	3.0	3.1	2.4	1.5	2.5	2.7	3.1	3.4	3.1	CDC53; orf19.1674
783	3.3	2.7	3.3	2.0	1.0	1.4	2.5	2.5	1.0	1.0	CDC8; orf19.1137
5316	7.7	8.4	7.1	7.5	3.5	5.1	6.2	7.2	4.1	2.9	CDC9; orf19.6155
7380	2.9	2.2	2.2	1.5	1.0	2.9	2.4	2.0	1.0	-1.7	CFA1; orf19.4831
5731	3.1	2.5	2.9	2.1	-2.5	5.7	1.0	5.2	1.0	-2.1	CFL2; orf19.1264
3325	136.2	118.6	79.3	32.2	34.8	95.0	306.6	157.6	104.7	151.2	CFL9; orf19.701
1940	2.5	2.3	1.9	1.7	1.0	2.7	2.7	2.3	1.9	1.6	CHC1; orf19.3496
173	7.5	11.8	10.7	7.1	3.8	8.4	12.0	9.9	9.6	8.5	CHS5; orf19.8426

8769	4.6	3.8	3.9	2.6	1.0	2.9	3.6	3.6	4.8	1.0	CHT1; orf19.7517
7893	5.4	6.3	5.9	3.8	2.5	6.2	9.4	5.7	5.2	4.1	CLC1; orf19.4594
2969	2.6	2.3	2.3	2.0	1.4	2.4	2.9	2.1	1.9	1.9	CMD1; orf19.4413
7253	2.5	3.1	2.6	1.8	1.0	3.2	4.5	2.5	2.1	1.9	COG3; orf19.4440
7144	8.7	9.1	7.4	5.0	3.2	8.6	9.5	6.4	5.1	2.8	COG4; orf19.6880
3452	5.7	6.8	6.5	4.0	2.9	5.1	5.9	7.0	5.0	5.6	COG6; orf19.5209
5998	3.9	3.7	3.5	3.7	1.5	3.6	3.6	3.9	3.0	2.5	COX20; orf19.6461
695	15.5	23.4	15.6	9.2	8.5	14.2	32.2	24.8	14.7	18.0	CPH1; orf19.4433
7625	2.8	2.8	2.4	1.7	1.3	3.1	3.2	2.4	2.3	1.6	CRN1; orf19.6535
2199	24.8	16.8	10.6	9.8	8.4	12.2	29.2	19.7	10.6	8.3	CTF4; orf19.6247
4726	6.7	4.4	4.8	3.0	1.0	1.0	4.3	4.0	3.4	1.0	CTF8; orf19.576
3155	21.3	31.8	29.7	20.3	8.9	17.9	22.2	18.5	15.6	9.6	CWH41; orf19.4719
8833	2.2	2.0	1.7	1.0	1.0	2.8	2.1	1.7	2.2	1.5	CYC8; orf19.6798
8143	4.8	3.9	3.5	2.9	1.0	2.2	3.8	3.6	3.3	1.0	DCD1; orf19.7243
5164	2.9	3.1	2.8	2.1	1.0	2.8	2.9	2.4	2.9	2.5	DFG10; orf19.209
8194	2.5	4.7	5.0	2.0	1.6	3.5	3.3	3.3	4.1	3.6	DID4; orf19.945
7717	3.1	3.8	4.7	2.7	1.6	2.7	3.9	3.6	4.0	3.1	DIE2; orf19.6971
4293	2.4	2.6	3.0	1.4	1.0	2.3	2.1	3.1	1.6	1.0	DLD2; orf19.300
7382	13.6	18.3	16.2	9.7	4.3	9.4	13.5	14.3	10.1	6.7	DOA1; orf19.4829
2672	5.9	6.1	4.9	3.9	2.7	7.3	7.8	5.7	5.0	4.4	DOP1; orf19.3166
7985	3.9	3.3	3.1	3.5	1.0	3.7	3.5	3.4	2.7	2.2	DOR14; orf19.5024
8912	9.5	5.1	4.4	3.9	2.5	3.4	6.6	4.7	2.3	3.5	DPB2; orf19.7564
6303	20.3	21.9	16.1	17.4	5.8	23.4	29.2	22.0	17.4	12.7	DPM1; orf19.5073
3130	2.5	2.9	2.6	1.0	1.0	3.0	3.1	2.9	3.0	2.8	DPP1; orf19.1155
8334	2.3	2.7	2.6	2.3	1.0	2.4	2.5	2.3	2.2	1.0	DSK2; orf19.5345
5032	36.5	21.7	23.3	11.8	7.4	11.9	32.2	26.2	17.3	10.3	DUT1; orf19.3322
4448	7.5	8.8	6.3	1.0	1.0	6.5	7.5	3.6	1.0	1.0	ECM18; orf19.310
4450	10.4	16.6	17.0	8.2	5.4	13.3	7.6	9.3	5.7	1.0	ECM182; orf19.312
7601	4.9	3.8	4.8	2.2	1.8	4.3	3.6	3.8	1.9	1.0	ECM31; orf19.6057
3718	3.3	3.6	3.6	1.8	1.0	3.1	6.1	2.7	3.0	3.1	EFR4; orf19.13830
6998	4.9	4.8	5.0	2.9	1.4	3.2	3.7	4.4	4.1	3.8	ELC1; orf19.6849
5443	6.9	5.4	5.5	3.4	2.3	6.9	8.6	5.7	3.4	2.8	EMP24; orf19.6293
6012	17.1	18.6	15.9	12.3	6.0	13.6	12.2	11.8	11.7	4.9	EMP46; orf19.731
3116	2.2	3.1	3.1	1.9	1.4	2.7	2.9	2.9	2.8	2.9	END3; orf19.1711
7129	2.1	2.2	2.1	1.4	1.0	2.7	2.0	1.7	2.2	2.1	ENT2; orf19.9019
3588	7.3	9.3	6.7	4.7	2.5	9.2	9.6	8.2	6.1	6.8	ERD2; orf19.2756
3930	5.7	5.4	5.1	4.1	1.7	4.0	7.3	4.4	3.2	1.8	ERG2; orf19.6026
1086	5.8	6.1	5.4	4.1	1.0	3.7	9.2	6.0	5.0	2.1	ERG24; orf19.1598
6113	14.3	11.5	16.1	10.9	5.4	10.1	14.9	13.1	18.5	7.3	ERG26; orf19.2909
8240	7.8	8.2	10.3	8.9	3.2	5.4	10.3	8.2	12.4	7.9	ERG27; orf19.3240

6441	15.5	12.7	13.9	13.5	3.0	10.3	18.3	10.1	17.4	4.7	ERG6; orf19.1631
1604	10.6	5.8	5.1	3.6	1.9	8.8	8.8	5.4	4.2	3.0	ERP3; orf19.3558
8569	9.4	8.5	6.5	6.9	3.5	10.9	12.2	9.9	6.6	5.4	ERV25; orf19.7409
5694	6.5	6.6	5.8	3.8	2.3	7.5	7.8	5.0	3.3	3.2	ERV46; orf19.586
2862	5.6	2.8	3.9	5.0	2.9	1.0	4.3	3.8	1.0	1.0	EXO1; orf19.926
3185	4.5	6.0	4.7	2.0	1.0	5.4	4.8	5.0	6.5	4.7	FAD1; orf19.4723
4538	2.4	2.6	3.4	2.2	1.0	3.0	2.7	2.7	1.7	1.0	FMN1; orf19.4373
5332	2.0	2.0	2.0	1.3	1.0	2.2	2.7	2.3	2.0	2.6	FMP21; orf19.1588
3188	3.2	3.1	3.2	1.9	1.4	3.1	4.3	3.1	2.6	2.0	FRQ1; orf19.4726
3677	3.5	2.1	1.9	1.9	-2.1	3.7	4.0	2.7	2.2	2.6	FZD3; orf19.2396
3114	2.9	3.1	2.5	1.5	1.3	2.9	3.3	2.3	1.7	1.0	GEA1; orf19.1713
2165	2.9	2.4	2.8	1.5	1.0	2.2	2.8	2.5	2.1	1.8	GIM3; orf19.1273
2726	2.5	1.0	2.4	2.0	1.0	2.2	1.8	2.4	4.3	2.6	GLC8; orf19.2710
7602	2.7	5.3	6.4	4.6	2.1	3.1	5.6	5.5	6.1	4.1	GLO1; orf19.6058
3848	15.1	14.2	13.5	10.1	4.1	10.0	15.1	10.9	5.5	2.8	GNA1; orf19.837
5263	1.9	2.0	1.8	1.0	1.0	3.1	2.8	2.6	2.5	2.1	GOS1; orf19.6551
6451	2.2	2.2	1.8	1.8	1.0	1.5	2.7	2.5	2.6	3.4	GPA2; orf19.1621
7409	3.0	2.8	2.3	1.6	1.0	3.2	3.2	2.2	2.2	1.0	GPI10; orf19.3996
1334	4.4	5.3	5.3	3.0	2.3	2.8	4.9	4.3	4.1	4.0	GPI11; orf19.2761
1620	9.2	14.4	14.3	6.2	4.3	10.9	8.6	8.0	7.2	3.2	GPI12; orf19.12368
6750	1.7	2.2	2.2	1.6	1.0	2.3	2.5	2.4	2.6	2.8	GPI2; orf19.538
3728	15.6	17.5	24.3	12.9	9.4	15.6	20.0	20.3	12.7	11.6	GPI8; orf19.2799
4819	9.4	6.9	9.1	6.7	4.4	11.9	13.1	7.5	6.8	4.6	GPT1; orf19.290
7506	8.9	14.5	13.1	4.6	3.6	9.4	9.6	9.1	10.1	6.8	GYP1; orf19.3811
4117	90.5	148.1	153.3	32.4	39.4	39.1	82.1	64.4	57.3	34.5	HAT1; orf19.779
5380	6.6	5.9	5.4	2.9	2.9	3.5	8.2	7.1	5.4	4.4	HAT2; orf19.2146
4335	4.4	5.1	5.1	3.6	1.8	3.5	5.1	5.4	4.3	4.6	HCH1; orf19.3396
8358	4.7	4.4	3.7	2.5	1.5	3.6	4.0	3.2	2.0	1.8	HEM12; orf19.5369
7279	1.8	2.6	2.3	1.5	1.0	2.0	2.7	2.2	2.3	1.6	HEM2; orf19.898
5520	4.6	4.4	3.4	3.5	2.0	5.2	5.5	4.3	2.5	2.7	HET1; orf19.6327
4930	3.6	2.5	3.0	2.2	1.4	2.5	2.8	2.8	2.5	2.2	HHF1; orf19.1059
5621	3.6	2.6	3.4	2.2	1.5	2.8	3.3	2.8	2.8	2.2	HHF2; orf19.1854
4928	5.2	2.9	4.9	2.6	1.3	3.7	5.9	4.4	4.0	2.3	HHT1; orf19.1061
5620	4.1	2.9	3.9	2.4	1.0	2.8	4.0	3.8	2.9	2.1	HHT2; orf19.1853
7439	3.1	4.1	4.5	3.4	1.0	2.1	3.9	4.8	2.3	1.5	HIS1; orf19.4026
6808	3.9	5.4	4.8	3.4	2.1	3.6	4.4	5.2	4.1	2.6	HIS2; orf19.6699
6071	1.8	3.7	3.6	2.6	1.0	1.9	3.1	4.9	2.7	3.3	HIS5; orf19.4177
4353	2.2	3.1	3.0	3.2	1.0	2.1	3.3	4.1	2.6	2.7	HIS7; orf19.5505
7617	20.5	13.1	13.8	19.4	7.7	15.0	3.7	3.7	11.5	19.4	HMX1; orf19.6073
6665	1.8	2.2	2.1	2.2	-3.0	1.6	2.1	2.9	2.4	1.0	HOM6; orf19.2951

