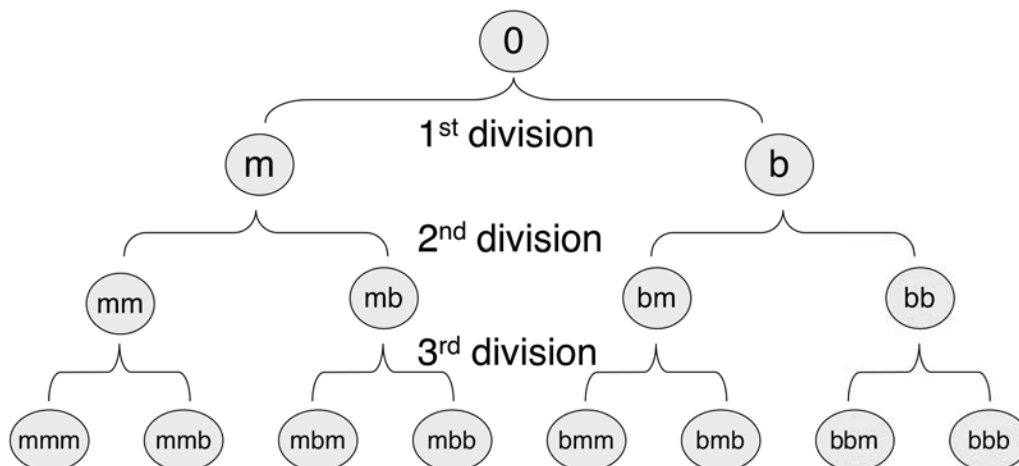


Key to the Quantitative Data

Each data set is arranged in sequence of division, typically starting with an initial cell, labelled "0". The two progeny of this cell are termed "m" for mother and "b" for bud.

At the next division the original "m" or "b" is used as a prefix, hence "mm" designates the mother cell derived from the first mother. This nomenclature can be continued indefinitely, for example "mmmm" indicates a mother cell that has budded four times.

The lineages are indicated in Figs. 1 & 2 and also here.



The data for a single time lapse sequence are arrayed in the following format:

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
AG	0	YFP	#numerical value#	#numerical value#
AG	m	YFP	#numerical value#	#numerical value#
AG	b	YFP	#numerical value#	#numerical value#
AG	mm	YFP	#numerical value#	#numerical value#
AG	mb	YFP	#numerical value#	#numerical value#
AG	bm	YFP	#numerical value#	#numerical value#
AG	bb	YFP	#numerical value#	#numerical value#

In this timelapse sequence an initial cell "0" divided to give both a mother "m" and bud "b" and both of these divided again to give rise to four progeny. In this example the cell contains a gene tagged with YFP, as opposed to CFP, indicated in the third column. Note that for a haploid culture (either YFP- or CFP-tagged) only the fluorescent data for the appropriate tag are shown, since there is only one tagged protein in these cells. Each worksheet of this file indicates a different gene being studied and/or different genetic background or ploidy. The numerical values for both CFP and YFP are measured in relative units from the Volocity software package.

MTW1-tagged protein segregation in haploid cells:

These data are produced from two haploid strains, W7216-5C (*MTW1-YFP*) and W7181-20D (*MTW1-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
A2-1	0	YFP	-	16.631
A2-1	m	YFP	-	18.188
A2-1	b	YFP	-	16.661
A2-1	mm	YFP	-	10.904
A2-1	mb	YFP	-	7.355
A2-1	bm	YFP	-	12.344
A2-1	bb	YFP	-	10.984
A2-1	mmm	YFP	-	7.393
A2-1	mmb	YFP	-	7.589
A2-2	0	YFP	-	24.718
A2-2	m	YFP	-	19.494
A2-2	b	YFP	-	15.955
A2-2	mm	YFP	-	12.894
A2-2	mb	YFP	-	9.657
A2-2	bm	YFP	-	10.276
A2-2	bb	YFP	-	12.856
A2-2	bmm	YFP	-	9.54
A2-2	bmb	YFP	-	7.35
A2-2	bbm	YFP	-	8.321
A2-2	bbb	YFP	-	7.533
A3	m	YFP	-	13.864
A3	b	YFP	-	16.78
A3	mm	YFP	-	15.797
A3	mb	YFP	-	9.831
A3	bm	YFP	-	14.431
A3	bb	YFP	-	16.48
A4-1	0	YFP	-	30.171
A4-1	m	YFP	-	21.702
A4-1	b	YFP	-	20.804
A4-1	mm	YFP	-	15.588
A4-1	mb	YFP	-	12.962

A4-1	bm	YFP	-	12.166
A4-1	bb	YFP	-	10.391
A4-2	0	YFP	-	21.165
A4-2	m	YFP	-	21.882
A4-2	b	YFP	-	13.847
A4-2	mm	YFP	-	8.208
A4-2	mb	YFP	-	8.223
A4-2	bm	YFP	-	9.849
A4-2	bb	YFP	-	11.11
B1-1	0	YFP	-	31.128
B1-1	mmm	YFP	-	16.231
B1-1	mmb	YFP	-	7.029
B1-2	0	YFP	-	31.779
B1-2	m	YFP	-	22.825
B1-2	b	YFP	-	48.504
B1-2	bm	YFP	-	23.164
B1-2	bb	YFP	-	16.177
B2-1	0	YFP	-	22.286
B2-1	m	YFP	-	7.062
B2-1	b	YFP	-	6.825
B2-2	0	YFP	-	9.803
B2-2	m	YFP	-	7.73
B2-2	b	YFP	-	11.19
B4	m	YFP	-	30.386
B4	b	YFP	-	39.947
B4	mm	YFP	-	23.885
B4	mb	YFP	-	45.066
B4	bm	YFP	-	55.728
B4	bb	YFP	-	46.821
B4	mmm	YFP	-	16.015
B4	mmb	YFP	-	25.46
B4	mbm	YFP	-	35.784
B4	mhb	YFP	-	27.129
B4	bmm	YFP	-	47.147
B4	bmb	YFP	-	37.064

B4	bbm	YFP	-	41.76
B4	bbb	YFP	-	26.55
B4	bmmm	YFP	-	18.794
B4	bmbb	YFP	-	18.134
B4	bmbm	YFP	-	31.334
B4	bmbb	YFP	-	27.89
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B5	m	YFP	-	29.195
B5	b	YFP	-	40.256
B5	mm	YFP	-	19.877
B5	mb	YFP	-	68.166
B5	bm	YFP	-	41.067
B5	bb	YFP	-	50.925
B5	mmm	YFP	-	6.283
B5	mmb	YFP	-	14.533
B5	mbm	YFP	-	14.897
B5	mbb	YFP	-	3.736
B5	bmm	YFP	-	31.762
B5	bmb	YFP	-	40.744
B5	bbm	YFP	-	28.659
B5	bbb	YFP	-	43.841
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B6	m	YFP	-	33.366
B6	b	YFP	-	48.433
B6	mm	YFP	-	42.17
B6	mb	YFP	-	26.847
B6	bm	YFP	-	7.498
B6	bb	YFP	-	18.269
B6	mmm	YFP	-	17.121
B6	mmb	YFP	-	18.869
B6	mbm	YFP	-	23.124
B6	mbb	YFP	-	24.897
B6	bmm	YFP	-	26.466
B6	bmb	YFP	-	7.21
B6	bbm	YFP	-	25.837
B6	bbb	YFP	-	26.405
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B8	m	YFP	-	25.437

B8	b	YFP	-	31.503
B8	mm	YFP	-	24.208
B8	mb	YFP	-	31.595
B8	bm	YFP	-	20.028
B8	bb	YFP	-	36.281
B8	mmm	YFP	-	27.469
B8	mmb	YFP	-	14.316
B8	mbm	YFP	-	11.937
B8	mbb	YFP	-	18.406
B8	bmm	YFP	-	10.218
B8	bmb	YFP	-	17.447
B8	bbm	YFP	-	24.586
B8	bbb	YFP	-	38.297
B9-1	m	YFP	-	33.545
B9-1	b	YFP	-	34.311
B9-1	bm	YFP	-	25
B9-1	bb	YFP	-	20.441
B9-2	m	YFP	-	37.306
B9-2	b	YFP	-	14.127
B9-2	mm	YFP	-	40.081
B9-2	mb	YFP	-	17.051
B9-2	mb	YFP	-	19.942
B9-2	bb	YFP	-	17.141
06-A2	m	YFP	-	37.88
06-A2	b	YFP	-	51.361
06-A2	mm	YFP	-	14.87
06-A2	mb	YFP	-	14.028
06-A2	bm	YFP	-	9.097
06-A2	bb	YFP	-	14.812
06-A3	m	YFP	-	75.332
06-A3	b	YFP	-	37.416
06-A3	mm	YFP	-	13.226
06-A3	mb	YFP	-	6.283
06-A3	bm	YFP	-	6.33
06-A3	bb	YFP	-	10.624

06-A4A	m	YFP	-	26.083
06-A4A	b	YFP	-	6.511
06-A4B	m	YFP	-	30.958
06-A4B	b	YFP	-	15.627
06-A6	m	YFP	-	10.739
06-A6	b	YFP	-	10.839
06-A8-1	m	YFP	-	55.281
06-A8-1	b	YFP	-	33.415
06-A8-2	m	YFP	-	29.931
06-A8-2	b	YFP	-	37.941
06-C2-1	m	YFP	-	57.724
06-C2-1	b	YFP	-	75.162
06-C2-2	m	YFP	-	40.712
06-C2-2	b	YFP	-	54.635
06-C5	0	YFP	-	51.58
06-C5	m	YFP	-	79.208
06-C5	b	YFP	-	78.208
06-C5	mm	YFP	-	45.926
06-C5	mb	YFP	-	41.368
06-C5	bm	YFP	-	62.305
06-C5	bb	YFP	-	43.929
06-B1-1	0	CFP	88.109	-
06-B1-1	m	CFP	65.242	-
06-B1-1	b	CFP	72.796	-
06-B1-2	0	CFP	111.553	-
06-B1-2	m	CFP	72.479	-
06-B1-2	b	CFP	83.71	-
06-B2	0	CFP	167.623	-
06-B2	m	CFP	52.678	-
06-B2	b	CFP	88.83	-
06-B3	0	CFP	82.106	-
06-B3	m	CFP	77.862	-
06-B3	b	CFP	62.383	-
06-B4	0	CFP	68.11	-
06-B4	m	CFP	74.151	-

06-B4	b	CFP	63.771	-
06-B5	0	CFP	71.223	-
06-B5	m	CFP	62.379	-
06-B5	b	CFP	93.05	-
06-B5	mm	CFP	54.877	-
06-B5	mb	CFP	34.635	-
06-B5	bm	CFP	32.213	-
06-B5	bb	CFP	32.888	-
06-B6	0	CFP	88.713	-
06-B6	m	CFP	75.811	-
06-B6	b	CFP	72.855	-
06-B6	mm	CFP	19.251	-
06-B6	mb	CFP	21.636	-
06-B7-1	0	CFP	118.317	-
06-B7-1	m	CFP	81.361	-
06-B7-1	b	CFP	70.087	-
06-B7-2	0	CFP	114.019	-
06-B7-2	m	CFP	66.133	-
06-B7-2	b	CFP	64.339	-
06-B7-2	mm	CFP	63.401	-
06-B7-2	mb	CFP	39.255	-
06-B7-3	0	CFP	72.816	-
06-B7-3	m	CFP	113.874	-
06-B7-3	b	CFP	55.945	-
06-B7-3	mm	CFP	51.424	-
06-B7-3	mb	CFP	18.639	-
06-B8	0	CFP	100.91	-
06-B8	m	CFP	73.697	-
06-B8	b	CFP	85.83	-
06-B8	mm	CFP	63.329	-
06-B8	mb	CFP	62.159	-
06-B9	0	CFP	97.975	-
06-B9	m	CFP	72.981	-
06-B9	b	CFP	76.745	-
06-B9	mm	CFP	75.785	-

06-B9	mb	CFP	63.683	-
06-B9	bm	CFP	65.464	-
06-B9	bb	CFP	63.843	-
06-B9	mmm	CFP	59.455	-
06-B9	mmb	CFP	40.464	-

MTW1-tagged protein segregation diploid cells:

These data are produced from a diploid strain (W7247) containing both *MTW1-YFP* and *MTW1-CFP*.

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
A1	m	CFP & YFP	221.095	109.431
A1	b	CFP & YFP	265.517	102.556
A1	mm	CFP & YFP	158.022	75.555
A1	mb	CFP & YFP	150.058	48.183
A1	bm	CFP & YFP	158.603	19.432
A1	bb	CFP & YFP	154.511	43.104
A1	mmm	CFP & YFP	203.11	79.482
A1	mmb	CFP & YFP	135.774	23.172
A1	mbm	CFP & YFP	84.897	10.718
A1	mbb	CFP & YFP	47.464	15.524
A2	0	CFP & YFP	140.372	129.939
A2	m	CFP & YFP	222.325	123.482
A2	b	CFP & YFP	223.81	129.631
A2	mm	CFP & YFP	257.907	86.674
A2	mb	CFP & YFP	198.079	43.372
A2	bm	CFP & YFP	149.052	18.336
A2	bb	CFP & YFP	224.033	176.599
A2	mmm	CFP & YFP	153.254	82.587
A2	mmb	CFP & YFP	128.431	59.949
A2	mbm	CFP & YFP	104.085	52.664
A2	mbb	CFP & YFP	110.448	69.463
A3	0	CFP & YFP	133.615	94.148
A3	m	CFP & YFP	181.208	68.616
A3	b	CFP & YFP	151.69	52.907
A3	mm	CFP & YFP	230.42	75.618
A3	mb	CFP & YFP	204.998	56.709
A3	bm	CFP & YFP	196.702	42.911
A3	bb	CFP & YFP	81.99	17.522
A3	mmm	CFP & YFP	98.668	0.979
A3	mmb	CFP & YFP	105.357	3.418
A4	0	CFP & YFP	137.235	97.895

A4	m	CFP & YFP	235.536	105.328
A4	b	CFP & YFP	144.018	54.62
A4	mm	CFP & YFP	145.951	43.604
A4	mb	CFP & YFP	201.181	57.674
A4	bm	CFP & YFP	119.834	57.127
A4	bb	CFP & YFP	123.08	45.101
A4	mmm	CFP & YFP	52.668	13.971
A4	mmb	CFP & YFP	121.325	46.499
A4	bmm	CFP & YFP	71.002	8.993
A4	bmb	CFP & YFP	27.027	17.206
A4	mbm	CFP & YFP	72.849	4.86
A4	mbb	CFP & YFP	64.238	4.981
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A5	0	CFP & YFP	172.047	132.65
A5	m	CFP & YFP	211.716	108.184
A5	b	CFP & YFP	174.343	142.55
A5	mm	CFP & YFP	143.707	57.941
A5	mb	CFP & YFP	101.926	46.876
A5	bm	CFP & YFP	151.768	35.82
A5	bb	CFP & YFP	168.198	75.549
A5	mmm	CFP & YFP	131.371	7.663
A5	mmb	CFP & YFP	102.02	13.754
A5	bmm	CFP & YFP	151.958	41.075
A5	bmb	CFP & YFP	133.665	24.093
A5	mbm	CFP & YFP	96.841	29.506
A5	mbb	CFP & YFP	35.748	2.442
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A6	0	CFP & YFP	151.771	101.755
A6	m	CFP & YFP	54.182	92.075
A6	b	CFP & YFP	69.373	74.559
A6	mm	CFP & YFP	63.863	39.636
A6	mb	CFP & YFP	171.589	60.608
A6	bm	CFP & YFP	70.77	23.43
A6	bb	CFP & YFP	155.448	48.145
A6	mmm	CFP & YFP	95.664	24.304
A6	mmb	CFP & YFP	117.48	59.485
A6	mbm	CFP & YFP	99.953	24.924

A6	mbb	CFP & YFP	85.224	4.781
A6	bmm	CFP & YFP	70.598	6.841
A6	bmb	CFP & YFP	16.706	6.639
A7	m	CFP & YFP	116.758	103.14
A7	b	CFP & YFP	157.686	158.87
A7	mm	CFP & YFP	203.126	67.137
A7	mb	CFP & YFP	120.747	27.501
A7	bm	CFP & YFP	133.704	50.107
A7	bb	CFP & YFP	127.827	74.743
A7	mmm	CFP & YFP	146.259	27.698
A7	mmb	CFP & YFP	160.086	10.461
A7	mbm	CFP & YFP	168.038	35.137
A7	mbb	CFP & YFP	94.309	7.374
A8	0	CFP & YFP	210.472	103.507
A8	m	CFP & YFP	50.31	42.187
A8	b	CFP & YFP	47.887	33.071
A8	mm	CFP & YFP	143.524	40
A8	mb	CFP & YFP	109.796	29.512
A8	bm	CFP & YFP	116.95	26.73
A8	bb	CFP & YFP	42.887	32.321
A8	mmm	CFP & YFP	140.738	34.964
A8	mmb	CFP & YFP	114.255	15.93
A8	mbm	CFP & YFP	88.72	27.454
A8	mbb	CFP & YFP	57.948	3.904
A9	0	CFP & YFP	161.7	95.794
A9	m	CFP & YFP	154.149	57.353
A9	b	CFP & YFP	177.873	54.703
A9	mm	CFP & YFP	61.487	35.732
A9	mb	CFP & YFP	137.033	58.123
A9	bm	CFP & YFP	83.308	22.371
A9	bb	CFP & YFP	131.526	44.609
A9	mmm	CFP & YFP	147.874	20.583
A9	mmb	CFP & YFP	147.853	12.99
A9	bmm	CFP & YFP	140.2	21.09
A9	bmb	CFP & YFP	80.596	4.317

