

Supplemental Table S1

YAL068C	301 A	2	49.48	51.67	45.21
YAL067C	301 A	3	49.22	50.37	27.86
YAL066W	301 A	4	49.52	51.77	32.42
YAL065C	301 A	5	47.84	50.87	38.82
YAL062W	301 A	6	48.16	50.04	48.87
YAL061W	301 A	7	49.03	52.61	60.74
YAL060W	301 A	8	48.90	50.24	46.11
YAL059W	301 A	9	51.60	53.36	48.87
YAL058W	301 A	10	57.60	49.39	36.06
YAL056W	301 A	11	36.22	36.83	22.37
YAL055W	301 A	12	44.30	46.20	33.33
YAL053W	301 B	1	52.75	53.33	45.21
YAL051W	301 B	2	54.78	56.29	36.06
YAL049C	301 B	3	51.26	53.29	39.71
YAL048C	301 B	4	56.26	57.94	47.05
YAL046C	301 B	5	53.98	56.26	44.30
YAL045C	301 B	6	54.40	56.72	40.65
YGR122W	301 B	7	43.25	42.98	28.78
YAL042W	301 B	8	50.04	52.41	32.42
YAL043C-a	301 B	9	56.68	57.94	47.05
YAL040C	301 B	10	81.31	92.10	96.36
YAL037W	301 B	11	49.68	51.43	38.82
YAL036C	301 B	12	50.60	51.03	35.17
YAL035W	301 C	1	67.77	69.64	38.81
YAL034C	301 C	2	54.50	56.22	44.30
YAL031C	301 C	3	53.33	57.04	44.30
YAL030W	301 C	4	53.36	56.40	57.08
YAL029C	301 C	5	52.92	57.22	47.94
YAL028W	301 C	6	48.83	52.78	47.05
YAL027W	301 C	7	53.12	56.58	47.05
YAL026C	301 C	8	44.63	47.30	26.03
YAL023C	301 C	9	61.64	68.68	63.47
YAL022C	301 C	10	53.05	55.80	47.94
YAL021C	301 C	11	71.77	79.86	83.55
YAL020C	301 C	12	49.78	50.90	33.33
YAL019W	301 D	1	50.53	51.57	45.21
YAL018C	301 D	2	51.26	52.27	46.11
YAL017W	301 D	3	52.20	56.01	50.70
YAL015C	301 D	4	45.21	47.84	23.29
YAL014C	301 D	5	48.51	51.83	44.30
YAL013W	301 D	6	49.71	52.95	49.78
YAL011W	301 D	7	49.81	54.26	45.21
YGR121C	301 D	8	52.34	55.90	27.86
YAL009W	301 D	9	45.40	48.96	27.86
YAL008W	301 D	10	49.32	52.82	41.54
YAL007C	301 D	11	51.57	52.75	36.99
TAL004W	301 D	12	53.09	54.67	42.48
YAL005C	301 E	1	54.29	55.59	49.78

YAL002W	301 E	2	54.29	60.18	56.19
YAR002W	301 E	3	54.85	60.07	37.91
YAR003W	301 E	4	48.03	52.95	57.08
YAR014C	301 E	5	52.61	57.69	48.87
YAR015W	301 E	6	60.74	62.17	52.51
YAR018C	301 E	7	56.12	59.70	56.19
YAR020C	301 E	8	53.88	57.87	42.48
YAR023C	301 E	9	54.22	58.20	47.05
YAR027W	301 E	10	50.40	53.22	29.67
YAR028W	301 E	11	53.98	56.12	39.71
YAR029W	301 E	12	50.80	51.57	39.71
YAR031W	301 F	1	49.75	50.73	40.65
YAR030C	301 F	2	51.23	54.99	42.48
YAR035W	301 F	3	47.78	51.53	51.60
YAR037W	301 F	4	49.88	52.82	36.99
YAR040C	301 F	5	55.80	58.41	42.48
YAR042W	301 F	6	51.43	54.57	43.40
YAR043C	301 F	7	53.74	57.01	54.36
YAR044W	301 F	8	52.41	54.85	42.48
YAR047C	301 F	9	51.93	56.26	47.94
YLL001W	301 F	10	48.93	49.29	36.06
YLL002W	301 F	11	65.18	71.19	55.27
YLL005C	301 F	12	48.93	50.37	42.48
YLL010C	301 G	1	47.74	47.49	34.24
YLL012W	301 G	2	51.03	53.40	44.30
YLL013C	301 G	3	55.34	58.45	53.43
YLL014W	301 G	4	52.51	55.34	39.74
YLL015W	301 G	5	52.95	54.54	39.71
YLL016W	301 G	6	30.56	30.54	14.15
YLL017W	301 G	7	56.15	56.65	47.05
YLL019C	301 G	8	47.46	48.51	38.82
YLL020C	301 G	9	48.58	48.80	29.67
YLL021W	301 G	10	55.16	57.11	48.87
YLL023C	301 G	11	51.70	51.70	38.82
YLL024C	301 G	12	51.00	51.94	35.17
YLL025W	301 H	2	51.16	51.97	41.54
YLL026W	301 H	3	52.75	52.82	45.21
YLL028W	301 H	4	52.24	53.26	40.65
YLL029W	301 H	5	44.85	48.06	37.91
YLL032C	301 H	6	51.00	51.47	43.40
YLL038C	301 H	7	52.17	52.71	35.17
YLL039C	301 H	8	48.22	51.16	36.99
YLL040C	301 H	9	63.71	69.37	58.91
YLL041C	301 H	10	47.59	50.01	27.86
YLL042C	301 H	11	48.13	49.32	40.65
YLL043W	301 H	12	48.22	48.90	44.30
YLL045C	302 A	1	49.81	52.54	43.40
YLL046C	302 A	3	53.16	56.54	40.65
YLL047W	302 A	4	53.88	57.44	50.70
YLL051C	302 A	5	55.13	58.20	40.65
YLL052C	302 A	6	53.77	57.44	41.54
YLL053C	302 A	7	52.37	55.97	56.19

YLL054C	302 A	8	57.65	63.31	57.98
YLL055W	302 A	9	48.29	50.57	45.21
YLL056C	302 A	10	47.52	49.35	41.54
YLL057C	302 A	11	49.65	51.63	47.94
YLL058W	302 A	12	52.44	55.80	36.99
YLL060C	302 B	1	52.82	56.19	36.06
YLL061W	302 B	2	52.82	57.51	41.54
YLL062C	302 B	3	51.10	56.26	44.30
YLL063C	302 B	4	54.60	58.78	52.51
YLR001C	302 B	5	52.82	55.48	53.43
YLR003C	302 B	6	53.46	56.51	52.51
YLR004C	302 B	7	52.85	56.54	47.94
YLR006C	302 B	8	48.54	52.04	38.82
YLR011W	302 B	9	56.04	59.96	59.81
YLR012C	302 B	10	54.71	58.93	47.05
YLR013W	302 B	11	52.68	56.12	54.36
YLR014C	302 B	12	56.58	58.82	55.27
YLR015W	302 C	1	51.57	55.16	45.21
YLR016C	302 C	2	55.44	60.89	53.43
YLR017W	302 C	3	53.64	56.86	51.60
YLR018C	302 C	4	55.51	58.09	55.27
YLR019W	302 C	5	47.49	49.65	39.71
YLR020C	302 C	6	53.60	57.15	57.08
YLR021W	302 C	7	53.98	58.23	50.70
YLR023C	302 C	8	54.54	57.33	46.11
YLR024C	302 C	9	59.51	64.71	47.94
YLR025W	302 C	10	43.82	48.48	54.33
YLR028C	302 C	11	47.40	49.55	28.78
YLR042C	302 C	12	52.04	54.43	37.91
YLR043C	302 D	1	50.70	54.33	33.33
YLR044C	302 D	2	51.40	54.99	50.70
YLR046C	302 D	3	51.53	54.95	48.87
YLR047C	302 D	4	54.95	59.26	47.94
YLR048W	302 D	5	50.90	53.95	47.94
YLR049C	302 D	6	56.90	62.24	50.70
YLR053C	302 D	7	55.97	59.15	49.78
YLR054C	302 D	8	56.01	59.96	55.27
YLR055C	302 D	9	49.26	49.71	41.54
YLR056W	302 D	10	46.36	48.22	36.99
YLR057W	302 D	11	53.57	58.20	50.70
YLR058C	302 D	12	56.72	59.92	55.27
YLR059C	302 E	1	53.40	57.76	44.30
YLR061W	302 E	2	41.72	44.09	35.17
YLR062C	302 E	3	44.42	47.21	40.65
YLR063W	302 E	4	47.87	51.70	47.94
YLR064W	302 E	5	51.94	54.85	53.43
YLR065C	302 E	6	48.45	51.10	37.91
YLR068W	302 E	7	49.03	51.83	45.21
YLR070C	302 E	8	49.42	51.83	56.19
YLR072W	302 E	9	53.33	56.76	47.05
YLR073C	302 E	10	51.20	53.64	46.11
YLR074C	302 E	11	60.10	65.25	59.81

YLR077W	302 E	12	53.12	57.26	47.05
YLR079W	302 F	1	53.53	55.87	25.11
YLR080W	302 F	2	56.19	60.89	59.81
YLR081W	302 F	3	53.02	56.90	48.87
YLR082C	302 F	4	45.80	48.58	41.54
YLR083C	302 F	5	49.78	52.48	49.78
YLR084C	302 F	6	53.46	56.97	46.11
YLR085C	302 F	7	49.09	52.58	38.82
YLR087C	302 F	8	50.44	53.67	50.70
YLR089C	302 F	9	52.54	55.55	50.70
YLR090W	302 F	10	48.19	51.20	44.30
YLR092W	302 F	11	54.64	58.01	50.70
YLR093C	302 F	12	49.03	50.60	34.24
YLR094C	302 G	1	51.67	55.51	50.70
YLR095C	302 G	2	62.78	68.08	57.08
YLR096W	302 G	3	55.55	60.89	60.74
YLR097C	302 G	4	52.04	55.80	58.93
YLR098C	302 G	5	53.53	56.54	42.48
YLR099C	302 G	6	54.88	58.30	51.60
YLR102C	302 G	7	64.51	69.41	59.81
YLR104W	302 G	8	54.81	58.78	53.43
YLR107W	302 G	9	49.68	52.78	46.11
YLR108C	302 G	10	51.57	54.85	40.65
YLR109W	302 G	11	50.01	52.68	51.60
YLR111W	302 G	12	53.88	57.11	36.99
YLR112W	302 H	2	54.05	57.04	42.48
YLR113W	302 H	3	49.13	52.00	43.40
YLR114C	302 H	4	54.26	56.93	44.30
YLR118C	302 H	5	57.22	59.81	48.87
YLR119W	302 H	6	54.54	60.59	54.36
YLR120C	302 H	7	51.83	54.71	51.60
YLR121C	302 H	8	53.05	55.90	45.21
YLR122C	302 H	9	55.37	57.83	39.71
YLR123C	302 H	10	52.85	55.06	41.54
YLR124W	302 H	11	50.83	53.09	50.70
YLR125W	302 H	12	50.20	52.64	48.87
YML089C	303 A	1	46.83	49.97	51.60
YML088W	303 A	2	48.77	50.97	47.05
YML087C	303 A	4	46.80	49.65	47.05
YML084W	303 A	5	49.03	51.03	44.30
YML083C	303 A	6	51.40	54.26	40.65
YML082W	303 A	7	48.29	51.00	56.19
YML081W	303 A	8	47.65	50.17	57.98
YML080W	303 A	9	47.27	50.14	38.82
YML097W	303 A	10	57.43	50.21	37.90
YML078W	303 A	11	48.61	50.73	40.65
YML063W	303 A	12	46.23	48.42	40.65
YML062C	303 B	1	50.67	53.40	52.51
YML060W	303 B	2	49.26	53.09	39.71
YML059C	303 B	3	49.39	52.78	45.21
YML058W	303 B	4	48.77	51.63	50.70
YML057W	303 B	5	55.29	50.46	44.30

YML058C-A	303 B	6	44.63	47.87	42.48
YML056C	303 B	7	45.03	48.93	40.65
YML055W	303 B	8	46.70	50.90	50.70
YML054C	303 B	9	45.00	48.93	48.87
YML053C	303 B	10	43.55	47.14	41.54
YML052W	303 B	11	46.30	49.65	43.40
YML051W	303 B	12	34.86	36.94	18.71
YML050W	303 C	1	65.46	55.95	47.95
YML048W	303 C	2	68.09	59.28	28.77
YML048W-A	303 C	3	62.16	55.11	45.21
YML037C	303 C	4	46.83	50.60	46.11
YML034W	303 C	5	47.11	51.10	35.17
YML035C-A	303 C	6	48.96	53.50	56.19
YML033W	303 C	7	51.57	56.54	58.93
YML030W	303 C	9	47.24	51.83	39.71
YML029W	303 C	10	45.61	49.52	38.82
YML028W	303 C	11	46.83	49.22	36.06
YML026C	303 C	12	48.32	50.40	50.70
YML024W	303 D	1	47.43	51.40	51.60
YML020W	303 D	2	49.81	52.82	50.70
YML019W	303 D	3	44.75	47.02	36.99
YML018C	303 D	4	47.14	49.94	47.94
YML017W	303 D	5	62.86	66.27	66.22
YML016C	303 D	6	45.61	48.80	45.21
YML014W	303 D	7	73.98	69.00	67.13
YML013W	303 D	8	55.51	61.41	50.70
YML012W	303 D	10	50.80	55.34	51.60
YML011C	303 D	11	47.78	50.37	43.40
YML010W-A	303 D	12	52.75	58.71	58.93
YML009c	303 E	1	51.50	53.77	51.60
YML008C	303 E	2	44.36	48.54	43.40
YML007W	303 E	3	48.64	52.00	50.70
YML006C	303 E	4	52.17	56.15	56.19
YML005W	303 E	5	45.80	48.84	48.87
YML004C	303 E	6	46.08	48.90	47.05
YML003W	303 E	7	45.40	48.38	39.71
YML002W	303 E	8	46.58	49.65	37.91
YML001W	303 E	9	47.81	52.04	52.51
YMR002W	303 E	10	47.33	50.24	47.05
YMR003W	303 E	11	39.29	40.00	24.21
YMR006C	303 E	12	48.74	51.03	47.05
YMR007W	303 F	1	49.35	51.06	50.70
YMR008C	303 F	2	49.42	51.77	42.48
YMR009W	303 F	3	45.71	48.87	50.70
YMR010W	303 F	4	46.05	49.09	41.54
YMR011W	303 F	5	46.05	48.84	48.87
YMR012W	303 F	6	45.58	47.65	47.94
YMR015C	303 F	7	48.42	52.31	49.78
YMR016C	303 F	8	50.90	55.44	47.94
YMR017W	303 F	9	46.08	49.68	48.87
YMR018W	303 F	10	45.55	48.61	52.51
YMR019W	303 F	11	44.63	47.49	32.42

YMR020W	303 F	12	48.26	51.06	49.78
YMR022W	303 G	1	47.08	49.61	49.78
YMR023C	303 G	2	49.48	53.12	56.19
YMR024W	303 G	3	45.34	47.24	41.54
YMR025W	303 G	4	47.94	51.16	47.94
YMR026C	303 G	5	43.01	46.64	37.91
YMR027W	303 G	6	44.54	47.11	26.03
YMR029C	303 G	7	46.83	49.29	32.42
YMR030W	303 G	8	45.00	48.00	46.11
YMR031W-A	303 G	9	50.01	53.95	31.52
YMR031C	303 G	10	44.54	47.65	44.30
YMR032W	303 G	11	98.72	92.69	15.99
YMR034C	303 G	12	48.64	51.30	50.70
YMR036C	303 H	2	59.15	64.12	50.70
YMR039C	303 H	3	53.64	55.59	43.40
YMR040W	303 H	4	47.46	50.24	52.51
YMR041C	303 H	5	48.29	50.30	48.87
YMR042W	303 H	6	51.37	52.88	49.78
YMR044W	303 H	7	51.53	54.12	53.43
YMR140W	303 H	8	46.86	48.19	25.11
YMR141C	303 H	9	50.47	52.58	43.40
YMR143W	303 H	10	45.68	47.24	33.33
YMR144W	303 H	11	52.44	55.41	52.51
YMR145C	303 H	12	47.11	49.29	28.78
YMR147W	304 A	1	48.48	50.67	50.70
YMR148W	304 A	2	50.90	53.22	44.30
YMR152W	304 A	3	62.24	66.46	65.31
YMR153W	304 A	5	46.73	49.09	51.60
YMR153C-A	304 A	6	45.12	47.49	50.70
YMR155W	304 A	7	48.48	50.73	49.78
YMR156C	304 A	8	57.15	62.43	70.77
YMR157C	304 A	9	46.42	49.26	52.51
YMR158W-A	304 A	10	46.70	49.61	53.43
YMR159C	304 A	11	46.48	48.61	47.05
YMR161W	304 A	12	46.92	48.61	52.51
YMR126C	304 B	1	48.06	51.60	47.94
YMR163C	304 B	2	65.04	57.20	58.91
YMR164C	304 B	3	47.65	50.40	54.36
YMR166C	304 B	4	46.61	48.80	43.40
YMR167W	304 B	5	41.17	42.92	18.71
YMR169C	304 B	6	46.58	49.29	50.70
YMR170C	304 B	7	49.29	52.20	51.60
YMR172C-A	304 B	8	46.02	48.61	49.78
YMR173W-A	304 B	9	44.60	46.99	37.91
YMR174C	304 B	10	45.95	49.52	52.51
YMR175W	304 B	11	44.79	47.46	43.40
YMR176W	304 B	12	45.86	47.84	40.65
YMR177W	304 C	1	46.17	48.54	48.87
YMR178W	304 C	2	49.45	51.63	43.40
YMR179W	304 C	3	64.26	56.12	51.61
YMR180C	304 C	4	46.73	48.80	44.30
YMR182C	304 C	5	45.18	47.84	43.40

YMR183C	304 C	6	42.48	44.94	26.03
YMR184W	304 C	7	46.26	48.16	47.94
YMR186W	304 C	8	44.75	46.89	45.21
YMR187C	304 C	9	45.68	48.00	36.99
YMR189W	304 C	10	46.11	48.16	42.48
YMR190C	304 C	11	54.81	59.00	47.94
YMR191W	304 C	12	48.06	50.30	46.11
YMR192W	304 D	1	49.52	50.73	44.30
YMR194W	304 D	2	46.51	49.19	47.94
YMR193C-A	304 D	3	43.67	46.45	49.78
YMR195W	304 D	4	48.38	51.53	57.98
YMR196W	304 D	5	46.11	49.06	45.21
YMR199W	304 D	6	54.57	60.63	26.03
YMR201C	304 D	7	46.14	48.54	47.05
YMR202W	304 D	8	41.98	44.72	30.58
YMR204C	304 D	9	46.08	48.80	47.94
YMR205C	304 D	10	47.84	50.97	45.21
YMR206W	304 D	11	45.89	48.29	44.30
YMR207C	304 D	12	42.07	43.46	46.11
YMR210W	304 E	1	47.43	49.35	43.40
YMR214W	304 E	2	56.72	61.49	62.55
YMR215W	304 E	3	44.39	46.80	45.21
YMR216C	304 E	4	41.95	44.60	35.17
YMR219W	304 E	5	51.90	56.12	47.94
YMR221C	304 E	6	45.58	48.06	47.05
YMR222C	304 E	7	46.30	49.19	52.51
YMR223W	304 E	8	40.74	42.92	41.54
YMR224C	304 E	9	40.25	43.13	45.21
YMR225C	304 E	10	44.69	47.55	47.05
YMR226C	304 E	11	45.03	48.22	51.60
YMR230W	304 E	12	44.97	46.36	45.21
YMR232W	304 F	1	48.42	50.73	50.70
YMR233W	304 F	2	47.36	49.91	49.78
YMR234W	304 F	3	45.68	48.00	51.60
YMR237W	304 F	4	47.14	49.48	48.87
YMR238W	304 F	5	45.00	47.33	41.54
YMR41W	304 F	6	44.09	47.08	47.94
YMR242C	304 F	7	72.47	63.44	51.61
YMR243C	304 F	8	44.45	47.52	42.48
YMR244W	304 F	9	43.94	47.02	54.36
YMR245W	304 F	10	48.42	47.87	33.33
YMR244C-A	304 F	11	46.23	45.21	33.33
YMR246W	304 F	12	47.84	49.71	45.21
YMR247C	304 G	1	46.73	47.94	50.70
YMR250W	304 G	2	47.94	50.17	43.40
YMR251W	304 G	3	48.16	50.37	49.78
YMR251W-A	304 G	4	47.24	49.52	51.60
YMR252C	304 G	5	49.94	52.07	47.05
YMR253C	304 G	6	47.62	49.35	47.05
YMR254C	304 G	7	45.58	48.19	49.78
YMR255W	304 G	8	45.58	48.26	47.94
YMR258C	304 G	9	41.25	42.74	29.67