2971	2.3	3.9	4.4	1.0	1.0	1.0	2.3	3.0	5.0	3.9	HOS1; orf19.4411
9048	3.8	3.7	2.6	1.7	1.0	2.1	2.0	1.8	1.4	1.0	HRP1; orf19.5989
7923	7.8	7.1	6.1	3.4	1.0	7.1	7.8	6.5	2.8	1.0	HRT2; orf19.4624
7645	2.5	2.0	2.2	1.4	1.0	2.5	2.7	2.4	2.0	1.7	HSP90; orf19.6515
7310	3.7	2.3	3.3	2.2	1.0	2.3	3.7	3.0	2.5	2.1	HTA1; orf19.6924
7311	3.8	3.0	3.7	2.2	1.0	2.5	4.0	3.5	2.3	2.0	HTB1; orf19.6925
2008	3.3	2.6	3.4	2.0	1.0	2.1	3.7	4.1	2.7	2.5	HTB2; orf19.1052
5631	4.6	4.5	5.0	3.0	2.6	3.7	5.6	5.0	3.7	3.2	HTZ1; orf19.327
9145	6.6	5.2	6.3	3.8	2.5	6.9	6.0	6.0	4.8	2.9	HUL4; orf19.5892
8828	5.9	6.9	4.6	3.2	3.1	5.7	9.0	4.6	1.0	1.0	HUT1; orf19.6803
2929	37.3	54.9	25.3	10.9	18.9	27.9	80.4	30.9	26.0	49.2	HWP98; orf19.10892
3902	4.8	7.8	7.5	7.2	1.6	5.1	8.6	11.7	10.1	7.7	IDP1; orf19.5211
672	2.5	3.5	4.2	1.7	1.7	2.9	2.1	1.9	2.1	1.0	IFH1; orf19.6244
7794	8.8	6.4	6.8	6.0	3.0	5.7	5.7	6.6	5.0	3.1	ILM1; orf19.3057
8501	4.5	6.3	4.5	3.8	2.1	7.8	7.0	5.1	3.6	3.6	INP52; orf19.7052
8645	6.0	6.5	10.2	4.5	3.1	6.4	7.1	6.1	8.6	6.8	IST1; orf19.5409
7249	2.6	2.1	2.1	1.0	1.0	1.5	2.4	1.6	1.0	1.0	ISW1; orf19.11916
2039	5.7	1.0	1.0	1.0	2.2	8.9	2.9	2.6	6.9	26.2	ITR2; orf19.3526
2050	4.9	6.0	4.5	3.7	1.0	7.2	7.1	4.0	2.6	2.7	JEM1; orf19.3592
229	2.9	3.6	4.3	1.9	1.0	2.8	5.1	4.8	4.5	4.0	JJJ1; orf19.9935
572	3.1	4.3	3.9	2.5	1.0	6.5	5.2	4.2	2.7	3.0	KAR2; orf19.2013
6836	1.8	2.5	1.6	2.3	1.0	1.0	2.3	3.2	2.4	3.1	KAR3; orf19.4100
7147	7.8	9.6	9.6	5.1	3.5	7.4	10.3	8.5	5.5	4.3	KES1; orf19.6883
523	5.0	3.5	4.5	3.2	2.3	2.6	6.3	6.9	5.9	5.8	KIP1; orf19.712
8513	31.6	32.7	38.3	20.0	16.1	16.4	50.6	33.6	23.8	38.6	KIP3; orf19.7353
7549	3.8	2.6	2.8	2.8	1.0	3.3	3.2	2.4	1.5	-1.8	LAT1; orf19.6561
7685	7.3	7.8	8.9	1.0	1.0	9.3	9.5	7.0	10.2	12.6	LCB4; orf19.5257
8473	3.1	4.0	3.8	6.7	1.0	3.0	2.7	7.6	10.2	7.0	LEU2; orf19.7080
6148	5.7	3.5	3.1	3.2	1.7	8.3	6.3	3.9	4.3	2.9	LHS1; orf19.5830
1468	4.0	6.6	4.3	2.7	2.1	4.3	5.7	6.3	6.1	6.0	LPF20; orf19.2663
95	7.0	6.6	3.8	2.4	1.7	9.6	8.6	7.2	8.2	9.8	LPF31; orf19.4549
5959	5.2	4.3	4.1	3.3	1.9	4.6	4.1	4.5	3.8	4.0	LPF33; orf19.12604
1927	3.2	3.2	2.9	2.4	1.0	2.9	3.6	3.1	1.7	1.7	LSC1; orf19.3358
1730	3.8	3.6	3.3	2.4	1.3	3.4	3.4	2.6	2.0	2.1	LSC2; orf19.710
8371	2.1	2.2	2.1	1.4	1.0	1.8	2.4	2.3	1.8	1.8	LSM1; orf19.7290
6353	4.1	5.2	4.9	3.2	1.8	4.6	6.7	5.0	4.0	3.7	LUV1; orf19.2007
1158	2.3	5.2	4.9	6.0	1.9	2.3	3.9	5.2	6.1	4.7	LYS1; orf19.1790
4198	1.0	3.1	2.5	6.0	1.9	1.3	2.1	4.2	3.5	4.8	LYS211; orf19.11982
8608	1.8	2.9	3.6	5.9	1.0	1.7	3.1	3.8	5.2	3.0	LYS9; orf19.7448
6106	3.3	2.0	2.4	1.0	1.0	3.7	2.9	2.7	1.0	1.0	MAE1; orf19.3419

7698	19.7	12.0	10.8	6.7	1.0	21.4	17.8	13.3	18.4	12.8	MCD4; orf19.5244
3762	25.1	24.9	22.6	14.6	9.8	24.9	26.2	25.5	18.5	14.3	MCK1; orf19.10963
4274	5.9	5.3	5.0	4.7	2.8	2.7	4.9	6.1	4.4	3.6	MCM6; orf19.2611
6540	2.6	2.3	3.1	1.7	1.3	2.7	3.8	2.6	2.2	2.5	MCT1; orf19.6643
4270	7.6	7.3	6.3	3.4	2.9	9.4	9.4	6.6	5.7	7.0	MDL1; orf19.2615
7164	1.8	2.5	2.4	1.8	1.0	2.2	2.5	3.3	4.4	5.0	MDM12; orf19.6900
8310	3.1	4.1	3.8	3.1	2.0	3.1	2.8	2.7	2.6	1.8	MET12; orf19.5321
1472	2.8	1.9	2.2	1.6	1.0	2.2	2.7	2.2	2.1	1.9	MKT1; orf19.2664
6736	1.6	2.1	2.5	1.4	1.0	1.6	2.0	2.4	3.3	2.5	MLO2; orf19.524
8573	10.4	8.5	6.8	5.0	3.6	5.7	7.3	7.9	6.3	5.6	MMS21; orf19.7413
663	4.2	3.5	5.0	2.7	1.0	2.3	4.6	5.3	4.4	4.1	MMS4; orf19.11132
4554	2.4	2.3	2.1	1.9	1.0	2.6	2.4	2.8	2.2	1.0	MMT1; orf19.52
3107	6.1	2.5	2.3	1.0	1.0	12.6	1.0	1.0	1.0	1.0	MNN1; orf19.4279
2321	15.1	18.0	12.7	11.6	5.0	14.4	18.0	16.7	17.0	13.4	MNS1; orf19.1036
7539	2.9	2.4	2.4	2.1	1.0	3.3	3.9	3.2	1.9	1.6	MRP8; orf19.3844
1587	4.7	4.8	3.8	3.8	2.6	3.7	3.9	4.6	3.2	2.9	MRPL19; orf19.6231
2240	3.0	2.0	2.1	2.6	1.6	2.3	2.4	2.7	2.1	1.0	MRPL23; orf19.3348
6719	4.1	2.3	3.0	3.2	2.4	3.6	3.3	3.6	2.5	1.9	MRPL24; orf19.828
6267	2.7	1.9	1.4	1.8	1.0	2.0	2.1	2.2	1.0	-1.4	MRPL28; orf19.397
6975	3.7	2.4	2.5	3.6	1.5	2.9	2.6	3.0	2.9	1.7	MRPL49; orf19.5161
3691	2.4	1.7	1.9	2.1	1.0	2.2	2.0	2.0	1.5	1.0	MRPS18; orf19.688
4309	4.6	4.7	4.2	4.0	2.6	5.2	4.7	5.1	4.9	3.1	MSD1; orf19.4478
6952	12.6	6.7	7.7	9.8	6.2	5.4	8.3	9.4	9.1	8.8	MSH2; orf19.3093
6045	16.8	11.2	10.1	7.2	4.4	6.3	15.1	11.1	9.6	9.7	MSH6; orf19.4945
5748	6.6	7.4	6.0	2.3	1.0	4.4	8.0	5.9	6.0	7.4	MSI1; orf19.3581
5705	2.5	2.1	2.4	2.6	1.0	2.2	1.0	2.8	2.7	1.0	MST1; orf19.2984
1001	7.7	10.6	14.2	6.6	2.1	12.0	7.4	14.0	13.7	6.8	MST2; orf19.1356
4754	2.3	3.2	3.5	2.5	1.0	1.5	2.1	2.0	1.6	1.0	MUQ1; orf19.2107
5015	1.2	3.2	3.3	1.0	1.0	1.0	3.2	3.4	2.5	3.2	MUS81; orf19.4206
6153	3.0	2.3	2.6	1.5	1.0	2.3	2.0	1.9	1.0	1.0	NCB2; orf19.5825
8309	2.1	1.9	3.2	1.0	1.0	1.0	2.9	2.5	2.7	1.0	NCE4; orf19.5320
5562	3.5	2.8	2.8	2.2	1.0	2.9	3.1	2.5	2.8	1.0	NCP1; orf19.2672
3235	2.7	4.0	3.4	2.2	1.5	2.9	3.8	3.1	2.4	2.1	NHP10; orf19.1730
400	2.9	2.8	2.7	2.5	1.0	2.3	3.0	2.9	2.9	2.2	NIF3; orf19.11884
8360	2.0	4.2	3.1	2.6	1.0	2.1	1.8	4.6	6.5	3.7	NIT2; orf19.7279
1205	3.4	3.0	2.7	1.5	1.0	3.0	2.7	2.9	3.3	2.9	NMD4; orf19.1525
4767	2.2	2.8	2.6	1.9	1.0	1.8	2.0	2.4	2.4	3.2	ORC5; orf19.2369
5701	2.1	2.8	3.0	2.9	1.0	2.2	2.6	3.7	2.8	2.6	orf19.10505
257	2.1	3.8	3.1	2.2	1.0	1.2	2.1	2.8	2.4	1.9	orf19.10973
818	2.4	2.4	2.3	1.5	1.0	2.0	3.6	3.0	1.7	1.0	orf19.1178