B1	0	CFP & YFP	43.394	53.373
B1	m	CFP & YFP	95.73	18.084
B1	b	CFP & YFP	133.368	91.079
B1	bm	CFP & YFP	80.523	9.332
B1	bb	CFP & YFP	41.628	6.905
B2	0	CFP & YFP	322.473	102.801
B2	m	CFP & YFP	174.933	44.314
B2	b	CFP & YFP	213.827	37.145
B2	mm	CFP & YFP	138.616	14.217
B2	mb	CFP & YFP	164.911	16.646
B2	bm	CFP & YFP	165.103	23.537
B2	bb	CFP & YFP	126.901	23.342
B2	mmm	CFP & YFP	121.609	14.933
B2	mmb	CFP & YFP	140.254	13.425
B3	0	CFP & YFP	257.42	88.49
B3	m	CFP & YFP	157.018	23.601
B3	b	CFP & YFP	215.213	68.962
B3	mm	CFP & YFP	111.196	5.593
B3	mb	CFP & YFP	93.615	4.16
B3	bm	CFP & YFP	79.491	3.044
B3	bb	CFP & YFP	44.479	1.295
B3	mmm	CFP & YFP	116.363	6.543
B3	mmb	CFP & YFP	92.493	4.095
B3	bmm	CFP & YFP	90.687	4.037
B3	bmb	CFP & YFP	66.814	2.905
B3	mbm	CFP & YFP	110.497	7.515
B3	mhb	CFP & YFP	111.523	7.589
B4	0	CFP & YFP	91.53	90.706
B4	m	CFP & YFP	180.16	18.795
B4	b	CFP & YFP	215.806	19.821
B4	mm	CFP & YFP	68.438	30.909
B4	mb	CFP & YFP	127.732	50.346
B4	bm	CFP & YFP	57.695	11.603
B4	bb	CFP & YFP	163.001	67.747
B4	mmm	CFP & YFP	88.535	5.143

B4	mmb	CFP & YFP	92.402	14.998
B4	mbm	CFP & YFP	142.175	19.382
B4	mbb	CFP & YFP	137.175	27.42
B4	bmm	CFP & YFP	69.72	13.116
B4	bmb	CFP & YFP	84.52	30.476
B5	0	CFP & YFP	112.124	61.741
B5	m	CFP & YFP	58.387	51.723
B5	b	CFP & YFP	101.022	88.312
B5	mm	CFP & YFP	127.741	52.164
B5	mb	CFP & YFP	101.424	43.815
B5	bm	CFP & YFP	89.158	51.081
B5	bb	CFP & YFP	62.414	59.928
B5	mmm	CFP & YFP	134.737	9.598
B5	mmb	CFP & YFP	93.242	5.239
B5	mbm	CFP & YFP	127.882	10.985
B5	mbb	CFP & YFP	124.906	10.81
B5	bmm	CFP & YFP	86.299	6.429
B5	bmb	CFP & YFP	113.184	8.391
B5	bbm	CFP & YFP	75.907	5.668
B5	bbb	CFP & YFP	18.502	0.445
B6	0	CFP & YFP	142.181	130.117
B6	m	CFP & YFP	170.106	138.837
B6	b	CFP & YFP	153.741	154.214
B6	mm	CFP & YFP	147.132	121.598
B6	mb	CFP & YFP	145.265	143.655
B6	bm	CFP & YFP	151.161	84.98
B6	bb	CFP & YFP	155.699	85.747
B6	mmm	CFP & YFP	120.259	13.845
B6	mmb	CFP & YFP	75.309	7.479
B6	mbm	CFP & YFP	94.792	35.305
B6	mbb	CFP & YFP	111.034	34.058
B6	bmm	CFP & YFP	136.767	42.583
B6	bmb	CFP & YFP	101.261	24.84
B6	bbm	CFP & YFP	101.91	11.67
B6	bbb	CFP & YFP	104.71	12.707

B7	m	CFP & YFP	183.814	77.227
B7	b	CFP & YFP	114.248	78.025
B7	mm	CFP & YFP	183.478	87.743
B7	mb	CFP & YFP	133.136	46.942
B7	bm	CFP & YFP	162.296	49.955
B7	bb	CFP & YFP	99.389	38.805
B7	mmm	CFP & YFP	150.197	24.535
B7	mmb	CFP & YFP	153.366	35.168
B7	mbm	CFP & YFP	111.898	21.955
B7	mbb	CFP & YFP	64.498	20.97
B7	bmm	CFP & YFP	161.032	45.922
B7	bmb	CFP & YFP	86.535	13.908
B7	bmm	CFP & YFP	69.778	6.323
B7	bbb	CFP & YFP	54.895	6.252
B7	mmmm	CFP & YFP	154.788	24.658
B7	mmmb	CFP & YFP	197.392	38.244
B7	mmbm	CFP & YFP	159.434	10.174
B7	mmbb	CFP & YFP	122.448	4.07
B7	mbmm	CFP & YFP	93.586	10.694
B7	mbmb	CFP & YFP	53.128	8.875
B8	0	CFP & YFP	191.151	94.795
B8	m	CFP & YFP	63.45	68.465
B8	b	CFP & YFP	63.016	43.978
B8	mm	CFP & YFP	129.963	28.403
B8	mb	CFP & YFP	94.892	43.829
B8	bm	CFP & YFP	138.206	27.642
B8	bb	CFP & YFP	109.659	51.07
B8	mmm	CFP & YFP	151.53	40.829
B8	mmb	CFP & YFP	148.328	27.904
B8	mbm	CFP & YFP	2.06	1.068
B8	mbb	CFP & YFP	23.765	3.691
B8	bmm	CFP & YFP	121.739	7.98
B8	bmb	CFP & YFP	125.625	7.067
B8	mmmm	CFP & YFP	89.396	4.919
B8	mmmb	CFP & YFP	36.413	3.137

B9	m	CFP & YFP	33.815	21.95
B9	b	CFP & YFP	184.736	125.747
B9	mm	CFP & YFP	49.652	30.211
B9	mb	CFP & YFP	161.166	147.596
B9	bm	CFP & YFP	103.103	25.892
B9	bb	CFP & YFP	84.526	47.872
B9	mmm	CFP & YFP	68.602	28.387
B9	mmb	CFP & YFP	39.79	38.151
B9	mbm	CFP & YFP	99.606	41.433
B9	mbb	CFP & YFP	137.337	64.156
B9	bmm	CFP & YFP	160.524	28.582
B9	bmb	CFP & YFP	160.609	24.684
B9	bbm	CFP & YFP	124.982	28.93
B9	bbb	CFP & YFP	99.655	20.846
B9	mmmm	CFP & YFP	100.626	17.32
B9	mmmb	CFP & YFP	132.757	31.012
B9	mmbm	CFP & YFP	87.243	3.751
B9	mmbb	CFP & YFP	79.459	12.353
B9	mbmm	CFP & YFP	133.86	11.228
B9	mbmb	CFP & YFP	153.567	35.276
C1	m	CFP & YFP	111.325	62.147
C1	b	CFP & YFP	130.153	42.236
C1	mm	CFP & YFP	106.656	59.84
C1	mb	CFP & YFP	132.042	46.115
C1	bm	CFP & YFP	140.256	51.928
C1	bb	CFP & YFP	119.543	88.126
C1	mmm	CFP & YFP	149.883	72.129
C1	mmb	CFP & YFP	137.086	51.892
C1	mmmm	CFP & YFP	79.832	0
C1	mmmb	CFP & YFP	67.164	0
C1	mmbm	CFP & YFP	157.364	37.585
C1	mmbb	CFP & YFP	139.403	5.059
C3	0	CFP & YFP	97.929	42.689
C3	m	CFP & YFP	73.503	30.905
C3	b	CFP & YFP	117.796	85.809

C3	mm	CFP & YFP	134.022	29.487
C3	mb	CFP & YFP	117.831	35.209
C3	bm	CFP & YFP	167.607	44.487
C3	bb	CFP & YFP	164.065	66.325
C3	mmm	CFP & YFP	61.968	4.851
C3	mmb	CFP & YFP	38.934	2.956
C3	bmm	CFP & YFP	112.603	24.382
C3	bmb	CFP & YFP	100.349	8.849
C5	0	CFP & YFP	77.942	80.006
C5	m	CFP & YFP	227.865	74.277
C5	b	CFP & YFP	176.571	48.752
C5	mm	CFP & YFP	148.263	42.486
C5	mb	CFP & YFP	181.152	65.791
C5	bm	CFP & YFP	166.436	37.697
C5	bb	CFP & YFP	78.218	5.854
C6	0	CFP & YFP	70.4	52.235
C6	m	CFP & YFP	73.624	44.007
C6	b	CFP & YFP	90.196	112.935
C6	mm	CFP & YFP	141.314	105.253
C6	mb	CFP & YFP	139.955	99.615
C6	bm	CFP & YFP	117.049	49.509
C6	bb	CFP & YFP	114.677	72.243
C6	mmm	CFP & YFP	108.455	6.437
C6	mmb	CFP & YFP	67.095	3.93
C6	mbm	CFP & YFP	82.749	5.257
C6	mhb	CFP & YFP	93.915	6.356
C6	bmm	CFP & YFP	104.758	31.05
C6	bmb	CFP & YFP	98.883	46.997
C6	bbm	CFP & YFP	126.541	42.811
C6	bbb	CFP & YFP	108.578	10.007
C7	m	CFP & YFP	129.98	67.738
C7	b	CFP & YFP	150.544	69.959
C7	mm	CFP & YFP	199.197	49.79
C7	mb	CFP & YFP	100.436	22.769
C7	bm	CFP & YFP	124.444	20.373

C7	bb	CFP & YFP	54.077	18.699
C7	mmm	CFP & YFP	110.078	4.308
C7	mmb	CFP & YFP	110.473	6.479
C7	mbm	CFP & YFP	114.217	21.003
C7	mbb	CFP & YFP	69.234	1.331
C7	bmm	CFP & YFP	117.943	3.441
C7	bmb	CFP & YFP	68.734	0.518
C7	bbm	CFP & YFP	77.146	1.764
C7	bbb	CFP & YFP	43.554	0.812
C8	0	CFP & YFP	147.196	82.22
C8	m	CFP & YFP	190.518	86.837
C8	b	CFP & YFP	179.587	88.29
C8	mm	CFP & YFP	157.503	65.162
C8	mb	CFP & YFP	104.457	31.453
C8	bm	CFP & YFP	106.151	31.833
C8	bb	CFP & YFP	110.12	33.044
C8	mmm	CFP & YFP	53.582	9.95
C8	mmb	CFP & YFP	94.839	13.272
C8	mbm	CFP & YFP	129.352	26.054
C8	mbb	CFP & YFP	95.473	7.546
C9	m	CFP & YFP	125.713	70.439
C9	b	CFP & YFP	193.138	114.497
C9	mm	CFP & YFP	170.242	37.111
C9	mb	CFP & YFP	165.065	74.584
C9	bm	CFP & YFP	144.5	56.69
C9	bb	CFP & YFP	112.123	74.813
C9	mmm	CFP & YFP	146.184	3.421
C9	mmb	CFP & YFP	85.833	21.904
C9	mbm	CFP & YFP	130.959	22.369
C9	mbb	CFP & YFP	122.944	43.366
C9	bmm	CFP & YFP	107.029	12.94
C9	bmb	CFP & YFP	83.63	15.124
C9	bbm	CFP & YFP	120.763	32.314
C9	bbb	CFP & YFP	79.882	4.403
06_A1	0	CFP & YFP	69.825	33.291

06_A1	m	CFP & YFP	47.818	28.438
06_A1	b	CFP & YFP	32.273	25.658
06_A1	mm	CFP & YFP	28.203	4.151
06_A1	mb	CFP & YFP	25.993	0.788
06_A1	bm	CFP & YFP	36.971	4.756
06_A1	bb	CFP & YFP	22.195	5.956
06_A7-1	0	CFP & YFP	54.025	22.594
06_A7-1	m	CFP & YFP	27.156	6.37
06_A7-1	b	CFP & YFP	45.044	18.003
06_A7-1	mm	CFP & YFP	26.514	7.522
06_A7-1	mb	CFP & YFP	19.211	8.791
06_A7-1	bm	CFP & YFP	34.372	4.524
06_A7-1	bb	CFP & YFP	17.867	0
06_A7-2	0	CFP & YFP	50.226	18.333
06_A7-2	m	CFP & YFP	30.205	25.179
06_A7-2	b	CFP & YFP	44.688	17.361
06_A7-2	mm	CFP & YFP	23.504	0.428
06_A7-2	mb	CFP & YFP	14.944	1.038
06_A7-2	bm	CFP & YFP	27.093	2.72
06_A7-2	bb	CFP & YFP	39.488	6.14
06_A9	0	CFP & YFP	55.232	27.868
06_A9	m	CFP & YFP	57.53	29
06_A9	b	CFP & YFP	53.437	34.036
06_A9	mm	CFP & YFP	23.581	1.363
06_A9	mb	CFP & YFP	30.607	5.402
06_A2-1	0	CFP & YFP	60.225	22.334
06_A2-1	m	CFP & YFP	19.69	1.181
06_A2-1	b	CFP & YFP	15.124	3.607
06_A2-1	mm	CFP & YFP	34.634	8.943
06_A2-1	mb	CFP & YFP	37.194	10.568
06_A2-2	0	CFP & YFP	70.605	19.404
06_A2-2	m	CFP & YFP	18.639	2.195
06_A2-2	b	CFP & YFP	19.577	6.479
06_A3	0	CFP & YFP	64.475	40.938
06_A3	m	CFP & YFP	33.684	27.406

06_A3	b	CFP & YFP	32.283	29.994
06_A3	mm	CFP & YFP	33.434	4.795
06_A3	mb	CFP & YFP	23.235	2.474
06_A4-1	0	CFP & YFP	63.157	25.878
06_A4-1	m	CFP & YFP	31.891	13.646
06_A4-1	b	CFP & YFP	20.27	10.313
06_A4-2	0	CFP & YFP	38.796	17.745
06_A4-2	m	CFP & YFP	28.58	11.448
06_A4-2	b	CFP & YFP	27.233	7.856
06_A5-1	0	CFP & YFP	55.831	35.382
06_A5-1	m	CFP & YFP	22.718	6.285
06_A5-1	b	CFP & YFP	23.765	14.718
06_A5-1	mm	CFP & YFP	23	7.086
06_A5-1	mb	CFP & YFP	32.804	11.228
06_A5-1	bm	CFP & YFP	32.612	16.641
06_A5-1	bb	CFP & YFP	18.675	6.16
06_A5-2	0	CFP & YFP	54.157	21.126
06_A5-2	m	CFP & YFP	26.553	5.245
06_A5-2	b	CFP & YFP	21.435	9.356
06_A5-2	bm	CFP & YFP	26.313	4.501
06_A5-2	bb	CFP & YFP	29.2	7.519

MTW1-tagged protein segregation in spores:

These data are produced from spores that are derived from a diploid strain W7247 (*MTW1-YFP/MTW1-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
A	0	YFP	60.811	15.333
A	m	YFP	69.285	17.429
A	b	YFP	46.85	13.021
A	mm	YFP	44.663	15.059
A	mb	YFP	32.084	12.081
A	mmm	YFP	63.07	4.994
A	mmb	YFP	14.242	11.567
B	0	CFP	73.731	7.733
B	m	CFP	129.215	8.518
B	b	CFP	46.661	3.064
B	mm	CFP	113.503	4.635
B	mb	CFP	93.417	6.639
B	bm	CFP	61.714	1.714
B	bb	CFP	31.383	4.804
C	0	YFP	93.046	28.996
C	m	YFP	30.364	6.005
C	b	YFP	13.319	6.613
C	mm	YFP	32.937	7.744
C	mb	YFP	38.984	4.563
D	m	YFP	135.26	27.687
D	b	YFP	72.842	12.725
D	mm	YFP	16.153	7.886
E	0	YFP	96.994	40.014
E	m	YFP	106.73	21.134
E	b	YFP	39.021	11.54
E	bm	YFP	25.352	4.887
E	bb	YFP	20.559	8.609
F	0	YFP	105.983	30.89
F	m	YFP	100.159	21.746
F	b	YFP	20.571	1.617
F	mm	YFP	70.153	7.558