YMR259C	304 G	10	44.60	47.43	39.71
YMR261C	304 G	11	45.86	48.54	48.87
YMR262W	304 G	12	45.61	47.87	47.05
YMR263W	304 H	2	50.83	54.67	30.58
YMR264W	304 H	3	70.63	62.73	69.87
YMR265C	304 H	4	48.00	50.57	52.51
YMR266W	304 H	5	48.84	50.70	50.70
YMR269W	304 H	6	46.36	48.87	47.05
YMR272C	304 H	7	51.97	53.46	40.65
YMR273C	304 H	8	51.20	54.57	48.87
YMR274C	304 H	9	76.12	65.18	15.07
YMR275C	304 H	10	62.89	56.37	26.03
YMR276W	304 H	11	49.39	52.27	48.87
YMR278W	304 H	12	47.65	50.20	43.40
YMR280C	305 A	1	43.27	44.28	21.46
YMR283C	305 A	2	45.34	46.83	41.56
YMR284W	305 A	3	48.17	49.35	30.59
YMR285C	305 A	4	42.18	45.56	46.12
YMR289W	305 A	6	41.2	45.73	50.69
YMR291W	305 A	7	57.06	45.93	36.99
YMR292W	305 A	8	45.29	45.38	41.56
YMR294W	305 A	9	54.26	56.88	37.9
YMR294W-A	305 A	10	54.14	44.95	37.90
YMR295C	305 A	11	51.69	43.92	33.34
YMR297W	305 A	12	43.4	45.17	46.12
YMR299C	305 B	1	48.49	49.13	40.64
YMR302C	305 B	2	45.61	47.78	48.87
YMR303C	305 B	3	53.28	46.64	43.38
YMR304W	305 B	4	37.02	39.57	26.94
YMR304C-A	305 B	5	52.52	45.04	49.78
YMR305C	305 B	6	49.79	51.26	47.04
YMR306C-A	305 B	7	41.66	43.37	32.42
YMR307W	305 B	8	53.34	57.15	16.89
YMR310C	305 B	9	40.01	41.57	41.56
YNL339C	305 B	10	40.55	43	26.94
YNL338W	305 B	11	41.42	43.6	23.29
YNL336W	305 B	12	52.40	45.33	51.61
YNL335W	305 C	1	43.29	43.89	35.16
YNL334C	305 C	2	43.3	44.91	40.64
YNL333W	305 C	3	43.35	44.89	39.73
YNL332W	305 C	4	44.14	46.24	39.73
YNL329C	305 C	5	40.75	44.55	47.04
YNL328C	305 C	6	41.03	43.38	41.56
YNL327W	305 C	7	42.85	45.43	39.73
YNL326C	305 C	8	39.07	41.38	43.38
YNL324W	305 C	9	46.95	50.18	46.12
YNL325C	305 C	10	43.99	46.41	23.29
YNL323W	305 C	11	42.93	47.77	46.12
YNL322C	305 C	12	39.89	41.88	37.9
YNL321W	305 D	1	46.27	47.2	45.21
YNL319W	305 D	2	44.69	46.4	20.55
YNL318C	305 D	3	43.8	45.81	44.3

YNL314W	305 D	4	57.51	61.55	42.47
YNL311C	305 D	5	43.34	45.53	41.56
YNL307C	305 D	6	28.91	27.63	15.07
YNL305C	305 D	7	42.03	45.36	39.73
YNL304W	305 D	8	42.05	44.89	48.87
YNL303W	305 D	9	44.26	47.07	47.95
YNL301C	305 D	10	51.78	46.40	45.21
YNL299W	305 D	11	47.38	51.36	25.11
YGR077C	305 D	12	42.76	45.79	25.11
YGR118W	305 E	1	43.05	43.29	38.81
YNL295W	305 E	2	47.99	49.18	45.21
YNL294C	305 E	3	37.37	38.19	34.25
YNL293W	305 E	4	46.08	49.18	43.38
YNL292W	305 E	5	44.03	46.45	46.12
YNL291C	305 E	6	41.82	44.38	41.56
YNL289W	305 E	7	41.79	44.45	27.86
YNL288W	305 E	8	42.33	46.06	47.95
YNL286W	305 E	9	42.98	46.24	25.11
YNL285W	305 E	10	40.41	44.38	46.12
YNL283C	305 E	11	56.29	62.23	65.31
YNL281W	305 E	12	42.76	46.34	50.69
YGR112W	305 F	1	49.56	48.43	43.38
YNL278W	305 F	2	43.92	44.92	49.78
YNL275W	305 F	3	42.47	43.98	44.3
YNL273W	305 F	4	46.56	48.39	43.38
YNL271C	305 F	5	48.03	48.56	37.9
YNL270C	305 F	6	41.4	43.73	40.64
YNL269W	305 F	7	42.51	44.92	47.95
YNL266W	305 F	8	38.63	41.32	41.56
YNL265C	305 F	9	42.17	44.03	40.64
YNL264C	305 F	10	41.02	43.91	44.3
YNL259C	305 F	11	40.68	43.58	21.46
YNL257C	305 F	12	43.84	44.79	22.38
YNL255C	305 G	1	43.61	44.25	40.64
YNL254C	305 G	2	39.79	40.1	27.86
YNL253W	305 G	3	44	45.55	43.38
YNL249C	305 G	4	42.93	43.7	41.56
YNL248C	305 G	5	38.52	39.47	36.99
YGR072W	305 G	6	46.93	48.84	45.21
YOR001W	305 G	7	40.13	42.23	34.25
YOR002W	305 G	8	47.31	49.8	15.07
YOR003W	305 G	9	43.28	44.6	39.73
YOR005C	305 G	10	43	44.78	42.47
YOR006C	305 G	11	40.29	41.83	33.34
YOR007C	305 G	12	44.22	44.82	38.81
YOR008C	305 H	2	34.29	28.85	14.16
YOR009W	305 H	3	46.44	46.87	43.38
YOR010C	305 H	4	45.81	46.59	35.16
YOR011W	305 H	5	46.81	47.53	48.87
YOR012W	305 H	6	41.64	43.2	19.63
YOR013W	305 H	7	43.12	44.26	23.29
YOR014W	305 H	8	63.39	67.66	47.95

YOR015W	305 H	9	45.32	46.58	47.04
YOR016C	305 H	10	44.42	44.53	24.2
YOR017W	305 H	11	44.57	45	40.64
YOR018W	305 H	12	44.1	45.27	45.21
YOR019W	306 A	1	49.18	48.28	37.9
YOR021C	306 A	2	49.12	48.27	26.94
YOR022C	306 A	3	46.33	46.72	31.51
YOR023C	306 A	4	52.11	51.44	37.9
YOR024W	306 A	5	51.54	50.95	44.3
YOR025W	306 A	7	53.58	53.38	47.04
YOR027W	306 A	8	46.26	47.63	49.78
YOR028C	306 A	9	50.51	49.73	47.04
YOR029W	306 A	10	51.18	51.03	37.9
YOR030W	306 A	11	41.51	40.91	39.73
YOR031W	306 A	12	44.2	44.84	34.25
YOR032C	306 B	1	55.86	47.12	40.64
YOR033C	306 B	2	57.50	48.75	47.04
YOR034C	306 B	3	58.28	48.93	47.04
YOR036W	306 B	5	63.75	54.00	32.42
YOR037W	306 B	6	58.67	47.71	47.04
YOR038C	306 B	7	57.52	51.12	45.21
YOR039W	306 B	8	54.31	44.42	44.30
YOR040W	306 B	9	61.21	49.21	48.87
YOR041C	306 B	10	57.36	48.42	47.04
YOR042W	306 B	11	59.68	49.01	50.69
YOR043W	306 B	12	34.34	34.85	17.81
YOR044W	306 C	1	55.44	45.63	42.47
YOR045W	306 C	2	58.12	47.69	46.12
YOR047C	306 C	3	52.83	44.95	22.38
YOR049C	306 C	4	58.58	46.88	45.21
YOR050C	306 C	5	58.88	47.42	37.90
YOR051C	306 C	6	58.41	45.82	32.42
YOR052C	306 C	7	62.11	48.68	42.47
YOR053W	306 C	8	54.05	45.80	35.16
YOR054C	306 C	9	42.86	44.3	44.3
YOR055W	306 C	10	52.01	45.37	41.56
YOR058C	306 C	11	57.44	47.38	26.03
YOR059C	306 C	12	55.53	45.56	43.38
YOR061W	306 D	1	60.79	48.98	50.69
YOR062C	306 D	2	58.21	47.20	39.73
YOR064C	306 D	3	60.96	49.37	44.30
YOR066W	306 D	4	63.11	51.74	47.95
YOR067C	306 D	5	66.58	53.48	47.04
YOR068C	306 D	6	59.22	54.11	42.47
YOR069W	306 D	7	58.01	53.19	52.51
YOR070C	306 D	8	46.48	41.20	29.68
YOR071C	306 D	9	57.44	48.75	39.73
YOR072W	306 D	10	54.29	45.61	43.38
YOR076C	306 D	11	66.36	53.62	54.35
YOR078W	306 D	12	54.84	45.83	47.04
YOR079C	306 E	1	54.11	44.18	43.38
YOR080W	306 E	2	47.45	38.07	34.25

YOR081C	306 E	3	54.55	47.46	50.69
YOR082C	306 E	4	47.45	38.07	34.25
YOR083W	306 E	5	33.61	32.83	27.86
YOR084W	306 E	6	44.16	45.03	43.38
YOR085W	306 E	7	41.5	43.12	39.73
YOR086C	306 E	8	43.61	44.98	42.47
YOR087W	306 E	9	46.03	47.44	43.38
YOR088W	306 E	10	45.07	46.44	48.87
YOR089C	306 E	11	47.1	51.29	48.87
YOR090C	306 E	12	43.3	43.79	45.21
YOR091W	306 F	1	45.4	45.19	26.94
YOR092W	306 F	2	48.26	49.35	43.38
YOR093C	306 F	3	46.05	46.9	47.04
YOR094W	306 F	4	46.32	46.88	46.12
YOR289W	306 F	5	45.88	46.69	41.56
YOR290C	306 F	6	44.09	42.51	32.42
YOR291W	306 F	7	45.73	46.89	44.3
YOR292C	306 F	8	44.44	45.39	27.86
YOR293W	306 F	9	40.17	40.48	17.81
YOR295W	306 F	10	40.57	39.22	26.94
YOR296W	306 F	11	48.14	48.54	36.99
YOR297C	306 F	12	38.08	37.11	34.25
YOR298W	306 G	1	44.7	45.16	32.42
YOR301W	306 G	2	47.5	48.42	44.3
YOR304C-A	306 G	3	47.7	49.25	42.47
YOR304W	306 G	4	44.11	45.58	47.95
YOR307C	306 G	5	43.57	45.83	42.47
YOR308C	306 G	6	40.99	42	35.16
YOR311C	306 G	7	42.96	44.41	19.63
YOR312C	306 G	8	41.79	42.74	33.34
YOR313C	306 G	9	45.2	46.42	44.3
YOR314W	306 G	10	48.68	48.87	44.3
YOR315W	306 G	11	46.77	46.57	41.56
YOR316C	306 G	12	43	43.87	22.38
YOR318C	306 H	2	44.38	45.09	31.51
YOR320C	306 H	3	52.86	51.82	44.3
YOR321W	306 H	4	45.37	45.88	40.64
YOR322C	306 H	5	49.83	51.58	39.73
YOR323C	306 H	6	47.46	48.07	40.64
YOR324C	306 H	7	47.07	47.9	36.99
YOR327C	306 H	8	42.33	41.75	35.16
YOR328W	306 H	9	45.45	45.47	43.38
YOR332W	306 H	10	41.37	42.24	34.25
YOR334W	306 H	11	45.32	44.79	39.73
YOR337W	306 H	12	45.55	45.46	39.73
YOR338W	307 A	1	54.26	54.88	51.60
YOR339C	307 A	2	54.36	54.57	51.60
YOR342C	307 A	3	52.34	53.53	50.70
YOR343C	307 A	4	54.40	54.33	49.78
YOR344C	307 A	5	51.87	53.16	52.51
YOR346W	307 A	6	52.00	53.09	48.87
YOR347C	307 A	8	53.43	53.67	47.94

YOR348C	307 A	9	53.16	54.43	51.60
YOR350C	307 A	10	50.47	51.47	47.94
YOR351C	307 A	11	51.77	53.05	53.43
YOR352W	307 A	12	51.00	51.73	47.94
YOR354C	307 B	1	61.74	49.37	38.81
YOR355W	307 B	2	53.57	55.80	50.70
YOR356W	307 B	3	51.13	53.05	39.71
YOR357C	307 B	4	51.77	53.22	45.21
YOR359W	307 B	6	52.58	54.22	51.60
YOR360C	307 B	7	70.68	55.83	19.63
YOR363C	307 B	8	51.50	54.36	47.94
YOR364W	307 B	9	45.18	46.23	25.11
YOR365C	307 B	10	48.58	50.90	54.36
YOR367W	307 B	11	49.45	51.33	46.11
YOR368W	307 B	12	47.08	49.61	29.67
YOR369C	307 C	1	53.05	53.91	37.91
YOR371C	307 C	2	79.12	63.80	26.03
YOR374W	307 C	3	52.92	53.71	49.78
YOR375C	307 C	4	69.93	56.47	51.61
YOR376W	307 C	5	51.60	53.53	52.51
YOR377W	307 C	6	67.53	55.58	19.63
YOR378W	307 C	7	49.94	52.04	47.05
YOR380W	307 C	8	49.75	51.63	47.05
YOR381W	307 C	9	47.71	49.65	45.21
YOR382W	307 C	10	48.61	50.30	47.94
YOR383C	307 C	11	48.10	50.53	29.67
YOR384W	307 C	12	50.77	51.47	41.54
YOR385W	307 D	1	54.22	54.60	47.05
YOR386W	307 D	2	54.02	54.26	47.05
YOL001W	307 D	3	75.87	60.95	31.51
YOL002C	307 D	4	54.60	54.43	47.05
YOL003C	307 D	5	46.30	48.26	44.30
YOL004W	307 D	6	57.22	61.38	62.55
YOL006C	307 D	7	49.09	51.50	52.51
YOL007C	307 D	8	49.91	51.37	50.70
YOL008W	307 D	9	50.37	49.52	32.42
YOL011W	307 D	10	50.07	51.53	47.94
YOL012C	307 D	11	44.09	46.48	44.30
YOL013C	307 D	12	48.93	50.44	45.21
YOL014W	307 E	1	53.05	52.75	50.70
YOL015W	307 E	2	55.87	55.94	50.70
YOL017W	307 E	3	50.87	52.27	55.27
YOL018C	307 E	4	42.95	45.27	30.58
YOL019W	307 E	5	54.02	54.85	46.11
YOL020W	307 E	6	52.75	56.08	55.27
YOL024W	307 E	7	50.90	52.71	47.05
YOL025W	307 E	8	52.99	54.81	59.81
YOL027C	307 E	9	49.35	49.52	45.21
YOL028C	307 E	10	51.03	51.94	47.05
YOL029C	307 E	11	74.68	63.58	62.56
YOL030W	307 E	12	52.17	52.68	51.60
YOL031C	307 F	1	60.90	49.53	49.78

YOL032W	307 F	2	44.66	47.02	25.11
YOL035C	307 F	3	49.82	51.17	47.95
YOL036W	307 F	4	45.49	49.78	49.78
YOL037C	307 F	5	45.80	47.97	17.81
YOL039W	307 F	6	46.14	46.92	49.78
YOL041C	307 F	7	44.18	45.80	43.40
YOL042W	307 F	8	58.32	49.78	47.04
YOL043C	307 F	9	51.06	53.78	57.09
YOL044W	307 F	10	48.45	51.33	36.99
YOL045W	307 F	11	47.81	50.17	49.78
YOL046C	307 F	12	48.19	50.17	54.36
YOL047C	307 G	1	49.35	50.50	49.78
YOL048C	307 G	2	49.61	51.16	45.21
YOL048W	307 G	3	50.53	52.61	51.60
YOL050C	307 G	4	44.82	47.71	45.21
YOL051W	307 G	5	44.42	46.51	46.11
YOL052C	307 G	6	57.03	46.94	21.46
YOL053C-A	307 G	7	47.87	49.81	48.87
YOL053W	307 G	8	45.15	46.92	44.30
YOL054W	307 G	9	56.55	45.55	38.81
YOL055C	307 G	10	46.17	47.24	37.91
YOL056W	307 G	11	45.46	47.81	50.70
YOL057W	307 G	12	46.11	47.84	50.70
YOL058W	307 H	2	46.99	48.80	52.51
YOL059W	307 H	3	49.32	51.03	55.27
YOL060C	307 H	4	52.51	54.36	52.51
YOL061W	307 H	5	46.83	48.74	21.46
YOL062C	307 H	6	47.97	50.07	55.27
YOL063C	307 H	7	47.78	49.75	19.63
YOL064C	307 H	8	45.71	49.48	38.82
YOL065C	307 H	9	47.05	48.90	49.78
YOL067C	307 H	10	41.14	42.42	23.29
YOL068C	307 H	11	51.83	52.58	43.40
YOL070C	307 H	12	46.95	49.22	47.94
YOL071W	308 A	1	44.54	46.58	26.03
YOL072W	308 A	2	58.89	62.32	51.60
YOL075C	308 A	3	63.76	54.17	54.35
YGR078C	308 A	4	53.19	54.40	39.71
YOL079W	308 A	5	47.84	49.39	42.48
YOL080C	308 A	6	51.16	52.04	50.70
YGR107W	308 A	7	47.14	48.80	30.58
YOL082W	308 A	9	53.50	53.98	39.71
YOL083W	308 A	10	51.16	53.95	52.51
YOL084W	308 A	11	48.77	51.00	53.43
YOL085C	308 A	12	46.73	48.87	47.05
YPL274W	308 B	1	45.95	48.22	37.91
YPL273W	308 B	2	51.93	46.80	38.81
YPL272C	308 B	3	47.49	51.16	42.48
YPL270W	308 B	5	42.63	44.88	20.54
YPL269W	308 B	6	58.56	64.28	73.54
YPL267W	308 B	7	46.73	49.39	45.21
YPL265W	308 B	8	48.06	52.44	23.29

YPL264C	308 B	9	47.36	50.40	46.11
YPL263C	308 B	10	45.77	48.48	45.21
YPL260W	308 B	11	50.11	53.43	47.05
YPL261C	308 B	12	50.01	52.27	56.19
YPL259C	308 C	1	47.65	49.75	48.87
YPL258C	308 C	2	46.80	51.00	42.48
YPL257W	308 C	3	53.03	48.87	26.03
YPL256C	308 C	4	46.92	50.70	47.05
YPL254W	308 C	5	36.27	35.25	20.54
YPL253C	308 C	6	52.37	56.68	56.19
YPL250C	308 C	7	42.18	46.30	45.21
YPL249C	308 C	8	42.10	45.89	46.11
YPL248C	308 C	9	47.65	50.30	45.21
YPL247C	308 C	10	74.61	62.42	15.07
YPL246C	308 C	11	52.20	43.90	17.81
YPL245W	308 C	12	46.95	49.58	44.30
YPL244C	308 D	1	48.35	50.30	51.60
YPL241C	308 D	2	50.83	55.48	56.19
YPL240C	308 D	3	45.34	49.22	45.21
YPL239W	308 D	4	44.27	47.55	25.11
YPL236C	308 D	5	46.99	49.71	46.11
YPL234C	308 D	6	47.74	49.71	38.82
YPL232W	308 D	7	45.49	48.74	52.51
YPL230W	308 D	8	53.13	48.59	31.51
YPL229W	308 D	9	43.01	46.33	37.91
YPL227C	308 D	10	43.88	49.94	15.98
YPL226W	308 D	11	41.34	42.71	29.69
YPL225W	308 D	12	53.02	55.34	55.27
YPL223C	308 E	1	54.33	50.15	44.30
YPL222W	308 E	2	47.74	52.14	55.27
YPL221W	308 E	3	54.10	50.79	48.87
YPL220W	308 E	4	47.90	51.87	53.43
YPL219W	308 E	5	48.61	53.09	54.36
YPL216W	308 E	6	44.51	48.13	45.21
YPL214C	308 E	7	46.92	49.55	48.87
YPL213W	308 E	8	48.32	53.22	49.78
YPL212C	308 E	9	44.60	47.84	45.21
YPL207W	308 E	10	45.49	47.68	47.05
YPL206C	308 E	11	49.35	51.40	47.94
YPL205C	308 E	12	46.45	47.78	45.21
YPL203W	308 F	1	49.13	51.87	43.40
YPL202C	308 F	2	49.88	53.53	48.87
YPL201C	308 F	3	50.83	53.98	50.70
YPL200W	308 F	4	47.46	51.37	48.87
YPL199C	308 F	5	46.08	50.27	44.30
YPL198W	308 F	6	44.00	47.87	51.60
YPL197C	308 F	7	46.58	48.48	42.48
YPL196W	308 F	8	45.03	47.71	47.94
YPL195W	308 F	9	45.77	48.03	47.05
YPL193W	308 F	10	41.37	45.43	49.78
YPL192C	308 F	11	49.65	50.90	44.30
YPL191C	308 F	12	44.36	46.70	25.11