3168	4.5	4.3	5.8	4.6	2.5	3.2	3.8	5.1	5.6	4.8	orf19.11791
4195	2.1	1.9	2.2	2.1	1.0	2.1	2.7	2.8	2.6	1.6	orf19.11979
2899	2.2	2.6	2.7	1.6	1.0	2.3	2.2	2.7	3.7	3.6	orf19.1276
171	2.0	2.3	2.3	1.0	1.0	2.2	2.4	1.9	3.0	3.9	orf19.13044
2771	8.7	7.1	8.2	2.8	1.4	5.1	8.3	8.2	4.8	4.1	orf19.1309
6036	13.5	7.1	4.4	6.1	2.5	25.1	12.3	7.4	8.9	6.9	orf19.13656
6402	2.1	2.6	2.6	1.7	1.0	2.1	2.8	2.3	2.0	2.0	orf19.1544
937	5.0	5.1	5.3	4.0	1.8	2.7	4.5	5.0	4.9	4.0	orf19.157
1068	1.6	2.3	2.6	1.7	1.0	2.1	2.0	2.2	2.4	1.4	orf19.1590
6440	6.9	11.8	15.7	6.9	1.0	5.0	3.1	3.6	3.3	1.0	orf19.1632
3436	8.2	7.9	8.4	3.9	2.7	9.8	11.9	8.5	12.2	10.9	orf19.1829
2477	2.9	3.3	2.4	1.9	1.5	2.5	2.8	3.0	2.5	2.0	orf19.1983
6362	12.1	16.7	17.0	12.9	3.8	7.3	14.4	11.9	8.1	6.4	orf19.1998
6361	4.6	2.5	2.4	3.5	2.5	3.6	8.1	4.4	4.9	4.2	orf19.1999
5933	3.9	5.5	6.7	2.9	2.0	6.2	3.6	5.5	5.2	2.7	orf19.201
7494	37.3	33.4	16.9	18.5	9.5	22.3	25.3	21.4	18.8	14.4	orf19.2061
7491	2.0	2.3	2.7	1.4	1.0	1.8	1.4	2.3	1.9	1.9	orf19.2064
1317	20.3	25.6	22.3	38.6	1.0	15.8	12.8	13.3	28.2	15.5	orf19.2224
3567	1.0	7.5	6.5	2.0	1.6	1.0	3.9	5.1	8.8	4.8	orf19.2274
5533	8.8	16.2	4.9	9.9	1.0	4.8	13.8	8.4	4.5	4.8	orf19.2317
4960	2.9	4.4	6.4	2.8	1.0	2.8	3.1	4.3	4.7	4.8	orf19.2475
1988	3.5	2.5	3.0	2.3	1.0	4.2	2.8	3.2	2.0	1.0	orf19.253
1006	1.9	3.2	3.5	3.6	1.0	2.8	2.2	3.7	2.9	2.8	orf19.2548
2647	2.7	2.9	2.9	1.8	1.0	3.0	2.8	2.2	3.1	1.9	orf19.2627
6589	9.6	10.6	11.7	5.4	4.0	9.4	10.8	9.8	9.6	8.8	orf19.2763
3267	2.3	1.6	2.1	1.7	1.0	3.1	1.8	1.5	1.3	1.0	orf19.2863
4443	2.0	2.7	2.2	1.0	1.0	2.6	2.5	2.7	3.4	3.1	orf19.305
4444	3.3	6.9	6.0	3.6	1.0	2.9	7.1	5.8	4.6	6.2	orf19.306
3737	2.8	2.6	2.9	1.0	1.0	2.9	4.0	3.9	3.3	3.8	orf19.3084
5632	9.4	7.7	9.1	6.1	2.9	7.5	6.5	7.3	8.9	4.9	orf19.326
8266	20.3	32.4	33.1	11.4	10.6	19.3	54.6	29.0	34.3	35.0	orf19.3266
5031	3.9	4.8	4.1	2.2	2.1	2.7	2.8	3.8	4.2	4.3	orf19.3323
2889	1.6	3.1	3.6	1.0	1.0	2.4	3.4	4.3	2.9	1.0	orf19.3371
995	10.2	11.7	9.3	1.0	1.0	9.4	14.5	6.6	1.0	1.0	orf19.3461
5758	1.7	2.1	2.3	2.0	1.0	2.5	1.7	2.8	3.9	3.9	orf19.3571
3872	12.0	11.0	11.5	9.4	1.0	1.0	10.1	6.9	7.3	1.0	orf19.3694
5473	4.7	6.5	5.7	1.0	1.0	5.3	3.5	3.4	2.6	1.0	orf19.3743
6275	8.9	9.1	8.5	4.0	3.0	3.5	13.8	11.6	7.1	9.3	orf19.389
2303	5.3	7.5	10.1	1.7	2.0	4.5	9.7	9.9	6.8	6.4	orf19.3940
3506	2.5	3.8	2.5	1.0	1.0	2.1	3.1	2.9	2.0	1.0	orf19.3965

6831	6.3	4.2	4.2	3.8	2.0	1.0	4.3	4.3	4.0	3.7	orf19.4105
6820	1.6	2.1	2.2	1.0	1.0	2.1	1.0	1.9	2.6	3.1	orf19.4116
6819	3.1	3.9	4.7	2.6	1.8	3.8	4.6	5.2	5.8	4.6	orf19.4117
101	4.5	5.5	6.0	2.8	1.7	5.0	5.7	5.2	3.9	3.0	orf19.4171
3975	1.9	2.3	3.5	2.7	1.0	1.5	2.1	2.5	2.3	1.7	orf19.4249
3971	5.7	6.8	7.2	3.7	2.9	6.5	4.2	5.8	5.9	6.1	orf19.4253
8	5.3	7.7	8.2	3.0	1.8	5.9	7.1	7.9	11.6	8.3	orf19.43
3261	2.3	3.6	2.8	2.0	1.0	1.0	2.9	2.8	2.9	3.2	orf19.4325
6317	9.1	6.1	5.8	4.6	2.9	5.7	4.0	3.7	6.3	4.3	orf19.4390
6307	3.5	3.0	3.3	1.8	1.0	1.0	1.0	2.2	2.6	1.0	orf19.4400
5461	33.4	34.3	27.9	13.5	1.0	26.7	58.5	42.2	27.9	35.5	orf19.4675
1768	7.4	4.3	3.8	1.8	1.0	2.0	1.0	1.0	-2.0	1.0	orf19.4688
3126	2.3	3.4	3.8	2.1	1.0	4.1	4.4	3.6	4.0	1.0	orf19.4713
7381	20.5	11.1	12.3	6.9	5.1	9.7	15.9	13.3	12.0	6.8	orf19.4830
3389	3.8	5.3	4.5	2.4	1.7	3.9	6.2	5.0	4.8	3.7	orf19.5047
3379	5.0	5.8	5.9	3.6	2.4	1.8	5.9	4.8	3.5	4.2	orf19.5057
3402	1.9	3.4	2.9	1.8	1.5	2.3	1.9	2.1	3.3	3.3	orf19.5129
7696	4.4	3.8	6.0	4.5	1.0	4.5	4.7	5.2	4.9	3.7	orf19.5246
7693	5.9	10.1	16.9	2.8	1.0	7.6	9.2	7.4	16.3	21.4	orf19.5249
3826	5.0	6.5	6.1	2.8	1.0	4.6	6.6	3.8	6.1	6.1	orf19.5287
8294	3.0	3.6	3.3	1.5	-3.8	2.1	1.9	1.6	1.0	1.0	orf19.5305
6757	3.0	3.9	2.4	1.6	1.0	1.0	2.5	2.6	1.6	1.8	orf19.545
4350	4.9	5.2	3.8	3.1	1.7	2.2	2.6	3.7	4.1	4.9	orf19.5502
4464	4.6	4.9	4.5	3.9	1.7	3.7	4.7	4.9	6.9	3.9	orf19.5522
363	4.3	3.7	3.5	3.1	2.6	3.0	2.9	3.3	2.4	2.3	orf19.556
4517	2.6	2.5	2.1	1.3	1.0	1.9	3.5	2.3	1.4	1.0	orf19.5648
4570	2.1	1.9	1.9	1.0	1.0	1.7	2.3	2.0	2.0	2.0	orf19.5692
9054	2.0	3.0	4.0	1.8	1.0	1.7	2.2	2.4	3.3	3.8	orf19.5983
3926	9.8	7.3	6.0	3.4	4.2	3.9	12.2	9.1	9.8	11.5	orf19.6022
7616	5.7	8.9	6.3	3.8	1.0	3.4	12.0	7.1	5.1	7.3	orf19.6072
5405	5.1	5.0	4.7	2.5	1.9	4.3	7.6	6.1	4.1	3.0	orf19.6184
4531	6.0	7.4	5.6	3.4	2.6	5.7	10.0	5.3	5.3	5.4	orf19.6219
902	1.6	2.3	2.4	2.0	1.0	2.5	2.7	2.5	3.0	2.7	orf19.6238
674	4.9	11.6	6.8	4.9	1.0	6.8	5.2	1.0	7.8	7.4	orf19.6242
443	3.3	2.7	3.8	3.2	1.5	3.2	2.5	3.1	4.5	3.4	orf19.632
7841	8.5	11.6	10.1	1.0	1.0	11.5	9.6	16.2	11.1	10.2	orf19.6413
2213	1.1	3.1	2.9	2.7	1.8	3.4	3.1	2.4	4.9	4.7	orf19.6464
7632	5.9	4.8	5.9	2.5	2.5	6.1	6.9	4.8	5.1	4.0	orf19.6528
5261	2.3	2.2	2.3	1.9	1.0	2.4	2.5	2.3	2.6	1.8	orf19.6553
6767	1.4	2.2	2.3	3.6	1.0	1.9	1.0	2.5	4.5	3.1	orf19.6658

8843	2.3	4.6	3.4	1.0	1.0	3.7	3.4	3.7	3.8	6.8	orf19.6788
8836	3.2	4.5	3.7	3.2	1.0	4.2	2.3	2.6	4.4	1.0	orf19.6795
3692	5.7	5.2	5.2	3.5	2.2	3.1	6.5	5.1	2.4	3.1	orf19.687
8063	5.1	6.1	4.8	2.0	1.9	4.0	9.9	5.7	3.4	3.4	orf19.7163
8081	2.4	2.6	2.4	1.8	1.0	3.0	2.8	2.6	2.5	2.1	orf19.7181
6018	3.1	3.6	4.1	2.6	1.7	4.1	5.7	4.5	3.8	3.4	orf19.725
6014	2.6	3.2	2.9	1.8	1.0	2.1	3.1	2.8	2.7	2.3	orf19.729
8385	4.7	4.3	4.9	5.1	2.2	4.8	4.7	5.0	5.1	3.9	orf19.7304
8386	6.4	8.5	5.0	3.1	2.5	4.3	11.5	7.4	5.6	4.0	orf19.7305
8397	1.9	2.0	2.0	1.0	1.0	2.3	1.8	2.4	4.1	4.7	orf19.7316
8616	58.9	138.1	70.5	46.5	11.7	121.9	138.1	69.6	39.9	44.0	orf19.7456
8904	3.9	4.2	3.4	2.4	1.8	3.3	3.1	2.9	3.8	3.3	orf19.7556
8927	8.2	11.8	10.6	6.2	3.8	11.2	13.2	12.8	10.6	7.6	orf19.7579
8980	55.3	53.4	48.2	25.6	15.5	17.8	63.6	47.5	41.1	26.5	orf19.7632
2062	4.7	6.0	6.9	3.9	2.4	6.4	7.3	7.1	11.4	10.1	orf19.8003
6502	3.2	4.2	2.9	2.2	1.0	3.2	4.4	3.1	2.6	2.1	orf19.8063
396	3.8	3.9	3.3	2.6	1.6	2.7	3.6	3.8	2.3	2.0	orf19.8153
2189	4.7	6.5	3.4	2.5	1.0	3.8	7.2	5.4	2.2	1.0	orf19.8273
3847	7.8	7.9	11.8	6.6	3.6	5.0	15.5	14.1	13.1	7.2	orf19.836
7302	6.6	4.7	4.1	6.6	3.0	4.8	4.7	4.6	3.8	2.3	orf19.8494
3553	7.4	8.3	11.2	1.4	1.3	5.2	6.8	7.0	9.2	7.7	orf19.861
3540	1.8	2.4	2.1	1.0	-1.4	2.8	2.8	2.5	1.9	2.2	orf19.9078
119	12.5	9.9	16.3	5.3	1.0	10.6	17.1	19.7	14.0	13.3	orf19.9399
5182	3.0	4.8	4.9	1.4	1.0	2.4	3.1	3.2	2.3	2.6	orf19.9949
7734	8.1	6.9	7.2	5.1	2.4	7.8	8.4	6.7	4.0	2.7	OST1; orf19.6988
4088	11.0	8.9	9.8	7.2	2.5	11.4	12.6	9.8	8.8	6.4	OST2; orf19.1761
7407	10.5	10.4	9.3	7.0	2.3	11.4	10.6	9.1	6.6	4.2	OST3; orf19.3994
8586	4.0	4.2	3.8	3.2	2.1	2.4	4.6	4.1	3.4	3.4	OST6; orf19.7426
4043	2.7	2.8	3.1	3.9	1.0	2.4	2.8	2.6	1.8	1.0	OYE25; orf19.5816
168	8.6	6.7	9.4	6.2	1.0	3.6	5.6	6.2	13.8	9.1	PAC2; orf19.10438
4591	9.6	12.0	11.5	7.9	3.3	10.6	6.8	10.1	14.7	8.8	PAN2; orf19.4764
2793	4.6	4.3	4.6	2.7	2.3	4.1	3.9	3.2	4.2	3.1	PBN1; orf19.10951
3940	2.2	1.9	1.8	1.9	1.0	1.9	2.3	2.1	1.0	-2.8	PDB1; orf19.5294
3401	10.7	7.4	7.4	6.5	2.1	11.8	11.1	7.0	6.1	4.1	PDI1; orf19.5130
4261	13.8	6.9	8.6	5.0	4.7	6.5	12.1	8.3	6.2	6.9	PDS5; orf19.2216
8471	4.8	4.3	3.4	2.1	-2.1	3.3	4.9	4.0	1.0	-2.0	PET8; orf19.7082
4655	2.1	3.2	4.6	1.9	1.0	3.5	2.3	2.9	7.6	5.5	PEX2; orf19.3546
811	3.1	6.5	5.9	2.6	1.7	2.4	3.2	3.9	6.6	5.1	PEX7; orf19.89
3879	5.3	3.3	3.3	2.2	1.0	3.7	2.6	3.8	2.7	2.1	PFD1; orf19.3687
9064	3.8	3.1	4.1	5.1	2.1	3.6	3.6	3.7	5.3	3.0	PHB2; orf19.5973