F	mb	YFP	30.167	3.829
F	bm	YFP	26.388	4.037
F	bb	YFP	39.7	7.45
G	0	YFP	212.093	22.127
G	m	YFP	132.971	10.74
G	b	YFP	27.03	4.943
H	0	YFP	155.332	8.894
H	m	YFP	61.975	2.655
H	b	YFP	24.316	4.469
I	0	YFP	36.86	12.628
I	m	YFP	40.943	18.846
I	b	YFP	23.664	14.592
J	0	YFP	33.763	4.938
J	m	YFP	34.259	4.646
J	b	YFP	45.694	4.252
K	0	CFP	147.69	12.027
K	m	CFP	96.179	8.045
K	b	CFP	43.87	3.002
K	mm	CFP	155.102	13.808
K	mb	CFP	55.09	2.593
K	bm	CFP	27.676	0.989
K	bb	CFP	27.057	0
L	0	CFP	106.099	7.257
L	m	CFP	122.696	6.105
L	b	CFP	26.866	1.007
L	mm	CFP	92.652	9.672
L	mb	CFP	27.31	3.009
L	bm	CFP	20.467	0
L	bb	CFP	22.721	0
L	mbm	CFP	33.468	0.165
L	mbb	CFP	32.281	0
M	0	CFP	116.349	6.532
M	m	CFP	103.53	5.643
M	b	CFP	39.802	1.374
M	bm	CFP	40.973	6.429

M	bb	CFP	38.65	0.021
N	0	CFP	109.498	14.179
N	m	CFP	45.803	0.183
N	b	CFP	46.87	3.002
N	mm	CFP	38.134	1.378
N	mb	CFP	26.486	0
O	0	CFP	145.204	14.955
O	m	CFP	84.734	3.812
O	b	CFP	48.864	6.661
O	bm	CFP	56.259	3.821
O	bb	CFP	47.484	11.769
P	0	CFP	182.415	14.605
P	m	CFP	75.053	5.527
P	b	CFP	84.638	1.451
P	bm	CFP	50.276	1.585
P	bb	CFP	44.971	6.537
Q	0	CFP	86.655	7.138
Q	m	CFP	68.903	6.873
Q	b	CFP	55.758	3.757
R	0	CFP	137.396	9.401
R	m	CFP	99.35	7.497
R	b	CFP	41.54	4.657
R	mm	CFP	87.036	5.501
R	mb	CFP	76.107	1.236
S	0	CFP	58.076	14.846
S	m	CFP	96.367	9.084
S	b	CFP	14.146	1.017
S	mm	CFP	62.072	5.814
S	mb	CFP	55.482	5.092
T	0	YFP	103.635	13.98
T	m	YFP	89.724	17.868
T	b	YFP	25.201	8.494
U	0	CFP	115.742	12.578
U	m	CFP	39.989	1.742
U	b	CFP	28.657	0.763

V	0	YFP	80.922	17.233
V	m	YFP	76.699	6.21
V	b	YFP	59.505	12.521
V	mm	YFP	60.676	10.225
V	mb	YFP	28.929	0
W	0	YFP	62.824	21.753
W	m	YFP	24.827	8.911
W	b	YFP	104.511	11.194
X	0	YFP	101.007	72.266
X	m	YFP	148.96	6.415
X	b	YFP	68.396	28.058
Y	0	CFP	197.336	35.123
Y	m	CFP	167.712	5.841
Y	b	CFP	49.653	0
Z	0	YFP	51.015	40.957
Z	m	YFP	67.186	20.618
Z	b	YFP	27.767	14.489
Z	mm	YFP	85.245	24.315
Z	mb	YFP	11.822	19.69
Z	bm	YFP	15.646	3.599
Z	bb	YFP	14.383	6.999
AA	0	CFP	161.575	17.955
AA	m	CFP	62.216	5.558
AA	b	CFP	40.862	5.938
AB	0	YFP	106.104	78.539
AB	m	YFP	53.325	48.071
AB	b	YFP	56.979	11.278
AC	0	YFP	99.824	55.046
AC	m	YFP	48.871	24.964
AC	b	YFP	74.814	5.621
AD	0	CFP	104.855	29.619
AD	m	CFP	92.527	8.736
AD	b	CFP	15.19	11.101
AD	mm	CFP	28.421	7.138
AD	mb	CFP	33.91	4.658

AE	m	YFP	124.089	43.068
AE	b	YFP	49.934	34.094
AE	mm	YFP	158.336	25.044
AE	mb	YFP	63.547	36.626
AE	bm	YFP	44.649	3.568
AE	bb	YFP	0	7.595
AE	mbm	YFP	153.613	31.76
AE	mbb	YFP	85.48	24.976
AE	bmm	YFP	96.173	29.284
AE	bmb	YFP	62.154	18.574
AE	bbm	YFP	90.184	22.291
AE	bbb	YFP	57.397	16.339
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AF	0	YFP	81.024	35.21
AF	m	YFP	138.369	17.072
AF	b	YFP	69.558	12.422
AF	mm	YFP	109.719	39.88
AF	mb	YFP	65.941	18.584
AF	bm	YFP	114.371	132.401
AF	bb	YFP	67.857	35.386
AF	mmm	YFP	150.706	12.01
AF	mmb	YFP	62.423	20.503
AF	mbm	YFP	28.676	5.382
AF	mbb	YFP	16.377	1.821
AF	bmm	YFP	72.769	7.165
AF	bmb	YFP	72.343	10.646
AF	bbm	YFP	34.979	3.393
AF	bbb	YFP	14.364	1.848
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AG	0	YFP	101.24	30.666
AG	m	YFP	92.647	69.691
AG	b	YFP	74.734	63.09
AG	mm	YFP	120.465	42.675
AG	mb	YFP	143.558	83.645
AG	bm	YFP	100.701	56.149
AG	bb	YFP	83.037	42.118
AG	mmm	YFP	131.156	46.347

AG	mmb	YFP	143.408	30.742
AG	mbm	YFP	140.345	32.819
AG	mbb	YFP	134.218	29.038
AG	bmm	YFP	111.557	33.342
AG	bmb	YFP	61.775	23.858
AG	bbm	YFP	97.955	15.463
AG	bbb	YFP	66.509	20.219
AH	m	YFP	114.994	76.518
AH	b	YFP	91.634	95.872
AH	mm	YFP	154.135	105.637
AH	mb	YFP	149.376	109.745
AH	bm	YFP	131.966	90.837
AH	bb	YFP	98.507	61.723
AH	mmm	YFP	209.145	76.526
AH	mmb	YFP	111.79	24.884
AH	mbm	YFP	155.018	32.499
AH	mbb	YFP	151.126	72.109
AH	bmm	YFP	143.223	60.778
AH	bmb	YFP	124.09	50.613
AH	bbm	YFP	112.358	30.313
AH	bbb	YFP	75.725	26.251
AI	0	YFP	64.753	74.792
AI	m	YFP	100.88	35.832
AI	b	YFP	81.071	38.251
AJ	0	YFP	49.118	72.586
AJ	m	YFP	63.415	51.4
AJ	b	YFP	59.134	46.678
AJ	mm	YFP	18.534	36.574
AJ	mb	YFP	2.22	47.68
AJ	mmm	YFP	102.391	27.824
AJ	mmb	YFP	77.845	24.469
AK	m	CFP	333.205	11.905
AK	b	CFP	174.577	4.806
AK	mm	CFP	235.077	13.571
AK	mb	CFP	202.059	5.648

AK	bm	CFP	239.299	8.275
AK	bb	CFP	168.305	6.554
AK	mmm	CFP	847.291	52.142
AK	mmb	CFP	141.011	8.865
AK	mbm	CFP	162.489	8.468
AK	mbb	CFP	182.429	11.279
AK	bmm	CFP	318.852	8.773
AK	bmb	CFP	154.461	10.153
AK	bbm	CFP	150.597	10.572
AK	bbb	CFP	142.279	8.887
AL	0	CFP	146.767	17.028
AL	m	CFP	91.236	1.465
AL	b	CFP	257.543	5.284
AL	mm	CFP	168.175	17.063
AL	mb	CFP	151.046	14.423
AL	bm	CFP	164.218	5.997
AL	bb	CFP	176.773	10.786
AL	mmm	CFP	182.62	6.964
AL	mmb	CFP	135.3	0.685
AL	bmm	CFP	136.198	11.952
AL	bmb	CFP	158.232	14.911
AL	mmmm	CFP	154.984	13.11
AL	mmmb	CFP	148.414	13.969
AM	0	YFP	70.046	102.224
AM	m	YFP	54.772	103.664
AM	b	YFP	10.073	60.259
AM	mm	YFP	102.302	82.459
AM	mb	YFP	101.554	36.385
AM	bm	YFP	64.131	43.931
AM	bb	YFP	52.694	43.27
AM	mmm	YFP	130.835	71.272
AM	mmb	YFP	125.386	36.195
AM	mbm	YFP	92.928	39.077
AM	mbb	YFP	88.592	33.076
AM	bmm	YFP	93.386	21.666

AM	bmb	YFP	69.226	22.498
AN	0	YFP	154.916	59.634
AN	m	YFP	87.589	77.51
AN	b	YFP	65.945	35.606
AN	mm	YFP	142.238	27.566
AN	mb	YFP	60.178	71.141
AN	bm	YFP	76.922	13.144
AN	bb	YFP	90.725	92.16
AN	mmm	YFP	120.192	27.112
AN	mmb	YFP	123.886	34.34
AN	mbm	YFP	99.92	25.916
AN	mbb	YFP	87.034	9.479
AN	bmm	YFP	109.727	28.485
AN	bmb	YFP	67.816	25.534
AN	bbm	YFP	127.72	43.441
AN	bbb	YFP	119.597	28.615
AO	0	CFP	340.894	39.654
AO	m	CFP	358.629	34.486
AO	b	CFP	224.16	18.71
AO	mm	CFP	218.19	13.275
AO	mb	CFP	212.911	18.672
AO	bm	CFP	172.667	3.069
AO	bb	CFP	128.124	3.828
AP	0	CFP	258.998	23.224
AP	m	CFP	318.875	25.137
AP	b	CFP	88.961	17.519
AP	mm	CFP	236.298	19.098
AP	mb	CFP	90.521	12.781
AP	bm	CFP	134.93	12.817
AP	bb	CFP	62.967	24.173
AP	mmm	CFP	231.46	8.342
AP	mmb	CFP	119.378	9.41
AQ	0	CFP	61.265	11.352
AQ	m	CFP	79.286	1.416
AQ	b	CFP	78.809	4.499

AQ	mm	CFP	116.881	12.604
AQ	mb	CFP	66.842	7.634
AQ	bm	CFP	81.888	4.629
AQ	bb	CFP	158.263	16.916
AQ	mmm	CFP	258.596	11.331
AQ	mmb	CFP	58.734	13.325
AQ	mbm	CFP	24.331	2.136
AQ	mbb	CFP	16.667	1.827
AQ	bmm	CFP	65.11	4.02
AQ	bmb	CFP	59.204	4.018
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AR	0	YFP	76.377	35.874
AR	m	YFP	121.831	70.818
AR	b	YFP	83.304	51.661
AR	mm	YFP	134.522	38.086
AR	mb	YFP	73.703	23.822
AR	bm	YFP	79.768	32.833
AR	bb	YFP	66.079	23.161
AR	mmm	YFP	185.284	18.551
AR	mmb	YFP	120.497	2.469
AR	bmm	YFP	104.052	0.876
AR	bmb	YFP	86.823	1.662
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AS	0	CFP	85.236	5.964
AS	m	CFP	174.062	7.674
AS	b	CFP	180.62	9.869
AS	mm	CFP	91.037	7.27
AS	mb	CFP	109.092	2.917
AS	bm	CFP	136.183	5.023
AS	bb	CFP	98.294	4.233
AS	mmm	CFP	68.605	1.043
AS	mmb	CFP	44.509	0
AS	mbm	CFP	116.013	4.679
AS	mbb	CFP	91.093	6.679
AS	bmm	CFP	125.093	4.681
AS	bmb	CFP	136.303	4.081
AS	mmmm	CFP	126.82	6.051

AS	mmmb	CFP	73.284	2.876
AT	0	CFP	169.457	18.095
AT	m	CFP	216.264	6.871
AT	b	CFP	180.948	11.348
AT	mm	CFP	60.632	3.603
AT	mb	CFP	40.237	2.969
AT	bm	CFP	58.601	4.144
AT	bb	CFP	59.892	6.01
AT	mmm	CFP	118.782	1.195
AT	mmb	CFP	113.515	7.557
AT	mbm	CFP	78.749	6.577
AT	mbb	CFP	78.446	9.126

HTA1-tagged protein segregation in spores:

These data are produced from spores that are derived from a diploid strain W7912 (*HTA1-YFP/HTA1-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
HTA1-1	0	YFP	27.08	107.564
HTA1-1	m	YFP	14.623	75.695
HTA1-1	b	YFP	15.831	85.677
HTA1-1	mm	YFP	8.993	60.768
HTA1-1	mb	YFP	11.161	80.754
HTA1-1	bm	YFP	10.192	70.779
HTA1-1	bb	YFP	10.123	70.925
HTA1-1	mmm	YFP	6.481	39.806
HTA1-1	mmb	YFP	6.382	41.084
HTA1-1	mbm	YFP	8.053	49.993
HTA1-1	mbb	YFP	7.988	52.28
HTA1-1	bmm	YFP	5.702	35.25
HTA1-1	bmb	YFP	6.572	39.323
HTA1-1	bbm	YFP	6.147	33.771
HTA1-1	bbb	YFP	7.393	39.335
HTA1-2	0	CFP	108.099	58.357
HTA1-2	m	CFP	53.569	19.143
HTA1-2	b	CFP	63.633	23.138
HTA1-2	mm	CFP	45.819	9.944
HTA1-2	mb	CFP	56.367	12.447
HTA1-2	bm	CFP	52.294	11.651
HTA1-2	bb	CFP	61.972	14.095
HTA1-2	mmm	CFP	44.667	7.965
HTA1-2	mmb	CFP	50.265	8.974
HTA1-2	mbm	CFP	45.152	8.317
HTA1-2	mbb	CFP	57.131	9.703
HTA1-2	bmm	CFP	44.505	7.396
HTA1-2	bmb	CFP	55.75	9.771
HTA1-2	bbm	CFP	48.606	9.626
HTA1-2	bbb	CFP	55.138	11.118
HTA1-3	0	YFP	35.934	190.082

HTA1-3	m	YFP	13.462	116.35
HTA1-3	b	YFP	10.216	104.311
HTA1-3	mm	YFP	7.083	73.187
HTA1-3	mb	YFP	6.327	74.639
HTA1-3	bm	YFP	5.268	74.898
HTA1-3	bb	YFP	6.632	93.624
HTA1-3	mmm	YFP	3.49	43.811
HTA1-3	mmb	YFP	4.717	57.493
HTA1-3	mbm	YFP	3.993	60.023
HTA1-3	mbb	YFP	4.315	65.417
HTA1-3	bmm	YFP	4.831	79.875
HTA1-3	bmb	YFP	4.067	75.468
HTA1-3	bbm	YFP	4.404	71.604
HTA1-3	bbb	YFP	4.929	83.126
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HTA1-4	0	CFP	79.707	60.786
HTA1-4	m	CFP	61.333	31.52
HTA1-4	b	CFP	63.322	32.941
HTA1-4	mm	CFP	52.418	13.182
HTA1-4	mb	CFP	65.78	17.574
HTA1-4	bm	CFP	55.316	17.725
HTA1-4	bb	CFP	64.094	19.984
HTA1-4	mmm	CFP	42.5505	4.3445
HTA1-4	mmb	CFP	69.499	6.167
HTA1-4	mbm	CFP	36.06	9.097
HTA1-4	mbb	CFP	45.178	10.958
HTA1-4	bmm	CFP	32.2855	5.8005
HTA1-4	bmb	CFP	60.216	11.754
HTA1-4	bbm	CFP	38.823	10.623
HTA1-4	bbb	CFP	37.693	9.878

ASK1-tagged protein segregation in haploid cells:

These data are produced from two haploid strains, J1501 (*ASK1-YFP*) and J1502 (*ASK1-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
Ask1-A1	m	CFP	4242.44	-
Ask1-A1	b	CFP	3267.77	-
Ask1-A1	mm	CFP	1423.659	-
Ask1-A1	mb	CFP	1791.549	-
Ask1-A1	bm	CFP	1752.839	-
Ask1-A1	bb	CFP	1911.209	-
Ask1-A1	mmm	CFP	794.401	-
Ask1-A1	mmb	CFP	852.881	-
Ask1-A1	mbm	CFP	1136.531	-
Ask1-A1	mbb	CFP	1661.441	-
Ask1-A1	bmm	CFP	1259.991	-
Ask1-A1	bmb	CFP	1328.941	-
Ask1-A1	bbm	CFP	916.648	-
Ask1-A1	bbb	CFP	825.718	-
Ask1-A1	mmmm	CFP	262.385	-
Ask1-A1	mmmb	CFP	1033.718	-
Ask1-A2	0	CFP	3656.896	-
Ask1-A2	m	CFP	1754.368	-
Ask1-A2	b	CFP	2423.748	-
Ask1-A2	mm	CFP	1226.256	-
Ask1-A2	mb	CFP	1889.256	-
Ask1-A2	bm	CFP	1482.93	-
Ask1-A2	bb	CFP	853.37	-
Ask1-A2	mmm	CFP	799.01	-
Ask1-A2	mmb	CFP	758.62	-
Ask1-A3	0	CFP	5007.669	-
Ask1-A3	m	CFP	2712.793	-
Ask1-A3	b	CFP	2463.713	-
Ask1-A3	mm	CFP	737.273	-
Ask1-A3	mb	CFP	1840.093	-
Ask1-A4	0	CFP	1751.108	-