YPL187W	308 G	1	46.26	49.71	30.58
YPL185W	308 G	2	47.02	51.77	49.78
YPL186C	308 G	3	48.32	52.95	57.08
YPL184C	308 G	4	47.08	49.52	49.78
YPL181W	308 G	5	49.84	54.02	42.48
YPL182C	308 G	6	48.64	52.17	45.21
YPL180W	308 G	7	54.60	56.48	43.38
YPL179W	308 G	8	51.97	52.54	49.78
YPL178W	308 G	9	59.44	65.14	61.64
YPL177C	308 G	10	45.37	47.74	48.87
YPL176C	308 G	11	48.71	50.73	42.48
YPL174C	308 G	12	61.26	61.64	52.51
YPL171C	308 H	2	52.44	53.19	47.94
YPL170W	308 H	3	54.82	49.43	47.04
YPL168W	308 H	4	53.22	53.77	44.30
YPL167C	308 H	5	54.98	47.04	47.95
YPL166W	308 H	6	50.87	52.41	53.43
YPL165C	308 H	7	52.10	52.17	48.87
YPL164C	308 H	8	54.81	54.81	48.87
YPL163C	308 H	9	53.64	54.60	39.71
YPL162C	308 H	10	51.23	51.77	43.40
YPL161C	308 H	11	59.40	51.06	33.34
YPL159C	308 H	12	51.43	51.94	47.05
YPL157W	309 A	1	50.58	53.57	48.87
YPL156C	309 A	2	49.58	50.57	47.05
YPL155C	309 A	3	49.13	50.50	30.58
YPL154C	309 A	4	50.07	52.88	52.51
YPL152W	309 A	5	64.36	67.71	41.56
YPL150W	309 A	6	70.34	61.32	58.91
YPL149W	309 A	7	49.29	51.03	50.70
YPL147W	309 A	8	51.10	52.71	55.27
YPL145C	309 A	10	49.09	49.91	48.87
YPL144W	309 A	11	47.55	49.16	46.11
YPL141C	309 A	12	48.71	50.70	25.11
YPL140C	309 B	1	44.36	47.45	39.73
YPL139C	309 B	2	44.39	47.68	45.21
YPL138C	309 B	3	54.41	48.95	30.59
YPL136W	309 B	4	43.49	46.86	26.93
YPL135W	309 B	5	51.50	43.60	18.72
YPL133C	309 B	6	46.67	50.40	50.70
YPL130W	309 B	7	56.03	49.60	21.46
YPL129W	309 B	8	69.52	79.59	82.66
YPL127C	309 B	9	48.61	51.73	52.51
YPL125W	309 B	10	45.74	47.78	29.67
YPL123C	309 B	11	55.00	48.94	46.12
YPL121C	309 B	12	61.24	53.30	47.04
YPL120W	309 C	1	50.47	53.81	54.36
YPL119C	309 C	2	50.44	53.05	53.43
YPL116W	309 C	3	50.63	54.05	54.36
YPL115C	309 C	4	57.67	50.28	47.04
YPL114W	309 C	5	46.83	50.93	24.21
YPL113C	309 C	6	46.23	50.34	47.94

YPL112C	309 C	7	47.71	51.50	49.78
YPL111W	309 C	8	50.47	53.36	49.78
YPL110C	309 C	9	60.41	53.79	57.09
YPL109C	309 C	10	57.40	50.52	29.68
YPL108W	309 C	11	46.26	50.37	52.51
YPL107W	309 C	12	47.94	50.87	41.54
YPL106C	309 D	1	59.44	49.03	36.99
YPL105C	309 D	2	64.82	56.46	60.73
YPL103C	309 D	3	46.70	50.67	54.36
YPL101W	309 D	4	53.16	57.26	59.81
YPL102C	309 D	5	65.60	59.52	60.73
YPL100W	309 D	6	47.40	51.53	47.94
YPL099C	309 D	7	57.73	51.63	47.95
YPL098C	309 D	8	54.63	48.32	44.30
YPL096W	309 D	9	49.58	53.67	51.60
YPL095C	309 D	10	49.42	53.22	50.70
YPL092W	309 D	11	49.55	52.85	55.27
YBR173C	309 D	12	62.57	55.01	49.78
YBR174C	309 E	1	45.89	47.08	43.40
YBR175W	309 E	2	58.22	52.35	47.04
YBR176W	309 E	3	58.48	51.69	52.51
YBR177C	309 E	4	48.80	52.51	45.21
YBR178W	309 E	5	47.81	51.23	44.30
YBR179C	309 E	6	48.48	51.60	54.36
YBR180W	309 E	7	46.92	50.20	46.11
YBR181C	309 E	8	43.40	46.42	33.33
YBR182C	309 E	9	48.16	50.83	47.94
YBR183W	309 E	10	47.14	50.77	37.91
YBR184W	309 E	11	48.51	51.80	54.36
YBR185C	309 E	12	47.21	49.19	49.78
YBR186W	309 F	1	60.64	51.64	47.95
YBR187W	309 F	2	61.17	53.53	39.73
YBR188C	309 F	3	49.35	52.99	48.87
YBR194W	309 F	4	53.50	56.97	39.71
YBR195C	309 F	5	50.57	54.33	56.19
YBR197C	309 F	6	45.80	49.48	53.43
YBR199W	309 F	7	48.48	51.26	42.48
YBR200W	309 F	8	68.22	57.50	49.78
YBR201W	309 F	9	47.87	51.13	47.94
YBR203W	309 F	10	51.57	55.62	52.51
YBR204C	309 F	11	50.50	53.36	50.70
YBR205W	309 F	12	52.41	54.67	51.60
YBR206W	309 G	1	48.19	50.30	52.51
YBR207W	309 G	2	49.32	52.41	54.36
YBR208C	309 G	3	69.53	62.31	57.09
YBR210W	309 G	4	51.50	53.40	46.11
YBR212W	309 G	5	48.32	50.93	51.60
YBR213W	309 G	6	48.90	50.93	48.87
YBR214W	309 G	7	52.88	56.08	47.94
YBR215W	309 G	8	46.61	50.37	57.08
YBR216C	309 G	9	49.19	51.33	48.87
YBR217W	309 G	10	46.95	50.24	53.43

YBR218C	309 G	11	48.06	50.14	38.82
YBR219C	309 G	12	48.06	50.50	51.60
YBR220C	309 H	2	49.45	50.53	41.54
YBR221C	309 H	3	48.87	50.04	23.29
YBR222C	309 H	4	48.54	49.88	38.82
YBR223C	309 H	5	50.24	51.40	50.70
YBR224W	309 H	6	53.84	56.04	47.94
YBR225W	309 H	7	52.75	55.87	27.86
YBR226C	309 H	8	52.68	54.43	44.30
YBR227C	309 H	9	51.90	52.34	30.58
YBR228W	309 H	10	51.37	53.88	54.36
YBR229C	309 H	11	45.74	47.46	33.33
YBR230C	309 H	12	51.20	52.04	43.40
YBR231C	310 A	1	49.32	49.91	47.94
YBR233W	310 A	2	50.20	51.50	48.87
YBR235W	310 A	3	52.71	54.05	36.99
YBR238C	310 A	4	51.13	52.75	41.54
YBR239C	310 A	5	49.84	51.94	56.19
YBR240C	310 A	6	50.44	51.37	51.60
YBR241C	310 A	7	49.39	51.40	51.60
YBR242W	310 A	8	47.55	49.19	45.21
YBR245C	310 A	9	50.97	52.10	43.40
YBR246W	310 A	11	47.24	48.42	29.67
YBR248C	310 A	12	51.10	51.50	45.21
YBR249C	310 B	1	50.40	51.87	56.19
YBR250W	310 B	2	49.16	52.61	57.98
YBR255W	310 B	3	46.08	49.61	52.51
YBR258C	310 B	4	53.05	56.22	48.87
YBR259W	310 B	5	49.91	53.09	52.51
YBR260C	310 B	6	50.94	51.64	24.2
YBR261C	310 B	7	49.78	53.95	54.36
YBR262C	310 B	8	50.90	53.43	55.27
YBR263W	310 B	9	50.70	52.85	52.51
YBR264C	310 B	10	52.41	55.51	59.81
YBR266C	310 B	11	48.10	49.06	31.52
YBR267W	310 B	12	47.17	49.09	39.71
YDR049W	310 C	1	57.11	47.55	22.38
YDR051C	310 C	2	50.83	54.15	52.51
YDR055W	310 C	3	48.03	52.14	52.51
YDR056C	310 C	4	50.40	53.91	56.19
YDR057W	310 C	5	56.58	62.32	57.08
YDR059C	310 C	6	48.13	51.57	24.21
YDR061W	310 C	7	60.44	53.92	45.21
YDR063W	310 C	8	50.07	53.67	51.60
YDR066C	310 C	9	49.91	53.19	49.78
YDR067C	310 C	10	49.39	51.87	50.70
YDR068W	310 C	11	56.76	61.53	61.64
YDR069C	310 C	12	51.73	56.76	32.42
YDR070C	310 D	1	46.14	49.58	49.78
YDR072C	310 D	2	49.29	51.63	48.87
YDR073W	310 D	3	46.05	48.93	53.43
YDR075W	310 D	4	49.06	53.46	55.27

YDR076W	310 D	5	55.66	57.91	50.70
YDR077W	310 D	6	47.08	51.47	35.17
YDR078C	310 D	7	50.20	52.88	58.93
YDR080W	310 D	8	48.42	51.80	55.27
YDR083W	310 D	9	44.82	47.14	45.21
YDR084C	310 D	10	44.45	48.48	47.94
YDR085C	310 D	11	48.16	50.83	57.98
YDR089W	310 D	12	47.02	49.00	48.87
YDR090C	310 E	1	51.77	52.75	47.94
YDR092W	310 E	2	49.19	51.77	52.51
YDR093W	310 E	3	49.97	54.02	57.08
YDR094W	310 E	4	46.92	49.88	51.60
YDR095C	310 E	5	48.77	50.77	50.70
YDR096W	310 E	6	50.37	53.33	48.87
YDR097C	310 E	7	50.44	52.48	48.87
YDR098C	310 E	8	60.23	53.55	47.04
YDR099W	310 E	9	47.62	51.16	50.70
YDR100W	310 E	10	51.60	55.13	57.08
YDR101C	310 E	11	45.89	48.42	47.05
YDR102C	310 E	12	49.32	50.70	50.70
YDR104C	310 F	1	49.16	51.06	51.60
YDR105C	310 F	2	65.38	56.94	52.51
YDR107C	310 F	3	49.26	52.14	49.78
YDR108W	310 F	4	49.58	52.37	43.40
YDR109C	310 F	5	53.46	57.15	53.43
YDR110W	310 F	6	50.27	53.64	51.60
YDR111C	310 F	7	49.84	53.16	46.11
YDR112W	310 F	8	49.97	52.92	50.70
YDR116C	310 F	9	53.71	57.80	28.78
YDR117C	310 F	10	49.97	53.16	54.36
YDR119W	310 F	11	47.90	52.10	47.94
YDR120C	310 F	12	51.87	54.33	53.43
YDR121W	310 G	1	57.11	60.59	60.74
YDR122W	310 G	2	48.13	50.40	43.40
YDR123C	310 G	3	51.33	54.74	55.27
YDR124W	310 G	4	49.04	50.84	25.11
YDR125C	310 G	5	46.34	49.86	9.592
YDR126W	310 G	6	52.79	52.95	31.51
YDR128W	310 G	7	62.02	65.33	56.17
YDR129C	310 G	8	47.86	49.41	22.38
YDR130C	310 G	9	70.87	62.76	63.47
YDR131C	310 G	10	45.53	47.46	38.81
YDR132C	310 G	11	48.59	50.07	23.29
YDR133C	310 G	12	74.62	65.22	57.09
YDR134C	310 H	2	72.48	63.19	63.47
YDR135C	310 H	3	59.77	63.97	57.98
YDR136C	310 H	4	51.21	52.4	29.68
YDR138W	310 H	5	75.07	67.62	69.82
YDR139C	310 H	6	56.04	58.34	50.70
YDR140W	310 H	7	52.95	52.95	41.54
YDR142C	310 H	8	49.19	50.63	39.71
YDR143C	310 H	9	51.40	51.23	50.70

YDR144C	310 H	10	48.84	51.20	53.43
YDR146C	310 H	11	60.82	51.51	18.72
YDR338C	310 H	12	49.48	51.63	48.87
YDR340W	311 A	1	48.80	51.63	56.19
YDR344C	311 A	2	48.74	52.04	53.43
YDR345C	311 A	3	49.52	51.53	51.60
YDR346C	311 A	4	64.43	55.58	56.17
YDR348C	311 A	5	52.58	54.54	46.11
YDR349C	311 A	6	49.03	51.20	49.78
YDR351W	311 A	7	47.59	48.80	47.05
YDR352W	311 A	8	45.61	46.92	40.65
YDR354W	311 A	9	52.78	54.08	38.82
YDR357C	311 A	10	53.50	55.80	54.36
YDR358W	311 A	12	52.61	52.71	38.82
YDR360W	311 B	2	49.84	52.75	51.60
YDR363W	311 B	3	72.44	63.08	54.35
YDR364C	311 B	4	69.59	57.95	43.38
YDR368W	311 B	5	50.97	53.29	56.19
YDR370C	311 B	7	49.97	53.60	50.70
YDR371W	311 B	8	50.07	52.45	54.35
YGR079W	311 B	9	50.24	53.12	55.27
YDR374C	311 B	10	49.45	52.20	48.87
YDR378C	311 B	12	55.90	58.20	53.43
YDR379W	311 C	1	51.40	52.37	49.78
YDR380W	311 C	2	51.11	52.42	36.99
YDR382W	311 C	3	65.38	57.54	63.47
YDR383C	311 C	4	49.58	52.61	51.60
YDR384C	311 C	5	50.44	54.85	46.11
YDR385W	311 C	6	62.63	56.46	58.91
YDR386W	311 C	7	54.74	57.22	52.51
YDR387C	311 C	8	70.36	62.75	58.91
YDR388W	311 C	9	49.00	52.51	16.89
YDR389W	311 C	10	43.70	48.64	48.87
YDR391C	311 C	11	48.29	50.53	44.30
YDR392W	311 C	12	37.05	35.07	28.78
YDR393W	311 D	1	59.64	50.49	25.11
YDR395W	311 D	2	51.16	54.40	47.94
YDR399W	311 D	3	71.69	63.69	48.87
YDR400W	311 D	4	52.58	57.04	51.60
YDR401W	311 D	5	52.41	57.04	58.93
YDR402C	311 D	6	62.06	55.94	53.43
YDR403W	311 D	7	47.87	51.00	52.51
YDR406W	311 D	8	49.81	54.50	60.74
YDR409W	311 D	9	52.95	56.83	44.30
YDR411C	311 D	10	48.45	52.61	43.40
YDR414C	311 D	11	72.79	63.43	35.16
YDR415C	311 D	12	51.16	52.41	58.93
YDR418W	311 E	1	42.57	42.45	33.33
YDR419W	311 E	2	54.92	59.44	53.43
YDR420W	311 E	3	51.03	54.78	53.43
YDR421W	311 E	4	52.58	56.19	50.70
YDR422C	311 E	5	53.95	58.45	48.87

YDR423C	311 E	6	50.20	54.57	55.27
YDR425W	311 E	7	50.67	54.60	55.27
YDR426C	311 E	8	49.09	52.78	53.43
YDR428C	311 E	9	70.71	63.60	46.12
YDR430C	311 E	10	51.13	55.62	50.70
YDR431W	311 E	11	65.66	59.85	40.64
YDR432W	311 E	12	50.93	54.22	47.94
YDR433W	311 F	1	59.33	53.05	35.16
YDR435C	311 F	2	60.70	65.57	68.97
YDR436W	311 F	3	45.01	46.71	29.68
YELOO1C	311 F	4	74.34	63.02	46.12
YEL003W	311 F	5	52.3	55.45	47.04
YEL004W	311 F	6	49.23	50.76	44.29
YEL005C	311 F	7	53.07	54.34	38.81
YEL006W	311 F	8	49.99	50.88	38.81
YEL007W	311 F	9	57.14	59.22	42.47
YEL008W	311 F	10	46.72	48.73	52.51
YEL009C	311 F	11	48.85	49.75	30.59
YEL010W	311 F	12	48.23	50.82	25.11
YEL013W	311 G	1	43.28	44.09	41.54
YEL014C	311 G	2	59.69	50.63	28.77
YEL015W	311 G	3	50.70	53.43	52.51
YEL016C	311 G	4	49.09	51.57	52.51
YEL017C-A	311 G	5	58.67	51.53	25.11
YEL017W	311 G	6	49.71	52.92	58.93
YEL018W	311 G	7	60.19	53.38	55.25
YEL020C	311 G	8	48.13	51.90	53.43
YEL023C	311 G	9	48.67	51.87	54.36
YEL025C	311 G	11	48.87	51.33	46.11
YEL027W	311 G	12	53.05	56.26	51.60
YEL028W	311 H	2	51.50	52.34	37.91
YEL029C	311 H	3	60.51	63.62	54.36
YEL030W	311 H	4	50.01	51.13	47.94
YEL031W	311 H	5	51.73	55.73	44.30
YEL033W	311 H	6	47.17	49.06	36.99
YGR108W	311 H	7	51.00	53.22	51.60
YEL037C	311 H	8	47.43	47.46	38.82
YEL038W	311 H	9	48.90	51.37	31.52
YEL039C	311 H	10	49.39	50.73	52.51
YEL040W	311 H	11	49.39	51.26	48.87
YEL041W	311 H	12	58.62	49.22	23.29
YEL042W	312 A	1	57.63	59.53	45.21
YEL043W	312 A	2	50.04	51.16	49.78
YEL044W	312 A	3	64.09	68.98	58
YEL045C	312 A	4	51.67	54.15	47.94
YEL046C	312 A	5	66.88	55.38	47.04
YEL047C	312 A	6	52.44	53.57	45.21
YEL048C	312 A	7	50.37	52.48	46.11
YEL049W	312 A	8	54.29	54.95	47.94
YEL051W	312 A	9	56.43	60.07	56.19
YEL052W	312 A	10	50.80	51.50	47.94
YEL053C	312 A	11	55.69	57.62	36.99

YEL054C	312 B	1	69.96	55.89	45.21
YEL056W	312 B	2	51.40	54.60	29.67
YEL057C	312 B	3	58.09	59.59	47.94
YEL059W	312 B	4	52.65	55.73	47.94
YEL060C	312 B	5	50.07	52.92	52.51
YEL061C	312 B	6	83.51	75.63	63.47
YEL062W	312 B	7	49.19	51.16	50.70
YEL063C	312 B	8	51.06	53.50	44.30
YEL064C	312 B	9	50.70	52.95	51.60
YEL065W	312 B	10	50.40	53.12	47.05
YEL066W	312 B	11	53.16	55.20	49.78
YEL067C	312 B	12	51.30	52.10	51.60
YEL068C	312 C	1	62.15	52.44	47.04
YEL071W	312 C	2	54.33	57.11	55.27
YER001W	312 C	3	54.99	59.22	60.74
YER002W	312 C	4	53.29	56.65	54.36
YER004W	312 C	5	56.01	58.85	50.70
YER005W	312 C	6	57.58	61.19	54.36
YER007C-A	312 C	7	50.26	52.38	54.35
YER007W	312 C	8	54.43	57.44	54.36
YER011W	312 C	9	49.94	52.85	50.70
YGR109C	312 C	10	53.84	56.26	56.19
YER019W	312 C	11	67.58	59.68	15.99
YER019C-A	312 C	12	51.50	52.51	44.30
YER020W	312 D	1	55.02	55.59	49.78
YER024W	312 D	2	53.91	56.86	47.94
YER028C	312 D	3	50.17	54.36	54.36
YER030W	312 D	4	49.84	52.82	45.21
YER033C	312 D	5	60.81	65.73	59.81
YER034W	312 D	6	47.55	50.53	51.60
YER038W-A	312 D	7	48.87	51.40	52.51
YER039C	312 D	8	51.10	53.95	58.93
YER040W	312 D	9	53.09	55.55	49.78
YER041W	312 D	10	51.30	54.29	31.52
YER042W	312 D	11	51.03	52.75	56.19
YER044C	312 D	12	54.57	59.40	42.48
YER044C-A	312 E	1	50.93	53.12	46.11
YER045C	312 E	2	50.57	53.64	57.08
YER046W-A	312 E	3	49.75	52.44	44.30
YER047C	312 E	4	51.67	54.67	48.87
YER048C	312 E	5	46.17	50.01	51.60
YER049W	312 E	6	48.67	51.83	45.21
YER051W	312 E	7	49.45	52.58	46.11
YER053C	312 E	8	44.48	48.26	18.71
YER055C	312 E	9	53.16	55.90	49.78
YER056C	312 E	10	52.95	55.76	42.48
YER056C-A	312 E	11	52.10	54.19	47.05
YER057C	312 E	12	52.41	53.50	46.11
YER059W	312 F	1	47.74	50.57	46.11
YER060W	312 F	2	51.43	54.47	55.27
YER060W-A	312 F	3	50.11	52.85	51.60
YER062C	312 F	4	49.03	51.47	56.19