7942	3.8	3.2	2.9	1.9	2.0	2.5	2.3	2.4	1.9	1.9	PHM5; orf19.7016
5814	4.0	3.1	3.4	1.0	1.0	8.9	-4.6	-4.6	-4.7	-4.2	PHO8; orf19.984
8727	2.9	5.5	6.1	2.0	1.8	2.0	1.0	1.0	1.0	1.0	PHO81; orf19.7475
6995	2.1	2.0	2.1	1.4	1.0	2.1	2.2	1.6	2.1	1.5	PHO85; orf19.6846
8408	2.8	2.0	1.6	1.1	1.0	1.9	1.8	1.0	1.0	-2.4	PHO88; orf19.7327
8895	8.5	15.8	15.5	6.3	2.1	9.4	10.6	11.9	14.0	9.9	PIB1; orf19.7547
8790	16.8	16.9	16.1	9.8	8.3	10.1	21.1	20.5	12.9	11.2	PIF1; orf19.7538
4400	4.0	3.2	3.4	3.0	1.0	3.1	4.1	3.5	3.5	1.0	PIK1; orf19.10711
6734	4.6	4.2	4.1	2.9	2.1	3.9	3.5	3.6	3.1	2.3	PIM1; orf19.522
796	2.1	2.2	2.8	2.5	-1.4	1.0	1.0	2.2	1.0	1.0	PLB3; orf19.1443
795	1.2	2.4	2.2	2.3	1.0	1.0	1.0	2.3	1.5	1.6	PLB3; orf19.9017
2074	3.6	3.0	2.3	1.8	1.0	4.3	4.9	3.2	1.3	1.0	PMI1; orf19.1390
6965	4.9	4.0	2.8	2.0	1.6	5.0	4.9	3.3	2.0	1.6	PMT1; orf19.5171
8819	7.8	6.8	5.6	4.0	2.2	10.1	10.3	7.1	4.5	4.8	PMT2; orf19.6812
6827	2.4	2.0	1.5	1.0	-2.2	2.9	3.6	2.1	1.6	1.0	PMT4; orf19.4109
1260	5.0	5.0	4.5	4.2	2.3	3.6	5.6	6.1	6.5	4.8	PNA1; orf19.1860
5920	1.8	2.5	2.8	1.7	1.0	1.6	2.4	2.5	3.3	3.5	PNG1; orf19.26
6417	2.8	2.8	3.0	2.4	1.0	2.0	2.3	2.5	1.9	1.0	POB3; orf19.1560
9164	10.7	5.0	4.3	2.8	2.4	4.9	7.3	5.1	2.6	2.4	POL1; orf19.5873
7915	11.7	7.3	7.3	5.5	2.3	4.8	11.3	9.8	5.6	4.6	POL30; orf19.4616
1330	2.9	3.6	3.2	1.8	1.5	2.5	3.2	2.9	2.7	2.4	PPH21; orf19.9252
6752	3.6	2.5	2.5	1.0	1.0	3.6	2.7	2.8	2.7	3.3	PPT2; orf19.540
7570	5.0	3.6	4.5	3.6	1.0	3.1	2.6	3.2	3.7	1.8	PRE10; orf19.6582
1889	2.2	2.5	2.3	1.0	1.0	1.0	1.0	2.1	1.0	1.0	PRE2; orf19.2233
7737	3.2	4.0	4.2	3.1	1.9	2.3	2.7	3.1	3.0	2.5	PRE3; orf19.6991
967	2.8	3.0	2.9	2.8	1.5	1.9	2.1	2.7	3.3	2.1	PRE4; orf19.4230
8078	2.0	2.2	2.6	2.2	1.3	1.4	1.9	2.0	2.1	1.8	PRE5; orf19.7178
3587	2.6	3.0	3.1	2.5	1.0	1.9	2.1	2.4	2.5	1.7	PRE7; orf19.2755
7443	5.5	2.8	3.0	2.2	1.8	2.1	4.6	3.3	2.5	3.0	PRI1; orf19.4030
1820	35.8	21.6	18.5	11.7	8.8	8.4	31.3	18.1	12.9	10.6	PRI2; orf19.2885
8852	2.2	3.9	3.2	2.7	1.0	1.8	4.1	4.9	2.8	2.4	PRO2; orf19.6779
575	2.0	2.6	2.7	2.7	1.0	2.5	2.4	2.8	3.9	3.2	PRP121; orf19.11829
7174	6.8	7.3	9.8	3.9	3.4	4.8	9.1	9.4	11.3	10.9	PSF1; orf19.6910
4523	2.6	2.3	2.5	2.5	1.0	2.6	3.2	3.6	3.6	2.7	PTE99; orf19.6211
1729	5.4	6.9	7.2	5.4	2.9	4.5	5.5	6.1	6.1	4.1	PUP2; orf19.709
224	3.4	3.9	3.9	3.7	1.8	2.2	2.8	3.4	3.7	2.5	PUP3; orf19.1336
2625	6.0	5.7	4.8	2.2	2.7	1.0	3.5	5.0	3.7	3.9	QRI2; orf19.4161
6759	13.5	8.8	8.6	5.8	4.9	4.3	10.5	12.9	6.3	5.2	RAD27; orf19.547
2363	2.5	2.4	2.5	1.0	1.0	3.6	2.5	2.6	2.3	1.8	RAD28; orf19.268
2332	4.8	4.5	4.2	5.0	2.6	3.8	4.9	3.8	5.7	3.4	RAD50; orf19.1648

7322	4.5	2.9	4.0	2.0	1.0	2.1	4.2	3.8	2.1	1.9	RAD53; orf19.6936
8005	4.5	3.1	3.9	2.4	2.5	2.8	3.7	4.8	2.8	1.7	RAD54; orf19.5004
1679	3.1	3.0	2.9	1.9	1.0	2.6	1.7	2.3	2.5	1.0	RAP1; orf19.9342
738	5.5	6.0	5.3	3.7	2.8	4.6	9.3	5.6	9.0	9.3	RB2; orf19.1099
5083	3.0	3.2	4.0	2.8	1.0	2.5	4.3	3.4	5.1	5.0	RB2; orf19.1234
1641	3.0	4.1	2.5	2.2	1.0	2.5	5.1	3.4	5.4	6.5	RB2; orf19.3144
1642	4.4	3.0	3.5	2.6	2.4	3.8	5.4	3.6	5.9	5.5	RB2; orf19.3145.
1877	4.3	3.7	3.6	3.0	1.0	3.2	7.0	3.7	6.5	7.2	RB2; orf19.3490
3125	5.3	4.0	3.9	3.3	2.5	4.2	7.9	4.3	8.2	8.3	RB2; orf19.4712
3502	5.1	4.1	4.2	2.9	2.3	4.0	6.4	3.6	7.4	7.6	RB2; orf19.5191
8304	4.2	4.2	3.8	2.5	2.0	3.4	5.4	3.9	5.8	4.9	RB2; orf19.5315
6183	6.7	4.5	6.3	2.8	3.0	3.6	7.1	4.9	8.8	7.8	RB2; orf19.5775
7160	2.6	2.4	2.1	1.3	1.0	1.9	2.4	2.4	2.5	2.0	RB2; orf19.6896
7391	5.7	5.1	5.2	3.8	2.6	4.4	8.9	5.1	9.9	8.8	RB2; orf19.6960
7392	2.4	3.1	2.1	2.5	1.0	2.9	5.3	3.4	4.8	5.7	RB2; orf19.6961
6016	5.8	6.7	6.2	3.5	2.4	4.1	6.6	5.5	8.4	9.4	RB2; orf19.727
566	7.8	8.3	7.4	5.4	3.8	5.0	14.0	6.9	14.8	16.1	RB2; orf19.914
489	49.9	104.0	37.5	13.5	19.4	69.6	158.7	41.6	40.2	64.0	RBT99;
6609	7.5	7.4	4.9	4.2	2.0	8.2	8.7	6.5	4.5	3.9	RET2; orf19.4236
6325	2.1	2.0	2.1	1.0	1.0	2.3	2.4	2.0	1.4	1.0	RET3; orf19.4382
7462	15.0	7.9	10.5	6.9	3.3	6.9	13.0	9.8	7.1	4.6	RFA1; orf19.2093
5879	13.3	9.7	10.2	7.0	4.7	4.8	14.0	10.7	8.1	7.9	RFA2; orf19.2267
7961	12.9	13.0	9.8	5.6	5.4	7.9	13.1	9.8	7.6	4.7	RFC2; orf19.7035
849	11.0	10.5	11.2	5.8	3.7	6.3	12.8	10.6	9.6	6.1	RFC3; orf19.10723
593	17.9	15.5	14.7	12.1	5.8	8.3	14.9	14.1	9.8	5.9	RFC5; orf19.9577
7283	4.8	5.6	4.4	2.7	2.1	5.1	6.5	5.7	5.1	4.6	RGP1; orf19.894
6164	10.8	10.0	10.8	9.8	4.3	7.8	12.4	11.7	12.6	8.5	RIM1; orf19.2483
3059	5.1	5.6	8.5	3.6	1.0	8.6	6.1	4.6	6.4	4.2	RIM20; orf19.4800
633	49.9	32.2	17.4	16.8	16.1	29.4	54.6	45.3	43.4	36.0	RLF2; orf19.2739
6999	4.1	6.9	7.7	3.0	2.5	5.4	4.5	5.9	8.8	8.3	RMD5; orf19.6850
2331	2.9	2.6	3.8	2.1	1.4	2.5	3.0	2.7	2.1	1.0	RNA1; orf19.9218
376	3.3	3.2	3.6	2.8	1.0	2.5	4.0	4.6	2.7	1.6	RNH12; orf19.13010
7550	17.8	8.5	10.6	4.4	1.9	5.9	10.9	6.0	6.5	5.1	RNH35; orf19.6562
4851	14.2	5.9	6.4	4.8	2.8	5.9	12.8	6.2	3.8	2.7	RNR1; orf19.5779
6834	2.8	3.7	3.3	2.4	1.4	2.3	2.8	2.9	2.3	2.3	RPN10; orf19.4102
5160	7.0	7.5	8.1	5.7	3.1	5.2	5.4	6.5	5.9	3.8	RPN12; orf19.213
7682	3.9	4.7	4.8	2.8	1.7	3.3	4.0	3.1	2.9	2.4	RPN2; orf19.5260
7791	3.0	2.8	3.1	2.5	1.5	2.2	1.9	2.5	2.5	2.0	RPN3; orf19.3054
7445	1.9	2.3	2.5	2.1	1.0	1.8	1.5	2.1	2.1	1.0	RPN5; orf19.4032
1388	2.6	2.3	2.4	2.3	1.0	1.6	1.9	2.3	3.0	2.0	RPN6; orf19.8879