Ask1-A4	m	CFP	2896.158	-
Ask1-A4	b	CFP	2633.788	-
Ask1-A4	mm	CFP	2085.132	-
Ask1-A4	mb	CFP	1358.672	-
Ask1-A4	bm	CFP	1397.382	-
Ask1-A4	bb	CFP	1352.272	-
Ask1-A4	mmm	CFP	965.584	-
Ask1-A4	mmb	CFP	1100.574	-
Ask1-A4	mbm	CFP	1140.504	-
Ask1-A4	mbb	CFP	996.594	-
Ask1-A4	bmm	CFP	573.315	-
Ask1-A4	bmb	CFP	785.143	-
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Ask1-A5	0	CFP	2201.122	-
Ask1-A5	m	CFP	3047.073	-
Ask1-A5	b	CFP	1834.663	-
Ask1-A5	mm	CFP	1495.052	-
Ask1-A5	mb	CFP	1622.772	-
Ask1-A5	bm	CFP	1274.192	-
Ask1-A5	bb	CFP	1781.632	-
Ask1-A5	mmm	CFP	439.709	-
Ask1-A5	mmb	CFP	563.871	-
Ask1-A5	bmm	CFP	411.429	-
Ask1-A5	bmb	CFP	692.055	-
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Ask1-A6	0	CFP	3763.793	-
Ask1-A6	m	CFP	2841.097	-
Ask1-A6	b	CFP	2787.107	-
Ask1-A6	mm	CFP	1413.839	-
Ask1-A6	mb	CFP	1205.519	-
Ask1-A6	bm	CFP	1122.719	-
Ask1-A6	bb	CFP	1676.379	-
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Ask1-A7	0	CFP	3981.795	-
Ask1-A7	m	CFP	1773.214	-
Ask1-A7	b	CFP	2322.154	-
Ask1-A7	mm	CFP	1508.33	-
Ask1-A7	mb	CFP	1683.32	-

Ask1-A7	bm	CFP	1198.888	-
Ask1-A7	bb	CFP	1415.248	-
Ask1-A7	mmm	CFP	481.566	-
Ask1-A7	mmb	CFP	858.278	-
Ask1-A8	0	CFP	1953.751	-
Ask1-A8	m	CFP	1937.835	-
Ask1-A8	b	CFP	2474.795	-
Ask1-A8	mm	CFP	1394.887	-
Ask1-A8	mb	CFP	905.197	-
Ask1-A9	m	CFP	2688.671	-
Ask1-A9	b	CFP	4797.261	-
Ask1-A9	mm	CFP	2319.443	-
Ask1-A9	mb	CFP	3349.873	-
Ask1-A9	bm	CFP	2274.113	-
Ask1-A9	bb	CFP	5623.986	-
Ask1-A9	mmm	CFP	779.687	-
Ask1-A9	mmb	CFP	1180.377	-
Ask1-A9	mbm	CFP	932.277	-
Ask1-A9	mhb	CFP	1087.717	-
Ask1-B2	0	CFP	3739.256	-
Ask1-B2	m	CFP	3594.784	-
Ask1-B2	b	CFP	2267.254	-
Ask1-B2	mm	CFP	1831.191	-
Ask1-B2	mb	CFP	1908.021	-
Ask1-B2	bm	CFP	1600.541	-
Ask1-B2	bb	CFP	1467.021	-
Ask1-B2	mmm	CFP	444.248	-
Ask1-B2	mmb	CFP	963.105	-
Ask1-B2	mbm	CFP	440.799	-
Ask1-B2	mhb	CFP	1265.205	-
Ask1-B2	bmm	CFP	334.818	-
Ask1-B2	bmb	CFP	310.068	-
Ask1-B2	mmmm	CFP	324.201	-
Ask1-B2	mmmb	CFP	189.762	-
Ask1-B4	0	CFP	582.088	-

Ask1-B4	m	CFP	1375.761	-
Ask1-B4	b	CFP	1323.791	-
Ask1-B4	mm	CFP	1090.545	-
Ask1-B4	mb	CFP	870.865	-
Ask1-B4	bm	CFP	1008.252	-
Ask1-B4	bb	CFP	925.972	-
Ask1-B4	mmm	CFP	915.585	-
Ask1-B4	mmb	CFP	860.105	-
Ask1-B4	mbm	CFP	522.151	-
Ask1-B4	mbb	CFP	562.403	-
Ask1-B4	bmm	CFP	644.009	-
Ask1-B4	bmb	CFP	949.145	-
Ask1-B4	bbm	CFP	498.378	-
Ask1-B4	bbb	CFP	302.75	-
Ask1-B4	bmmm	CFP	346.684	-
Ask1-B4	bmbb	CFP	390.654	-
Ask1-B5	0	CFP	5070.357	-
Ask1-B5	m	CFP	2189.688	-
Ask1-B5	b	CFP	1594.968	-
Ask1-B7	m	CFP	3511.744	-
Ask1-B7	b	CFP	4010.064	-
Ask1-B8	m	CFP	2518.917	-
Ask1-B8	b	CFP	3540.497	-
Ask1-B8	mm	CFP	1886.857	-
Ask1-B8	mb	CFP	2366.047	-
Ask1-B8	bm	CFP	1188.727	-
Ask1-B8	bb	CFP	2490.437	-
Ask1-B9	0	CFP	5594.604	-
Ask1-B9	m	CFP	1765.847	-
Ask1-B9	b	CFP	1640.167	-
Ask1-B9	mm	CFP	1902.855	-
Ask1-B9	mb	CFP	1403.305	-
Ask1-C1	0	YFP	-	454.153
Ask1-C1	m	YFP	-	403.185
Ask1-C1	b	YFP	-	334.95

Ask1-C3	0	YFP	-	422.415
Ask1-C3	m	YFP	-	342.565
Ask1-C3	b	YFP	-	254.333
Ask1-C4	m	YFP	-	257.727
Ask1-C4	b	YFP	-	281.052
Ask1-C4	bm	YFP	-	111.111
Ask1-C4	bb	YFP	-	87.124
Ask1-C4	bmm	YFP	-	87.843
Ask1-C4	bmb	YFP	-	47.645
Ask1-C5	m	YFP	-	367.808
Ask1-C5	b	YFP	-	421.728
Ask1-C7	0	YFP	-	497.497
Ask1-C7	m	YFP	-	381.133
Ask1-C7	b	YFP	-	352.607
Ask1-C8	0	YFP	-	536.518
Ask1-C8	m	YFP	-	264.974
Ask1-C8	b	YFP	-	358.486
Ask1-D1	m	YFP	-	628.122
Ask1-D1	b	YFP	-	741.072
Ask1-D1	mm	YFP	-	293.192
Ask1-D1	mb	YFP	-	284.301
Ask1-D1	bm	YFP	-	178.405
Ask1-D1	bb	YFP	-	123.694
Ask1-D1	mmm	YFP	-	70.938
Ask1-D1	mmb	YFP	-	50.355
Ask1-D1	mbm	YFP	-	86.556
Ask1-D1	mbb	YFP	-	50.654
Ask1-D1	bmm	YFP	-	114.53
Ask1-D1	bmb	YFP	-	150.751
Ask1-D1	bbm	YFP	-	82.167
Ask1-D1	bbb	YFP	-	148.252
Ask1-D2	0	YFP	-	511.347
Ask1-D2	m	YFP	-	405.667
Ask1-D2	b	YFP	-	221.273
Ask1-D2	mm	YFP	-	183.079

Ask1-D2	mb	YFP	-	190.092
Ask1-D3	0	YFP	-	1047.735
Ask1-D3	m	YFP	-	291.826
Ask1-D3	b	YFP	-	443.768
Ask1-D3	mm	YFP	-	133.256
Ask1-D3	mb	YFP	-	70.671
Ask1-D4	m	YFP	-	486.893
Ask1-D4	b	YFP	-	554.065
Ask1-D4	mm	YFP	-	220.405
Ask1-D4	mb	YFP	-	165.541
Ask1-D4	bm	YFP	-	145.04
Ask1-D4	bb	YFP	-	211.698
Ask1-D4	mmm	YFP	-	170.656
Ask1-D4	mmb	YFP	-	180.925
Ask1-D4	bmm	YFP	-	145.054
Ask1-D4	bmb	YFP	-	156.403
Ask1-D5	0	YFP	-	713.443
Ask1-D5	m	YFP	-	657.083
Ask1-D5	b	YFP	-	551.206
Ask1-D5	mm	YFP	-	171.539
Ask1-D5	mb	YFP	-	201.253
Ask1-D5	bm	YFP	-	252.64
Ask1-D5	bb	YFP	-	259.647
Ask1-D5	mmm	YFP	-	164.147
Ask1-D5	mmb	YFP	-	123.782
Ask1-D5	bmm	YFP	-	108.852
Ask1-D5	bmb	YFP	-	120.682
Ask1-D6	0	YFP	-	465.691
Ask1-D6	m	YFP	-	374.494
Ask1-D6	b	YFP	-	414.662
Ask1-D6	mm	YFP	-	164.234
Ask1-D6	mb	YFP	-	197.688
Ask1-D6	bm	YFP	-	138.84
Ask1-D6	bb	YFP	-	254.696
Ask1-D6	mbm	YFP	-	158.021

Ask1-D6	mbb	YFP	-	267.489
Ask1-D7	m	YFP	-	489.407
Ask1-D7	b	YFP	-	461.725
Ask1-D7	bm	YFP	-	329.823
Ask1-D7	bb	YFP	-	274.959
Ask1-D7	bmm	YFP	-	165.352
Ask1-D7	bmb	YFP	-	145.701
Ask1-D7	bbm	YFP	-	128.882
Ask1-D7	bbb	YFP	-	165.11
Ask1-D8	0	YFP	-	546.193
Ask1-D8	m	YFP	-	297.528
Ask1-D8	b	YFP	-	216.169
Ask1-D8	mm	YFP	-	242.43
Ask1-D8	mb	YFP	-	159.567
Ask1-D9	m	YFP	-	366.619
Ask1-D9	b	YFP	-	373.747

ASK1-tagged protein segregation in diploid cells:

These data are produced from a diploid strain W7908 (*ASK1-YFP/ASK1-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
ASK1dip-A1	0	CFP & YFP	348.358	282.768
ASK1dip-A1	m	CFP & YFP	291.855	234.619
ASK1dip-A1	b	CFP & YFP	270.791	200.592
ASK1dip-A1	mm	CFP & YFP	116.281	54.151
ASK1dip-A1	mb	CFP & YFP	162.621	77.292
ASK1dip-A2-1	0	CFP & YFP	324.188	158.339
ASK1dip-A2-1	m	CFP & YFP	220.878	50.434
ASK1dip-A2-1	b	CFP & YFP	302.208	102.19
ASK1dip-A2-1	mm	CFP & YFP	196.668	50.42
ASK1dip-A2-1	mb	CFP & YFP	190.769	41.053
ASK1dip-A2-1	bm	CFP & YFP	106.067	19.669
ASK1dip-A2-1	bb	CFP & YFP	118.407	32.883
ASK1dip-A2-2	0	CFP & YFP	525.025	273.366
ASK1dip-A2-2	m	CFP & YFP	194.654	43.781
ASK1dip-A2-2	b	CFP & YFP	274.307	73.552
ASK1dip-A2-2	mm	CFP & YFP	235.606	314.899
ASK1dip-A2-2	mb	CFP & YFP	231.532	37.724
ASK1dip-A3	0	CFP & YFP	187.465	-4.739
ASK1dip-A3	m	CFP & YFP	303.569	63.406
ASK1dip-A3	b	CFP & YFP	454.706	81.092
ASK1dip-A3	mm	CFP & YFP	146.079	27.708
ASK1dip-A3	mb	CFP & YFP	135.56	5.594
ASK1dip-A3	bm	CFP & YFP	95.403	22.335
ASK1dip-A3	bb	CFP & YFP	149.449	10.896
ASK1dip-A4	m	CFP & YFP	420.032	353.314
ASK1dip-A4	b	CFP & YFP	520.682	277.076
ASK1dip-A4	mm	CFP & YFP	122.674	23.343
ASK1dip-A4	mb	CFP & YFP	105.875	53.719
ASK1dip-A4	bm	CFP & YFP	132.476	23.726
ASK1dip-A4	bb	CFP & YFP	244.344	63.89
ASK1dip-A4	mmm	CFP & YFP	181.465	5.143

ASK1dip-A4	mmb	CFP & YFP	216.325	49.701
ASK1dip-A4	mbm	CFP & YFP	160.851	27.525
ASK1dip-A4	mhb	CFP & YFP	89.411	25.154
ASK1dip-A5	0	CFP & YFP	373.686	443.694
ASK1dip-A5	m	CFP & YFP	263.592	207.437
ASK1dip-A5	b	CFP & YFP	147.164	55.741
ASK1dip-A5	mm	CFP & YFP	191.228	98.128
ASK1dip-A5	mb	CFP & YFP	174.95	90.387
ASK1dip-A5	bm	CFP & YFP	117.696	13.273
ASK1dip-A5	bb	CFP & YFP	188.644	62.155
ASK1dip-A6	0	CFP & YFP	794.346	452.433
ASK1dip-A6	m	CFP & YFP	58.497	64.394
ASK1dip-A6	b	CFP & YFP	334.426	164.737
ASK1dip-A6	mm	CFP & YFP	104.46	29.355
ASK1dip-A6	mb	CFP & YFP	290.704	59.218
ASK1dip-A6	bm	CFP & YFP	222.631	31.424
ASK1dip-A6	bb	CFP & YFP	252.664	36.234
ASK1dip-A7	0	CFP & YFP	501.192	358.197
ASK1dip-A7	m	CFP & YFP	277.387	95.813
ASK1dip-A7	b	CFP & YFP	261.606	79.77
ASK1dip-A7	mm	CFP & YFP	112.283	25.566
ASK1dip-A7	mb	CFP & YFP	162.261	39.349
ASK1dip-A8	0	CFP & YFP	35.838	108.497
ASK1dip-A8	m	CFP & YFP	69.678	43.947
ASK1dip-A8	b	CFP & YFP	142.486	127.337
ASK1dip-A8	mm	CFP & YFP	101.178	46.831
ASK1dip-A8	mb	CFP & YFP	197.55	75.535
ASK1dip-A8	bm	CFP & YFP	60.732	45.552
ASK1dip-A8	bb	CFP & YFP	41.846	34.407
ASK1dip-A8	mmm	CFP & YFP	101.875	22.162
ASK1dip-A8	mmb	CFP & YFP	191.604	53.458
ASK1dip-A8	bmm	CFP & YFP	167.923	28.623
ASK1dip-A8	bmb	CFP & YFP	197.104	16.339
ASK1dip-A8	bbm	CFP & YFP	151.006	27.04
ASK1dip-A8	bbb	CFP & YFP	112.602	7.158

ASK1dip-A8	mbm	CFP & YFP	181.958	23.713
ASK1dip-A8	mbb	CFP & YFP	177.151	20.53
ASK1dip-A9	m	CFP & YFP	42.979	34.152
ASK1dip-A9	b	CFP & YFP	107.726	92.866
ASK1dip-A9	mm	CFP & YFP	181.546	105.566
ASK1dip-A9	mb	CFP & YFP	125.988	102.3
ASK1dip-A9	bm	CFP & YFP	116.278	15.238
ASK1dip-A9	bb	CFP & YFP	175.245	80.577
ASK1dip-A9	mmm	CFP & YFP	185.701	60.298
ASK1dip-A9	mmb	CFP & YFP	144.875	21.533
ASK1dip-A9	mbm	CFP & YFP	120.144	23.518
ASK1dip-A9	mbb	CFP & YFP	131.72	41.914
ASK1dip-A9	bmm	CFP & YFP	146.431	23.719
ASK1dip-A9	bmb	CFP & YFP	212.985	26.25
ASK1dip-B1	m	CFP & YFP	596.359	220.776
ASK1dip-B1	b	CFP & YFP	387.959	206.738
ASK1dip-B1	mm	CFP & YFP	328.111	84.416
ASK1dip-B1	mb	CFP & YFP	378.281	116.158
ASK1dip-B1	bm	CFP & YFP	314.61	93.917
ASK1dip-B1	bb	CFP & YFP	286.54	91.126
ASK1dip-B1	mmm	CFP & YFP	236.17	39.12
ASK1dip-B1	mmb	CFP & YFP	302.18	55.21
ASK1dip-B1	mbm	CFP & YFP	225.85	42.448
ASK1dip-B1	mbb	CFP & YFP	237.61	41.504
ASK1dip-B1	mmmm	CFP & YFP	233.781	35.503
ASK1dip-B1	mmmb	CFP & YFP	214.681	54.545
ASK1dip-B1	mbmm	CFP & YFP	309.381	66.767
ASK1dip-B1	mbmb	CFP & YFP	211.811	31.357
ASK1dip-B2	0	CFP & YFP	457.052	237.247
ASK1dip-B2	m	CFP & YFP	320.958	134.171
ASK1dip-B2	b	CFP & YFP	316.868	153.559
ASK1dip-B2	mm	CFP & YFP	173.108	65.691
ASK1dip-B2	mb	CFP & YFP	379.515	116.987
ASK1dip-B2	bm	CFP & YFP	367.765	134.461
ASK1dip-B2	bb	CFP & YFP	210.824	82.663