YER065C	312 F	5	45.37	47.49	38.82
YER066C-A	312 F	6	51.80	53.98	53.43
YER067W	312 F	7	50.80	53.26	57.08
YER067C-A	312 F	8	47.78	50.24	45.21
YGR080W	312 F	9	51.67	53.22	48.87
YER071C	312 F	10	48.67	51.53	47.05
YER072W	312 F	11	48.67	51.53	47.05
YER073W	312 F	12	49.94	51.10	50.70
YER074W	312 G	1	51.57	52.24	43.40
YER075C	312 G	2	51.90	54.40	58.93
YER079W	312 G	3	52.44	54.47	54.36
YER080W	312 G	4	49.94	52.51	53.43
YER081W	312 G	5	52.88	54.99	48.87
YER083C	312 G	6	46.73	50.70	23.29
YER084W	312 G	7	48.06	52.10	53.43
YER085C	312 G	8	50.17	52.48	55.27
YER087C-A	312 G	9	48.42	51.67	55.27
YGR123C	312 G	10	55.66	57.01	57.98
YGR124W	312 G	11	53.57	56.12	51.60
YGR125W	312 G	12	49.22	51.37	48.87
YGR126W	312 H	2	51.60	52.41	47.05
YGR127W	312 H	3	58.34	57.19	48.87
YGR129W	312 H	4	53.43	54.78	44.30
YGR130C	312 H	5	48.48	49.75	45.21
YGR131W	312 H	6	56.33	56.22	54.36
YGR132C	312 H	7	55.16	55.41	46.11
YGR133W	312 H	8	55.44	55.66	51.60
YGR135W	312 H	9	42.95	44.82	47.05
YGR136W	312 H	10	52.07	52.78	48.87
YGR137W	312 H	11	49.71	51.20	50.70
YGR138C	312 H	12	53.60	54.43	44.30
YGR139W	313 A	1	53.53	54.67	53.43
YGR141W	313 A	2	57.08	58.78	58.93
YGR142W	313 A	3	55.90	57.36	49.78
YGR143W	313 A	4	54.57	54.88	55.27
YGR144W	313 A	5	51.13	51.06	47.05
YGR146C	313 A	6	43.79	46.06	48.87
YGR148C	313 A	7	61.49	65.29	62.55
YGR149W	313 A	8	51.97	53.77	51.60
YGR151C	313 A	9	72.79	61.93	37.90
YGR152C	313 A	10	51.60	52.48	49.78
YGR153W	313 A	11	52.10	53.29	53.43
YGR154C	313 A	12	56.12	56.83	49.78
YGR157W	313 B	2	55.13	56.15	43.40
YGR159C	313 B	3	49.88	51.90	32.42
YGR160W	313 B	4	52.10	54.12	26.03
YGR161C	313 B	5	52.75	55.09	53.43
YGR163W	313 B	6	57.19	61.15	54.36
YGR164W	313 B	7	57.08	61.04	46.11
YGR166W	313 B	9	47.65	51.83	51.60
YGR168C	313 B	11	51.87	54.85	54.36
YGR169C	313 B	12	53.09	55.94	54.36

YGR170W	313 C	1	70.06	60.75	58.00
YGR173W	313 C	2	49.46	51.04	25.11
YGR174C	313 C	3	60.96	62.47	62.55
YGR176W	313 C	4	55.90	60.22	53.43
YGR177C	313 C	5	54.92	57.54	46.11
YGR178C	313 C	6	48.45	51.77	48.87
YGR181W	313 C	7	55.83	56.83	49.78
YGR182C	313 C	8	52.20	55.02	49.78
YGR183C	313 C	9	45.52	47.49	40.65
YGR184C	313 C	10	50.40	52.95	48.87
YGR187C	313 C	11	54.29	57.11	49.78
YGR189C	313 C	12	49.61	51.50	47.94
YGR192C	313 D	1	50.53	52.71	44.30
YGR193C	313 D	2	58.71	60.96	54.36
YGR194C	313 D	3	51.50	54.12	53.43
YGR196C	313 D	4	51.03	55.34	33.33
YGR197C	313 D	5	49.32	51.94	51.60
YGR199W	313 D	6	50.04	52.34	47.05
YGR200C	313 D	7	53.91	56.33	57.08
YGR202C	313 D	8	55.90	57.94	56.19
YGR203W	313 D	9	53.71	56.68	47.05
YGR205W	313 D	10	51.63	55.23	55.27
YGR206W	313 D	11	63.62	65.45	59.81
YGR207C	313 D	12	49.39	52.27	49.78
YGR208W	313 E	1	47.81	50.34	46.11
YGR209C	313 E	2	48.58	52.78	53.43
YGR212W	313 E	3	53.46	55.80	52.51
YGR213C	313 E	4	53.53	55.59	53.43
YGR214W	313 E	5	49.32	51.43	24.21
YGR217W	313 E	6	50.70	52.51	51.60
YHL047C	313 E	7	52.27	55.83	49.78
YHL046C	313 E	8	56.40	60.33	51.60
YHL045W	313 E	9	51.40	53.81	53.43
YHL044W	313 E	10	78.09	66.83	50.69
YHL043W	313 E	11	42.6	45.4	24.2
YHL042W	313 E	12	52.92	55.94	46.11
YHL041W	313 F	1	52.82	52.92	46.11
YHL040C	313 F	2	49.32	52.95	47.94
YHL037C	313 F	3	54.81	58.12	50.70
YHL036W	313 F	4	56.08	58.85	57.98
YHL035C	313 F	5	50.07	52.44	49.78
YHL034C	313 F	6	60.51	61.83	48.87
YHL033C	313 F	7	49.13	51.16	50.70
YHL032C	313 F	8	51.10	53.60	48.87
YHL030W	313 F	9	49.68	52.48	52.51
YHL029C	313 F	10	50.14	52.44	49.78
YHL028W	313 F	11	52.14	55.30	55.27
YHL027W	313 F	12	46.20	46.11	43.40
YHL026C	313 G	1	56.04	56.33	53.43
YHL023C	313 G	2	63.20	51.74	28.77
YHL022C	313 G	3	68.21	60.40	47.95
YHL021C	313 G	4	66.07	57.98	64.39

YHL020C	313 G	5	63.60	67.30	61.65
YHL019C	313 G	6	55.44	59.59	47.05
YHL017W	313 G	7	52.44	54.92	49.78
YHL016C	313 G	8	53.98	57.40	56.19
YHL014C	313 G	9	59.15	62.21	47.94
YHL013C	313 G	10	53.84	56.12	53.43
YHL012W	313 G	11	57.26	60.10	49.78
YHL010C	313 G	12	50.97	52.17	56.19
YHL009C	313 H	2	68.79	73.69	74.44
YHL008C	313 H	3	57.26	57.98	49.78
YHL007C	313 H	4	54.19	55.41	43.40
YHL006C	313 H	5	53.50	53.84	52.51
YHL005C	313 H	6	55.97	57.01	53.43
YHL003C	313 H	7	56.04	56.43	52.51
YHR001W-A	313 H	8	54.36	55.02	48.87
YHR010W	313 H	9	50.60	51.16	40.65
YHR012W	313 H	10	56.26	58.85	58.93
YHR013C	313 H	11	47.55	48.38	36.99
YHR014W	313 H	12	61.93	50.83	39.73
YHR015W	314 A	1	47.94	49.71	49.78
YHR018C	314 A	2	49.88	52.31	47.94
YHR021C	314 A	3	54.26	55.09	50.70
YHR022C	314 A	4	49.16	50.73	46.11
YHR028C	314 A	5	51.53	52.31	43.40
YHR029C	314 A	6	49.71	54.08	55.27
YHR030C	314 A	7	33.64	33.07	10.5
YHR031C	314 A	8	64.82	68.00	60.74
YHR033W	314 A	9	48.90	50.83	44.30
YHR034C	314 A	10	59.58	49.62	47.95
YHR035W	314 A	11	50.29	51.57	51.61
YHR037W	314 A	12	61.21	50.92	15.99
YHR039C	314 B	3	47.90	51.06	46.11
YHR043C	314 B	4	49.45	52.58	49.78
YHR044C	314 B	5	48.58	51.57	49.78
YHR046C	314 B	6	51.33	54.64	48.87
YHR047C	314 B	7	48.16	52.54	24.21
YHR048W	314 B	8	50.73	53.22	52.51
YHR049W	314 B	9	49.06	52.68	57.98
YHR049C-A	314 B	10	53.50	57.94	51.60
YHR050W	314 B	11	50.34	53.43	27.86
YHR057C	314 B	12	49.09	50.47	48.87
YHR060W	314 C	1	55.30	60.78	59.81
YHR061C	314 C	2	65.85	55.49	42.47
YHR066W	314 C	3	49.32	52.31	49.78
YHR073W	314 C	4	49.42	53.60	48.87
YHR075C	314 C	5	54.64	58.56	58.93
YHR076W	314 C	6	51.06	55.20	55.27
YHR077C	314 C	7	61.64	56.33	54.35
YHR078W	314 C	8	54.26	58.52	51.60
YHR079C	314 C	9	47.40	51.37	47.94
YHR080C	314 C	10	47.59	51.37	24.21
YHR081W	314 C	11	50.60	54.71	54.36

YHR082C	314 C	12	50.40	51.83	49.78
YHR086W	314 D	1	48.84	50.04	48.87
YHR087W	314 D	2	51.30	54.47	55.27
YHR092C	314 D	3	50.60	54.88	54.36
YHR093W	314 D	4	50.01	53.91	49.78
YHR094C	314 D	5	51.16	54.22	54.36
YHR095W	314 D	6	48.00	52.04	49.78
YHR096C	314 D	7	49.71	52.58	50.70
YHR097C	314 D	8	48.96	53.40	56.19
YHR100C	314 D	9	48.29	48.61	40.65
YHR103W	314 D	10	49.06	51.53	45.21
YHR104W	314 D	11	67.06	61.08	58.91
YHR105W	314 D	12	47.65	49.58	47.05
YHR106W	314 E	1	52.10	54.22	47.94
YHR108W	314 E	2	52.24	55.87	53.43
YHR109W	314 E	3	51.80	54.78	58.93
YHR110W	314 E	4	48.48	51.94	48.87
YHR111W	314 E	5	66.52	59.22	52.51
YHR112C	314 E	6	55.48	59.37	53.43
YHR113W	314 E	7	48.00	51.97	55.27
YHR114W	314 E	8	49.75	53.09	34.24
YHR115C	314 E	9	48.84	51.63	50.70
YHR116W	314 E	10	38.02	37.78	40.65
YHR117W	314 E	11	47.87	51.06	56.19
YHR121W	314 E	12	52.37	53.67	47.05
YHR123W	314 F	1	48.77	50.63	51.60
YHR124W	314 F	2	50.87	53.77	46.11
YHR125W	314 F	3	46.51	50.24	53.43
YHR126C	314 F	4	49.61	52.92	55.27
YHR129C	314 F	5	76.15	66.17	63.47
YHR130C	314 F	6	50.20	53.33	49.78
YHR132C	314 F	7	47.46	50.63	51.60
YHR133C	314 F	8	45.77	48.74	57.08
YHR134W	314 F	9	58.74	63.54	61.64
YHR135C	314 F	10	50.47	52.75	53.43
YHR136C	314 F	11	52.65	54.92	47.94
YHR137W	314 F	12	58.29	48.52	43.38
YHR138C	314 G	1	54.34	47.76	26.03
YHR139C	314 G	2	50.87	52.78	50.70
YHR139C-A	314 G	3	49.29	52.24	52.51
YHR142W	314 G	4	50.24	52.99	48.87
YHR143W	314 G	5	46.17	50.60	38.82
YHR150W	314 G	6	53.16	54.88	48.87
YHR151C	314 G	7	43.79	47.17	39.71
YHR152W	314 G	8	51.30	53.84	51.60
YHR153C	314 G	9	50.90	53.91	53.43
YHR154W	314 G	10	60.92	61.62	38.81
YHR155W	314 G	11	47.40	48.19	26.93
YHR156C	314 G	12	50.01	51.80	50.70
YHR157W	314 H	2	57.36	55.69	47.94
YHR158C	314 H	3	39.15	40.48	40.65
YHR159W	314 H	4	47.49	49.26	48.87

YHR160C	314 H	5	47.43	49.19	48.87
YHR161C	314 H	6	47.97	49.16	44.30
YHR163W	314 H	7	48.87	50.73	49.78
YHR167W	314 H	8	49.88	50.77	46.11
YHR176W	314 H	9	46.42	48.32	48.87
YHR177W	314 H	10	50.40	50.90	47.05
YHR178W	314 H	11	52.75	54.19	51.60
YHR179W	314 H	12	45.64	47.62	26.93
YHR182W	315 A	1	47.05	49.39	46.11
YHR183W	315 A	2	56.26	58.01	57.98
YHR184W	315 A	3	49.48	51.50	55.27
YHR189W	315 A	4	47.84	49.78	48.87
YHR195W	315 A	5	49.78	51.73	52.51
YHR198C	315 A	6	52.78	55.13	56.19
YHR199C	315 A	7	52.20	53.74	49.78
YHR200W	315 A	8	65.43	57.03	51.61
YHR202W	315 A	9	51.80	52.75	50.70
YHR203C	315 A	10	47.84	48.61	43.40
YHR204W	315 A	11	66.58	70.35	45.21
YHR206W	315 A	12	47.87	50.57	49.78
YHR207C	315 B	1	48.26	50.07	47.05
YHR209W	315 B	2	48.67	50.73	51.60
YHR210C	315 B	4	47.84	50.34	56.19
YCL001W	315 B	5	49.65	52.78	49.78
YCL002C	315 B	6	54.81	57.44	53.43
YCL005W	315 B	7	75.53	66.48	44.30
YCL007C	315 B	8	54.81	59.00	63.47
YCL008C	315 B	9	45.52	48.90	54.36
YCL009C	315 B	10	54.05	56.29	51.60
YCL010C	315 B	11	50.97	53.50	27.86
YCL011C	315 B	12	54.50	56.58	55.27
YCL012W	315 C	1	45.95	48.96	50.70
YCL013W	315 C	2	49.97	52.54	47.94
YCL014W	315 C	3	49.78	52.17	50.70
YCL016C	315 C	4	80.58	86.17	43.40
YCL024W	315 C	5	49.55	52.31	50.70
YCL025C	315 C	6	47.78	51.80	43.40
YCL026C	315 C	7	48.61	51.23	47.05
YCL027W	315 C	8	46.73	50.11	50.70
YCL028W	315 C	9	47.84	50.80	58.93
YCL029C	315 C	10	64.89	55.68	26.03
YCL032W	315 C	11	45.37	47.59	32.42
YCL033C	315 C	12	50.87	51.43	47.05
YCL034W	315 D	1	53.67	54.71	52.51
YCL036W	315 D	2	53.16	55.30	47.05
YCL037C	315 D	3	51.26	51.94	45.21
YCL039W	315 D	4	48.10	51.33	45.21
YCL040W	315 D	5	44.06	47.33	47.94
YCL042W	315 D	6	45.09	47.02	48.87
YCL044C	315 D	7	48.71	50.97	47.05
YCL045C	315 D	8	46.77	49.22	47.05
YCL046W	315 D	9	49.94	52.17	53.43

YCL047C	315 D	10	50.63	54.33	28.78
YCL048W	315 D	11	50.34	52.92	26.93
YCL049C	315 D	12	58.60	57.69	52.51
YCL050C	315 E	1	59.04	50.02	52.51
YCL051W	315 E	2	56.93	59.11	56.19
YCL055W	315 E	3	51.94	54.67	47.94
YCL056C	315 E	4	51.23	53.91	47.05
YCL057W	315 E	5	57.26	59.29	47.05
YCL060C	315 E	6	65.59	59.22	55.25
YCL061C	315 E	7	56.43	58.23	47.95
YCL062W	315 E	8	57.46	50.90	53.43
YCL063W	315 E	9	52.20	52.75	47.94
YCL064C	315 E	10	47.62	50.80	51.60
YCL069W	315 E	11	50.17	53.22	54.36
YCR001W	315 E	12	47.59	49.52	50.70
YCR004C	315 F	1	62.51	60.25	47.05
YCR005C	315 F	2	57.81	51.73	18.72
YCR006C	315 F	3	47.05	50.63	48.87
YCR007C	315 F	4	47.49	49.88	45.21
YCR008W	315 F	5	46.02	48.90	48.87
YCR009C	315 F	6	62.09	42.21	14.16
YCR010C	315 F	7	49.55	51.87	51.60
YCR011C	315 F	8	49.16	52.00	48.87
YCR014C	315 F	9	51.20	53.40	57.98
YCR015C	315 F	10	53.40	55.44	52.51
YCR016W	315 F	11	45.06	47.90	44.30
YCR017C	315 F	12	48.10	52.31	53.43
YCR019W	315 G	1	47.43	49.26	52.51
YCR020C	315 G	2	50.07	53.22	56.19
YCR020C-A	315 G	3	50.20	52.61	27.86
YCR021C	315 G	4	48.96	52.44	57.98
YCR022C	315 G	5	49.22	51.53	48.87
YCR023C	315 G	6	48.13	51.57	55.27
YLR420W	315 G	7	48.13	50.70	49.78
YLR451W	315 G	8	48.90	52.10	47.94
YLR126C	315 G	9	48.54	53.81	53.43
YLR128W	315 G	10	52.88	55.30	34.24
YLR130C	315 G	11	48.32	52.07	50.70
YLR131C	315 G	12	115.40	115.20	65.31
YLR133W	315 H	2	59.40	61.53	51.60
YLR134W	315 H	3	45.18	48.61	52.51
YLR135W	315 H	4	50.63	51.26	47.94
YLR136C	315 H	5	51.70	52.71	47.05
YLR137W	315 H	6	48.61	49.94	46.11
YLR138W	315 H	7	46.23	48.71	47.94
YLR142W	315 H	8	52.14	53.67	42.48
YLR143W	315 H	9	47.59	50.07	47.94
YLR144C	315 H	10	45.61	47.14	27.86
YGR111W	315 H	11	54.05	54.67	47.04
YLR150W	315 H	12	50.90	52.41	53.43
YLR151C	316 A	1	49.52	52.17	51.60
YLR152C	316 A	2	51.47	53.84	57.08

YLR154C	316 A	3	50.47	52.00	51.60
YLR164W	316 A	4	49.68	51.90	54.36
YLR165C	316 A	5	49.81	51.60	56.19
YLR168C	316 A	6	49.00	51.40	47.94
YLR169W	316 A	7	65.17	55.53	26.03
YLR170C	316 A	8	49.42	50.50	47.94
YLR171W	316 A	9	57.15	58.52	49.78
YLR172C	316 A	10	54.60	56.15	55.27
YLR173W	316 A	11	51.57	53.29	47.94
YLR174W	316 A	12	52.27	53.05	45.21
YLR176C	316 B	1	55.80	58.05	62.55
YLR177W	316 B	2	64.34	56.75	54.35
YLR178C	316 B	3	50.27	53.77	53.43
YLR179C	316 B	5	49.32	51.94	53.43
YLR180W	316 B	6	48.74	51.10	50.70
YLR181C	316 B	7	60.10	65.53	61.64
YLR183C	316 B	8	46.77	50.77	21.46
YLR184W	316 B	9	47.94	51.13	54.36
YLR185W	316 B	10	43.94	45.95	23.29
YLR187W	316 B	11	47.84	50.90	51.60
YLR188W	316 B	12	50.11	50.17	47.05
YLR189C	316 C	1	51.06	53.81	40.65
YLR190W	316 C	2	48.74	52.20	55.27
YLR191W	316 C	3	59.08	53.82	52.51
YLR193C	316 C	4	47.55	50.60	53.43
YLR194C	316 C	5	52.54	57.01	56.19
YLR199C	316 C	6	62.24	54.68	57.09
YLR200W	316 C	7	57.19	61.98	56.19
YLR204W	316 C	8	56.15	60.33	56.19
YLR205C	316 C	9	53.74	56.97	49.78
YLR206W	316 C	10	51.94	55.62	56.19
YLR207W	316 C	11	50.11	53.77	55.27
YLR209C	316 C	12	50.14	52.92	44.30
YLR210W	316 D	1	48.54	50.11	47.94
YLR211C	316 D	2	48.77	52.68	50.70
YLR213C	316 D	3	51.43	54.81	50.70
YLR214W	316 D	4	51.53	55.30	49.78
YLR216C	316 D	5	48.26	52.00	48.87
YLR217W	316 D	6	53.67	58.49	50.70
YLR218C	316 D	7	48.26	49.84	49.78
YLR219W	316 D	8	46.51	49.78	25.11
YLR220W	316 D	9	50.34	53.84	54.36
YLR221C	316 D	10	50.67	53.33	41.54
YLR224W	316 D	11	51.67	55.59	49.78
YLR225C	316 D	12	46.28	48.22	37.90
YLR227C	316 E	2	49.22	52.31	50.70
YKL001C	316 E	3	48.42	51.06	48.87
YKL002W	316 E	4	49.75	52.61	45.21
YKL006W	316 E	5	54.85	59.59	33.33
YKL007W	316 E	6	51.63	55.51	55.27
YKL008C	316 E	7	62.19	54.99	47.95
YKL009W	316 E	8	46.86	48.00	39.71