8367	8.2	5.9	8.8	6.9	1.0	5.8	5.5	6.1	7.8	4.3	RPN7; orf19.7286
1236	3.4	3.3	3.7	2.5	1.6	2.4	2.6	2.8	3.0	1.7	RPN8; orf19.3168
6366_i	2.1	2.5	2.2	2.4	1.0	1.0	1.0	1.9	1.0	1.0	RPN9; orf19.1993
6510	2.0	2.2	2.5	2.2	1.0	1.4	1.7	2.2	2.2	1.7	RPT1; orf19.441
6627	2.7	3.0	3.5	2.5	1.8	1.8	2.5	2.5	2.7	1.7	RPT3; orf19.5793
7089	2.8	2.9	3.0	2.7	1.5	2.0	2.3	2.5	2.3	1.6	RPT4; orf19.482
6922	2.8	2.5	2.9	2.2	1.0	2.1	2.3	2.3	2.2	1.4	RPT5; orf19.3123
8839	1.7	2.8	2.8	1.0	1.0	2.8	1.5	1.9	2.4	2.3	RRD1; orf19.6792
3184	2.4	2.9	3.4	2.8	1.7	2.0	2.3	3.0	3.2	3.0	RTG1; orf19.4722
8743	5.5	6.4	8.2	2.8	2.8	5.7	8.2	6.8	6.7	4.1	RTT109; orf19.7491
6278	3.4	3.0	2.7	2.5	1.0	2.5	3.6	2.8	1.4	1.0	SAM4; orf19.386
3635	4.0	14.9	11.3	1.0	1.0	1.0	5.6	5.0	1.0	1.0	SAP7; orf19.756
3765	4.4	3.6	3.5	3.4	1.8	4.3	5.0	3.3	3.1	2.8	SAR1; orf19.3462
7468	11.2	12.6	8.5	9.1	4.7	8.2	15.0	12.5	5.1	6.3	SAS2; orf19.2087
2092	2.2	2.3	2.9	2.3	1.0	2.4	2.8	3.3	3.2	3.7	SBA1; orf19.5749
6467	4.3	4.3	3.0	2.0	1.0	6.5	5.8	3.5	1.9	2.0	SCJ1; orf19.3438
4140	3.0	2.9	3.5	2.1	1.0	1.8	2.5	2.1	2.7	1.0	SCL1; orf19.5378
845	5.3	4.2	4.7	5.0	2.4	4.4	5.4	5.2	6.2	3.7	SCS2; orf19.1212
3943	4.7	5.3	3.9	2.2	2.0	3.4	3.2	2.7	2.5	2.5	SCS3; orf19.5291
2340	52.7	35.3	58.1	12.8	8.8	60.5	38.6	28.1	34.8	32.9	SDC1; orf19.3899
6509	2.0	2.0	2.2	1.8	1.0	2.1	2.2	2.1	1.9	1.0	SDH1; orf19.440
823	2.2	3.5	4.5	3.4	1.6	2.7	1.7	2.4	2.7	2.2	SDT1; orf19.11404
2098	4.2	5.9	4.2	3.2	2.1	5.4	5.6	4.7	3.6	2.9	SEC12; orf19.3409
5642	8.1	10.3	7.7	6.5	2.8	8.8	10.9	9.3	7.1	6.1	SEC13; orf19.316
2802	5.7	5.6	4.2	3.3	2.4	6.6	6.1	4.0	4.2	3.4	SEC16; orf19.4346
8016	2.7	5.2	3.3	2.2	1.0	5.8	5.1	3.1	2.8	2.9	SEC18; orf19.4993
8015	3.2	3.6	2.9	1.9	1.0	3.4	3.5	2.8	2.2	1.7	SEC18; orf19.4994
3638	6.3	6.4	5.1	4.3	2.0	6.5	7.4	6.3	4.6	3.2	SEC21; orf19.759
5721	7.1	7.8	6.8	6.0	3.6	10.6	10.9	7.0	7.2	5.7	SEC231; orf19.1254
2083	3.6	7.1	4.0	4.5	2.0	8.5	7.9	6.5	4.8	4.8	SEC24; orf19.4732
6740	4.1	3.3	2.8	2.8	1.9	4.8	4.4	3.5	3.0	2.5	SEC26; orf19.528
4529	4.7	4.4	3.9	3.1	1.8	5.8	5.4	4.2	2.8	2.5	SEC31; orf19.6217
5397	5.6	6.2	3.9	3.0	1.0	6.8	6.5	5.6	2.7	3.5	SEC61; orf19.6176
7768	3.3	3.4	2.8	2.1	1.7	3.3	4.3	2.7	1.6	1.6	SEC62; orf19.3031
7080	3.5	3.5	3.2	2.3	1.6	4.6	4.1	2.7	2.0	1.7	SEC63; orf19.491
7538	3.2	3.5	2.7	1.9	1.5	3.4	4.5	3.1	1.9	1.8	SEC66; orf19.3843
6074	3.5	3.9	3.1	2.4	1.6	4.4	4.6	3.5	2.0	2.2	SEC72; orf19.4180
3030	12.0	9.8	10.5	6.6	4.2	11.3	8.6	8.2	7.5	6.0	SEC8; orf19.3647
9099	2.7	2.0	2.2	1.0	1.0	1.7	1.7	1.0	1.0	1.0	SEN1; orf19.5938
3324	1.5	5.4	3.7	2.7	1.0	1.0	1.0	3.1	1.4	1.8	SEO12 orf19.700

4178	3.3	5.1	5.3	3.2	1.6	2.2	3.3	6.0	3.8	2.7	SER1; orf19.5484
4481	1.8	2.7	2.7	1.8	1.0	1.7	1.8	2.1	2.2	2.4	SFT22; orf19.3184
6630	3.1	3.3	5.0	2.6	1.0	2.8	2.7	3.2	4.9	4.4	SHE9; orf19.5796
4567	4.6	4.8	4.5	3.7	1.9	4.6	4.8	4.3	3.1	2.3	Sim to ;orf19.5689
9108	2.3	2.1	2.7	1.0	1.0	2.5	3.1	2.4	1.8	1.0	Sim to ;orf19.5929
1430	2.8	2.6	2.8	1.8	1.0	2.6	2.5	3.2	3.1	1.0	Sim to YAL048C; orf19.13437
1005	4.2	3.5	4.3	3.0	1.8	3.0	3.3	3.2	3.1	2.1	Sim to YBL058W; orf19.2549
8878	3.9	5.1	6.0	4.1	2.3	2.1	3.2	3.6	4.2	2.9	Sim to YBR062C; orf19.6753
3794	5.4	7.4	6.8	6.1	2.9	9.0	5.9	6.1	10.6	6.8	sim to YBR131; orf19.13148
5249	3.3	3.1	3.0	3.3	1.5	2.3	2.9	3.8	3.1	2.6	Sim to YBR159W; orf19.3859
2554	4.3	7.0	6.5	1.9	2.3	7.1	7.6	6.5	5.6	5.4	Sim to YBR220C; orf19.3782
5333	4.7	10.1	10.1	1.0	1.0	1.0	1.0	5.0	3.4	1.0	Sim to YBR241C; orf19.1587
8470	8.3	6.6	7.0	3.5	1.0	4.2	10.0	8.2	3.4	3.1	Sim to YCL016C; orf19.7083
2616	3.3	2.7	2.6	2.8	1.0	2.8	2.3	2.8	3.2	1.7	Sim to YCL045; orf19.4131
1486	5.0	3.2	4.4	4.9	1.0	5.7	2.9	2.5	9.3	4.0	Sim to YCL047C; orf19.4953
6551	79.9	33.6	44.6	27.5	16.6	22.5	63.1	49.2	36.8	26.5	Sim to YCL061C; orf19.658
3024	4.2	2.9	3.5	4.8	1.0	4.9	4.9	3.7	4.9	2.7	Sim to YCR017C; orf19.3225
6807	2.1	2.4	2.5	1.7	1.0	2.4	3.1	2.8	3.1	1.0	Sim to YCR024c; orf19.6698
7695	2.1	3.2	3.1	2.1	1.0	2.6	2.3	2.9	3.4	3.6	Sim to YCR095C; orf19.5247
6650	2.9	2.4	2.9	4.7	1.7	2.9	2.8	4.3	3.9	2.0	Sim to YDL086W; orf19.2966
6651	2.7	2.2	2.3	1.8	1.0	2.3	2.7	2.3	1.9	1.0	Sim to YDL100C; orf19.2965
3363	2.0	2.5	4.0	2.0	1.0	3.2	2.6	3.0	3.9	2.7	Sim to YDL115C; orf19.6498
904	10.0	18.4	12.0	8.3	5.0	10.6	6.3	10.2	8.5	7.9	Sim to YDL117W; orf19.6240
4296	1.9	2.3	2.2	1.6	1.0	2.1	3.7	2.9	1.5	1.7	Sim to YDL219W; orf19.297
3797	3.0	2.6	1.8	1.0	1.0	3.2	2.3	3.1	2.4	2.4	Sim to YDR026C; orf19.5722
2478	5.1	4.3	3.0	1.4	2.3	4.1	3.3	2.5	1.5	1.0	Sim to YDR031W; orf19.1982
1105	4.1	5.4	5.2	5.1	2.2	4.5	2.0	3.3	1.7	1.0	Sim to YDR034; orf19.12240
2742	3.5	2.6	4.4	2.4	1.0	4.1	3.6	3.8	3.6	3.4	Sim to YDR063W; orf19.4193
8106	7.8	6.1	7.9	4.0	1.0	5.9	6.9	6.8	11.6	7.5	Sim to YDR067; orf19.7206
2806	10.1	14.2	14.0	3.8	3.2	4.1	12.0	10.0	8.7	6.3	Sim to YDR075W; orf19.4350
8267	9.4	14.2	8.9	4.8	3.4	10.3	12.7	7.1	10.9	11.5	Sim to YDR126W; orf19.3267
5869	1.7	2.9	2.1	1.0	1.0	3.0	2.4	2.2	2.2	1.0	Sim to YDR205; orf19.3132
4991	4.3	5.5	8.2	5.6	1.0	5.7	5.5	9.0	12.8	9.5	Sim to YDR248C; orf19.4520
2721	2.3	4.0	3.5	2.4	1.6	1.5	2.2	2.1	2.0	2.1	Sim to YDR330W; orf19.4430
5282	2.8	5.7	6.1	3.5	1.7	5.6	4.9	5.6	6.2	4.4	Sim to YDR357C; orf19.3007
3977	6.2	6.1	6.3	3.2	1.0	6.0	6.0	6.9	5.4	3.1	Sim to YDR411C; orf19.4247
5605	1.5	2.5	2.7	3.0	1.0	3.6	2.2	2.2	2.6	1.0	Sim to YDR479C; orf19.9489
1146	4.2	4.1	3.6	2.2	1.2	4.5	4.9	3.8	2.9	2.5	Sim to YEL001C; orf19.1372
7001	3.3	2.4	2.3	3.2	1.0	3.5	3.4	2.8	4.9	2.9	Sim to YEL072wp; orf19.6852
5667	3.2	3.2	3.4	1.8	1.0	2.6	3.5	2.8	3.0	1.6	Sim to YER030W; orf19.6147