ASK1 dip-B2	mmm	CFP & YFP	139.036	4.039
ASK1 dip-B2	mmb	CFP & YFP	106.205	11.013
ASK1 dip-B2	mbm	CFP & YFP	126.896	9.543
ASK1 dip-B2	mbb	CFP & YFP	125.722	8.186
ASK1 dip-B2	bmm	CFP & YFP	120.395	13.804
ASK1 dip-B2	bmb	CFP & YFP	142.483	4.617
ASK1 dip-B2	bbm	CFP & YFP	96.489	28.098
ASK1 dip-B2	bbb	CFP & YFP	73.439	2.278
ASK1 dip-B3	0	CFP & YFP	470.629	294.273
ASK1 dip-B3	m	CFP & YFP	298.841	133.058
ASK1 dip-B3	b	CFP & YFP	289.231	141.854
ASK1 dip-B3	mm	CFP & YFP	263.473	80.487
ASK1 dip-B3	mb	CFP & YFP	192.026	74.72
ASK1 dip-B3	bm	CFP & YFP	213.866	56.274
ASK1 dip-B3	bb	CFP & YFP	226.136	73.804
ASK1 dip-B3	mmm	CFP & YFP	157.172	20.488
ASK1 dip-B3	mmb	CFP & YFP	169.982	22.627
ASK1 dip-B3	mbm	CFP & YFP	131.949	22.497
ASK1 dip-B3	mbb	CFP & YFP	179.572	43.134
ASK1 dip-B3	bmm	CFP & YFP	162.482	28.911
ASK1 dip-B3	bmb	CFP & YFP	166.642	41.384
ASK1 dip-B4	0	CFP & YFP	691.937	347.88
ASK1 dip-B4	m	CFP & YFP	820.539	139.014
ASK1 dip-B4	b	CFP & YFP	277.244	106.94
ASK1 dip-B4	mm	CFP & YFP	210.393	59.203
ASK1 dip-B4	mb	CFP & YFP	206.029	50.572
ASK1 dip-B4	bm	CFP & YFP	196.841	47.519
ASK1 dip-B4	bb	CFP & YFP	162.181	47.822
ASK1 dip-B5	0	CFP & YFP	506.018	195.555
ASK1 dip-B5	m	CFP & YFP	181.287	168.497
ASK1 dip-B5	b	CFP & YFP	27.651	53.807
ASK1 dip-B5	mm	CFP & YFP	42.967	66.316
ASK1 dip-B5	mb	CFP & YFP	40.469	37.852
ASK1 dip-B5	bm	CFP & YFP	95.296	41.791
ASK1 dip-B5	bb	CFP & YFP	41.312	37.691

ASK1 dip-B5	mmm	CFP & YFP	170.633	38.066
ASK1 dip-B5	mmb	CFP & YFP	255.023	35.656
ASK1 dip-B5	mbm	CFP & YFP	159.203	11.901
ASK1 dip-B5	mbb	CFP & YFP	152.453	27.47
ASK1 dip-B5	bmm	CFP & YFP	158.383	10.326
ASK1 dip-B5	bmb	CFP & YFP	156.123	9.441
ASK1 dip-B6	0	CFP & YFP	522.637	258.86
ASK1 dip-B6	m	CFP & YFP	107.773	7.336
ASK1 dip-B6	b	CFP & YFP	220.124	91.342
ASK1 dip-B6	mm	CFP & YFP	140.735	12.317
ASK1 dip-B6	mb	CFP & YFP	79.457	5.107
ASK1 dip-B6	bm	CFP & YFP	83.376	10.301
ASK1 dip-B6	bb	CFP & YFP	109.161	16.335
ASK1 dip-B7	0	CFP & YFP	561.411	215.612
ASK1 dip-B7	m	CFP & YFP	49.733	17.242
ASK1 dip-B7	b	CFP & YFP	92.453	74.388
ASK1 dip-B7	mm	CFP & YFP	89.806	0.992
ASK1 dip-B7	mb	CFP & YFP	126.895	41.65
ASK1 dip-B7	bm	CFP & YFP	57.534	40.537
ASK1 dip-B7	bb	CFP & YFP	99.763	27.226
ASK1 dip-B8	0	CFP & YFP	460.818	278.226
ASK1 dip-B8	m	CFP & YFP	62.439	66.225
ASK1 dip-B8	b	CFP & YFP	42.455	22.048
ASK1 dip-B8	mm	CFP & YFP	75.78	1.531
ASK1 dip-B8	mb	CFP & YFP	53.347	21.368

ASK1-tagged protein segregation in spores:

These data are produced from spores that are derived from a diploid strain W7908 (*ASK1-YFP/ASK1-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
ASK1-A1	0	YFP	83.481	67.143
ASK1-A1	m	YFP	94.967	43.213
ASK1-A1	b	YFP	49.811	57.636
ASK1-A4	0	CFP	175.885	21.97
ASK1-A4	m	CFP	142.719	7.5
ASK1-A4	b	CFP	147.757	6.416
ASK1-A4	mm	CFP	136.413	8.449
ASK1-A4	mb	CFP	126.364	10.988
ASK1-A4	bm	CFP	167.673	7.82
ASK1-A4	bb	CFP	133.34	8.151
ASK1-A4	mmm	CFP	120.15	4.431
ASK1-A4	mmb	CFP	75.025	1.84
ASK1-A4	mbm	CFP	74.079	3.664
ASK1-A4	mbb	CFP	95.971	0
ASK1-A4	bmm	CFP	131.237	0.673
ASK1-A4	bmb	CFP	155.396	4.414
ASK1-A5-1	0	YFP	75.846	59.975
ASK1-A5-1	m	YFP	40.991	16.361
ASK1-A5-1	b	YFP	56.968	35.272
ASK1-A5-1	mm	YFP	55.416	23.439
ASK1-A5-1	mb	YFP	67.509	32.217
ASK1-A5-1	bm	YFP	45.382	29.152
ASK1-A5-1	bb	YFP	70.179	34.794
ASK1-A5-2	0	YFP	405.488	66.604
ASK1-A5-2	m	YFP	102.31	21.149
ASK1-A5-2	b	YFP	80.779	61.959
ASK1-A5-2	mm	YFP	116.563	31.598
ASK1-A5-2	mb	YFP	92.183	34.02
ASK1-A5-2	bm	YFP	92.647	69.089
ASK1-A5-2	bb	YFP	100.498	39.287
ASK1-A8	0	YFP	88.388	96.21

ASK1-A8	m	YFP	59.976	47.937
ASK1-A8	b	YFP	62.55	64.185
ASK1-A8	mm	YFP	74.784	57.946
ASK1-A8	mb	YFP	78.779	58.12
ASK1-A8	bm	YFP	75.577	44.38
ASK1-A8	bb	YFP	88.551	129.244
ASK1-A9	0	YFP	217.613	115.683
ASK1-A9	m	YFP	489.758	114.093
ASK1-A9	b	YFP	77.917	80.689
ASK1-A9	mm	YFP	95.737	15.846
ASK1-A9	mb	YFP	76.454	37.494
ASK1-B1	0	YFP	152.13	74.496
ASK1-B1	m	YFP	224.272	51.072
ASK1-B1	b	YFP	63.531	17.433
ASK1-B1	mm	YFP	81.352	15.663
ASK1-B1	mb	YFP	59.758	24.088
ASK1-B1	bm	YFP	77.944	15.524
ASK1-B1	bb	YFP	71.926	23.983
ASK1-B1	mmm	YFP	132.03	28.114
ASK1-B1	mmb	YFP	71.317	17.708
ASK1-B1	mbm	YFP	49.592	26.863
ASK1-B1	mhb	YFP	33.621	13.603
ASK1-B2	m	CFP	494.954	28.335
ASK1-B2	b	CFP	357.243	19.153
ASK1-B2	mm	CFP	2132.426	94.454
ASK1-B2	mb	CFP	290.027	7.917
ASK1-B2	bm	CFP	365.718	12.329
ASK1-B2	bb	CFP	347.026	9.487
ASK1-B2	mmm	CFP	198.99	7.701
ASK1-B2	mmb	CFP	202.702	9.826
ASK1-B2	mbm	CFP	122.999	4.687
ASK1-B2	mhb	CFP	177.487	10.233
ASK1-B2	bmm	CFP	181.08	13.718
ASK1-B2	bmb	CFP	216.228	4.294
ASK1-B2	bbm	CFP	139.663	3.72

ASK1-B2	bbb	CFP	160.834	8.45
ASK1-B3	0	CFP	616.094	44.533
ASK1-B3	m	CFP	199.255	14.009
ASK1-B3	b	CFP	168.562	12.576
ASK1-B3	mm	CFP	103.618	20.545
ASK1-B3	mb	CFP	80.805	12.29
ASK1-B3	bm	CFP	113.745	18.382
ASK1-B3	bb	CFP	123.855	15.138
ASK1-B5-1	0	CFP	571.616	27.38
ASK1-B5-1	m	CFP	177.08	53.979
ASK1-B5-1	b	CFP	88.069	28.88
ASK1-B5-1	bm	CFP	84.427	10.623
ASK1-B5-1	bb	CFP	74.567	3.495
ASK1-C1	0	YFP	443.453	16.464
ASK1-C1	m	YFP	271.376	167.245
ASK1-C1	b	YFP	93.732	141.053
ASK1-C1	mm	YFP	154.385	82.377
ASK1-C1	mb	YFP	80.677	59.332
ASK1-C1	bm	YFP	95.433	90.467
ASK1-C1	bb	YFP	95.845	95.303
ASK1-C1	mmm	YFP	123.965	45.304
ASK1-C1	mmb	YFP	99.55	34.342
ASK1-C1	mbm	YFP	82.838	31.369
ASK1-C1	mbb	YFP	81.805	28.887
ASK1-C1	bmm	YFP	96.446	66.042
ASK1-C1	bmb	YFP	107.669	45.701
ASK1-C1	bbm	YFP	96.689	29.072
ASK1-C1	bbb	YFP	102.087	25.475
ASK1-C3	0	CFP	385.03	32.619
ASK1-C3	m	CFP	313.33	20.616
ASK1-C3	b	CFP	298.985	18.79
ASK1-C3	mm	CFP	180.677	11.439
ASK1-C3	mb	CFP	151.794	11.084
ASK1-C3	bm	CFP	161.513	10.56
ASK1-C3	bb	CFP	177.117	8.344

ASK1-C3	mmm	CFP	120.192	5.009
ASK1-C3	mmb	CFP	82.159	2.877
ASK1-C3	mbm	CFP	102.676	2.603
ASK1-C3	mbb	CFP	141.444	5.28
ASK1-C3	bmm	CFP	155.206	7.436
ASK1-C3	bmb	CFP	97.377	26.906
ASK1-C5	0	YFP	654.947	107.048
ASK1-C5	m	YFP	338.808	74.21
ASK1-C5	b	YFP	117.524	81.416
ASK1-C5	mm	YFP	259.093	78.274
ASK1-C5	mb	YFP	82.084	52.024
ASK1-C5	bm	YFP	110.009	87.62
ASK1-C5	bb	YFP	121.483	90.394
ASK1-C5	bmm	YFP	108.951	30.172
ASK1-C5	bmb	YFP	123.519	29.44
ASK1-C6	0	CFP	341.597	26.773
ASK1-C6	m	CFP	231.282	9.686
ASK1-C6	b	CFP	204.296	16.097
ASK1-C6	mm	CFP	163.795	4.528
ASK1-C6	mb	CFP	215.361	7.166
ASK1-C6	bm	CFP	111.698	5.855
ASK1-C6	bb	CFP	147.373	2.249
ASK1-C6	mmm	CFP	148.06	5.902
ASK1-C6	mmb	CFP	98.915	3.055
ASK1-C6	mbm	CFP	143.123	1.46
ASK1-C6	mbb	CFP	89.288	0
ASK1-C6	bmm	CFP	140.492	2.319
ASK1-C6	bmb	CFP	141.275	4.011
ASK1-C7	0	CFP	406.597	39.691
ASK1-C7	m	CFP	301.995	23.094
ASK1-C7	b	CFP	279.298	12.928
ASK1-C7	mm	CFP	549.166	28.385
ASK1-C7	mb	CFP	163.926	14.522
ASK1-C7	bm	CFP	232.81	11.172
ASK1-C7	bb	CFP	245.037	12.274

ASK1-C7	mmm	CFP	200.278	10.772
ASK1-C7	mmb	CFP	79.475	4.37
ASK1-C7	mbm	CFP	121.674	5.932
ASK1-C7	mbb	CFP	140.115	5.608
ASK1-C7	bmm	CFP	116.367	4.904
ASK1-C7	bmb	CFP	142.8	5.486
ASK1-C7	mmmm	CFP	137.278	13.1
ASK1-C7	mmmb	CFP	141.796	8.961
ASK1-C7	bmmm	CFP	107.112	6.061
ASK1-C7	bmbb	CFP	86.22	10.998
ASK1-C8-1	0	YFP	337.381	60.186
ASK1-C8-1	m	YFP	321.034	70.243
ASK1-C8-1	b	YFP	85.2	66.593
ASK1-C8-1	mm	YFP	272.261	40.485
ASK1-C8-1	mb	YFP	102.156	27.837
ASK1-C8-1	bm	YFP	82.571	32.504
ASK1-C8-1	bb	YFP	75.351	26.48
ASK1-C8-2	0	CFP	261.391	20.383
ASK1-C8-2	m	CFP	405.736	15.986
ASK1-C8-2	b	CFP	150.23	8.188
ASK1-C8-2	mm	CFP	339.315	15.708
ASK1-C8-2	mb	CFP	132.817	4.616
ASK1-C8-2	bm	CFP	139.671	3.114
ASK1-C8-2	bb	CFP	92.418	4.281
ASK1-C8-2	mmm	CFP	225.447	12.462
ASK1-C8-2	mmb	CFP	105.973	4.698
ASK1-C9	m	CFP	191.122	10.973
ASK1-C9	b	CFP	218.978	16.746
ASK1-C9	mm	CFP	204.469	12.638
ASK1-C9	mb	CFP	96.978	1.645
ASK1-C9	bm	CFP	140.835	9.44
ASK1-C9	bb	CFP	151.476	6.433
ASK1-C9	mmm	CFP	146.663	15.308
ASK1-C9	mmb	CFP	172.519	6.57
ASK1-C9	mbm	CFP	95.57	12.793

ASK1-C9	mbb	CFP	79.817	6.965
ASK1-C9	bmm	CFP	145.497	1.963
ASK1-C9	bmb	CFP	107	10.838
ASK1-C9	bbm	CFP	168.032	10.121
ASK1-C9	bbb	CFP	142.409	8.687

NDC10-tagged protein segregation in haploid cells:

These data are produced from two haploid strains, W7871-2A (*NDC10-YFP*) and W7872-1D (*NDC10-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
Ndc10-A1	0	CFP	736.875	-
Ndc10-A1	m	CFP	463.476	-
Ndc10-A1	b	CFP	1104.152	-
Ndc10-A1	mm	CFP	447.387	-
Ndc10-A1	mb	CFP	487.43	-
Ndc10-A1	bm	CFP	326.592	-
Ndc10-A1	bb	CFP	285.543	-
Ndc10-A2	m	CFP	711.406	-
Ndc10-A2	b	CFP	574.697	-
Ndc10-A2	mm	CFP	310.507	-
Ndc10-A2	mb	CFP	311.151	-
Ndc10-A2	bm	CFP	234.724	-
Ndc10-A2	bb	CFP	249.168	-
Ndc10-A2	mmm	CFP	254.308	-
Ndc10-A2	mmb	CFP	283.595	-
Ndc10-A3	m	CFP	414.049	-
Ndc10-A3	b	CFP	585.776	-
Ndc10-A3	mm	CFP	299.985	-
Ndc10-A3	mb	CFP	317.231	-
Ndc10-A4	0	CFP	549.391	-
Ndc10-A4	m	CFP	513.945	-
Ndc10-A4	b	CFP	405.39	-
Ndc10-A4	mm	CFP	305.525	-
Ndc10-A4	mb	CFP	363.931	-
Ndc10-A4	bm	CFP	494.745	-
Ndc10-A4	bb	CFP	379.433	-
Ndc10-A5	0	CFP	754.874	-
Ndc10-A5	m	CFP	510.19	-
Ndc10-A5	b	CFP	387.434	-
Ndc10-A5	mm	CFP	270.244	-
Ndc10-A5	mb	CFP	210.336	-