YKL010C	316 E	9	46.20	49.91	50.70
YKL011C	316 E	10	48.77	51.33	47.05
YKL015W	316 E	11	47.62	50.53	45.21
YKL017C	316 E	12	39.77	38.35	35.17
YKL020C	316 F	1	48.29	48.80	41.54
YKL023W	316 F	2	54.33	57.62	57.98
YKL025C	316 F	3	48.61	51.87	51.60
YKL026C	316 F	4	48.22	51.37	52.51
YKL027W	316 F	5	49.45	52.92	36.99
YKL029C	316 F	6	49.71	52.75	49.78
YKL031W	316 F	7	48.74	52.65	46.11
YKL032C	316 F	8	46.17	48.64	18.71
YKL034W	316 F	9	48.06	50.44	46.11
YKL037W	316 F	10	33.86	34.39	20.55
YKL038W	316 F	11	41.22	40.76	39.71
YKL039W	316 F	12	45.43	47.78	50.70
YKL040C	316 G	1	46.70	48.93	49.78
YKL041W	316 G	2	49.75	56.08	26.93
YKL043W	316 G	3	58.96	61.15	55.27
YKL044W	316 G	4	61.70	55.27	58.00
YKL046C	316 G	5	65.76	64.55	53.43
YKL047W	316 G	6	50.01	53.02	51.60
YKL048C	316 G	7	67.05	61.45	55.25
YKL050C	316 G	8	61.72	53.36	49.78
YKL051W	316 G	9	51.16	54.36	51.60
YKL053W	316 G	10	59.15	61.53	51.60
YKL055C	316 G	12	39.57	40.19	17.81
YKL056C	316 H	2	54.40	55.09	44.30
YKL057C	316 H	3	47.40	46.80	35.17
YKL061W	316 H	4	56.01	56.58	49.78
YKL062W	316 H	5	52.34	50.37	40.65
YKL063C	316 H	6	56.29	55.90	49.78
YKL064W	316 H	7	51.90	53.81	34.24
YKL065C	316 H	8	48.90	50.27	44.30
YKL066W	316 H	9	53.33	52.71	46.11
YKL067W	316 H	10	51.73	53.53	48.87
YKL068W	316 H	11	51.23	53.43	47.94
YKL069W	316 H	12	57.11	55.62	49.78
YKL070W	317 A	1	46.26	49.39	48.87
YKL071W	317 A	2	49.97	52.68	53.43
YKL072W	317 A	3	63.85	65.69	62.55
YKL073W	317 A	4	64.08	66.12	36.99
YKL074C	317 A	5	62.44	53.67	48.87
YKL075C	317 A	6	54.50	55.16	51.60
YKL076C	317 A	7	59.96	63.80	44.30
YKL077W	317 A	8	52.27	53.67	52.51
YKL079W	317 A	9	54.95	57.62	58.93
YKL081W	317 A	10	52.65	53.98	52.51
YKL084W	317 A	11	52.10	52.75	46.11
YKL085W	317 A	12	42.48	44.75	36.06
YKL086W	317 B	1	49.81	51.57	51.60
YKL087C	317 B	2	46.89	47.33	47.05

YKL090W	317 B	3	51.73	54.22	57.08
YKL091C	317 B	4	48.64	51.60	52.51
YKL092C	317 B	6	49.48	52.78	53.43
YKL093W	317 B	7	56.43	59.88	58.93
YKL094W	317 B	8	49.88	53.67	48.87
YKL096W	317 B	9	49.91	52.82	52.51
YKL097C	317 B	10	51.87	54.85	51.60
YKL098W	317 B	11	45.06	48.38	49.78
YKL100C	317 B	12	45.89	48.29	48.87
YKL101W	317 C	1	61.56	65.53	59.81
YKL102C	317 C	2	51.20	54.08	54.36
YKL103C	317 C	3	50.20	52.61	52.51
YKL105C	317 C	4	53.26	56.01	48.87
YKL106W	317 C	5	46.95	50.50	50.70
YKL107W	317 C	6	49.09	52.14	53.43
YKL109W	317 C	7	35.02	34.15	25.11
YKL110C	317 C	8	54.60	57.69	57.98
YKL113C	317 C	9	61.34	68.16	40.65
YKL114C	317 C	10	82.32	89.07	85.40
YKL116C	317 C	11	48.00	49.94	47.94
YKL117W	317 C	12	50.24	51.30	52.51
YKL118W	317 D	1	52.99	56.76	60.74
YKL119C	317 D	2	53.46	56.01	55.27
YKL120W	317 D	3	47.27	50.67	53.43
YKL121W	317 D	4	53.91	59.18	63.47
YKL123W	317 D	5	47.30	50.53	47.94
YKL124W	317 D	6	48.80	51.16	47.94
YKL126W	317 D	7	73.07	62.83	47.95
YKL127W	317 D	8	51.00	53.22	51.60
YKL128C	317 D	9	48.71	51.90	58.93
YKL129C	317 D	10	45.24	48.71	34.24
YKL130C	317 D	11	47.55	50.20	57.98
YKL131W	317 D	12	47.55	49.32	49.78
YKL132C	317 E	1	50.73	52.37	54.36
YKL133C	317 E	2	49.26	52.07	52.51
YKL135C	317 E	3	52.71	56.26	61.64
YKL136W	317 E	4	52.48	55.87	57.98
YKL137W	317 E	5	49.84	52.92	50.70
YKL140W	317 E	7	75.50	64.44	32.42
YKL142W	317 E	8	49.06	52.88	53.43
YKL143W	317 E	9	50.11	53.53	52.51
YKL146W	317 E	10	49.78	53.26	47.05
YKL147C	317 E	11	51.53	54.99	53.43
YKL148C	317 E	12	47.65	49.06	48.87
YKL149C	317 F	1	56.54	60.74	36.99
YKL150W	317 F	2	48.54	51.80	53.43
YKL151C	317 F	3	49.22	52.71	50.70
YKL156W	317 F	4	47.21	50.70	57.08
YKL157W	317 F	5	49.16	52.34	39.71
YKL158W	317 F	6	47.62	50.27	44.30
YKL159C	317 F	7	49.88	53.43	36.06
YKL160W	317 F	8	47.46	50.53	51.60

YKL161C	317 F	9	49.03	52.44	53.43
YKL162C	317 F	10	48.87	52.71	54.36
YKL163W	317 F	11	47.40	50.37	56.19
YKL164C	317 F	12	61.63	51.08	47.95
YKL166C	317 G	1	50.57	52.65	54.36
YKL167C	317 G	2	51.53	53.88	45.21
YKL168C	317 G	3	50.93	53.57	50.70
YKL171W	317 G	4	49.71	52.71	48.87
YKL174C	317 G	5	53.22	56.90	52.51
YKL175W	317 G	6	53.74	57.47	42.48
YKL176C	317 G	7	53.53	57.26	54.36
YKL179C	317 G	8	52.51	56.47	52.51
YKL183W	317 G	9	51.80	54.99	45.21
YKL184W	317 G	10	49.55	52.27	51.60
YKL185W	317 G	11	46.11	48.84	46.11
KL187C	317 G	12	51.13	52.71	45.21
YKL188C	317 H	2	47.08	49.58	46.11
YKL190W	317 H	3	44.54	47.65	47.94
YOR097C	317 H	4	48.32	49.06	43.40
YOR099W	317 H	5	49.09	50.67	47.05
YOR100C	317 H	6	48.71	49.52	27.86
YOR101W	317 H	7	49.09	50.60	50.70
YOR105W	317 H	8	47.68	48.90	47.05
YOR106W	317 H	9	51.23	53.46	48.87
YOR107W	317 H	10	51.80	53.22	46.11
YOR108W	317 H	11	47.71	50.50	55.27
YOR109W	317 H	12	53.05	53.81	46.11
YOR111W	318 A	1	48.42	50.24	47.05
YOR112W	318 A	2	50.50	52.88	41.54
YOR113W	318 A	3	53.22	57.87	56.19
YOR114W	318 A	4	50.40	50.77	48.87
YOR115C	318 A	5	55.97	56.58	53.43
YOR118W	318 A	6	47.78	48.74	47.94
YOR120W	318 A	7	48.29	48.29	44.30
YOR121C	318 A	8	51.53	52.41	50.70
YOR123C	318 A	9	52.17	55.02	47.05
YOR124C	318 A	10	51.60	53.60	53.43
YOR127W	318 A	11	49.71	51.83	48.87
YOR129C	318 A	12	50.57	51.10	45.21
YOR130C	318 B	1	48.64	50.73	31.52
YOR131C	318 B	2	48.38	50.57	50.70
YOR132W	318 B	3	49.09	52.14	47.94
YOR133W	318 B	4	48.38	51.50	52.51
YOR134W	318 B	5	41.59	45.32	51.61
YOR135C	318 B	7	52.24	54.08	53.43
YOR136W	318 B	8	57.40	60.14	47.94
YOR137C	318 B	9	50.50	52.04	49.78
YOR138C	318 B	10	49.26	51.94	49.78
YOR139C	318 B	11	48.71	51.03	49.78
YOR140W	318 B	12	47.97	49.03	39.71
YOR144C	318 C	1	53.12	56.47	57.08
YOR153W	318 C	2	53.77	56.26	55.27

YOR154W	318 C	3	52.95	54.74	54.36
YOR162C	318 C	4	60.86	53.43	52.51
YOR163W	318 C	5	51.13	54.12	50.70
YOR164C	318 C	6	47.68	51.30	51.60
YOR165W	318 C	7	52.04	55.87	52.51
YOR166C	318 C	8	47.33	50.77	51.60
YOR167C	318 C	9	54.43	57.01	50.70
YOR170W	318 C	10	62.59	55.64	52.51
YOR171C	318 C	11	50.20	53.88	23.29
YOR172W	318 C	12	43.73	45.58	45.21
YOR173W	318 D	1	47.21	47.49	46.11
YOR175C	318 D	2	53.64	55.73	50.70
YOR177C	318 D	3	51.23	54.54	55.27
YOR178C	318 D	4	48.10	49.94	45.21
YOR183W	318 D	5	48.10	50.97	29.67
YOR185C	318 D	6	52.58	56.72	57.08
YOR186W	318 D	7	49.16	51.87	54.36
YOR189W	318 D	8	54.57	58.93	50.70
YOR190W	318 D	9	52.27	55.55	50.70
YOR191W	318 D	10	49.29	52.65	47.05
YOR192C	318 D	11	53.26	56.97	57.08
YOR193W	318 D	12	48.32	49.78	48.87
YOR195W	318 E	1	51.53	53.81	50.70
YOR196C	318 E	2	39.04	39.63	23.29
YOR197W	318 E	3	65.46	56.52	52.51
YOR199W	318 E	5	49.94	49.75	26.03
YOR202W	318 E	6	49.35	52.31	51.60
YOR208W	318 E	7	57.73	60.44	55.27
YOR209C	318 E	8	64.51	68.36	64.40
YOR213C	318 E	9	57.11	59.96	52.51
YOR214C	318 E	10	52.34	56.36	57.98
YOR215C	318 E	11	53.77	56.58	50.70
YOR216C	318 E	12	49.06	50.93	43.40
YOR219C	318 F	1	47.81	50.20	49.78
YOR220W	318 F	2	48.93	51.70	52.51
YOR221C	318 F	3	43.73	44.06	42.48
YOR222W	318 F	4	47.62	50.40	50.70
YOR223W	318 F	5	47.90	51.10	33.33
YOR225W	318 F	6	48.96	51.94	56.19
YOR226C	318 F	7	53.29	56.79	54.36
YOR227W	318 F	8	48.54	51.10	35.17
YOR228C	318 F	9	51.16	54.40	55.27
YOR229W	318 F	10	49.55	53.43	48.87
YOR230W	318 F	11	48.67	52.37	55.27
YOR231W	318 F	12	48.10	51.00	47.94
YOR233W	318 G	1	48.51	51.13	49.78
YOR234C	318 G	2	48.32	49.39	51.60
YOR235W	318 G	3	44.51	46.23	46.11
YOR237W	318 G	4	46.64	49.91	38.82
YOR238W	318 G	5	50.83	54.26	56.19
YOR239W	318 G	6	50.07	53.36	49.78
YOR240W	318 G	7	47.94	51.63	23.29

YOR242C	318 G	8	48.45	52.20	54.36
YOR243C	318 G	9	51.50	54.22	44.30
YOR245C	318 G	10	52.48	55.41	53.43
YOR246C	318 G	11	47.97	51.40	47.05
YOR247W	318 G	12	51.40	54.22	48.87
YOR248W	318 H	2	49.48	52.44	56.19
YOR251C	318 H	3	52.10	53.91	48.87
YOR252W	318 H	4	47.11	49.42	47.94
YOR253W	318 H	5	49.75	51.70	50.70
YOR255W	318 H	6	53.95	55.48	52.51
YOR258W	318 H	7	84.00	77.24	57.09
YOR263C	318 H	8	49.48	51.90	49.78
YOR264W	318 H	9	51.00	53.36	50.70
YOR277C	318 H	10	52.92	55.23	57.08
YOR279C	318 H	11	57.08	49.68	50.69
YOR280C	318 H	12	60.06	51.49	50.69
YOR283W	319 A	1	50.14	52.34	53.43
YOR284W	319 A	2	47.84	50.27	50.70
YOR285W	319 A	3	51.33	52.78	50.70
YOR286W	319 A	4	62.48	51.82	15.99
YOR288C	319 A	5	48.71	50.04	47.94
YJL218W	319 A	6	50.01	50.20	51.60
YJL217W	319 A	7	46.70	46.70	40.65
YJL216C	319 A	8	49.06	51.20	49.78
YJL215C	319 A	9	46.39	46.45	44.30
YJL214W	319 A	10	47.43	50.01	46.11
YJL212C	319 A	11	47.46	47.90	41.54
YJL210W	319 A	12	48.26	50.17	50.70
YJL211C	319 B	1	48.19	50.24	56.19
YJL208C	319 B	2	48.64	51.06	50.70
YJL207C	319 B	3	49.91	53.33	49.78
YJL206C-A	319 B	4	46.77	49.97	49.78
YJL204C	319 B	5	62.82	55.06	52.51
YJL199C	319 B	6	45.03	46.14	32.42
YJL198W	319 B	8	48.03	50.34	47.94
YJL197W	319 B	9	68.12	59.62	52.51
YJL193W	319 B	10	48.19	50.90	32.42
YJL192C	319 B	11	56.29	60.59	68.04
YJL190C	319 B	12	69.23	57.03	51.61
YJL188C	319 C	1	45.18	46.89	41.54
YJL187C	319 C	2	48.58	49.94	41.54
YJL186W	319 C	3	48.19	50.70	45.21
YJL185C	319 C	4	49.06	51.26	47.94
YJL183W	319 C	5	77.85	65.75	38.81
YJL181W	319 C	6	47.78	50.63	30.58
YJL182C	319 C	7	71.92	61.12	43.38
YJL179W	319 C	8	65.86	67.26	43.38
YJL178C	319 C	9	57.99	51.03	32.42
YJL176C	319 C	10	88.14	78.45	15.07
YJL171C	319 C	11	48.00	51.06	51.60
YJL170C	319 C	12	48.84	50.80	52.51
YJL169W	319 D	1	51.00	51.63	41.54

YJL168C	319 D	2	56.55	47.51	34.25
YJL164C	319 D	4	61.01	52.05	48.87
YJL162C	319 D	5	45.40	47.11	42.48
YJL159W	319 D	6	53.00	42.53	21.46
YJL158C	319 D	7	50.40	51.97	47.94
YJL157C	319 D	8	49.03	51.50	47.05
YJL155C	319 D	9	55.37	54.36	39.71
YJL154C	319 D	10	50.34	54.85	47.05
YJL153C	319 D	11	47.52	49.19	47.05
YJL152W	319 D	12	46.95	49.09	49.78
YJL150W	319 E	1	44.57	45.34	43.40
YJL149W	319 E	2	60.49	53.44	58.00
YJL148W	319 E	3	47.94	48.67	37.91
YJL147C	319 E	4	50.17	51.20	47.94
YJL146W	319 E	5	47.55	50.07	53.43
YJL145W	319 E	6	46.23	49.06	53.43
YJL144W	319 E	7	54.33	57.76	31.52
YJL142C	319 E	8	49.35	51.73	52.51
YJL135W	319 E	9	49.58	52.44	52.51
YJL134W	319 E	10	49.03	51.53	53.43
YJL133W	319 E	11	48.93	51.30	51.60
YJL132W	319 E	12	66.94	58.42	59.82
YJL131C	319 F	1	44.24	47.71	49.78
YJL130C	319 F	2	50.87	54.36	52.51
YLR324W	319 F	3	50.87	52.88	50.70
YLR325C	319 F	4	49.52	52.65	43.40
YLR326W	319 F	5	47.11	50.04	53.43
YLR327C	319 F	6	49.94	52.48	52.51
YLR328W	319 F	7	48.06	51.06	50.70
YLR329W	319 F	8	48.13	51.26	49.78
YLR330W	319 F	9	45.09	46.33	42.48
YLR331C	319 F	10	49.32	51.97	54.36
YLR332W	319 F	11	45.00	48.61	20.54
YLR333C	319 F	12	50.87	51.60	45.21
YLR335W	319 G	1	63.76	53.12	41.56
YGR084C	319 G	2	49.81	52.58	50.70
YGR081C	319 G	3	47.84	49.68	53.43
YLR341W	319 G	4	49.29	51.80	48.87
YLR344W	319 G	5	47.87	50.57	47.94
YLR345W	319 G	6	50.37	53.57	48.87
YLR348C	319 G	7	48.42	50.60	49.78
YLR349W	319 G	8	49.00	51.63	47.94
YLR351C	319 G	9	46.20	49.00	54.36
YLR352W	319 G	10	48.10	50.40	47.94
YLR353W	319 G	11	48.96	51.50	47.94
YLR354C	319 G	12	48.64	49.71	45.21
YLR356W	319 H	2	47.46	50.14	50.70
YLR357W	319 H	3	77.77	68.80	56.17
YLR360W	319 H	4	45.61	48.90	47.94
YLR363C	319 H	5	48.42	50.40	48.87
YLR364W	319 H	6	45.83	47.94	48.87
YLR365W	319 H	7	49.94	52.31	53.43

YLR366W	319 H	8	46.30	47.24	48.87
YLR367W	319 H	9	43.73	46.26	50.70
YLR368W	319 H	10	46.26	47.52	54.36
YLR371W	319 H	11	53.81	56.15	24.21
YGR071C	319 H	12	45.37	46.39	21.46
YLR373C	320 A	1	49.45	51.20	22.37
YLR374C	320 A	2	48.90	49.68	20.54
YLR375W	320 A	3	47.97	49.26	42.48
YLR376C	320 A	4	49.42	52.10	47.94
YLR377C	320 A	5	47.78	50.44	52.51
YLR380W	320 A	6	44.94	48.16	18.71
YLR381W	320 A	7	48.67	49.26	43.40
YLR384C	320 A	8	52.20	55.48	63.47
YLR385C	320 A	9	47.74	49.13	49.78
YLR386W	320 A	10	74.68	62.75	38.81
YLR387C	320 A	11	46.33	47.90	45.21
YLR388W	320 A	12	42.68	44.00	31.52
YLR389C	320 B	1	48.19	50.44	48.87
YLR390W	320 B	2	46.42	48.80	45.21
YLR391W	320 B	3	46.83	48.93	22.37
YLR392C	320 B	4	45.40	47.94	52.51
YLR393W	320 B	5	45.15	47.24	47.94
YLR395C	320 B	6	44.56	47.23	47.95
YLR398C	320 B	7	48.29	50.53	45.21
YGR070W	320 B	9	47.43	50.40	55.27
YLR400W	320 B	10	47.55	49.61	50.70
YLR401C	320 B	11	47.43	50.57	50.70
YLR402W	320 B	12	41.72	42.51	22.37
YLR404W	320 C	2	49.09	51.23	47.94
YLR405W	320 C	3	52.14	54.57	55.27
YLR407W	320 C	4	56.40	60.29	61.64
YLR408C	320 C	5	51.20	53.60	48.87
YLR410W	320 C	6	61.28	52.47	55.25
YGR085C	320 C	7	46.02	48.29	48.87
YLR413W	320 C	8	56.93	57.54	47.94
YLR415C	320 C	9	52.68	54.19	51.60
YLR416C	320 C	10	47.87	50.01	47.94
YLR417W	320 C	11	44.82	47.74	43.40
YLR418C	320 C	12	51.60	53.77	39.71
YLR421C	320 D	1	46.70	48.35	49.78
YLR228C	320 D	2	46.48	48.32	41.54
YLR231C	320 D	3	48.87	51.37	50.70
YLR232W	320 D	4	52.10	55.62	52.51
YLR233C	320 D	5	64.53	75.47	9.59
YLR235C	320 D	6	76.14	64.79	51.61
YLR236C	320 D	7	53.67	54.99	51.60
YLR238W	320 D	8	65.76	55.83	26.03
YGR087C	320 D	9	46.80	49.68	23.29
YLR241W	320 D	10	47.71	50.04	49.78
YLR242C	320 D	11	64.4	67.18	40.64
YGR069W	320 D	12	47.90	50.27	52.51
YLR247C	320 E	1	57.24	48.27	49.78

YLR248W	320 E	2	49.75	51.73	48.87
YLR251W	320 E	3	50.17	52.44	50.70
YLR252W	320 E	4	50.60	53.53	48.87
YLR253W	320 E	5	50.67	54.08	45.21
YLR254C	320 E	6	53.22	55.80	52.51
YLR255C	320 E	7	49.91	51.97	47.94
YLR257W	320 E	8	50.83	53.98	55.27
YLR258W	320 E	9	48.71	49.91	48.87
YLR261C	320 E	11	51.40	52.27	49.78
YLR262C	320 E	12	61.41	62.05	54.36
YLR263W	320 F	1	52.04	53.16	57.98
YLR264W	320 F	2	51.26	53.84	49.78
YLR265C	320 F	3	47.55	51.50	54.36
YLR266C	320 F	4	45.12	48.06	18.71
YLR267W	320 F	5	53.22	56.33	57.08
YLR268W	320 F	6	65.02	70.98	39.71
YLR269C	320 F	7	52.58	54.60	48.87
YLR271W	320 F	9	50.80	53.43	51.60
YLR273C	320 F	10	49.52	51.16	47.94
YLR278C	320 F	11	47.02	49.09	26.93
YLR279W	320 F	12	50.50	51.43	49.78
YLR280C	320 G	1	48.03	49.94	53.43
YLR281C	320 G	2	50.97	53.50	55.27
YLR282C	320 G	3	52.92	56.65	60.74
YLR283W	320 G	4	51.50	55.06	39.71
YLR284C	320 G	5	52.51	54.67	53.43
YLR285W	320 G	6	53.67	55.76	49.78
YLR287C	320 G	7	49.03	51.90	48.87
YLR287C-A	320 G	8	50.30	53.71	51.60
YLR288C	320 G	9	57.04	58.12	56.19
YLR289W	320 G	10	57.33	51.18	44.30
YLR290C	320 G	11	54.50	57.62	46.11
YLR292C	320 G	12	50.90	54.74	52.51
YLR294C	320 H	2	75.37	63.79	58.00
YLR296W	320 H	3	70.36	57.93	45.21
YLR297W	320 H	4	51.57	52.88	49.78
YLR299W	320 H	5	53.33	53.53	42.48
YLR300W	320 H	6	47.40	48.80	46.11
YLR306W	320 H	7	49.55	51.03	48.87
YLR307W	320 H	8	63.70	54.13	47.95
YLR308W	320 H	9	49.78	50.63	50.70
YLR309C	320 H	10	62.69	53.05	42.47
YLR311C	320 H	11	47.52	49.81	50.70
YLR312C	320 H	12	48.54	50.11	50.70
YLR313C	321 A	1	48.61	50.63	23.29
YLR315W	321 A	2	56.90	59.00	50.70
YLR318W	321 A	3	50.90	52.27	25.11
YLR319C	321 A	4	54.81	57.91	48.87
YLR320W	321 A	5	99.6	88.79	65.31
YLR322W	321 A	6	45.86	45.61	23.29
YDR147W	321 A	7	55.13	55.69	51.60
YDR148C	321 A	8	47.62	48.84	42.48