6138	9.8	9.9	10.6	7.6	3.5	7.6	13.2	13.2	11.6	5.2	Sim to YER071C; orf19.5840
7207	4.1	3.0	3.3	2.9	1.0	4.4	2.9	4.3	3.0	1.8	Sim to YER080; orf19.3312
3302	3.1	3.3	3.9	1.9	1.0	4.1	2.8	4.0	3.3	1.9	Sim to YER139C; orf19.3659
3789	1.8	2.0	2.2	2.3	1.0	2.8	2.6	2.8	2.7	2.0	Sim to YFL044C; orf19.10450
4003	3.2	3.5	3.9	1.4	1.0	3.3	3.9	3.0	3.4	3.4	Sim to YFL046W; orf19.2939
7767	2.8	3.2	4.3	1.8	2.1	4.1	2.7	4.7	5.2	9.1	Sim to YFR021W; orf19.3030
3528	3.6	3.1	2.2	1.9	1.0	2.9	3.2	1.9	1.0	1.0	Sim to YFR041C; orf19.641
3929	2.3	2.7	3.0	1.0	1.0	2.0	5.6	2.8	2.9	2.1	Sim to YGL047W; orf19.6025
1989	12.0	10.7	9.8	6.0	3.6	11.1	9.4	7.5	3.8	2.2	Sim to YGL080W; orf19.252
5902	2.5	2.5	2.5	1.4	1.0	2.6	2.4	2.5	1.8	1.0	Sim to YGL161C; orf19.4922
4375	3.2	4.0	3.5	1.5	-1.7	2.9	3.5	3.3	3.1	1.9	Sim to YGL185C; orf19.1796
8875	2.6	3.0	2.8	1.9	1.0	3.0	2.8	2.8	3.0	2.7	Sim to YGL198W; orf19.6756
238	2.7	2.6	3.1	1.0	1.0	1.6	1.0	2.1	1.0	-1.7	Sim to YGL234W; orf19.5061
3526	4.5	9.3	8.3	3.8	1.0	3.7	5.7	4.3	7.3	3.2	Sim to YGL246C; orf19.639
7531	4.1	3.7	3.8	2.7	1.6	3.4	2.7	3.5	2.4	2.3	Sim to YGR001C; orf19.3836
2546	3.4	3.4	2.9	2.9	1.8	2.7	3.1	3.3	3.3	2.3	Sim to YGR021; orf19.805
5843	3.7	4.8	4.2	3.4	1.9	3.6	4.3	3.9	4.1	3.3	Sim to YGR026W; orf19.3872
4200	4.2	4.9	4.3	2.7	2.6	2.9	3.3	3.2	2.1	2.4	Sim to YGR031W; orf19.2352
1085	3.0	3.4	3.4	2.5	1.7	3.1	3.6	3.6	3.3	2.8	Sim to YGR106C; orf19.1597
7374	2.2	2.1	2.3	1.0	1.0	1.6	3.1	2.9	2.9	3.1	Sim to YGR113w; orf19.4837
2270	3.1	4.1	4.3	1.9	2.0	3.5	4.0	3.6	3.2	3.0	Sim to YGR117; orf19.6255
7819	5.4	5.5	4.9	2.6	2.1	4.6	5.2	4.4	3.0	2.3	Sim to YGR243W; orf19.6435
7878	9.1	11.6	7.7	4.9	3.0	12.6	13.3	10.1	6.9	7.7	Sim to YGR284C; orf19.4579
8244	3.8	2.3	2.7	2.0	1.0	2.8	2.4	2.4	3.3	2.1	Sim to YHR116W; orf19.3244
7202	1.8	2.2	2.4	1.8	1.0	2.0	3.5	2.8	3.1	1.0	Sim to YHR176W; orf19.3307
3135	2.7	3.3	2.7	1.6	1.3	2.6	3.0	2.4	2.3	2.1	Sim to YHR181w; orf19.1160
2244	4.1	3.4	4.3	2.4	1.0	3.6	1.8	2.9	3.9	2.5	Sim to YIL005W; orf19.1392
616	5.3	8.5	8.4	4.3	2.5	4.1	4.8	5.5	4.7	4.0	Sim to YIL007C; orf19.1014
5546	2.8	3.2	3.5	5.1	1.8	2.9	2.7	4.3	5.0	5.0	Sim to YIL041; orf19.2304
3707	11.4	2.9	2.6	2.3	1.0	2.9	4.8	2.2	1.0	1.0	Sim to YIL117C; orf19.95
4837	5.5	5.0	3.8	2.6	1.7	4.4	4.0	3.4	1.7	1.0	Sim to YJL055; orf19.1723
3067	2.0	2.7	3.3	1.4	1.0	6.2	2.9	4.3	1.6	1.0	Sim to YJL056; orf19.3794
2358	10.0	5.4	7.6	4.4	3.2	4.7	7.6	6.0	3.9	3.2	Sim to YJL074; orf19.263
3891	2.5	2.1	2.1	2.1	1.0	3.4	3.4	2.7	4.1	2.0	Sim to YJL123; orf19.8918
7689	3.6	5.1	4.5	2.2	2.1	2.8	5.1	4.4	4.5	4.8	Sim to YJL141C; orf19.5253
8311	3.7	3.1	3.2	1.6	1.0	2.2	2.9	2.3	2.3	1.7	Sim to YJL178; orf19.5322
8247	5.5	4.6	4.5	3.4	2.6	6.3	7.3	5.5	5.5	3.9	Sim to YJL207; orf19.3247
1157	3.0	3.1	2.8	2.8	1.5	2.4	2.3	2.8	2.2	1.5	Sim to YJR003C; orf19.1789
2302	3.7	4.1	4.6	2.7	1.8	3.7	3.3	3.8	4.5	2.7	Sim to YJR088; orf19.3939
1917	1.8	2.8	2.4	1.0	-2.1	1.9	1.8	2.2	1.9	1.7	Sim to YJR100; orf19.11411

3351	2.8	2.4	2.5	1.0	1.0	1.0	1.0	1.0	1.0	-4.7	Sim to YKL081W; orf19.2652
4368	21.6	24.1	25.1	18.4	8.9	28.6	15.5	27.7	47.2	22.5	Sim to YKL151; orf19.3508
5712	2.8	2.2	2.3	2.3	1.0	2.3	1.8	2.1	1.7	1.0	Sim to YKL195w; orf19.2977
997	3.7	3.2	3.8	3.5	1.0	2.8	4.9	3.2	4.1	2.8	Sim to YKL206C; orf19.2278
5997	2.4	2.5	2.5	1.3	1.0	2.4	2.2	2.4	1.5	1.0	Sim to YKL207W; orf19.6462
1357	3.1	2.6	3.7	2.7	1.0	4.0	5.6	2.2	3.5	3.7	Sim to YKR020W; orf19.13014
4650	8.4	8.1	10.6	4.7	2.8	5.4	11.5	14.1	10.1	12.8	Sim to YKR083C; DAD2;
5486	4.4	5.2	3.7	2.7	2.1	3.0	3.9	3.6	4.0	3.6	Sim to YLL014W; orf19.2698
567	2.3	2.8	2.4	1.4	1.0	3.9	3.7	3.0	3.2	3.7	Sim to YLR047C; orf19.867
3046	4.1	5.3	4.9	2.9	1.8	2.5	3.1	3.9	3.7	2.6	Sim to YLR064W; orf19.4525
1187	4.1	3.9	3.2	2.2	1.0	4.9	8.3	5.0	2.6	3.5	Sim to YLR104W; orf19.13952
3976	2.3	2.5	3.2	2.6	1.5	2.0	2.2	2.7	2.3	1.0	Sim to YLR118C; orf19.4248
8086	5.4	3.8	3.7	3.7	2.9	2.8	5.3	4.7	4.5	3.2	Sim to YLR210W; orf19.7186
4429	3.4	9.0	8.5	1.0	1.0	4.7	3.5	5.6	11.8	22.2	Sim to YLR224; orf19.5587
5279	3.7	5.4	5.6	2.0	1.0	2.2	4.7	3.6	2.3	1.0	Sim to YLR239C; orf19.3010
5680	3.9	5.8	5.1	3.6	1.8	5.3	7.3	5.1	5.9	4.2	Sim to YLR440cp; orf19.13553
2976	2.0	2.2	2.6	1.0	1.0	2.1	2.4	2.1	1.9	1.8	Sim to YML050W; orf19.612
8482	14.4	25.5	24.4	1.0	1.0	5.6	1.0	1.0	1.0	1.0	Sim to YML123C; orf19.7071
6906	6.2	4.0	5.1	3.9	2.0	4.3	4.3	4.0	4.2	3.3	Sim to YMR039C; orf19.5666
6905	4.7	5.2	4.3	3.8	1.8	4.1	4.6	5.3	3.2	1.9	Sim to YMR041C; orf19.5665
5643	4.8	5.1	6.5	1.0	1.0	5.2	9.1	6.1	4.8	3.5	Sim to YMR052W; orf19.315
7366	2.9	3.5	2.6	3.0	1.5	3.0	3.2	2.5	2.1	1.7	Sim to YMR071C; orf19.4845
2006	2.8	2.4	3.5	3.7	1.0	2.1	5.0	7.1	3.3	2.9	Sim to YMR087W; orf19.8652
1972	7.8	6.1	5.7	6.1	3.2	8.0	6.7	5.8	4.6	2.4	Sim to YMR099C; orf19.1946
261	2.1	2.1	2.5	1.4	1.0	2.5	2.1	2.1	2.5	3.1	Sim to YMR135C; orf19.3806
3455	2.8	3.6	2.6	1.0	-1.8	3.1	4.0	3.5	3.1	3.4	Sim to YMR155W; orf19.2923
8887	3.4	5.4	4.9	1.0	1.0	4.9	4.0	4.5	2.4	1.0	Sim to YMR262W; orf19.6744
8724	1.0	4.2	4.9	1.0	2.1	7.5	3.1	3.6	12.0	9.4	Sim to YMR317W; orf19.7472
3572	16.8	14.1	12.0	10.1	4.1	18.4	14.1	15.7	16.7	9.6	Sim to YNL010W; orf19.2269
3420	4.0	4.2	3.3	2.9	1.9	3.1	3.9	4.0	3.9	2.8	Sim to YNL168c; orf19.9730
6139	6.3	6.0	5.8	3.6	2.9	3.6	7.7	6.4	2.1	2.1	Sim to YNL231C; orf19.5839
8829	3.2	4.3	4.1	2.1	2.1	3.4	3.6	4.0	4.1	4.6	Sim to YNL326C; orf19.6802
2100	2.8	3.5	3.9	1.0	1.0	3.8	3.0	2.9	1.9	1.0	Sim to YNR027W; orf19.3411
7569	5.3	4.9	4.4	2.5	1.8	3.1	3.1	3.4	3.8	2.3	Sim to YOL003C; orf19.6581
7851	7.0	8.5	7.6	4.4	2.9	7.4	7.6	5.2	3.6	3.7	Sim to YOL031C; orf19.6403
6185	4.7	4.5	5.2	3.2	2.0	4.0	4.5	4.1	3.8	2.9	Sim to YOL057W; orf19.5773
9053	1.9	2.6	3.9	2.0	1.0	1.4	1.8	2.4	3.4	2.3	Sim to YOL073C; orf19.5984
3293	1.5	2.4	2.8	1.0	1.0	3.1	3.5	2.0	3.8	2.5	sim to YOL086W-A; orf19.4914
3784	2.5	2.6	2.2	1.7	1.0	1.8	2.3	2.3	2.2	2.2	Sim to YOL107W; orf19.10445
4480	2.3	2.2	2.4	1.6	1.0	2.1	2.8	2.5	2.3	1.9	Sim to YOL111; orf19.3183