Ndc10-A5	bm	CFP	198.611	-
Ndc10-A5	bb	CFP	187.807	-
Ndc10-A6	0	CFP	419.074	-
Ndc10-A6	m	CFP	146.167	-
Ndc10-A6	b	CFP	296.615	-
Ndc10-A6	mm	CFP	283.287	-
Ndc10-A6	mb	CFP	190.523	-
Ndc10-A6	bm	CFP	171.159	-
Ndc10-A6	bb	CFP	142.788	-
Ndc10-A7	0	CFP	483.631	-
Ndc10-A7	m	CFP	315.862	-
Ndc10-A7	b	CFP	348.646	-
Ndc10-A8	m	CFP	475.19	-
Ndc10-A8	b	CFP	430.29	-
Ndc10-A8	mm	CFP	399.979	-
Ndc10-A8	mb	CFP	298.282	-
Ndc10-A8	bm	CFP	231.626	-
Ndc10-A8	bb	CFP	336.091	-
Ndc10-A9-r	0	CFP	601.538	-
Ndc10-A9-r	m	CFP	330.905	-
Ndc10-A9-r	b	CFP	234.285	-
Ndc10-A9-r	mm	CFP	172.215	-
Ndc10-A9-r	mb	CFP	235.78	-
Ndc10-A9-r	bm	CFP	158.127	-
Ndc10-A9-r	bb	CFP	136.402	-
Ndc10-A9-r	mmm	CFP	139.577	-
Ndc10-A9-r	mmb	CFP	94.433	-
Ndc10-A9-l	0	CFP	486.116	-
Ndc10-A9-l	m	CFP	185.48	-
Ndc10-A9-l	b	CFP	263.329	-
Ndc10-A9-l	mm	CFP	133.349	-
Ndc10-A9-l	mb	CFP	170.682	-
Ndc10-B1	0	CFP	280.843	-
Ndc10-B1	m	CFP	257.588	-
Ndc10-B1	b	CFP	348.567	-

Ndc10-B3-r	0	CFP	257.088	-
Ndc10-B3-r	m	CFP	166.501	-
Ndc10-B3-r	b	CFP	278.186	-
Ndc10-B3-l	0	CFP	356.03	-
Ndc10-B3-l	m	CFP	303.614	-
Ndc10-B3-l	b	CFP	229.318	-
Ndc10-B4	0	CFP	235.829	-
Ndc10-B4	m	CFP	457.739	-
Ndc10-B4	b	CFP	290.927	-
Ndc10-B7	0	CFP	175.569	-
Ndc10-B7	m	CFP	217.905	-
Ndc10-B7	b	CFP	214.375	-
Ndc10-B9	0	CFP	270.819	-
Ndc10-B9	m	CFP	185.343	-
Ndc10-B9	b	CFP	128.965	-
Ndc10-C3	0	YFP	-	386.845
Ndc10-C3	m	YFP	-	214.863
Ndc10-C3	b	YFP	-	322.984
Ndc10-C4	0	YFP	-	453.436
Ndc10-C4	m	YFP	-	153.361
Ndc10-C4	b	YFP	-	164.384
Ndc10-C4	mm	YFP	-	89.78
Ndc10-C4	mb	YFP	-	56.84
Ndc10-C4	bm	YFP	-	105.15
Ndc10-C4	bb	YFP	-	66.234
Ndc10-C5-u	0	YFP	-	227.182
Ndc10-C5-u	m	YFP	-	141.062
Ndc10-C5-u	b	YFP	-	158.72
Ndc10-C5-u	mm	YFP	-	172.334
Ndc10-C5-u	mb	YFP	-	183.179
Ndc10-C5-u	bm	YFP	-	139.167
Ndc10-C5-u	bb	YFP	-	114.441
Ndc10-C5-l	0	YFP	-	226.236
Ndc10-C5-l	m	YFP	-	113.098
Ndc10-C5-l	b	YFP	-	136.826

Ndc10-C6	m	YFP	-	389.897
Ndc10-C6	b	YFP	-	339.963
Ndc10-C6	mm	YFP	-	132.574
Ndc10-C6	mb	YFP	-	157.471
Ndc10-C6	bm	YFP	-	142.802
Ndc10-C6	bb	YFP	-	94.139
Ndc10-C6	bmm	YFP	-	83.979
Ndc10-C6	bmb	YFP	-	110.969
Ndc10-C7	0	YFP	-	204.284
Ndc10-C7	m	YFP	-	239.389
Ndc10-C7	b	YFP	-	232.672
Ndc10-C7	mm	YFP	-	76.502
Ndc10-C7	mb	YFP	-	134.467
Ndc10-C7	bm	YFP	-	155.293
Ndc10-C7	bb	YFP	-	113.066
Ndc10-C8-u	0	YFP	-	360.427
Ndc10-C8-u	m	YFP	-	287.686
Ndc10-C8-u	b	YFP	-	361.999
Ndc10-C8-u	mm	YFP	-	296.957
Ndc10-C8-u	mb	YFP	-	197.812
Ndc10-C8-u	bm	YFP	-	179.106
Ndc10-C8-u	bb	YFP	-	211.087
Ndc10-C8-l	0	YFP	-	240.262
Ndc10-C8-l	m	YFP	-	231.657
Ndc10-C8-l	b	YFP	-	208.603
Ndc10-C9-u	0	YFP	-	398.675
Ndc10-C9-u	m	YFP	-	174.238
Ndc10-C9-u	b	YFP	-	395.671
Ndc10-C9-l	0	YFP	-	395.894
Ndc10-C9-l	m	YFP	-	325.804
Ndc10-C9-l	b	YFP	-	101.289
Ndc10-D1	m	YFP	-	310.04
Ndc10-D1	b	YFP	-	312.039
Ndc10-D1	mm	YFP	-	188.108
Ndc10-D1	mb	YFP	-	291.13

Ndc10-D1	bm	YFP	-	241.69
Ndc10-D1	bb	YFP	-	173.637
Ndc10-D1	mmm	YFP	-	228.4
Ndc10-D1	mmb	YFP	-	129.375
Ndc10-D2	m	YFP	-	333.116
Ndc10-D2	b	YFP	-	287.324
Ndc10-D2	mm	YFP	-	221.514
Ndc10-D2	mb	YFP	-	399.036
Ndc10-D2	mmm	YFP	-	233.044
Ndc10-D2	mmb	YFP	-	248.835
Ndc10-D2	mbm	YFP	-	188.616
Ndc10-D2	mbb	YFP	-	259.454
Ndc10-D2	mmmm	YFP	-	329.513
Ndc10-D2	mmmb	YFP	-	193.942
Ndc10-D2	mmbm	YFP	-	152.924
Ndc10-D2	mmbb	YFP	-	219.963
Ndc10-D3	m	YFP	-	345.098
Ndc10-D3	b	YFP	-	209.57
Ndc10-D3	mm	YFP	-	346.965
Ndc10-D3	mb	YFP	-	168.186
Ndc10-D3	bm	YFP	-	307.858
Ndc10-D3	bb	YFP	-	180.599
Ndc10-D3	mmm	YFP	-	311.556
Ndc10-D3	mmb	YFP	-	288.865
Ndc10-D4	0	YFP	-	335.596
Ndc10-D4	m	YFP	-	224.991
Ndc10-D4	b	YFP	-	286.59
Ndc10-D4	mm	YFP	-	219.419
Ndc10-D4	mb	YFP	-	189.977
Ndc10-D4	bm	YFP	-	250.807
Ndc10-D4	bb	YFP	-	216.353
Ndc10-D4	bmm	YFP	-	366.935
Ndc10-D4	bmb	YFP	-	200.935
Ndc10-D4	mbm	YFP	-	207.842
Ndc10-D4	mbb	YFP	-	209.842

Ndc10-D5-u	0	YFP	-	402.468
Ndc10-D5-u	m	YFP	-	300.929
Ndc10-D5-u	b	YFP	-	252.415
Ndc10-D5-u	mm	YFP	-	120.635
Ndc10-D5-u	mb	YFP	-	221.195
Ndc10-D5-l	0	YFP	-	205.489
Ndc10-D5-l	m	YFP	-	214.284
Ndc10-D5-l	b	YFP	-	275.346
Ndc10-D5-l	mm	YFP	-	266.05
Ndc10-D5-l	mb	YFP	-	213.484
Ndc10-D6-u	0	YFP	-	415.477
Ndc10-D6-u	m	YFP	-	162.714
Ndc10-D6-u	b	YFP	-	213.333
Ndc10-D6-u	mm	YFP	-	114.666
Ndc10-D6-u	mb	YFP	-	136.592
Ndc10-D6-u	bm	YFP	-	242.563
Ndc10-D6-u	bb	YFP	-	123.585
Ndc10-D6-l	0	YFP	-	191.049
Ndc10-D6-l	mm	YFP	-	196.827
Ndc10-D6-l	mb	YFP	-	126.979
Ndc10-D7-l	0	YFP	-	310.308
Ndc10-D7-l	m	YFP	-	368.99
Ndc10-D7-l	b	YFP	-	227.119
Ndc10-D7-l	bm	YFP	-	205.782
Ndc10-D7-l	bb	YFP	-	200.517
Ndc10-D7-r	0	YFP	-	327.939
Ndc10-D7-r	m	YFP	-	166.759
Ndc10-D7-r	b	YFP	-	267.632
Ndc10-D7-r	mm	YFP	-	218.977
Ndc10-D7-r	mb	YFP	-	175.761
Ndc10-D8	m	YFP	-	303.88
Ndc10-D8	b	YFP	-	324.256
Ndc10-D8	mm	YFP	-	421.415
Ndc10-D8	mb	YFP	-	282.316
Ndc10-D8	bm	YFP	-	156.457

Ndc10-D8	bb	YFP	-	144.034
Ndc10-D8	mmm	YFP	-	161.98
Ndc10-D8	mmb	YFP	-	237.449
Ndc10-D8	mbm	YFP	-	215.711
Ndc10-D8	mbb	YFP	-	304.209
Ndc10-D8	bmm	YFP	-	284.645
Ndc10-D8	bmb	YFP	-	183.66
Ndc10-D8	mmmm	YFP	-	173.279
Ndc10-D8	mmmb	YFP	-	214.296
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Ndc10-D9	0	YFP	-	598.084
Ndc10-D9	m	YFP	-	303.797
Ndc10-D9	b	YFP	-	515.428
Ndc10-D9	mm	YFP	-	124.575
Ndc10-D9	mb	YFP	-	325.288
Ndc10-D9	bm	YFP	-	176.122
Ndc10-D9	bb	YFP	-	251.109
Ndc10-D9	mmm	YFP	-	160.014
Ndc10-D9	mmb	YFP	-	155.875
Ndc10-D9	mbm	YFP	-	181.733
Ndc10-D9	mbb	YFP	-	183.386
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Ndc10-E1	0	YFP	-	332.063
Ndc10-E1	m	YFP	-	173.273
Ndc10-E1	b	YFP	-	226.103
Ndc10-E1	mm	YFP	-	88.174
Ndc10-E1	mb	YFP	-	104.79
Ndc10-E1	bm	YFP	-	76.107
Ndc10-E1	bb	YFP	-	71.529
Ndc10-E1	mmm	YFP	-	52.52
Ndc10-E1	mmb	YFP	-	75.753
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Ndc10-E2	0	YFP	-	279.164
Ndc10-E2	m	YFP	-	390.555
Ndc10-E2	b	YFP	-	190.342
Ndc10-E2	mm	YFP	-	223.756
Ndc10-E2	mb	YFP	-	240.986
Ndc10-E2	bm	YFP	-	113.917

Ndc10-E2	bb	YFP	-	154.329
Ndc10-E2	mmm	YFP	-	90.938
Ndc10-E2	mmb	YFP	-	105.037
Ndc10-E2	mbm	YFP	-	136.296
Ndc10-E2	mbb	YFP	-	100.674
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Ndc10-E3	0	YFP	-	607.023
Ndc10-E3	m	YFP	-	414.629
Ndc10-E3	b	YFP	-	242.551
Ndc10-E3	mm	YFP	-	151.245
Ndc10-E3	mb	YFP	-	119.529
Ndc10-E3	bm	YFP	-	165.496
Ndc10-E3	bb	YFP	-	164.07
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Ndc10-E4	0	YFP	-	406.97
Ndc10-E4	m	YFP	-	284.036
Ndc10-E4	b	YFP	-	374.32
Ndc10-E4	mm	YFP	-	209.872
Ndc10-E4	mb	YFP	-	237.691
Ndc10-E4	bm	YFP	-	282.984
Ndc10-E4	bb	YFP	-	205.402
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Ndc10-E5	0	YFP	-	362.048
Ndc10-E5	m	YFP	-	364.77
Ndc10-E5	b	YFP	-	286.492
Ndc10-E5	mm	YFP	-	182.715
Ndc10-E5	mb	YFP	-	336.337
Ndc10-E5	bm	YFP	-	102.406
Ndc10-E5	bb	YFP	-	143.895
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Ndc10-E6	m	YFP	-	301.153
Ndc10-E6	b	YFP	-	402.589
Ndc10-E6	mm	YFP	-	228.796
Ndc10-E6	mb	YFP	-	177.301
Ndc10-E6	bm	YFP	-	270.309
Ndc10-E6	bb	YFP	-	165.385
Ndc10-E6	mmm	YFP	-	137.37
Ndc10-E6	mmb	YFP	-	138.049
Ndc10-E6	mbm	YFP	-	186.622

Ndc10-E6	mbb	YFP	-	207.239
Ndc10-E6	bmm	YFP	-	120.159
Ndc10-E6	bmb	YFP	-	142.875
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Ndc10-E7	0	YFP	-	795.879
Ndc10-E7	m	YFP	-	387.749
Ndc10-E7	b	YFP	-	478.167
Ndc10-E7	mm	YFP	-	130.403
Ndc10-E7	mb	YFP	-	214.287
Ndc10-E7	bm	YFP	-	227.378
Ndc10-E7	bb	YFP	-	132.299
Ndc10-E8	m	YFP	-	193.152
Ndc10-E8	b	YFP	-	109.024
Ndc10-E8	mm	YFP	-	72.389
Ndc10-E8	mb	YFP	-	122.792
Ndc10-E8	bm	YFP	-	208.115
Ndc10-E8	bb	YFP	-	117.847
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Ndc10-E9	0	YFP	-	591.215
Ndc10-E9	m	YFP	-	247.56
Ndc10-E9	b	YFP	-	392.53
Ndc10-E9	mm	YFP	-	225.386
Ndc10-E9	mb	YFP	-	312.022
Ndc10-E9	bm	YFP	-	155.425
Ndc10-E9	bb	YFP	-	198.791

NDC10-tagged protein segregation in diploid cells:

These data are produced from a diploid strain W7910 (*NDC10-YFP/NDC10-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
NDC10-diploid-A4	0	CFP & YFP	125.917	66.98
NDC10-diploid-A4	m	CFP & YFP	124.673	6.897
NDC10-diploid-A4	b	CFP & YFP	66.7	1.599
NDC10-diploid-A5	0	CFP & YFP	87.267	27.945
NDC10-diploid-A5	m	CFP & YFP	116.102	19.893
NDC10-diploid-A5	b	CFP & YFP	127.642	17.732
NDC10-diploid-A5	mm	CFP & YFP	90.205	8.046
NDC10-diploid-A5	mb	CFP & YFP	97.15	7.117
NDC10-diploid-A5	bm	CFP & YFP	126.738	21.499
NDC10-diploid-A5	bb	CFP & YFP	76.655	6.171
NDC10-diploid-A5	mmm	CFP & YFP	84.492	8.7
NDC10-diploid-A5	mmb	CFP & YFP	75.937	1.227
NDC10-diploid-A5	mbm	CFP & YFP	82.401	3.886
NDC10-diploid-A5	mbb	CFP & YFP	52.46	7.157
NDC10-diploid-A5	bmm	CFP & YFP	94.429	8.119
NDC10-diploid-A5	bmb	CFP & YFP	84.974	3.912
NDC10-diploid-B1	0	CFP & YFP	78.38	44.54
NDC10-diploid-B1	m	CFP & YFP	48.974	0.178
NDC10-diploid-B1	b	CFP & YFP	57.013	0
NDC10-diploid-B2	0	CFP & YFP	81.355	45.864
NDC10-diploid-B2	m	CFP & YFP	58.267	14.486
NDC10-diploid-B2	b	CFP & YFP	71.788	26.534
NDC10-diploid-B3	0	CFP & YFP	168.359	56.343
NDC10-diploid-B3	m	CFP & YFP	121.728	27.364
NDC10-diploid-B3	b	CFP & YFP	105.897	16.529
NDC10-diploid-B4	m	CFP & YFP	160.842	55.453
NDC10-diploid-B4	b	CFP & YFP	111.827	47.078
NDC10-diploid-B4	mm	CFP & YFP	108.012	26.688
NDC10-diploid-B4	mb	CFP & YFP	110.115	30.446
NDC10-diploid-B4	bm	CFP & YFP	96.905	20.036
NDC10-diploid-B4	bb	CFP & YFP	57.507	2.913