YDR149C	321 A	9	75.91	66.31	27.86
YDR150W	321 A	10	69.29	60.37	34.25
YDR151C	321 A	11	53.26	54.47	51.60
YDR152W	321 A	12	54.95	55.44	50.70
YDR153C	321 B	1	51.57	52.00	47.94
YDR154C	321 B	2	73.31	59.76	47.04
YDR155C	321 B	3	51.16	51.30	30.58
YDR156W	321 B	4	51.37	51.20	36.06
YDR157W	321 B	5	74.03	59.01	47.04
YDR159W	321 B	6	42.77	41.63	25.11
YDR161W	321 B	7	47.43	47.62	26.93
YDR162C	321 B	8	42.92	44.45	33.33
YDR163W	321 B	10	56.61	58.01	60.74
YDR165W	321 B	11	54.22	55.76	56.19
YDR169C	321 B	12	51.63	52.51	25.11
YDR171W	321 C	1	59.78	49.22	26.94
YDR173C	321 C	2	38.63	38.99	25.11
YDR176W	321 C	3	45.80	47.36	28.78
YDR178W	321 C	4	48.03	50.01	48.87
YDR179C	321 C	5	48.87	51.40	51.60
YDR179W-A	321 C	6	48.74	52.04	48.87
YDR181C	321 C	7	51.23	54.05	51.60
YDR183W	321 C	8	49.68	52.00	35.17
YDR184C	321 C	9	52.24	53.60	51.60
YDR185C	321 C	10	48.48	49.81	30.58
YDR186C	321 C	11	45.77	46.14	25.11
YDR191W	321 C	12	49.23	50.63	45.21
YDR192C	321 D	1	43.97	43.67	30.58
YDR193W	321 D	2	46.30	49.39	25.11
YDR195W	321 D	3	55.76	59.22	47.94
YDR198C	321 D	4	48.29	50.83	48.87
YDR199W	321 D	5	42.39	42.60	23.29
YDR200C	321 D	6	57.98	58.67	33.33
YDR203W	321 D	7	45.21	49.06	52.51
YDR206W	321 D	8	49.94	52.58	51.60
YDR207C	321 D	9	60.29	67.87	51.60
YDR209C	321 D	10	49.52	52.10	53.43
YDR210W	321 D	11	60.44	63.89	54.36
YDR213W	321 D	12	46.64	47.81	37.91
YDR214W	321 E	1	43.76	43.13	28.78
YDR215C	321 E	2	46.17	47.81	42.48
YDR216W	321 E	3	49.35	52.14	46.11
YDR217C	321 E	4	47.97	50.87	48.87
YDR218C	321 E	5	42.65	46.23	22.37
YDR219C	321 E	6	49.75	52.07	48.87
YDR220C	321 E	7	47.59	50.20	47.05
YDR221W	321 E	8	48.35	50.63	46.11
YDR222W	321 E	9	44.24	47.08	25.11
YDR223W	321 E	10	52.78	55.59	52.51
YDR225W	321 E	11	68.87	59.54	26.03
YDR226W	321 E	12	51.26	52.92	52.51
YDR229W	321 F	1	51.90	52.71	48.87

YDR233C	321 F	2	49.58	52.37	44.30
YDR239C	321 F	3	46.64	49.97	56.19
YDR241W	321 F	4	39.74	40.51	26.93
YGL194C	321 F	5	45.00	46.33	43.40
YGL195W	321 F	6	41.20	39.10	31.52
YGL196W	321 F	7	54.74	55.48	52.51
YGL197W	321 F	8	52.71	55.34	47.94
YGL198W	321 F	9	54.13	48.39	24.20
YGL200C	321 F	10	48.06	51.94	53.43
YGL202W	321 F	11	48.90	50.93	48.87
YGL203C	321 F	12	43.70	44.33	35.17
YGL204W	321 G	1	49.58	51.16	54.36
YJR030C	321 G	2	50.34	52.95	48.87
YGL208W	321 G	3	45.61	47.49	42.48
YGL209W	321 G	4	42.21	43.76	27.86
YGL210W	321 G	5	47.14	50.24	55.27
YGL211W	321 G	6	54.96	58.1	39.73
YGL212W	321 G	7	49.06	52.95	59.81
YGL213C	321 G	8	47.02	49.68	36.06
YGL215W	321 G	9	48.96	51.83	56.19
YGL216W	321 G	10	48.71	51.83	51.60
YGL220W	321 G	11	42.57	43.13	23.29
YGL221C	321 G	12	52.65	54.40	52.51
YGL222C	321 H	2	47.71	49.97	50.70
YGL224C	321 H	3	51.43	52.92	56.19
YGL226C-A	321 H	4	49.32	51.47	39.71
YGL226W	321 H	5	52.54	53.22	52.51
YGL227W	321 H	6	59.37	61.38	55.27
YGL228W	321 H	7	50.04	51.87	25.11
YGL229C	321 H	8	52.75	53.74	50.70
YGL230C	321 H	9	47.36	49.03	24.21
YGL231C	321 H	10	49.39	51.94	54.36
YGL232W	321 H	11	49.29	50.47	42.48
YGL237C	321 H	12	36.27	34.08	26.03
YGL240W	322 A	1	46.23	48.58	36.99
YGL241W	322 A	2	53.50	54.40	58.93
YGL242C	322 A	3	52.34	54.08	50.70
YGL243W	322 A	4	74.64	61.09	29.68
YGL244W	322 A	5	48.45	51.60	33.33
YGL246C	322 A	6	59.07	60.55	42.48
YGL248W	322 A	7	53.91	55.27	50.70
YGL249W	322 A	8	53.67	55.62	46.11
YGL250W	322 A	9	53.64	52.75	44.30
YGL252C	322 A	10	44.51	45.80	29.67
YGL253W	322 A	11	55.16	56.33	47.94
YGL254W	322 A	12	53.60	54.81	50.70
YGL255W	322 B	1	56.51	56.40	49.78
YGL256W	322 B	2	54.54	55.73	49.78
YGL257C	322 B	3	63.33	54.41	46.12
YGL258W	322 B	4	49.13	51.43	46.11
YGL259W	322 B	5	48.80	51.30	47.05
YGL260W	322 B	6	48.67	51.10	47.94

YGL261C	322 B	7	47.94	50.50	52.51
YGL262W	322 B	8	48.22	51.03	48.87
YGL263W	322 B	9	52.41	55.66	28.78
YGR001C	322 B	11	51.26	53.36	44.30
YGR003W	322 B	12	54.33	55.02	43.40
YGR004W	322 C	1	55.62	56.76	54.36
YGR006W	322 C	2	71.47	52.59	26.03
YGR007W	322 C	3	48.03	50.34	50.70
YGR008C	322 C	4	45.46	48.29	43.40
YGR010W	322 C	5	48.64	52.71	55.27
YGR012W	322 C	6	50.44	53.98	57.08
YGR014W	322 C	7	51.20	53.95	52.51
YGR015C	322 C	8	51.03	54.40	50.70
YGR016W	322 C	9	51.83	54.64	56.19
YGR017W	322 C	10	51.94	54.74	50.70
YGR019W	322 C	11	48.96	50.67	36.06
YGR020C	322 C	12	56.15	55.90	40.65
YGR021W	322 D	1	72.39	58.20	44.30
YGR023W	322 D	2	53.05	54.26	28.78
YGR026W	322 D	3	46.77	50.83	56.19
YPL091W	322 D	4	54.08	55.76	55.27
YPL090C	322 D	5	47.27	49.29	50.70
YPL089C	322 D	6	47.46	51.50	56.19
YPL088W	322 D	7	51.73	56.04	57.08
YPL087W	322 D	8	49.55	53.22	49.78
YPL086C	322 D	9	58.16	61.68	58.93
YPL081W	322 D	11	45.89	48.26	50.70
YPL080C	322 D	12	48.32	50.11	48.87
YPL079W	322 E	1	51.50	54.99	61.64
YPL077C	322 E	2	53.43	54.78	45.21
YPL074W	322 E	3	48.61	51.37	58.93
YPL073W	322 E	4	50.90	53.77	49.78
YPL072C	322 E	5	48.35	51.37	49.78
YPL071C	322 E	6	54.50	48.95	15.07
YPL070W	322 E	7	48.96	52.85	49.78
YPL069C	322 E	8	46.95	50.47	46.11
YPL068C	322 E	9	46.02	48.61	25.11
YPL067C	322 E	10	57.41	52.60	55.25
YPL066W	322 E	11	57.22	47.82	24.20
YPL065W	322 E	12	55.83	48.17	34.25
YPL064C	322 F	1	53.60	54.40	49.78
YPL062W	322 F	2	68.90	58.90	54.35
YPL061W	322 F	3	49.09	52.31	46.11
YPL060W	322 F	4	49.48	52.82	51.60
YPL059W	322 F	5	52.75	54.47	50.70
YPL058C	322 F	6	54.33	56.72	50.70
YPL057C	322 F	7	43.97	46.86	47.05
YPL056C	322 F	8	49.06	50.67	53.43
YPL055C	322 F	9	48.77	51.63	38.82
YPL054W	322 F	10	47.24	50.24	55.27
YPL053C	322 F	11	53.22	56.04	47.05
YPL052W	322 F	12	59.88	58.60	55.27

YPL051W	322 G	1	58.70	49.65	20.55
YGR096W	322 G	2	53.26	55.83	44.30
YPL049C	322 G	3	73.88	65.31	27.86
YPL048W	322 G	4	46.64	50.01	51.60
YPL047W	322 G	5	44.97	48.22	32.42
YPL046C	322 G	6	46.33	49.58	53.43
YGR088W	322 G	7	49.35	53.26	55.27
YPL041C	322 G	8	50.53	53.09	47.05
YPL039W	322 G	9	50.83	54.05	51.60
YPL038W	322 G	10	48.48	51.90	47.94
YPL037C	322 G	11	45.31	47.24	47.94
YPL035C	322 G	12	56.15	56.43	55.27
YPL033C	322 H	2	56.47	56.19	52.51
YPL032C	322 H	3	64.36	66.04	47.05
YPL030W	322 H	4	52.34	53.16	22.37
YPL026C	322 H	5	53.72	55.52	36.07
YPL025C	322 H	6	55.76	56.29	49.78
YPL023C	322 H	7	59.51	59.59	57.08
YPL022W	322 H	8	54.50	54.74	51.60
YPL021W	322 H	9	57.01	57.58	50.70
YPL019C	322 H	10	54.78	56.86	44.30
YPL018W	322 H	11	65.69	66.99	50.70
YPL015C	322 H	12	42.86	46.39	47.05
YPL014W	323 A	1	46.73	49.29	22.37
YPL009C	323 A	2	68.25	56.12	52.51
YPL008W	323 A	3	65.67	67.55	43.38
YPL006W	323 A	4	49.71	50.87	45.21
YPL003W	323 A	5	51.67	52.75	50.70
YPL002C	323 A	6	40.31	40.45	24.21
YPL001W	323 A	7	57.26	57.40	52.51
YPR001W	323 A	8	52.07	53.19	55.27
YPR002W	323 A	9	61.60	60.51	49.78
YPR003C	323 A	10	52.37	52.88	47.94
YPR004C	323 A	11	56.63	45.38	23.29
YPR005C	323 A	12	48.35	50.34	20.54
YPR106W	323 B	1	57.94	58.45	47.05
YPR109W	323 B	2	56.47	57.65	48.87
YPR111W	323 B	3	48.67	50.97	23.29
YPR114W	323 B	4	47.84	51.20	52.51
YPR115W	323 B	5	53.19	54.88	29.67
YPR117W	323 B	6	48.40	49.97	36.07
YPR119W	323 B	7	68.93	70.28	52.51
YPR120C	323 B	8	62.14	65.73	63.47
YPR121W	323 B	9	50.53	52.17	49.78
YPR122W	323 B	10	56.04	55.87	54.36
YPR125W	323 B	12	52.20	53.46	53.43
YPR126C	323 C	1	52.20	54.12	48.87
YPR127W	323 C	2	74.43	61.18	58.91
YPR128C	323 C	3	52.61	53.50	47.05
YPR129W	323 C	4	47.43	49.19	27.86
YPR130C	323 C	5	70.45	58.76	52.51
YPR131C	323 C	6	53.12	54.33	22.37

YPR132W	323 C	7	42.60	41.75	26.03
YPR134W	323 C	8	72.72	56.83	47.95
YPR135W	323 C	9	86.30	71.93	15.07
YPR138C	323 C	10	53.67	55.23	46.11
YPR139C	323 C	11	67.63	49.22	28.77
YPR140W	323 C	12	46.58	48.84	23.29
YPR145W	323 D	1	47.81	49.68	49.78
YPR146C	323 D	2	55.81	45.52	45.21
YPR147C	323 D	3	49.97	52.10	25.11
YPR148C	323 D	4	53.67	55.62	43.40
YPR149W	323 D	5	54.40	57.22	48.87
YPR150W	323 D	6	69.30	57.91	31.51
YPR152C	323 D	7	53.65	55.72	54.35
YPR153W	323 D	8	62.32	56.16	43.38
YPR154W	323 D	9	51.70	55.48	20.54
YPR155C	323 D	10	75.46	63.03	56.17
YPR156C	323 D	11	48.99	50.97	34.25
YPR157W	323 D	12	67.31	54.26	47.04
YPR158W	323 E	1	51.06	52.37	50.70
YPR159W	323 E	2	76.44	64.33	41.56
YPR160W	323 E	3	55.16	57.80	40.65
YPR164W	323 E	4	63.74	66.40	40.65
YPR167C	323 E	5	51.06	52.58	51.60
YPR170C	323 E	6	75.48	63.91	59.82
YPR171W	323 E	7	54.88	56.43	51.60
YPR172W	323 E	8	52.61	53.95	47.94
YPR173C	323 E	9	45.27	47.24	32.42
YPR174C	323 E	10	54.67	55.76	55.27
YPR179C	323 E	11	51.16	53.71	54.36
YPR184W	323 E	12	53.98	55.87	51.60
YPR185W	323 F	1	50.70	52.34	54.36
YPR188C	323 F	2	50.53	52.41	52.51
YPR189W	323 F	3	51.33	53.67	45.21
YPR191W	323 F	4	36.86	37.75	34.24
YPR192W	323 F	5	68.48	57.50	22.38
YPR193C	323 F	6	53.71	55.09	47.94
YPR194C	323 F	7	54.40	56.08	46.11
YPR195C	323 F	8	48.77	49.71	26.93
YPR196W	323 F	9	48.64	49.58	26.93
YPR197C	323 F	10	46.02	46.86	42.48
YPR198W	323 F	11	46.63	48.18	39.73
YPR199C	323 F	12	51.20	52.88	49.78
YPR200C	323 G	1	49.32	51.23	49.78
YPR201W	323 G	2	68.83	57.03	47.95
YCR090C	323 G	3	59.11	62.09	53.43
YCR091W	323 G	4	55.41	56.40	51.60
YCR092C	323 G	5	48.22	47.97	26.93
YCR094W	323 G	6	43.76	47.05	25.11
YCR098C	323 G	7	54.60	55.62	56.19
YCR099C	323 G	8	55.66	57.73	52.51
YCR100C	323 G	9	54.92	55.59	56.19
YCR101C	323 G	10	53.19	53.98	53.43

YCR102C	323 G	11	65.34	53.88	47.95
YCR105W	323 G	12	50.07	51.57	55.27
YCR106W	323 H	2	49.78	51.67	53.43
YDL130W-A	323 H	3	53.09	54.81	55.27
YDR363W-A	323 H	4	49.55	48.80	34.24
YDR525W-A	323 H	5	47.71	50.37	51.60
YDR535C	323 H	6	50.17	52.44	53.43
YDR536W	323 H	7	54.85	56.26	49.78
YDR538W	323 H	8	53.26	53.84	54.36
YDR539W	323 H	9	49.03	51.33	57.08
YDR540C	323 H	10	52.54	54.40	50.70
YDR541C	323 H	11	56.72	56.29	52.51
YER039C-A	323 H	12	44.60	47.84	22.37
YER091C-A	324 A	1	51.37	52.20	47.94
YER144C	324 A	2	53.46	53.91	58.93
YER188W	324 A	3	59.59	61.60	48.87
YFL034C-A	324 A	4	57.73	57.15	45.21
YFR032C	324 A	5	50.63	51.73	53.43
YFR032C-A	324 A	6	45.61	47.87	46.11
YFR033C	324 A	7	54.26	54.92	26.03
YFR034C	324 A	8	56.61	56.86	47.05
YFR035C	324 A	9	54.99	54.36	43.40
YFR036W	324 A	10	49.71	50.44	54.36
YFR038W	324 A	11	52.24	52.65	47.05
YFR040W	324 A	12	56.86	56.47	51.60
YFR041C	324 B	1	54.47	55.44	47.05
YFR043C	324 B	2	52.00	54.81	25.11
YFR044C	324 B	3	53.98	56.15	49.78
YFR045W	324 B	4	59.55	61.75	50.70
YFR046C	324 B	5	58.56	60.18	56.19
YFR047C	324 B	6	62.40	62.40	50.70
YFR048W	324 B	7	50.17	53.33	44.30
YFR049W	324 B	8	57.04	59.37	55.27
YFR053C	324 B	9	48.64	51.23	50.70
YFR054C	324 B	10	51.73	52.75	46.11
YFR055W	324 B	11	51.94	52.82	47.94
YFR056C	324 C	1	44.69	46.55	46.11
YFR057W	324 C	2	51.97	55.34	40.65
YGR221C	324 C	3	53.57	57.69	58.93
YGR223C	324 C	4	55.80	58.78	56.19
YGR224W	324 C	5	59.55	59.81	50.70
YGR225W	324 C	6	52.71	54.12	55.27
YGR226C	324 C	7	58.85	60.14	47.94
YGR227W	324 C	8	52.61	57.91	53.43
YGR228W	324 C	9	45.62	46.86	26.94
YGR230W	324 C	11	51.13	53.36	49.78
YGR231C	324 C	12	48.22	49.91	48.87
YGR232W	324 D	1	57.54	60.70	60.74
YGR233C	324 D	2	57.94	61.49	30.58
YGR234W	324 D	3	50.80	54.71	55.27
YGR235C	324 D	4	52.65	54.99	46.11
YGR236C	324 D	5	55.66	57.15	52.51

YGR237C	324 D	6	56.72	60.25	60.74
YGR240C	324 D	7	58.34	61.45	57.08
YGR241C	324 D	8	49.91	52.99	50.70
YGR242W	324 D	9	49.78	54.15	52.51
YGR243W	324 D	10	53.40	54.40	48.87
YGR244C	324 D	11	49.13	51.67	47.94
YGR247W	324 D	12	49.42	51.67	54.36
YGR249W	324 E	1	53.36	54.22	52.51
YBL001C	324 E	2	54.43	57.08	53.43
YBL002W	324 E	3	56.90	60.25	54.36
YBL003C	324 E	4	52.92	54.74	52.51
YBL005W	324 E	5	46.08	49.94	23.29
YBL006C	324 E	6	75.16	79.95	58.93
YBL008W	324 E	7	47.46	52.00	53.43
YBL009W	324 E	8	51.00	54.02	50.70
YBL010C	324 E	9	54.54	56.68	48.87
YBL011W	324 E	10	52.61	54.02	48.87
YBL012C	324 E	11	53.26	55.13	51.60
YBL013W	324 E	12	53.26	55.13	51.60
YBL015W	324 F	1	51.67	52.07	47.94
YBL017C	324 F	2	58.82	61.07	53.43
YBL019W	324 F	3	52.00	55.44	60.74
YBL022C	324 F	4	63.82	69.22	68.04
YBL024W	324 F	5	57.83	62.47	62.55
YBL027W	324 F	6	60.51	63.70	63.47
YBL028C	324 F	7	62.17	62.43	58.93
YBL029W	324 F	8	58.45	61.11	51.60
YBL031W	324 F	9	54.86	60.99	36.07
YBL032W	324 F	10	53.60	57.44	56.19
YGR097W	324 F	11	55.09	56.22	50.70
YBL036C	324 F	12	49.55	50.34	47.05
YBL037W	324 G	1	50.40	52.65	52.51
YBL039C	324 G	2	57.47	60.48	51.60
YBL042C	324 G	3	58.81	58.86	54.35
YBL043W	324 G	4	51.20	54.99	46.11
YBL044W	324 G	5	52.34	55.83	58.93
YBL046W	324 G	6	74.62	65.70	62.56
YBL047C	324 G	7	54.71	58.56	67.11
YBL048W	324 G	8	50.83	53.84	51.60
YBL049W	324 G	9	51.73	55.27	55.27
YBL051C	324 G	10	52.95	57.29	54.36
YBL052C	324 G	11	52.17	55.83	60.74
YBL053W	324 G	12	50.97	52.37	52.51
YBL054W	324 H	2	51.90	53.36	39.71
YBL055C	324 H	3	49.48	51.67	54.36
YBL056W	324 H	4	49.88	52.04	48.87
YBL057C	324 H	5	47.81	49.81	39.71
YBL058W	324 H	6	45.00	44.30	25.11
YBL059W	324 H	7	51.63	53.09	52.51
YBL060W	324 H	8	51.06	52.88	50.70
YBL061C	324 H	9	48.26	49.35	47.94
YBL062W	324 H	10	50.63	51.00	48.87