3761	2.5	2.8	3.6	2.6	1.0	1.8	2.3	1.9	4.7	5.0	Sim to YOL129; orf19.10962
4199	1.4	2.6	1.8	2.8	1.3	3.0	1.8	2.5	3.1	2.2	Sim to YOR086c; orf19.2353
8502	4.6	5.2	4.4	4.9	1.0	4.7	6.1	5.2	3.1	1.0	Sim to YOR111W; orf19.7051
8873	1.5	2.5	2.0	2.7	1.0	1.5	1.0	1.0	2.6	3.9	Sim to YOR120W; orf19.6758
1427	3.0	3.9	4.0	2.7	1.6	2.8	3.0	3.4	3.2	2.8	Sim to YOR124C; orf19.8088
6617	2.5	2.0	2.3	2.0	1.3	2.4	2.7	2.0	2.2	1.5	Sim to YOR164c; orf19.4228
7042	2.6	3.8	3.2	1.5	1.0	3.4	3.1	2.9	2.7	2.7	Sim to YOR174w; orf19.1878
6217	1.9	1.9	2.3	1.7	1.0	2.4	1.7	2.0	3.4	3.2	Sim to YOR292C; orf19.6605
8936	2.7	3.5	2.5	1.9	1.4	2.6	3.3	3.3	1.0	1.0	Sim to YOR305w; orf19.7588
1270	1.8	2.1	2.2	1.3	1.0	2.4	1.8	2.1	5.4	5.5	Sim to YPL196W; orf19.7873
6280	2.2	2.6	2.4	2.0	1.0	2.1	1.9	2.3	2.6	2.0	Sim to YPL247c; orf19.8014
8678	2.8	3.4	3.5	1.6	1.5	2.9	3.9	2.8	1.8	2.1	Sim to YPL249C; orf19.5442
3224	2.3	2.8	2.3	1.6	1.0	2.0	2.4	2.5	2.2	1.7	Sim to YPR040W; orf19.11419
5978	3.5	2.4	2.7	3.3	1.7	3.0	2.7	2.8	3.4	2.6	Sim to YPR047W; orf19.2039
6533	2.3	3.6	3.3	1.6	1.3	2.4	3.8	4.5	3.0	3.1	Sim to YPR084W; orf19.6636
319	4.9	5.5	5.7	4.8	2.4	4.6	4.6	4.1	6.2	5.0	Sim to YPR090; orf19.757
6194	1.9	2.5	2.1	1.8	1.0	1.8	2.1	2.2	2.1	1.0	SKI8; orf19.5764
5865	6.8	5.3	6.5	5.2	2.9	7.2	6.9	4.8	5.6	4.3	SLY1; orf19.3128
2422	11.8	9.6	7.8	4.1	3.7	4.8	10.5	6.5	4.1	4.6	SMC1; orf19.4367
1515	43.7	38.3	38.6	23.8	15.5	22.9	45.3	38.9	48.5	26.5	SMC2; orf19.3623
2013	9.4	6.2	7.5	7.5	4.2	3.4	6.2	4.7	4.4	3.1	SMC3; orf19.7895
5176	4.8	3.1	3.0	1.6	2.0	2.3	3.4	2.3	2.0	2.5	SMC5; orf19.2417
7718	7.4	5.1	2.8	2.4	2.6	4.4	5.1	5.7	6.7	6.0	SMI1; orf19.6972
3328	8.5	7.6	7.4	4.2	1.5	5.5	7.1	5.9	2.7	1.6	SOL3; orf19.704
5788	2.3	2.1	2.5	1.0	1.0	2.4	2.3	2.2	2.7	2.0	SOM1; orf19.6359
6075	8.1	9.5	5.9	3.7	2.3	7.7	10.2	6.4	5.1	4.2	SPC2; orf19.4181
5910	10.4	9.6	8.8	6.0	3.6	10.3	13.8	8.6	8.3	7.2	SPC3; orf19.4930
1728	3.9	3.2	1.0	2.8	1.0	2.6	5.2	4.0	3.6	4.0	SPC97; orf19.708
4863	10.6	12.1	11.2	5.6	3.9	11.6	17.3	11.4	12.3	15.7	SPG1; orf19.10519
5624	2.4	2.2	2.0	2.0	1.0	2.8	3.2	2.2	1.2	1.0	SPT1; orf19.1857
609	2.6	3.2	3.5	3.0	1.8	3.1	3.6	3.7	5.1	5.0	SPT10; orf19.2361
7653	2.7	2.4	2.0	2.9	1.3	2.3	2.0	1.8	1.8	1.0	SPX5; orf19.6507
4924	6.4	5.4	5.5	1.0	-1.8	5.5	5.9	5.5	3.1	2.3	SSA2; orf19.1065
6894	3.9	3.3	3.0	2.5	1.3	3.7	4.1	3.0	2.2	1.0	STE24; orf19.5654
1416	5.7	9.7	6.8	1.0	1.0	2.1	1.0	-2.4	8.7	-2.0	STL1; orf19.5753
7095	9.1	9.6	8.2	5.3	3.2	8.9	12.6	9.3	5.5	4.6	STT3; orf19.1478
3719	1.4	2.2	2.3	1.9	1.0	2.1	2.4	2.2	2.5	1.0	SWD2; orf19.2790
7797	5.5	5.9	5.4	5.2	2.1	5.4	6.1	5.3	3.5	2.5	SWP1; orf19.3060
8028	3.6	5.8	4.4	3.1	1.6	3.5	6.1	4.3	3.1	2.3	SYS1; orf19.7128
6286	6.2	4.6	4.8	1.0	1.0	2.2	5.1	4.6	2.8	5.2	TAD3; orf19.5090

8614	2.6	3.2	3.1	1.9	1.0	2.2	2.7	2.1	3.4	2.4	TAF6; orf19.7454
1886	1.9	2.4	2.8	1.9	1.0	1.7	2.2	2.2	2.3	2.3	TAF7; orf19.9147
4536	4.0	3.8	4.0	3.8	1.9	3.7	3.9	3.9	3.8	3.0	TAL1; orf19.4371
7622	2.9	3.5	2.9	2.3	1.0	2.7	3.0	3.1	2.9	2.5	TFP3; orf19.6538
5932	5.2	4.8	3.5	3.0	1.8	3.9	3.4	3.7	3.2	2.0	THO1; orf19.200
3586	40.5	21.7	20.0	19.0	10.7	27.3	35.3	28.1	29.4	23.6	TIM13; orf19.2754
5404	3.0	2.0	1.7	1.5	1.0	2.6	2.6	2.2	1.3	1.0	TIM8; orf19.6183
2341	4.1	4.5	5.2	2.1	1.0	4.6	2.9	4.2	5.3	4.4	TLG1; orf19.3898
4382	12.0	8.3	7.4	5.5	6.0	4.5	7.5	6.9	4.3	3.0	TOP2; orf19.2873
3564	2.3	2.0	2.2	2.6	1.0	2.5	1.5	2.0	3.4	3.2	TPK2; orf19.2277
8265	2.1	2.6	2.4	1.0	1.0	1.0	1.0	2.6	1.0	1.0	TRM1; orf19.3265
5732	22.3	25.6	18.6	12.7	11.7	18.9	32.7	17.8	17.5	12.5	TRS130; ER to Golgi membrane
6484	2.7	3.5	3.5	1.0	1.0	3.3	3.7	2.7	2.3	2.2	TRS23; orf19.3673
6287	4.3	7.5	10.9	1.0	1.0	7.6	12.8	8.9	10.6	18.6	TRT1; orf19.5089
7188	2.1	2.3	2.4	2.2	1.0	2.0	1.9	2.2	1.7	1.0	TSC13; orf19.10803
7651	2.7	1.0	2.1	2.2	1.0	3.8	2.7	1.4	1.9	1.0	TTR12; orf19.6509
712	9.8	9.6	12.3	1.0	1.0	5.0	12.9	11.2	10.6	12.0	TUB4; orf19.1238
6302	2.5	2.3	2.1	1.0	1.0	2.1	2.4	2.1	1.5	1.0	UBA2; orf19.5074
1318	3.4	4.1	4.2	3.7	2.0	3.0	3.2	4.0	4.6	5.0	UBC13; orf19.2225
3397	3.4	4.3	3.7	3.0	1.0	2.4	3.0	3.3	2.8	1.6	UBP14; orf19.1516
7607	3.2	3.3	3.9	3.4	1.5	2.3	2.5	2.8	2.7	1.6	UBP6; orf19.6063
9072	6.1	4.4	4.3	2.6	2.3	6.5	5.5	4.0	4.3	2.7	UFD2; orf19.5965
934	3.2	4.6	4.8	3.5	2.1	2.1	2.7	3.9	4.5	3.1	UTR4; orf19.1495
7843	2.7	3.5	3.8	3.3	1.8	2.5	4.4	4.6	5.6	4.8	VAC14; orf19.6411
1748	4.1	6.6	6.2	3.4	2.3	4.6	4.4	5.0	7.4	6.1	VAM7; orf19.8773
5411	2.4	1.9	2.0	1.6	1.0	2.4	2.8	2.0	1.4	1.0	VIG9; orf19.6190
6202	1.5	2.2	3.7	2.3	1.0	3.0	3.1	3.9	4.3	3.9	VMA22; orf19.6590
175	5.3	5.5	6.4	3.2	2.6	5.7	5.4	5.4	5.9	4.1	VMA7; orf19.8424
6127	5.0	5.5	4.4	3.1	1.0	4.3	4.3	4.6	4.8	4.1	VMA8; orf19.2895
860	2.3	3.2	2.5	1.6	1.4	2.5	2.9	2.4	2.5	2.4	VPH1 ; orf19.8781
7139	4.7	6.7	7.2	3.7	2.5	5.0	6.6	6.8	7.2	5.8	VPS35; orf19.6875
1535	4.5	4.7	5.3	2.8	2.6	4.9	4.4	3.7	5.4	5.1	VPS5; orf19.2867
3426	2.2	2.6	3.0	2.0	1.3	2.9	2.0	2.2	2.3	2.2	VRP1; orf19.2190
5552	9.1	9.3	8.0	6.7	3.1	9.6	11.7	8.0	6.4	4.7	WBP1; orf19.9834
3303	3.7	5.3	4.7	1.9	2.1	3.6	3.8	4.1	4.7	3.2	YET1; orf19.3658
3300	2.1	2.7	3.2	1.0	1.0	1.8	2.0	2.2	3.0	2.9	YFW1; orf19.4921
2418	3.0	3.8	2.9	2.1	1.5	2.0	3.1	2.8	3.1	2.9	YIP1; orf19.3951
781	4.8	6.2	6.6	1.0	1.0	4.8	6.0	5.2	5.0	1.0	YKU701; orf19.1135
3865	2.4	2.0	2.4	1.7	1.0	2.3	3.0	2.6	2.2	2.5	YKU80; orf19.2383
6031	2.5	2.9	4.0	2.6	1.0	1.7	1.8	2.3	2.9	2.1	YUH1; orf19.13651