NDC10-diploid-B5	m	CFP & YFP	149.764	43.781
NDC10-diploid-B5	b	CFP & YFP	112.542	66.485
NDC10-diploid-B5	mm	CFP & YFP	79.781	21.793
NDC10-diploid-B5	mb	CFP & YFP	102.461	19.092
NDC10-diploid-B5	bm	CFP & YFP	86.731	35.189
NDC10-diploid-B5	bb	CFP & YFP	78.659	9.684
NDC10-diploid-B6	0	CFP & YFP	62.204	32.287
NDC10-diploid-B6	m	CFP & YFP	117.082	41.034
NDC10-diploid-B6	b	CFP & YFP	92.294	31.019
NDC10-diploid-B7	0	CFP & YFP	108.401	24.347
NDC10-diploid-B7	m	CFP & YFP	90.259	35.497
NDC10-diploid-B7	b	CFP & YFP	110.466	42.659
NDC10-diploid-B7	mm	CFP & YFP	99.986	11.319
NDC10-diploid-B7	mb	CFP & YFP	96.827	10.578
NDC10-diploid-B8	0	CFP & YFP	103.347	68.737
NDC10-diploid-B8	m	CFP & YFP	93.235	21.942
NDC10-diploid-B8	b	CFP & YFP	69.385	6.659
NDC10-diploid-C1	0	CFP & YFP	156.295	39.9
NDC10-diploid-C1	m	CFP & YFP	102.631	9.143
NDC10-diploid-C1	b	CFP & YFP	202.732	45.895
NDC10-diploid-C1	mm	CFP & YFP	129.532	25.581
NDC10-diploid-C1	mb	CFP & YFP	125.374	32.974
NDC10-diploid-C1	bm	CFP & YFP	164.855	35.675
NDC10-diploid-C1	bb	CFP & YFP	122.904	15.651
NDC10-diploid-C7	0	CFP & YFP	75.807	20.035
NDC10-diploid-C7	m	CFP & YFP	80.405	15.187
NDC10-diploid-C7	b	CFP & YFP	93.04	37.613
NDC10-diploid-C7	mm	CFP & YFP	140.468	36.073
NDC10-diploid-C7	mb	CFP & YFP	126.211	28.023
NDC10-diploid-C7	bm	CFP & YFP	148.868	30.609
NDC10-diploid-C7	bb	CFP & YFP	138.385	28.751

NDC10-tagged protein segregation in spores:

These data are produced from spores that are derived from a diploid strain W7910 (*NDC10-YFP/NDC10-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
NDC10-B2-1	0	CFP	460.718	22.841
NDC10-B2-1	m	CFP	236.364	22.912
NDC10-B2-1	b	CFP	154.634	7.347
NDC10-B2-1	mm	CFP	283.3	29.403
NDC10-B2-1	mb	CFP	137.746	7.539
NDC10-B2-1	bm	CFP	142.857	5.203
NDC10-B2-1	bb	CFP	150.112	14.204
NDC10-B2-1	mmm	CFP	265.591	20.527
NDC10-B2-1	mmb	CFP	187.049	9.962
NDC10-B2-1	mbm	CFP	200.74	12.475
NDC10-B2-1	mbb	CFP	154.559	9.221
NDC10-B2-2	0	CFP	346.936	21.102
NDC10-B2-2	m	CFP	290.15	29.847
NDC10-B2-2	b	CFP	160.252	15.44
NDC10-B2-2	mm	CFP	271.154	26.688
NDC10-B2-2	mb	CFP	184.048	11.777
NDC10-B2-2	bm	CFP	146.367	7.094
NDC10-B2-2	bb	CFP	108.368	4.558
NDC10-C4	m	YFP	193.351	100.578
NDC10-C4	b	YFP	92.567	81.422
NDC10-C4	mm	YFP	143.454	31.709
NDC10-C4	mb	YFP	66.712	27.646
NDC10-C4	bm	YFP	80.825	36.524
NDC10-C4	bb	YFP	77.008	26.572
NDC10-C5	0	YFP	135.247	9.466
NDC10-C5	m	YFP	164.656	35.522
NDC10-C5	b	YFP	80.25	18.721
NDC10-C5	mm	YFP	199.443	12.808
NDC10-C5	mb	YFP	92.124	27.557
NDC10-C5	bm	YFP	107.677	7.915
NDC10-C5	bb	YFP	77.73	17.75

NDC10-C9	0	YFP	466.268	178.582
NDC10-C9	m	YFP	896.019	129.263
NDC10-C9	b	YFP	97.706	65.612
NDC10-C9	mm	YFP	407.618	31.062
NDC10-C9	mb	YFP	162.942	12.317
NDC10-C9	bm	YFP	133.263	45.26
NDC10-C9	bb	YFP	86.045	30.919
NDC10-C9	bmm	YFP	96.002	6.122
NDC10-C9	bmb	YFP	81.085	14.458
NDC10-D4	0	CFP	111.164	10.211
NDC10-D4	m	CFP	139.421	4.644
NDC10-D4	b	CFP	128.33	10.38
NDC10-D4	mm	CFP	57.857	6.734
NDC10-D4	mb	CFP	73.492	9.321
NDC10-E3	m	CFP	150.134	10.524
NDC10-E3	b	CFP	167.556	3.649
NDC10-E3	bm	CFP	152.755	0
NDC10-E3	bb	CFP	62.649	0
NDC10-E3	mmm	CFP	165.156	5.135
NDC10-E3	mmb	CFP	168.471	2.333
NDC10-E3	mbm	CFP	104.283	6.293
NDC10-E3	mhb	CFP	132.599	5.766
NDC10-E3	bmm	CFP	164.448	0
NDC10-E3	bmb	CFP	143.094	0
NDC10-E3	bbm	CFP	104.182	0
NDC10-E3	bbb	CFP	78.454	0
NDC10-E3	mmmm	CFP	152.845	6.892
NDC10-E3	mmmb	CFP	145.348	14.604
NDC10-E3	mbmm	CFP	86.178	5.075
NDC10-E3	mbmb	CFP	80.894	6.309
NDC10-E3	mhbmm	CFP	135.617	4.94
NDC10-E3	mhbhb	CFP	129.79	11.139
NDC10-E4	mm	CFP	115.827	10.644
NDC10-E4	mb	CFP	117.138	0
NDC10-E4	bm	CFP	97.747	0

NDC10-E4	bb	CFP	110.678	11.046
NDC10-E4	mmm	CFP	84.37	1.256
NDC10-E4	mmb	CFP	76.221	7.236
NDC10-E4	bmm	CFP	89.297	7.172
NDC10-E4	bmb	CFP	78.787	0
NDC10-E4	bbm	CFP	74.017	2.954
NDC10-E4	bbb	CFP	68.358	5.221
NDC10-E4	mmmm	CFP	120.73	3.56
NDC10-E4	mmmb	CFP	116.168	5.473
NDC10-E4	mmbm	CFP	101.228	9.424
NDC10-E4	mmbb	CFP	74.935	0
NDC10-E5	mm	CFP	238.184	17.987
NDC10-E5	mb	CFP	136.699	8.724
NDC10-E5	bm	CFP	124.267	2.519
NDC10-E5	bb	CFP	124.309	6.513
NDC10-E5	mmm	CFP	212.167	15.764
NDC10-E5	mmb	CFP	105.345	5.08
NDC10-E5	mbm	CFP	154.828	1.341
NDC10-E5	mbb	CFP	102.443	2.085
NDC10-E5	bmm	CFP	135.843	0
NDC10-E5	bmb	CFP	109.188	7.638
NDC10-E5	bbm	CFP	92.14	0
NDC10-E5	bbb	CFP	94.678	0
NDC10-E6	mm	YFP	197.16	59.463
NDC10-E6	mb	YFP	75.675	45.014
NDC10-E6	bm	YFP	94.339	41.69
NDC10-E6	bb	YFP	61.707	40.102
NDC10-E6	mmm	YFP	205.617	36.218
NDC10-E6	mmb	YFP	160.501	13.44
NDC10-E6	mbm	YFP	72.581	23.463
NDC10-E6	mbb	YFP	94.425	16.012
NDC10-E6	bmm	YFP	99.271	18.712
NDC10-E6	bmb	YFP	82.243	13.196
NDC10-E6	bbm	YFP	80.788	20.931
NDC10-E6	bbb	YFP	76.805	27.986

NDC10-E7	mm	YFP	190.076	64.811
NDC10-E7	mb	YFP	50.199	48.332
NDC10-E7	bm	YFP	67.672	45.727
NDC10-E7	bb	YFP	67.847	41.774
NDC10-E7	mmm	YFP	116.6	33.836
NDC10-E7	mmb	YFP	89.333	36.443
NDC10-E7	mbm	YFP	48.393	39.399
NDC10-E7	mbb	YFP	79.889	5.443
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NDC10-E8	mm	YFP	193.924	45.589
NDC10-E8	mb	YFP	125.624	52.242
NDC10-E8	bm	YFP	108.56	20.607
NDC10-E8	bb	YFP	43.018	66.596
NDC10-E8	mmm	YFP	189.878	37.167
NDC10-E8	mmb	YFP	147.857	10.464
NDC10-E8	mbm	YFP	76.375	19.7
NDC10-E8	mbb	YFP	64.748	19.962
NDC10-E8	bmm	YFP	64.226	10.396
NDC10-E8	bmb	YFP	51.484	21.893
NDC10-E8	bbm	YFP	101.772	10.932
NDC10-E8	bbb	YFP	41.692	16.094
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NDC10-E9	mbm	YFP	72.214	33.478
NDC10-E9	mbb	YFP	58.828	32.337
NDC10-E9	bmm	YFP	42.171	37.927
NDC10-E9	bmb	YFP	49.054	14.355
NDC10-E9	bbm	YFP	61.821	43.392
NDC10-E9	bbb	YFP	67.225	43.387
NDC10-E9	mmmm	YFP	104.496	32.269
NDC10-E9	mmmb	YFP	51.651	21.941
NDC10-E9	mbmm	YFP	76.225	27.391
NDC10-E9	mbmb	YFP	87.015	12.108
NDC10-E9	mbbm	YFP	59.846	23.168
NDC10-E9	mbbb	YFP	75.541	18.091
NDC10-E9	bmbmb	YFP	52.585	32.99
NDC10-E9	bmbb	YFP	37.726	28.045
NDC10-E9	bmmm	YFP	65.061	17.809

NDC10-E9	bmbb	YFP	56.085	26.633
NDC10-E9	mmmmm	YFP	142.386	45.432
NDC10-E9	mmmbb	YFP	62.563	6.177
NDC10-F1	mmm	CFP	141.471	6.168
NDC10-F1	mmb	CFP	65.665	4.367
NDC10-F1	mbm	CFP	68.748	3.681
NDC10-F1	mbb	CFP	66.87	1.478
NDC10-F1	bmm	CFP	103.356	1.155
NDC10-F1	bmb	CFP	48.744	0.376
NDC10-F1	bbm	CFP	109.386	0
NDC10-F1	bbb	CFP	89.41	4.103
NDC10-F1	mmmm	CFP	146.817	8.802
NDC10-F1	mmmb	CFP	74.811	1.353
NDC10-F3	mm	YFP	116.513	98.381
NDC10-F3	mb	YFP	56.05	69.275
NDC10-F3	bm	YFP	74.782	18.577
NDC10-F3	bb	YFP	55.036	108.867
NDC10-F3	mmm	YFP	205.573	17.283
NDC10-F3	mmb	YFP	145.866	43.57
NDC10-F3	mbm	YFP	49.009	43.082
NDC10-F3	mbb	YFP	54.527	36.479
NDC10-F3	bmm	YFP	98.602	53.374
NDC10-F3	bmb	YFP	81.941	47.621
NDC10-F3	bbm	YFP	80.037	32.328
NDC10-F3	bbb	YFP	86.282	41.858
NDC10-F3	mbmm	YFP	93.052	23.871
NDC10-F3	mbmb	YFP	59.702	17.248
NDC10-F3	bmmm	YFP	116.826	16.195
NDC10-F3	bmbb	YFP	89.265	28.235
NDC10-F3	bmbm	YFP	112.736	19.325
NDC10-F3	bmbb	YFP	89.152	10.246
NDC10-F4	mm	CFP	113.176	7.357
NDC10-F4	mb	CFP	91.154	11.061
NDC10-F4	bm	CFP	48.768	8.454
NDC10-F4	bb	CFP	43.225	12.313

NDC10-F4	mmm	CFP	159.895	8.107
NDC10-F4	mmb	CFP	81.324	0
NDC10-F4	mbm	CFP	111.916	0.926
NDC10-F4	mbb	CFP	70.228	3.915
NDC10-F4	bmm	CFP	84.223	8.613
NDC10-F4	bmb	CFP	92.918	11.485
NDC10-F4	bbm	CFP	81.997	11.147
NDC10-F4	bbb	CFP	101.758	8.918
NDC10-F4	mmbm	CFP	101.902	10.837
NDC10-F4	mmbb	CFP	126.62	12.529
NDC10-F4	mbmm	CFP	122.833	9.276
NDC10-F4	mbmb	CFP	108.962	13.201
NDC10-F4	mbbm	CFP	108.053	6.079
NDC10-F4	mbbb	CFP	121.166	8.395
NDC10-F6	mm	YFP	152.999	75.948
NDC10-F6	mb	YFP	45.476	68.252
NDC10-F6	bm	YFP	91.716	42.799
NDC10-F6	bb	YFP	63.109	58.437
NDC10-F6	mmm	YFP	465.819	38.188
NDC10-F6	mmb	YFP	83.042	36.702
NDC10-F6	bmm	YFP	62.652	30.526
NDC10-F6	bmb	YFP	84.629	36.223
NDC10-F6	bbm	YFP	41.363	21.579
NDC10-F6	bbb	YFP	60.466	31.631
NDC10-F7	mm	YFP	254.953	23.696
NDC10-F7	mb	YFP	88.726	71.293
NDC10-F7	bm	YFP	84.794	28.832
NDC10-F7	bb	YFP	60.708	30.851
NDC10-F7	mmm	YFP	195.587	28.66
NDC10-F7	mmb	YFP	138.012	32.507
NDC10-F7	mbm	YFP	86.875	30.581
NDC10-F7	mbb	YFP	67.538	29.832
NDC10-F7	bmm	YFP	79.19	11.014
NDC10-F7	bmb	YFP	48.611	14.339
NDC10-F7	bbm	YFP	80.495	33.481

NDC10-F7	bbb	YFP	106.943	29.952
NDC10-F7	mmmm	YFP	206.302	32.357
NDC10-F7	mmmb	YFP	173.169	25.742
NDC10-F7	bmbm	YFP	83.035	25.555
NDC10-F7	bmbb	YFP	67.954	18.716
NDC10-F8	mm	CFP	247.314	12.662
NDC10-F8	mb	CFP	100.664	1.75
NDC10-F8	bm	CFP	150.673	8.926
NDC10-F8	bb	CFP	112.074	3.255
NDC10-F8	mmm	CFP	568.44	60.659
NDC10-F8	mmb	CFP	136.38	0
NDC10-F8	mbm	CFP	119.016	0
NDC10-F8	mbb	CFP	118.868	1.285
NDC10-F9	mm	YFP	186.398	25.921
NDC10-F9	mb	YFP	57.784	59.821
NDC10-F9	bm	YFP	38.704	59.518
NDC10-F9	bb	YFP	11.042	0
NDC10-F9	mmm	YFP	211.547	20.81
NDC10-F9	mmb	YFP	48.929	37.379
NDC10-F9	mbm	YFP	59.44	35.554
NDC10-F9	mbb	YFP	58.033	25.142
NDC10-F9	bmm	YFP	24.483	17.176
NDC10-F9	bmb	YFP	40.053	51.852
NDC10-F9	bbm	YFP	41.83	14.755
NDC10-F9	bbb	YFP	39.899	13.459
NDC10-F9	mmmm	YFP	182.852	33.826
NDC10-F9	mmmb	YFP	69.642	35.568
NDC10-F9	mmbm	YFP	94.141	16.81
NDC10-F9	mmbb	YFP	82.76	26.89
NDC10-F9	mbbm	YFP	67.403	25.324
NDC10-F9	mbbb	YFP	82.781	38.993
NDC10-F9	bmmm	YFP	50.463	32.384
NDC10-F9	bmbb	YFP	24.473	27.792
NDC10-F9	bmbm	YFP	85.331	5.307
NDC10-F9	bmbb	YFP	82.797	15.193

NDC10-F9	bmmmm	YFP	63.335	9.997
NDC10-F9	bmmmb	YFP	48.616	4.178

CTF19-tagged protein segregation in haploid cells:

These data are produced from two haploid strains, W7873-3D (*CTF19-YFP*) and W7874-4D (*CTF19-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
CTF19hap-A1	0	CFP	302.813	-
CTF19hap-A1	m	CFP	257.196	-
CTF19hap-A1	b	CFP	335.269	-
CTF19hap-A2	0	CFP	483.987	-
CTF19hap-A2	m	CFP	159.86	-
CTF19hap-A2	b	CFP	158.878	-
CTF19hap-A3	0	CFP	338.64	-
CTF19hap-A3	m	CFP	372.58	-
CTF19hap-A3	b	CFP	359.862	-
CTF19hap-A4	0	CFP	251.288	-
CTF19hap-A4	m	CFP	151.337	-
CTF19hap-A4	b	CFP	235.234	-
CTF19hap-A5	0	CFP	544.263	-
CTF19hap-A5	m	CFP	353.717	-
CTF19hap-A5	b	CFP	477.707	-
CTF19hap-A6	m	CFP	286.874	-
CTF19hap-A6	b	CFP	277.531	-
CTF19hap-A7	0	CFP	342.887	-
CTF19hap-A7	m	CFP	327.752	-
CTF19hap-A7	b	CFP	413.9	-
CTF19hap-A8	0	CFP	615.612	-
CTF19hap-A8	m	CFP	310.67	-
CTF19hap-A8	b	CFP	200.339	-
CTF19hap-A9	0	CFP	309.398	-
CTF19hap-A9	m	CFP	229.25	-
CTF19hap-A9	b	CFP	279.423	-
CTF19hap-B2-u	0	CFP	407.72	-
CTF19hap-B2-u	m	CFP	202.557	-
CTF19hap-B2-u	b	CFP	248.236	-
CTF19hap-B2-u	mm	CFP	252.215	-
CTF19hap-B2-u	mb	CFP	235.212	-