YBL063W	324 H	11	51.23	52.75	52.51
YBL064C	324 H	12	51.03	52.34	46.11
YBL065W	325 A	1	53.00	51.75	38.81
YBL066C	325 A	2	46.51	47.74	41.54
YBL067C	325 A	3	52.00	51.26	51.60
YBL068W	325 A	4	53.77	53.60	50.70
YBL069W	325 A	5	53.71	55.23	42.48
YBL070C	325 A	6	53.91	54.71	51.60
YBL071C	325 A	7	50.17	51.00	48.87
YBL072C	325 A	8	41.86	41.40	35.17
YBL075C	325 A	9	54.95	54.92	47.05
YBL078C	325 A	10	56.83	56.86	47.94
YBL079W	325 A	11	59.81	58.01	47.94
YBL081W	325 A	12	60.10	60.22	51.60
YBL082C	325 B	1	54.50	53.95	50.70
YBL083C	325 B	2	62.62	64.67	44.30
YBL085W	325 B	3	54.40	55.87	47.05
YBL086C	325 B	4	51.43	53.43	53.43
YBL087C	325 B	5	43.22	45.40	42.48
YBL088C	325 B	6	55.46	49.41	40.64
YBL089W	325 B	7	53.33	55.59	57.98
YBL091C	325 B	8	45.52	48.61	23.29
YBL094C	325 B	9	51.33	54.15	57.98
YGL002W	325 B	10	46.51	48.61	45.21
YGL003C	325 B	11	43.28	45.64	40.65
YGL005C	325 B	12	58.41	57.33	54.36
YGL006W	325 C	2	58.58	51.24	53.43
YGL007W	325 C	3	51.20	54.05	54.36
YGL010W	325 C	4	55.55	56.22	51.60
YGL012W	325 C	5	55.09	59.92	50.70
YGL013C	325 C	6	51.94	53.46	56.19
YGL014W	325 C	7	50.07	52.00	37.91
YGL015C	325 C	8	51.16	54.08	51.60
YGL016W	325 C	9	47.65	48.19	50.70
YGL019W	325 C	10	48.22	51.06	47.05
YGL021W	325 C	11	59.66	60.14	37.91
YGL025C	325 C	12	48.96	49.71	47.05
YGL027C	325 D	1	61.07	58.82	52.51
YGL028C	325 D	2	58.56	59.26	52.51
YGL031C	325 D	3	57.58	57.29	53.43
YGL032C	325 D	4	46.08	49.75	53.43
YGL034C	325 D	5	59.51	59.51	56.19
YGL039W	325 D	6	53.43	55.16	50.70
YGL041C	325 D	7	53.50	55.51	51.60
YGL043W	325 D	8	45.12	47.02	44.30
YGL045W	325 D	9	45.00	45.40	43.40
YGL046W	325 D	10	46.80	48.61	49.78
YGL050W	325 D	11	44.42	44.94	42.48
YGL053W	325 D	12	49.19	52.00	51.60
YGL054C	325 E	1	52.10	55.34	51.60
YGL056C	325 E	2	50.99	51.41	47.04
YGL058W	325 E	3	65.31	56.82	44.30

YGL059W	325 E	4	50.53	52.44	45.21
YGL060W	325 E	5	64.86	68.04	57.08
YGL062W	325 E	6	50.97	52.68	52.51
YGL066W	325 E	7	44.79	44.97	40.65
YGL067W	325 E	8	46.17	48.74	48.87
YGL070C	325 E	9	76.76	63.34	36.07
YGL072C	325 E	10	50.73	51.33	50.69
YGL077C	325 E	11	55.69	57.47	58.93
YGL078C	325 E	12	44.36	46.11	48.87
YGL079W	325 F	1	47.74	50.11	47.94
YGL080W	325 F	2	51.47	53.19	48.87
YGL082W	325 F	3	53.19	53.64	51.60
YGL084C	325 F	4	52.41	53.36	42.48
YGL085W	325 F	5	60.92	64.47	57.08
YGL086W	325 F	6	50.14	52.41	55.27
YGL087C	325 F	7	48.67	50.37	47.94
YGL089C	325 F	8	48.96	51.40	51.60
YGL090W	325 F	9	48.48	51.40	52.51
YNL242W	325 F	10	49.94	52.24	52.51
YNL239W	325 F	11	48.42	48.64	42.48
YNL237W	325 F	12	51.37	54.19	60.74
YNL236W	325 G	1	58.12	58.16	36.06
YNL235C	325 G	2	50.30	50.14	41.54
YNL233W	325 G	3	48.16	49.35	44.30
YNL231C	325 G	4	51.94	53.46	51.60
YNL230C	325 G	5	49.39	51.50	45.21
YNL229C	325 G	6	51.40	53.05	43.40
YNL228W	325 G	7	46.58	48.58	54.36
YNL226W	325 G	8	49.68	50.27	51.60
YNL227C	325 G	9	48.38	49.00	25.11
YNL225C	325 G	10	67.56	56.12	54.35
YNL224C	325 G	11	43.91	44.03	19.63
YNL219C	325 G	12	56.54	56.61	51.60
YNL217W	325 H	2	49.09	50.83	46.11
YNL215W	325 H	3	59.44	59.44	48.87
YNL214W	325 H	4	51.53	52.51	50.70
YNL212W	325 H	5	49.03	50.63	49.78
YNL211C	325 H	6	55.90	57.91	53.43
YNL206C	325 H	7	52.00	54.12	53.43
YNL205C	325 H	8	58.05	58.71	54.36
YNL204C	325 H	9	56.40	57.29	52.51
YNL202W	325 H	10	47.02	49.29	47.94
YNL203C	325 H	11	55.09	56.86	57.98
YNL201C	325 H	12	51.87	53.40	51.60
YNL200C	326 A	1	49.91	50.77	30.58
YNL199C	326 A	2	49.39	50.24	33.33
YNL198C	326 A	3	49.81	50.30	34.24
YNL197C	326 A	4	42.40	42.79	30.59
YNL196C	326 A	5	54.85	56.97	51.60
YNL195C	326 A	6	50.34	51.97	37.91
YNL194C	326 A	7	49.61	50.93	33.33
YNL193W	326 A	8	51.03	52.78	44.30

YNL191W	326 A	9	48.74	49.84	39.71
YNL190W	326 A	10	48.10	49.81	39.71
YNL187W	326 A	11	45.80	47.46	33.33
YNL183C	326 A	12	41.83	41.57	31.52
YNL179C	326 B	1	53.02	55.69	36.06
YNL176C	326 B	2	47.78	50.60	42.48
YNL175C	326 B	3	48.67	51.30	47.94
YNL173C	326 B	4	45.95	48.71	47.05
YNL170W	326 B	5	46.11	47.68	45.21
YNL168C	326 B	6	46.17	48.10	42.48
YNL160W	326 B	7	44.94	47.74	46.11
YNL159C	326 B	8	45.31	47.71	41.54
YNL157W	326 B	9	59.11	63.89	62.55
YNL155W	326 B	10	46.36	48.90	42.48
YNL154C	326 B	11	47.84	50.60	45.21
YNL148C	326 B	12	51.20	55.30	47.94
YKL191W	326 C	1	45.24	46.23	39.71
YKL197C	326 C	3	46.86	49.91	40.65
YKL198C	326 C	4	47.24	49.65	47.05
YKL199C	326 C	5	45.92	48.45	46.11
YKL200C	326 C	6	48.45	51.37	47.05
YKL205W	326 C	7	43.37	45.52	46.11
YKL206C	326 C	8	46.67	49.94	49.78
YKL207W	326 C	9	44.57	47.52	53.43
YKL208W	326 C	10	41.83	42.65	23.29
YKL212W	326 C	11	28.01	27.52	17.81
YKL213C	326 C	12	40.14	42.04	28.78
YKL214C	326 D	1	48.77	50.50	42.48
YKL216W	326 D	2	47.65	49.91	50.70
YKL217W	326 D	3	42.71	44.24	26.93
YKL218C	326 D	4	45.95	48.51	33.33
YKL221W	326 D	5	44.21	46.08	36.06
YKL222C	326 D	6	44.51	46.80	47.94
YKR003W	326 D	7	44.24	46.61	30.58
YKR005C	326 D	8	45.15	48.26	47.94
YKR007W	326 D	9	49.16	51.30	43.40
YKR009C	326 D	10	41.14	42.95	26.93
YKR011C	326 D	11	44.33	46.11	44.30
YKR012C	326 D	12	45.18	46.86	36.99
YKR013W	326 E	1	50.70	52.37	36.99
YKR014C	326 E	2	50.14	53.33	48.87
YKR015C	326 E	3	58.45	59.59	51.60
YKR016W	326 E	4	50.20	50.57	31.52
YKR017C	326 E	5	44.54	46.70	52.51
YKR018C	326 E	6	57.09	49.68	43.38
YKR020W	326 E	7	37.80	38.19	34.24
YKR021W	326 E	8	53.91	53.71	50.70
YKR024C	326 E	9	43.85	43.70	29.67
YKR026C	326 E	10	46.30	48.90	53.43
YKR030W	326 E	11	45.21	47.27	24.21
YKR031C	326 E	12	45.49	45.34	32.42
YKR032W	326 F	1	44.30	45.58	35.17

YKR033C	326 F	2	54.50	54.67	49.78
YKR035C	326 F	3	46.64	48.61	47.05
YKR042W	326 F	4	47.62	49.26	27.86
YKR043C	326 F	5	53.46	54.05	48.87
YKR044W	326 F	6	50.47	51.97	51.60
YKR045C	326 F	7	52.54	52.99	46.11
YKR047W	326 F	8	45.12	47.65	47.05
YKR048C	326 F	9	53.36	54.47	48.87
YKR049C	326 F	10	52.58	53.16	45.21
YKR050W	326 F	11	56.15	49.69	25.11
YKR051W	326 F	12	46.51	48.06	30.58
YKR052C	326 G	1	50.44	51.87	35.17
YKR054C	326 G	2	61.76	62.02	57.09
YKR055W	326 G	3	52.43	53.24	36.07
YKR056W	326 G	4	60.96	65.88	63.47
YKR057W	326 G	5	56.40	59.55	47.94
YKR058W	326 G	6	61.00	66.79	34.24
YKR059W	326 G	7	51.97	52.91	29.68
YKR060W	326 G	8	47.07	48.66	46.12
YKR061W	326 G	9	61.68	66.75	58.93
YKR064W	326 G	10	55.54	56.29	27.86
YKR065C	326 G	11	57.58	61.49	46.11
YDR244W	326 G	12	55.51	60.81	58.93
YDR247W	326 H	2	52.72	55.44	58.91
YDR248C	326 H	3	52.92	53.84	47.95
YDR249C	326 H	4	61.22	65.73	54.36
YDR250C	326 H	5	53.69	54.7	42.47
YDR251W	326 H	6	49.05	50.52	30.59
YDR252W	326 H	7	61.34	65.06	53.43
YDR253C	326 H	8	97.66	91.65	74.44
YDR254W	326 H	9	64.67	69.46	60.73
YDR255C	326 H	10	64.78	68.76	44.30
YDR256C	326 H	11	46.8	48.49	33.34
YDR257C	326 H	12	60.80	52.22	36.99
YDR258C	327 A	1	63.72	47.11	9.59
YDR259C	327 A	2	49.29	51.00	48.87
YDR260C	327 A	3	49.29	51.00	48.87
YDR261C	327 A	4	52.10	53.71	52.51
YDR262W	327 A	5	58.45	59.33	47.94
YDR263C	327 A	6	58.12	59.40	54.36
YDR264C	327 A	7	83.12	92.03	91.79
YDR265W	327 A	8	57.91	59.22	30.58
YDR266C	327 A	9	52.89	54.97	37.9
YDR270W	327 A	10	56.12	58.09	48.87
YDR272W	327 A	11	49.22	50.97	49.78
YDR273W	327 A	12	58.74	59.44	51.60
YDR274C	327 B	1	66.36	70.61	51.60
YDR275W	327 B	2	60.10	62.24	50.70
YDR276C	327 B	3	61.04	68.20	38.82
YDR277C	327 B	4	52.88	55.69	47.05
YDR278C	327 B	5	50.90	52.24	49.78
YDR279W	327 B	6	51.83	54.78	51.60

YDR282C	327 B	7	49.71	52.20	56.19
YDR283C	327 B	8	51.16	53.09	48.87
YDR284C	327 B	9	51.00	54.64	56.19
YDR285W	327 B	10	51.70	53.64	43.40
YDR286C	327 B	11	49.78	51.30	52.51
YDR287W	327 B	12	55.48	58.16	56.19
YDR289C	327 C	1	51.90	53.91	47.05
YDR291W	327 C	2	58.67	59.92	50.70
YDR293C	327 C	4	69.60	54.60	24.20
YDR294C	327 C	5	54.85	58.09	56.19
YDR295C	327 C	6	56.97	57.11	49.78
YDR297W	327 C	7	47.90	49.71	47.94
YDR300C	327 C	8	56.16	58.47	41.56
YDR304C	327 C	9	55.55	58.05	54.36
YDR305C	327 C	10	71.62	61.10	56.17
YDR306C	327 C	11	53.46	55.62	51.60
YDR307W	327 C	12	54.08	54.85	49.78
YDR309C	327 D	1	58.85	58.52	52.51
YDR310C	327 D	2	59.15	60.48	50.70
YDR312W	327 D	3	70.22	59.44	45.21
YDR313C	327 D	4	54.95	57.73	47.05
YDR314C	327 D	5	53.50	55.59	47.94
YDR315C	327 D	6	51.77	53.33	50.70
YDR316W	327 D	7	50.60	51.47	53.43
YDR317W	327 D	8	70.61	62.70	60.73
YDR318W	327 D	9	64.78	70.15	62.55
YDR319C	327 D	10	52.27	54.22	50.70
YDR320C	327 D	11	51.23	52.68	48.87
YDR321W	327 D	12	56.93	57.22	53.43
YDR323C	327 E	1	61.68	64.71	42.48
YDR329C	327 E	2	57.44	60.18	58.93
YDR330W	327 E	3	57.01	58.23	54.36
YDR333C	327 E	4	54.47	55.37	54.36
YDR334W	327 E	5	53.09	54.88	47.05
YDR335W	327 E	6	75.90	80.45	67.11
YDR336W	327 E	7	54.85	56.47	55.27
YIL001W	327 E	8	50.24	51.80	45.21
YIL002C	327 E	9	52.14	54.22	47.94
YIL005W	327 E	10	56.12	59.11	54.36
YIL011W	327 E	11	57.19	57.94	53.43
YIL012W	327 E	12	58.05	59.37	55.27
YIL013C	327 F	1	79.54	64.09	54.35
YIL014W	327 F	2	57.76	59.44	48.87
YIL015W	327 F	3	53.02	55.16	50.70
YIL016W	327 F	4	53.02	54.95	48.87
YIL017C	327 F	5	49.48	52.10	40.65
YIL020C	327 F	6	59.99	59.66	51.60
YIL023C	327 F	7	55.20	55.90	44.30
YIL024C	327 F	8	52.41	54.64	52.51
YIL025C	327 F	9	52.31	54.36	52.51
YIL027C	327 F	10	50.87	53.29	45.21
YIL028W	327 F	11	50.90	52.44	47.05

YIL029C	327 F	12	53.16	56.01	49.78
YIL032C	327 G	1	76.32	60.85	48.87
YIL034C	327 G	2	58.82	59.40	49.78
YIL035C	327 G	3	61.98	63.51	54.36
YIL036W	327 G	4	57.73	57.69	53.43
YIL037C	327 G	5	58.63	60.14	49.78
YIL040W	327 G	6	60.03	63.74	25.11
YIL041W	327 G	7	50.67	52.88	44.30
YIL043C	327 G	8	57.58	56.79	49.78
YIL044C	327 G	9	52.99	55.13	51.60
YIL045W	327 G	10	54.95	54.99	43.40
YIL049W	327 G	11	53.67	55.73	25.11
YIL050W	327 G	12	50.87	51.83	45.21
YIL053W	327 H	2	51.03	52.04	42.48
YIL057C	327 H	3	63.39	63.28	53.43
YIL064W	327 H	4	57.01	57.22	43.40
YIL065C	327 H	5	52.92	54.92	47.05
YIL072W	327 H	6	58.20	59.22	47.94
YIL073C	327 H	7	55.51	56.19	43.40
YIL076W	327 H	8	45.25	46.46	33.34
YIL077C	327 H	9	55.48	58.16	56.19
YIL079C	327 H	10	53.09	53.71	47.94
YIL084C	327 H	11	58.38	58.89	50.70
YIL086C	327 H	12	58.34	58.23	54.36
YIL087C	328 A	1	47.36	47.14	31.52
YIL088C	328 A	2	50.17	51.53	45.21
YIL090W	328 A	3	48.80	50.63	47.05
YIL095W	328 A	4	49.00	48.93	34.24
YIL096C	328 A	5	51.90	52.14	52.51
YFL006W	328 A	6	49.55	49.71	46.11
YFL011W	328 A	7	51.80	52.85	53.43
YFL015C	328 A	8	51.30	51.94	41.54
YFL018C	328 A	9	39.91	40.08	25.11
YFL020C	328 A	10	49.00	50.53	48.87
YFL021W	328 A	11	52.88	52.58	47.05
YFL023W	328 A	12	48.48	49.00	28.78
YFL025C	328 B	1	51.80	53.46	48.87
YFL027C	328 B	2	49.55	51.30	49.78
YFL028C	328 B	3	50.80	52.92	46.11
YFL030W	328 B	4	52.51	54.05	52.51
YFL031W	328 B	5	55.85	59.38	51.61
YFL032W	328 B	6	49.00	51.43	55.27
YFL034W	328 B	7	45.21	48.00	51.60
YFL035C-B	328 B	8	49.09	51.97	52.51
YFL040W	328 B	9	51.06	53.95	47.94
YFL041W	328 B	10	50.67	52.58	49.78
YFL043C	328 B	11	52.00	53.98	51.60
YFL044C	328 B	12	50.57	51.26	33.33
YFL046W	328 C	1	48.22	49.84	44.30
YFL047W	328 C	2	53.26	55.83	25.11
YFL048C	328 C	3	54.15	56.76	55.27
YFL049W	328 C	5	48.32	51.10	25.11

YFL050C	328 C	6	58.56	59.92	56.19
YFL051C	328 C	7	51.06	53.22	52.51
YFL052W	328 C	8	48.90	52.65	50.70
YFL053W	328 C	9	52.51	55.37	47.05
YFL054C	328 C	10	54.26	57.19	56.19
YFL055W	328 C	11	53.02	54.67	55.27
YFL056C	328 C	12	53.74	54.74	55.27
YFR001W	328 D	1	46.58	46.20	26.03
YFR006W	328 D	2	49.58	51.70	21.46
YFR007W	328 D	3	46.20	50.14	51.60
YFR008W	328 D	4	51.80	53.09	47.05
YFR009W	328 D	5	47.11	50.24	47.94
YFR010W	328 D	6	46.67	51.87	54.36
YFR012W	328 D	7	53.26	55.55	52.51
YFR014C	328 D	8	53.29	55.83	57.98
YFR015C	328 D	9	48.80	51.87	44.30
YFR016C	328 D	10	46.08	49.22	48.87
YFR017C	328 D	11	49.65	52.68	54.36
YFR018C	328 D	12	49.48	51.13	47.05
YFR020W	328 E	1	63.31	61.71	43.40
YFR021W	328 E	2	55.41	57.76	58.93
YFR022W	328 E	3	49.09	51.13	53.43
YFR023W	328 E	4	50.47	54.15	53.43
YFR024C-A	328 E	5	48.45	52.24	53.43
YFR026C	328 E	6	47.17	50.40	45.21
YFR031C-A	328 E	7	47.55	50.77	53.43
YGR256W	328 E	8	59.29	61.19	53.43
YGR259C	328 E	9	51.20	52.85	47.05
YGR260W	328 E	10	52.78	55.16	46.11
YGR261C	328 E	11	49.35	53.36	54.36
YGR263C	328 E	12	48.61	49.97	48.87
YGR266W	328 F	1	45.34	46.64	46.11
YGR268C	328 F	2	53.16	56.76	57.08
YGR269W	328 F	3	54.81	62.02	57.98
YGR270W	328 F	4	51.33	53.19	33.33
YGR275W	328 F	5	54.19	55.73	56.19
YGR279C	328 F	6	47.84	51.33	23.29
YGR281W	328 F	7	56.79	59.26	49.78
YGR282C	328 F	8	58.49	61.64	53.43
YGR283C	328 F	9	53.88	55.69	55.27
YGR284C	328 F	10	53.98	55.59	50.70
YGR285C	328 F	11	44.85	43.85	32.42
YGR286C	328 F	12	47.14	49.22	48.87
YGR287C	328 G	1	51.16	51.60	52.51
YGR288W	328 G	2	56.04	57.08	48.87
YGR290W	328 G	3	55.30	56.01	48.87
YHR021W-A	328 G	4	59.15	59.77	48.87
YHR039C-B	328 G	5	64.32	66.95	47.94
YHR079C-B	328 G	6	58.82	59.62	48.87
YIL009C-A	328 G	7	59.66	61.69	53.43
YIR017C	328 G	8	50.11	53.09	52.51
YIR018W	328 G	9	55.06	57.65	47.05