3575	7.1	4.9	5.2	6.3	3.4	4.6	11.2	5.1	6.9	9.3	YVC1; orf19.2209
2286	3.2	4.6	3.7	2.1	1.0	5.9	6.1	5.0	4.7	4.1	ZRG17; orf19.3769
4024	9.4	9.2	9.3	11.0	3.6	7.8	6.8	8.6	8.3	9.6	ZWF1; orf19.4754
3000	-3.8	-11.9	-24.3	-8.2	-6.1	1.0	-4.6	-14.8	-29.4	-32.7	ALS2; orf19.1097
1310	-3.8	-34.5	-55.3	-31.1	-22.6	1.0	-10.3	-74.0	-69.6	-61.8	ALS4; orf19.2121
3075	-3.3	-28.4	-74.5	-32.9	-26.9	-1.7	-9.3	-78.2	-117.0	-76.6	ALS4; orf19.4556
4789	-2.4	-2.4	-2.7	-2.6	-6.0	-2.5	-2.3	-2.6	-4.3	-7.8	APA2; orf19.13075
4943	-171.3	-270.6	-661.7	-203.7	-342.5	-56.5	-335.5	-359.5	-242.2	-215.3	AQY1; orf19.2849
2820	-2.0	-2.1	-2.1	-3.6	-4.1	-2.1	-2.3	-2.0	-2.7	-4.2	ARH1; orf19.410
7599	-2.2	-2.3	1.0	-3.1	-6.9	1.0	-1.9	-2.4	1.0	-2.2	BUL3; orf19.6055
6276	-2.1	-2.6	-3.0	-5.2	-8.2	-1.7	-2.1	-2.3	-3.4	-3.8	CAF16; orf19.388
4385	-5.8	-8.2	-6.2	-19.7	-47.8	-4.2	-3.9	-5.1	-9.8	-7.2	CBF1; orf19.2876
5754	-1.8	-2.2	-2.1	-2.1	-7.9	-1.9	-1.7	-1.9	-4.9	-12.7	CDC19; orf19.3575
6297	-13.9	-50.2	-30.7	-26.4	-54.6	-4.0	-19.6	-16.1	-5.7	-3.9	CDR4; orf19.5079
7772	-1.9	-2.5	-2.5	-3.4	-4.2	-2.2	-2.2	-2.4	-3.4	-4.5	CHD1; orf19.3035
1104	-2.6	-5.8	-4.8	-4.0	-14.0	-2.3	-2.9	-3.2	-3.2	-4.6	DAK2; orf19.12241
7082	-1.7	-2.1	-2.2	-1.7	-4.1	-2.4	-1.4	-1.9	-2.3	-3.2	DAP1; orf19.489
6273	-3.9	-4.4	-3.8	-3.0	-9.8	-3.5	-1.8	-2.6	-2.8	-5.1	ECM22; orf19.391
3383	-1.8	-2.2	-1.7	-2.7	-5.9	-1.9	-2.1	-1.5	1.0	-2.0	ECO1; orf19.5053
2816	-1.9	-2.9	-2.7	-1.8	-7.3	-1.9	1.0	-1.6	-1.5	-3.0	ERG1; orf19.406
5625	-2.4	-2.3	-2.8	-1.7	-5.7	-2.8	-1.9	-1.7	-5.1	-8.4	FCY21; orf19.7965
2939	-1.6	-1.8	-2.0	-4.0	-3.7	-2.1	-2.2	-1.6	-2.7	-3.3	FET35; orf19.1206
1017	-2.4	-3.1	-3.1	-2.2	-11.9	-1.9	-2.1	-2.3	-1.4	-2.0	GLK3; orf19.1408
5097	-2.7	-3.9	-3.6	-1.9	-10.3	-1.8	-2.3	-2.5	1.0	-2.2	GLK4; orf19.6116
7248	-7.6	-16.2	-10.1	-8.0	-32.9	-5.4	-6.5	-6.3	-7.0	-7.9	GPX2; orf19.4436
1494	-1.9	-4.3	-3.9	-2.2	-14.6	-1.4	-1.6	-1.8	-1.7	-2.6	HEM13; orf19.2803
3659	-2.5	-2.5	-2.7	-2.3	-5.5	1.0	1.0	1.0	-1.7	-2.5	HEM14; orf19.12209
5082	-2.4	-3.9	-2.9	-2.9	-12.5	-2.6	-1.7	-1.2	-2.6	-2.4	HOM3; orf19.1235
1668	-1.6	-3.6	-4.4	-5.6	-6.0	1.0	-7.1	-4.5	-11.2	-18.0	HSP12; orf19.3160
598	-2.0	-3.8	-3.3	-2.7	-8.1	-2.0	-2.2	-2.5	-2.2	-18.8	HXK2; orf19.8176
4174	-2.3	-2.3	-2.2	-2.2	-4.7	-2.2	-1.7	-1.6	-2.7	-3.5	ILV1; orf19.5480
7453	-3.8	-2.4	-2.0	-2.9	-7.0	-3.3	-2.3	-1.6	-2.4	-2.8	ILV3; orf19.4040
7916	-3.0	-7.2	-5.4	-6.9	-21.6	-3.1	-2.9	-3.6	-5.9	-8.0	MAK3; orf19.4617
1663	-2.2	-4.1	-4.1	-9.5	-24.6	-2.0	-3.4	-4.0	-12.3	-24.6	MDS1; orf19.3156
4807	-3.2	-2.6	-3.0	-2.3	-5.7	-4.1	-4.6	-7.0	-4.5	-4.6	MTR1; orf19.278
1773	-23.9	-39.4	-139.1	-51.6	-25.6	-10.4	-14.2	-8.3	-8.5	-6.3	orf19.10357
6648	1.0	-8.6	-3.8	-12.6	-30.3	1.0	-18.9	-1.9	-6.9	-31.1	orf19.10485
4923	-1.9	1.0	1.0	-3.4	-4.2	1.0	1.0	-2.2	-2.5	-2.6	orf19.1066; Sim to YPL067c
4922	-5.6	-8.1	-8.1	-8.2	-19.4	-4.4	-3.9	-4.2	-10.9	-11.2	orf19.1067; Sim to YKL152c
755	-5.2	-9.9	-15.5	-25.3	-37.0	-3.7	-30.3	-24.9	-22.3	-26.2	orf19.1126

1057	-2.5	-3.6	-2.2	-2.6	-12.3	1.0	1.0	-1.9	-2.1	-2.9	orf19.12160
6386	-2.2	-2.1	-2.4	-4.6	-4.0	-2.6	-1.8	-2.8	-2.1	-1.9	orf19.1417; Sim to YPL099c
7052	-24.8	-1468.4	-190.0	-53.1	-286.0	-6.9	-8.2	-15.6	-71.0	-53.1	orf19.1868; Sim to YJL026w
7051	-16.4	-75.6	-38.3	-24.6	-61.4	-8.6	-9.4	-12.3	-17.1	-9.9	orf19.1869
7031	-2.6	-3.0	-3.1	-5.7	-9.1	-2.5	-2.3	-3.0	-7.3	-11.6	orf19.1889; Sim to YKR043
5366	-2.1	-2.5	-2.8	-3.0	-6.0	-2.4	-2.0	-2.3	-2.6	-2.8	orf19.2132
5565	2.6	1.0	1.0	-2.9	-2.0	1.0	-2.9	-5.0	-5.3	-6.9	orf19.2669
6461	-1.9	-2.9	-2.8	-4.2	-10.7	1.0	1.0	-3.4	1.0	-1.9	orf19.3444; Sim to YKR105c
5761	-2.5	-3.9	-4.7	-4.4	-8.8	-1.8	-4.4	-5.4	-3.1	-9.0	orf19.3568
5140	1.3	-6.1	-7.8	-10.0	-8.9	1.8	1.0	1.0	1.4	-3.0	orf19.3908
6268	-2.1	-2.2	-2.4	-5.4	-7.1	-2.8	-1.7	-2.5	-6.1	-4.4	orf19.396
3089	-5.4	-14.7	-3.8	-4.7	-28.8	-2.2	-3.6	-27.5	-15.9	-4.6	orf19.450
7880	-2.5	-2.5	-3.4	-3.8	-8.1	-2.4	-2.3	-2.1	-3.7	-5.0	orf19.4581; Sim to YJR013w
4896	-7.1	-12.9	-13.5	-27.7	-15.9	-5.0	-9.6	-12.9	-10.5	-8.8	orf19.4786
5962	1.0	-2.2	-2.2	-3.9	-7.6	-2.5	-2.0	-2.2	-9.9	-13.4	orf19.5136; Sim to YGR017w
1361	1.0	-2.3	-1.9	-4.1	-3.7	1.0	-2.7	-2.8	-4.0	-3.9	orf19.5572; Sim to YML155c
402	2.0	1.3	-2.0	-5.9	-10.7	2.6	-1.7	-1.4	-9.9	-4.4	orf19.8843
3504	-3.6	-6.5	-7.4	-4.7	-13.2	-2.4	-2.8	-3.7	-7.8	-12.2	PFK1; orf19.3967
5274	-2.8	-7.1	-6.0	-4.6	-18.9	-2.2	-2.7	-3.6	-8.2	-14.3	PFK2; orf19.6540
5859	-1.8	-2.1	-2.3	-1.6	-5.9	-1.9	-1.6	-1.6	-1.9	-2.5	PGI1; orf19.3888
3310	-1.8	-2.6	-2.4	-1.9	-6.7	-1.8	-1.9	-1.9	-2.2	-2.3	PGK1; orf19.3651
7063	-1.3	-10.2	-7.9	-4.8	-15.5	-1.5	-1.3	-2.3	-31.6	-78.2	QDR1; orf19.8138
6384	-3.5	-16.0	-23.1	-44.6	-53.4	-1.8	-8.5	-22.8	-42.2	-26.2	RBT2; orf19.1415
4277	-2.5	-4.7	-3.2	-1.7	-8.1	-1.8	-2.3	-2.7	-1.7	-1.6	SAD1; orf19.2608
2865	-2.2	-2.2	-2.7	-3.2	-5.9	-2.2	-1.5	-1.6	-5.6	-5.4	THR1; orf19.923
8886	-1.8	-2.6	-2.3	-2.0	-5.1	-2.1	-1.9	-1.9	-2.2	-1.8	TPI1; orf19.6745
7375	-3.1	-3.6	-2.9	-3.3	-6.9	-3.1	-3.4	-3.1	-4.2	-6.1	URA1; orf19.4836
4552	-3.2	-3.7	-3.7	-6.8	-11.7	-3.5	-9.6	-7.6	-29.2	-25.3	WRY7; orf19.54
8705	1.3	1.9	1.0	-2.4	-4.9	3.1	1.0	-1.9	-2.6	-2.5	YRF1; orf19.5469
6371	1.8	1.0	-1.3	-5.4	-8.1	2.1	1.0	-2.0	-3.0	-4.2	YRF1; orf19.6614
7145	-2.2	-4.3	-3.2	-2.4	-7.1	-1.7	-2.6	-2.7	-3.0	-2.9	YTH1; orf19.6881
3288	-6.4	-45.3	-56.9	-85.0	-141.0	-2.3	-13.7	-35.3	-6.1	-2.9	YWP1; orf19.3618

B: Biofilm; P: Planktonic; *Gene name/ORF Assembly 19
Positive and negative (-) values represents up or down regulation, respectively.