CTF19hap-B2-l	0	CFP	587.846	-
CTF19hap-B2-l	m	CFP	371.904	-
CTF19hap-B2-l	b	CFP	435.416	-
CTF19hap-B2-l	mm	CFP	263.006	-
CTF19hap-B2-l	mb	CFP	303.371	-
CTF19hap-B2-l	bm	CFP	215.119	-
CTF19hap-B2-l	bb	CFP	257.842	-
CTF19hap-B2-l	bmm	CFP	374.459	-
CTF19hap-B2-l	bmb	CFP	291.424	-
CTF19hap-B3	0	CFP	543.158	-
CTF19hap-B3	m	CFP	322.256	-
CTF19hap-B3	b	CFP	291.214	-
CTF19hap-B3	mm	CFP	197.069	-
CTF19hap-B3	mb	CFP	248.492	-
CTF19hap-B3	bm	CFP	199.344	-
CTF19hap-B3	bb	CFP	292.931	-
CTF19hap-B4	0	CFP	332.903	-
CTF19hap-B4	m	CFP	304.063	-
CTF19hap-B4	b	CFP	410.406	-
CTF19hap-B4	mm	CFP	216.447	-
CTF19hap-B4	mb	CFP	297.941	-
CTF19hap-B4	bm	CFP	308.815	-
CTF19hap-B4	bb	CFP	213.022	-
CTF19hap-B4	mmm	CFP	182.708	-
CTF19hap-B4	mmb	CFP	177.288	-
CTF19hap-B5-l	0	CFP	468.672	-
CTF19hap-B5-l	m	CFP	304.412	-
CTF19hap-B5-l	b	CFP	185.964	-
CTF19hap-B5-l	mm	CFP	157.551	-
CTF19hap-B5-l	mb	CFP	285.23	-
CTF19hap-B5-r	0	CFP	410.557	-
CTF19hap-B5-r	m	CFP	257.466	-
CTF19hap-B5-r	b	CFP	269.182	-
CTF19hap-B5-r	mm	CFP	392.394	-
CTF19hap-B5-r	mb	CFP	221.195	-

CTF19hap-B5-r	bm	CFP	159.567	-
CTF19hap-B5-r	bb	CFP	180.189	-
CTF19hap-B5-r	mmm	CFP	173.565	-
CTF19hap-B5-r	mmb	CFP	197.518	-
CTF19hap-B5-r	mbm	CFP	130.427	-
CTF19hap-B5-r	mbb	CFP	135.714	-
CTF19hap-B6	0	CFP	492.755	-
CTF19hap-B6	m	CFP	298.473	-
CTF19hap-B6	b	CFP	358.974	-
CTF19hap-B6	mm	CFP	258.693	-
CTF19hap-B6	mb	CFP	281.933	-
CTF19hap-B7	0	CFP	430.898	-
CTF19hap-B7	m	CFP	271.851	-
CTF19hap-B7	b	CFP	394.787	-
CTF19hap-B7	mm	CFP	186.074	-
CTF19hap-B7	mb	CFP	309.983	-
CTF19hap-B7	bm	CFP	201.709	-
CTF19hap-B7	bb	CFP	279.475	-
CTF19hap-B7	mbm	CFP	231.363	-
CTF19hap-B7	mbb	CFP	242.662	-
CTF19hap-B7	bmm	CFP	199.058	-
CTF19hap-B7	bmb	CFP	197.714	-
CTF19hap-B7	bbm	CFP	181.092	-
CTF19hap-B7	bbb	CFP	176.454	-
CTF19hap-B8	0	CFP	695.837	-
CTF19hap-B8	m	CFP	346.869	-
CTF19hap-B8	b	CFP	431.691	-
CTF19hap-B8	bm	CFP	283.99	-
CTF19hap-B8	bb	CFP	305.602	-
CTF19hap-C2	0	YFP	-	318.673
CTF19hap-C2	m	YFP	-	217.885
CTF19hap-C2	b	YFP	-	289.289
CTF19hap-C2	mm	YFP	-	330.428
CTF19hap-C2	mb	YFP	-	257.329
CTF19hap-C2	bm	YFP	-	354.273

CTF19hap-C2	bb	YFP	-	291.792
CTF19hap-C3	m	YFP	-	352.335
CTF19hap-C3	b	YFP	-	452.185
CTF19hap-C6	m	YFP	-	188.678
CTF19hap-C6	b	YFP	-	171.882
CTF19hap-C6	bm	YFP	-	113.24
CTF19hap-C6	bb	YFP	-	135.678
CTF19hap-C7	0	YFP	-	486.69
CTF19hap-C7	m	YFP	-	120.571
CTF19hap-C7	b	YFP	-	196.043
CTF19hap-C7	mm	YFP	-	111.104
CTF19hap-C7	mb	YFP	-	115.486
CTF19hap-C7	bm	YFP	-	241.392
CTF19hap-C7	bb	YFP	-	124.099
CTF19hap-C9	0	YFP	-	259.097
CTF19hap-C9	m	YFP	-	151.209
CTF19hap-C9	b	YFP	-	174.264
CTF19hap-C9	bm	YFP	-	150.931
CTF19hap-C9	bb	YFP	-	113.157
CTF19hap-D1	0	YFP	-	319.478
CTF19hap-D1	m	YFP	-	332.958
CTF19hap-D1	b	YFP	-	333.616
CTF19hap-D1	mm	YFP	-	125.035
CTF19hap-D1	mb	YFP	-	179.283
CTF19hap-D1	bm	YFP	-	141.115
CTF19hap-D1	bb	YFP	-	169.175
CTF19hap-D2	0	YFP	-	355.238
CTF19hap-D2	m	YFP	-	121.667
CTF19hap-D2	b	YFP	-	106.412
CTF19hap-D2	mm	YFP	-	90.458
CTF19hap-D2	mb	YFP	-	136.384
CTF19hap-D2	bm	YFP	-	82.847
CTF19hap-D2	bb	YFP	-	120.136
CTF19hap-D3	m	YFP	-	223.149
CTF19hap-D3	b	YFP	-	387.963

CTF19hap-D3	mm	YFP	-	156.615
CTF19hap-D3	mb	YFP	-	179.695
CTF19hap-D3	bm	YFP	-	126.71
CTF19hap-D3	bb	YFP	-	128.187
CTF19hap-D3	mmm	YFP	-	88.487
CTF19hap-D3	mmb	YFP	-	107.669
CTF19hap-D4	m	YFP	-	205.459
CTF19hap-D4	b	YFP	-	247.701
CTF19hap-D4	mm	YFP	-	87.124
CTF19hap-D4	mb	YFP	-	90.746
CTF19hap-D4	bm	YFP	-	86.869
CTF19hap-D4	bb	YFP	-	160.603
CTF19hap-D4	mmm	YFP	-	84.393
CTF19hap-D4	mmb	YFP	-	118.971
CTF19hap-D5-l	0	YFP	-	220.68
CTF19hap-D5-l	m	YFP	-	156.711
CTF19hap-D5-l	b	YFP	-	267.265
CTF19hap-D5-r	0	YFP	-	252.167
CTF19hap-D5-r	m	YFP	-	149.926
CTF19hap-D5-r	b	YFP	-	182.403
CTF19hap-D5-r	mm	YFP	-	140.522
CTF19hap-D5-r	mb	YFP	-	140.755
CTF19hap-D5-r	mmm	YFP	-	147.437
CTF19hap-D5-r	mmb	YFP	-	116.776
CTF19hap-D7	0	YFP	-	280.341
CTF19hap-D7	m	YFP	-	116.88
CTF19hap-D7	b	YFP	-	169.323
CTF19hap-D7	mm	YFP	-	69.677
CTF19hap-D7	mb	YFP	-	104.048
CTF19hap-D7	bm	YFP	-	130.935
CTF19hap-D7	bb	YFP	-	131.54
CTF19hap-D8	0	YFP	-	290.226
CTF19hap-D8	m	YFP	-	76.819
CTF19hap-D8	b	YFP	-	131.137
CTF19hap-D9	0	YFP	-	294.688

CTF19hap-D9	m	YFP	-	152.073
CTF19hap-D9	b	YFP	-	225.642

CTF19-tagged protein segregation in diploid cells:

These data are produced from a diploid strain W7909 (*CTF19-YFP/CTF19-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
CFT19-dip-a1	0	CFP & YFP	194.446	65.072
CFT19-dip-a1	m	CFP & YFP	157.653	65.179
CFT19-dip-a1	b	CFP & YFP	147.959	86.815
CFT19-dip-a1	mm	CFP & YFP	147.274	20.404
CFT19-dip-a1	mb	CFP & YFP	156.421	24.986
CFT19-dip-a1	bm	CFP & YFP	165.906	69.007
CFT19-dip-a1	bb	CFP & YFP	202.157	52.452
CFT19-dip-a2r	0	CFP & YFP	127.328	64.563
CFT19-dip-a2r	m	CFP & YFP	182.396	38.316
CFT19-dip-a2r	b	CFP & YFP	127.97	30.739
CFT19-dip-a2l	0	CFP & YFP	218.873	121.811
CFT19-dip-a2l	m	CFP & YFP	126.635	73.694
CFT19-dip-a2l	b	CFP & YFP	181.046	74.318
CFT19-dip-a3l	0	CFP & YFP	152.864	74.191
CFT19-dip-a3l	m	CFP & YFP	144.979	27.596
CFT19-dip-a3l	b	CFP & YFP	222.421	46.511
CFT19-dip-a3r	0	CFP & YFP	170.736	135.257
CFT19-dip-a3r	m	CFP & YFP	181.365	103.449
CFT19-dip-a3r	b	CFP & YFP	158.957	152.155
CFT19-dip-a4t	0	CFP & YFP	197.591	69.253
CFT19-dip-a4t	m	CFP & YFP	180.839	20.516
CFT19-dip-a4t	b	CFP & YFP	183.682	25.119
CFT19-dip-a4t	mm	CFP & YFP	130.569	23.358
CFT19-dip-a4t	mb	CFP & YFP	109.804	16.196
CFT19-dip-a4t	bm	CFP & YFP	97.442	9.168
CFT19-dip-a4t	bb	CFP & YFP	102.164	8.086
CFT19-dip-a5l	0	CFP & YFP	177.227	48.471
CFT19-dip-a5l	m	CFP & YFP	163.113	27.51
CFT19-dip-a5l	b	CFP & YFP	119.822	28.901
CFT19-dip-a6r	bm	CFP & YFP	152.785	17.132
CFT19-dip-a6r	bb	CFP & YFP	149.44	23.16

CFT19-dip-a6r	bbm	CFP & YFP	135.263	12.222
CFT19-dip-a6r	bbb	CFP & YFP	93.366	4.624

CTF19-tagged protein segregation in spores:

These data are produced from spores that are derived from a diploid strain W7909 (*CTF19-YFP/CTF19-CFP*).

experiment identifier	cell nomenclature	fluorescent genotype	CFP value	YFP value
CTF19-B1	0	CFP	286.621	21.13
CTF19-B1	m	CFP	363.049	47.039
CTF19-B1	b	CFP	131.175	31.768
CTF19-B1	mm	CFP	198.872	12.884
CTF19-B1	mb	CFP	111.326	8.691
CTF19-B1	bm	CFP	120.658	7.098
CTF19-B1	bb	CFP	94.592	4.657
CTF19-B1	bmm	CFP	109.464	14.754
CTF19-B1	bmb	CFP	110.326	8.382
CTF19-B1	bbm	CFP	87.659	3.006
CTF19-B1	bbb	CFP	92.093	6.362
CTF19-B4-y2	0	YFP	386.408	49.584
CTF19-B4-y2	m	YFP	538.957	69.138
CTF19-B4-y2	b	YFP	104.737	53.9
CTF19-B4-c3	0	CFP	443.118	29.612
CTF19-B4-c3	m	CFP	248.16	25.558
CTF19-B4-c3	b	CFP	119.59	14.815
CTF19-B4-c4	0	CFP	328.414	29.677
CTF19-B4-c4	m	CFP	186.559	6.726
CTF19-B4-c4	b	CFP	146.026	12.842
CTF19-B5	m	YFP	222.386	51.255
CTF19-B5	b	YFP	92.275	57.645
CTF19-B5	mm	YFP	404.705	47.611
CTF19-B5	mb	YFP	142.433	11.852
CTF19-B5	bm	YFP	121.069	16.197
CTF19-B5	bb	YFP	106.865	16.203
CTF19-B9	m	CFP	376.435	26.691
CTF19-B9	b	CFP	284.845	13.159
CTF19-B9	mm	CFP	211.861	19.658
CTF19-B9	mb	CFP	192.662	13.005
CTF19-B9	bm	CFP	114.589	15.339

CTF19-B9	bb	CFP	150.856	18.258
CTF19-B9	mmm	CFP	254.316	21.472
CTF19-B9	mmb	CFP	165.471	18.168
CTF19-B9	mbm	CFP	234.433	15.661
CTF19-B9	mbb	CFP	159.033	14.736
CTF19-B9	bmm	CFP	169.137	9.036
CTF19-B9	bmb	CFP	111.113	10.916
CTF19-B9	bbm	CFP	117.446	8.727
CTF19-B9	bbb	CFP	109.748	8.999
CTF19-B9	bmmm	CFP	135.59	5.846
CTF19-B9	bmbb	CFP	128.492	4.925
CTF19-B9	bmbmb	CFP	157.717	5.283
CTF19-B9	bmbbb	CFP	180.587	0
CTF19-B9	bbmm	CFP	69.755	4.842
CTF19-B9	bbmb	CFP	95.081	7.307
CTF19-C1	m	CFP	166.058	11.31
CTF19-C1	b	CFP	107.174	12.898
CTF19-C1	mm	CFP	172.433	1.857
CTF19-C1	mb	CFP	121.485	2.248
CTF19-C1	bm	CFP	118.711	0
CTF19-C1	bb	CFP	94.371	4.91
CTF19-C1	mmm	CFP	230.775	27.11
CTF19-C1	mmb	CFP	91.674	7.646
CTF19-C1	mbm	CFP	75.132	7.556
CTF19-C1	mbb	CFP	84.312	5.523
CTF19-C1	bmm	CFP	111.624	6.853
CTF19-C1	bmb	CFP	101.353	11.551
CTF19-C1	bbm	CFP	73.264	1.727
CTF19-C1	bbb	CFP	61.931	3.538
CTF19-C1	mbmm	CFP	77.508	3.548
CTF19-C1	mbmb	CFP	45.653	6.52
CTF19-C2	0	YFP	176.372	69.676
CTF19-C2	m	YFP	226.929	68.739
CTF19-C2	b	YFP	81.881	47.607
CTF19-C2	mm	YFP	685.976	47.69

CTF19-C2	mb	YFP	70.619	13.478
CTF19-C2	bm	YFP	44.681	12.588
CTF19-C2	bb	YFP	40.037	22.114
CTF19-C3	0	YFP	89.543	49.031
CTF19-C3	m	YFP	145.829	50.962
CTF19-C3	b	YFP	45.106	27.482
CTF19-C6	m	YFP	198.287	38.835
CTF19-C6	b	YFP	85.961	23.046
CTF19-C6	mm	YFP	182.271	41.841
CTF19-C6	mb	YFP	91.269	27.729
CTF19-C6	bm	YFP	90.275	13.494
CTF19-C6	bb	YFP	80.098	18.502
CTF19-C6	mmm	YFP	416.982	49.634
CTF19-C6	mmb	YFP	103.786	6.238
CTF19-C6	mbm	YFP	75.101	10.513
CTF19-C6	mbb	YFP	85.807	9.113
CTF19-C9	m	CFP	165.574	16.714
CTF19-C9	b	CFP	76.466	17.263
CTF19-C9	mm	CFP	271.348	22.599
CTF19-C9	mb	CFP	115.566	2.011
CTF19-C9	bm	CFP	97.263	4.339
CTF19-C9	bb	CFP	89.204	2.852

TetR-RFP protein segregation in spores

These data are produced from spores that are derived from a diploid strain W8368

(*TetR-RFP/TetR-RFP*).

experiment identifier	cell nomenclature	fluorescent genotype	RFP value
A-1	0	RFP	191.077
A-1	m	RFP	136.283
A-1	b	RFP	166.131
A-1	mm	RFP	124.941
A-1	mb	RFP	140.373
A-2	m	RFP	311.578
A-2	b	RFP	306.337
A-2	bm	RFP	97.668
A-2	bb	RFP	125.414
A-3-Topright	m	RFP	224.129
A-3-Topright	b	RFP	137.293
A-3-bottomright	m	RFP	416.897
A-3-bottomright	b	RFP	477.909
A-3-center	m	RFP	259.082
A-3-center	b	RFP	191.284
A-3-left	m	RFP	306.17
A-3-left	b	RFP	204.023
A-5-bottomright	m	RFP	243.333
A-5-bottomright	b	RFP	412.844
A-5-topleft	m	RFP	731.071
A-5-topleft	b	RFP	782.197
A-6-topright	m	RFP	136.556
A-6-topright	b	RFP	158.254
A-6-topleft	m	RFP	329.616
A-6-topleft	b	RFP	277.098
A-6-bottom	m	RFP	335.711
A-6-bottom	b	RFP	361.64