YIR019C	328 G	10	51.23	53.64	50.70
YIR020C	328 G	11	55.76	57.22	49.78
YIR020W-B	328 G	12	57.44	55.83	47.05
YIR024C	328 H	2	59.73	58.89	56.19
YIR025W	328 H	3	53.33	54.05	50.70
YIR026C	328 H	4	42.95	44.00	32.42
YIR027C	328 H	5	56.65	55.97	49.78
YIR028W	328 H	6	58.05	56.86	45.21
YIR029W	328 H	7	47.62	49.00	46.11
YIR031C	328 H	8	66.87	64.94	53.43
YIR033W	328 H	9	63.20	62.28	49.78
YIR035C	328 H	10	56.19	56.68	56.19
YIR036C	328 H	11	53.22	53.95	53.43
YIR037W	328 H	12	61.11	59.73	49.78
YIR038C	329 A	1	46.70	48.61	49.78
YIR039C	329 A	2	62.43	61.26	47.05
YIR042C	329 A	3	63.24	60.78	48.87
YKL033W-A	329 A	4	63.39	67.5	50.69
YKL162C-A	329 A	5	56.86	54.85	51.60
YKR035W-A	329 A	6	57.47	58.38	48.87
YKR066C	329 A	7	55.48	55.59	50.70
YKR067W	329 A	8	56.61	56.83	47.05
YKR069W	329 A	9	54.22	54.40	54.36
YKR070W	329 A	10	48.10	49.88	49.78
YKR072C	329 A	11	56.68	55.48	50.70
YKR073C	329 A	12	63.11	51.85	48.87
YKR074W	329 B	1	51.77	54.95	52.51
YKR075C	329 B	2	58.85	60.33	57.08
YKR076W	329 B	3	53.60	55.51	51.60
YKR077W	329 B	4	62.97	66.12	40.65
YKR078W	329 B	5	50.24	52.44	47.94
YKR080W	329 B	6	57.33	58.09	55.27
YKR082W	329 B	7	59.63	60.59	41.56
YKR084C	329 B	8	56.47	57.15	54.36
YMR062C	329 B	9	61.41	64.75	57.08
YMR063W	329 B	10	51.13	50.01	41.54
YMR065W	329 B	11	56.79	57.98	54.36
YMR067C	329 B	12	53.74	54.19	47.94
YMR068W	329 C	1	53.30	47.07	49.78
YMR069W	329 C	2	52.54	55.97	46.11
YMR070W	329 C	3	51.60	50.93	43.40
YMR071C	329 C	4	60.29	60.44	51.60
YMR072W	329 C	6	37.72	38.52	39.74
YMR073C	329 C	7	62.85	62.40	53.43
YMR075C-A	329 C	8	54.88	54.43	50.70
YMR075W	329 C	9	53.33	53.40	47.05
YMR077C	329 C	10	45.86	48.16	44.30
YMR078C	329 C	11	55.51	56.01	50.70
YMR080C	329 C	12	63.35	65.57	58.93
YMR081C	329 D	1	58.56	61.07	58.93
YMR082C	329 D	2	52.68	55.73	51.60
YMR083W	329 D	3	54.92	56.90	44.30

YMR084W	329 D	4	51.50	53.60	45.21
YMR085W	329 D	5	51.97	54.36	50.70
YMR086C-A	329 D	6	50.73	52.68	55.27
YMR086W	329 D	7	60.85	61.11	53.43
YMR087W	329 D	8	52.48	55.16	53.43
YMR088C	329 D	9	54.08	55.66	45.21
YMR090W	329 D	10	51.63	51.90	44.30
YMR092C	329 D	11	61.83	62.09	51.60
YNR070W	329 D	12	51.23	53.19	48.87
YNR071C	329 E	1	70.42	59.29	54.35
YNR072W	329 E	2	51.77	54.88	55.27
YNR073C	329 E	3	58.12	59.37	52.51
YNR075W	329 E	4	60.68	54.83	58.00
YOL013W-A	329 E	5	48.61	52.00	48.87
YOL087C	329 E	7	53.88	56.76	57.08
YOL088C	329 E	8	45.46	46.39	42.48
YOL089C	329 E	9	63.51	68.60	32.42
YOL090W	329 E	10	52.14	55.37	47.94
YOL091W	329 E	11	46.51	49.61	57.98
YOL092W	329 E	12	39.12	42.45	47.04
YOL093W	329 F	1	48.93	50.87	50.70
YOL096C	329 F	2	48.26	51.16	21.46
YOL098C	329 F	3	56.68	59.99	52.51
YOL099C	329 F	4	51.97	55.87	51.60
YOL101C	329 F	6	58.68	52.26	52.51
YOL103W	329 F	7	47.87	50.93	47.05
YOL104C	329 F	8	51.03	52.85	48.87
YOL105C	329 F	9	53.57	57.33	47.05
YOL106W	329 F	10	48.96	52.14	41.54
YOL107W	329 F	11	50.01	51.83	51.60
YOL108C	329 F	12	48.03	50.37	47.94
YOL109W	329 G	1	54.50	56.86	50.70
YOL110W	329 G	2	63.29	52.20	27.86
YOL111C	329 G	3	49.35	52.61	52.51
YOL112W	329 G	4	45.92	49.22	51.60
YOL113W	329 G	5	55.48	55.83	49.78
YOL114C	329 G	6	56.22	58.34	47.94
YOL115W	329 G	7	73.57	64.98	42.47
YOL116W	329 G	8	55.48	49.58	51.61
YOL117W	329 G	9	47.30	50.60	55.27
YOL118C	329 G	10	46.14	48.90	42.48
YOL119C	329 G	11	51.20	53.22	48.87
YOL121C	329 G	12	59.10	48.07	38.81
YOL122C	329 H	2	57.33	60.85	50.70
YOL124C	329 H	3	49.35	51.73	50.70
YOL126C	329 H	4	49.52	50.83	46.11
YOL128C	329 H	5	48.90	50.87	51.60
YOL129W	329 H	6	49.78	51.90	49.78
YOL131W	329 H	7	49.84	51.13	47.94
YOL132W	329 H	8	64.70	54.84	41.56
YOL136C	329 H	9	49.55	50.77	42.48
YOL137W	329 H	10	45.77	48.87	42.48

YOL138C	329 H	11	52.65	54.92	53.43
YBR232C	329 H	12	46.67	48.42	47.94
YDR424C	330 A	1	51.22	45.18	48.87
YEL011W	330 A	2	54.67	54.22	40.65
YER064C	330 A	3	53.05	53.60	51.60
YER078C	330 A	4	52.78	52.88	47.94
YER088C	330 A	5	62.05	62.02	54.36
YER092W	330 A	6	52.24	52.37	48.87
YER093C-A	330 A	7	57.36	55.69	47.05
YER095W	330 A	8	76.06	64.93	22.38
YER096W	330 A	9	55.90	54.54	47.94
YER097W	330 A	10	50.73	51.40	44.30
YER098W	330 A	11	48.74	49.32	48.87
YGR134W	330 A	12	47.33	48.51	44.30
YGR210C	330 B	1	49.45	51.00	47.05
YHL024W	330 B	2	54.71	54.57	48.87
YHL025W	330 B	3	53.01	52.4	30.59
YHR016C	330 B	4	47.81	49.55	52.51
YHR017W	330 B	5	53.67	56.19	51.60
YHR032W	330 B	6	53.29	54.99	48.87
YHR045W	330 B	7	52.24	52.85	48.87
YHR064C	330 B	8	42.33	40.59	26.93
YHR140W	330 B	9	48.38	50.17	48.87
YHR162W	330 B	10	47.78	50.01	54.36
YHR181W	330 B	11	50.01	52.20	50.70
YHR193C	330 C	1	64.46	52.28	17.81
YLL030C	330 C	2	50.73	54.02	52.51
YLL044W	330 C	3	47.78	49.84	44.30
YLL048C	330 C	4	50.93	53.77	48.87
YLL049W	330 C	5	59.88	59.85	54.36
YLL059C	330 C	7	45.46	48.96	51.60
YLR030W	330 C	8	49.00	52.34	43.40
YLR031W	330 C	9	51.77	53.36	50.70
YLR032W	330 C	10	57.36	60.22	56.19
YLR034C	330 C	11	48.71	51.60	50.70
YLR035C	330 C	12	48.61	50.53	51.60
YLR036C	330 D	1	49.09	50.73	45.21
YLR037C	330 D	2	50.04	53.02	45.21
YLR039C	330 D	3	48.84	51.43	45.21
YLR040C	330 D	4	49.55	52.71	51.60
YLR041W	330 D	5	47.97	51.06	51.60
YLR050C	330 D	6	49.06	51.06	50.70
YLR052W	330 D	7	47.68	49.71	48.87
YMR142C	330 D	8	50.27	50.40	43.40
YMR171C	330 D	9	46.58	49.68	49.78
YMR181C	330 D	10	53.57	54.92	56.19
YMR209C	330 D	11	67.74	58.45	49.78
YMR271C	330 D	12	46.67	47.78	48.87
YMR279C	330 E	1	58.76	50.44	48.87
YMR306W	330 E	2	48.96	51.73	47.05
YMR311C	330 E	3	53.16	56.01	32.42
YMR312W	330 E	4	53	54.25	40.64

YMR313C	330 E	5	66.87	65.88	50.70
YMR315W	330 E	6	61.33	54.61	49.78
YMR316C-A	330 E	7	51.77	54.26	46.11
YMR316C-B	330 E	8	48.90	50.97	50.70
YMR316W	330 E	9	44.33	46.14	44.30
YMR`317W	330 E	10	54.81	56.54	53.43
YMR318C	330 E	11	50.57	53.57	47.94
YMR319C	330 E	12	47.52	49.16	43.40
YMR320W	330 F	1	53.22	53.05	50.70
YNL250W	330 F	2	67.08	72.58	47.95
YNL279W	330 F	3	59.73	61.75	50.70
YNL300W	330 F	4	52.48	53.74	47.05
YNL316C	330 F	5	50.87	54.54	50.70
YOL016C	330 F	6	51.97	53.71	49.78
YOR096W	330 F	7	54.08	53.53	49.78
YOR306C	330 F	8	64.55	63.35	42.48
YOR317W	330 F	9	57.98	58.74	57.08
YPL134C	330 F	10	54.78	56.29	53.43
YML070W	330 F	11	58.01	59.62	55.27
YML071C	330 F	12	49.46	50.7	29.68
YML074C	330 G	1	65.93	53.93	15.99
YML090W	330 G	2	53.86	45.69	27.86
YML094W	330 G	3	50.24	52.65	51.60
YML095C	330 G	4	58.93	61.83	51.60
YML095C-A	330 G	5	65.72	56.85	41.56
YML096W	330 G	6	46.36	49.61	49.78
YML097C	330 G	7	52.20	58.01	54.36
YML099C	330 G	8	47.94	50.67	50.70
YML100W	330 G	9	56.08	59.18	42.48
YML100W-A	330 G	10	49.29	51.23	47.94
YML101C	330 G	11	48.42	51.87	48.87
YML102C-A	330 G	12	52.00	55.23	53.43
YML102W	330 H	2	51.53	53.36	54.36
YML103C	330 H	3	53.36	58.09	64.40
YML104C	330 H	4	49.84	51.37	47.05
YML106W	330 H	5	48.22	49.75	47.05
YML107C	330 H	6	49.35	49.39	48.87
YML108W	330 H	7	46.95	48.90	45.21
YML109W	330 H	8	50.67	51.73	45.21
YML111W	330 H	10	48.67	50.44	50.70
YML112W	330 H	11	59.02	62.09	53.43
YML113W	330 H	12	47.97	49.61	26.93
YML116W	331 A	1	52.34	52.14	44.30
YML117W	331 A	2	70.14	59.35	33.34
YML117W-A	331 A	3	45.71	45.89	44.30
YML118W	331 A	4	52.14	52.31	47.05
YML119W	331 A	5	50.83	50.87	41.54
YML120C	331 A	6	55.76	56.47	46.11
YML121W	331 A	7	47.90	49.52	41.54
YML122C	331 A	8	51.26	48.67	38.82
YML123C	331 A	9	75.20	63.33	24.20
YML124C	331 A	10	57.54	57.83	52.51

YML128C	331 A	11	49.32	51.00	47.05
YML131W	331 A	12	46.39	47.14	29.67
YMR004W	331 B	1	55.20	54.88	50.70
YMR095C	331 B	2	46.02	49.68	50.70
YMR096W	331 B	3	59.93	51.86	52.51
YMR099C	331 B	4	50.60	54.60	53.43
YMR100W	331 B	5	48.93	53.09	48.87
YMR101C	331 B	6	49.84	52.31	51.60
YMR102C	331 B	7	45.74	48.96	48.87
YMR103C	331 B	8	43.88	47.27	53.43
YMR105C	331 B	9	51.43	53.50	52.51
YMR106C	331 B	10	51.53	54.50	54.36
YMR107W	331 B	11	50.50	52.92	54.36
YMR109W	331 B	12	46.42	47.84	42.48
YMR110C	331 C	1	62.08	52.33	50.69
YMR111C	331 C	2	42.68	45.49	45.21
YMR114C	331 C	3	51.00	53.74	48.87
YMR115W	331 C	4	48.29	50.97	54.36
YMR116C	331 C	5	61.68	67.55	39.71
YMR119W-A	331 C	6	51.53	54.02	53.43
YMR120C	331 C	8	49.55	52.34	53.43
YMR121C	331 C	9	54.57	56.33	44.30
YMR122C	331 C	10	46.23	49.55	50.70
YMR123W	331 C	11	53.33	56.12	50.70
YMR124W	331 C	12	45.03	46.33	41.54
YMR125W	331 D	1	58.23	59.07	45.21
YMR126C	331 D	2	48.51	51.13	47.94
YMR127C	331 D	3	57.92	51.82	48.87
YMR129W	331 D	4	50.37	52.85	50.70
YMR130W	331 D	5	51.13	54.22	50.70
YMR132C	331 D	6	50.93	52.99	52.51
YMR133W	331 D	7	51.94	53.57	49.78
YMR135C	331 D	8	51.26	53.46	48.87
YPR006C	331 D	9	51.73	54.40	48.87
YPR009W	331 D	10	52.24	54.78	51.60
YPR012W	331 D	11	49.16	52.17	52.51
YPR014C	331 D	12	45.40	48.00	46.11
YPR015C	331 E	1	57.14	48.27	44.30
YPR017C	331 E	2	48.05	49.86	26.03
YPR018W	331 E	3	56.68	58.71	59.81
YPR020W	331 E	4	50.77	53.50	47.94
YPR027C	331 E	5	48.42	51.47	54.36
YPR028W	331 E	6	56.22	58.30	55.27
YPR029C	331 E	7	50.44	53.26	55.27
YPR030W	331 E	8	50.27	52.17	53.43
YPR032W	331 E	9	51.16	53.60	48.87
YPR036W	331 E	10	53.77	56.97	57.98
YPR038W	331 E	11	49.91	52.37	47.94
YPR039W	331 E	12	51.30	53.05	51.60
YPR040W	331 F	1	54.85	55.83	56.19
YPR042C	331 F	2	51.33	53.77	50.70
YPR044C	331 F	3	53.16	56.47	41.54

YPR045C	331 F	4	50.77	52.99	52.51
YPR046W	331 F	5	50.73	52.99	57.08
YPR049C	331 F	6	53.57	54.71	47.94
YPR051W	331 F	7	53.46	55.02	49.78
YPR052C	331 F	8	60.42	52.78	51.61
YPR053C	331 F	9	51.87	53.36	45.21
YPR054W	331 F	10	57.94	61.26	53.43
YPR057W	331 F	11	50.40	51.97	47.94
YPR058W	331 F	12	52.24	54.47	52.51
YPR059C	331 G	1	49.75	51.33	48.87
YPR061C	331 G	2	67.08	56.16	51.61
YPR062W	331 G	3	52.00	53.64	52.51
YPR063C	331 G	4	61.38	61.87	54.36
YPR065W	331 G	5	55.8	57.95	59.82
YPR066W	331 G	6	55.27	54.74	51.60
YPR068C	331 G	7	57.22	57.73	54.36
YPR069C	331 G	8	57.51	58.96	53.43
YPR070W	331 G	9	60.22	62.62	57.98
YPR071W	331 G	10	55.37	57.29	50.70
YPR073C	331 G	11	54.71	55.97	53.43
YPR074C	331 G	12	59.26	59.15	52.51
YPR075C	331 H	2	51.94	52.31	47.94
YPR076W	331 H	3	65.45	65.06	52.51
YPR077C	331 H	4	51.97	53.88	55.27
YPR079W	331 H	5	58.31	49.53	42.47
YPR084W	331 H	6	63.66	62.66	52.51
YPR087W	331 H	7	66.69	57.47	56.17
YPR089W	331 H	8	59.33	59.22	55.27
YPR090W	331 H	9	59.86	52.63	48.87
YPR092W	331 H	10	42.14	45.25	47.95
YPR093C	331 H	11	57.33	58.41	51.60
YPR095C	331 H	12	62.32	62.97	47.94
YPR096C	332 A	1	50.53	51.90	47.94
YPR097W	332 A	2	49.75	50.63	52.51
YPR098C	332 A	3	56.65	56.58	51.60
YPR101W	332 A	4	71.02	61.37	51.61
YJL127C	332 A	5	113.80	108.20	73.53
YJL126W	332 A	6	56.51	56.43	47.94
YJL124C	332 A	7	56.15	56.43	53.43
YJL123C	332 A	8	54.78	55.51	50.70
YJL122W	332 A	9	57.08	55.83	47.94
YJL120W	332 A	10	57.80	58.56	51.60
YJL121C	332 A	11	64.05	67.35	64.40
YJL118W	332 A	12	46.80	49.32	52.51
YJL119C	332 B	1	47.05	48.54	42.48
YJL117W	332 B	2	49.00	51.23	55.27
YJL116C	332 B	3	52.41	54.78	44.30
YJL115W	332 B	4	68.72	74.69	67.11
YJL112W	332 B	5	57.36	58.05	50.70
YJL110C	332 B	6	55.02	56.83	47.94
YJL108C	332 B	7	49.78	52.27	48.87
YJL107C	332 B	8	46.99	49.88	50.70

YJL106W	332 B	9	46.73	50.01	54.36
YJL100W	332 B	11	53.02	54.05	56.19
YJL099W	332 B	12	56.47	55.73	47.05
YJL098W	332 C	1	60.34	51.47	52.51
YJL095W	332 C	2	34.71	35.39	10.50
YJL093C	332 C	3	57.44	58.71	49.78
YJL092W	332 C	4	56.93	58.05	50.70
YJL089W	332 C	5	56.33	57.83	54.36
YJL084C	332 C	6	51.06	53.60	49.78
YJL083W	332 C	7	52.65	55.30	59.81
YJL082W	332 C	9	50.77	52.68	51.60
YJL080C	332 C	10	73.66	79.64	85.41
YJL079C	332 C	11	56.90	58.09	50.70
YJL077C	332 C	12	52.51	53.19	49.78
YJL073W	332 D	1	60.22	64.71	67.11
YJL071W	332 D	2	54.15	55.55	52.51
YJL068C	332 D	3	53.33	54.99	48.87
YJL067W	332 D	4	55.94	56.72	51.60
YJL066C	332 D	5	54.88	56.12	53.43
YJL064W	332 D	6	50.27	53.36	51.60
YJL065C	332 D	7	52.75	54.05	54.36
YJL062W	332 D	8	60.89	65.18	58.93
YJL060W	332 D	9	50.93	53.64	51.60
YJL059W	332 D	10	55.73	56.68	51.60
YJL058C	332 D	11	54.02	55.44	50.70
YJL057C	332 D	12	49.55	50.77	48.87
YJL056C	332 E	1	63.59	53.48	36.99
YJL055W	332 E	2	60.82	53.68	59.82
YJL053W	332 E	3	52.27	55.73	55.27
YJL052W	332 E	4	45.64	48.77	49.78
YJL051W	332 E	5	53.74	54.05	32.42
YJL049W	332 E	6	49.81	52.31	47.94
YJL048C	332 E	7	47.36	50.63	48.87
YJL047C	332 E	8	58.89	62.97	30.58
YJL045W	332 E	9	54.22	57.01	51.60
YJL044C	332 E	10	49.22	52.58	49.78
YJL043W	332 E	11	55.94	58.38	53.43
YJL038C	332 E	12	49.65	51.33	48.87
YJL037W	332 F	1	49.78	50.57	47.05
YJL036W	332 F	2	51.53	54.99	54.36
YJL030W	332 F	3	57.01	59.88	51.60
YEL012W	332 F	4	68.07	60.04	59.82
YER031C	332 F	5	52.82	56.43	52.51
YER046W	332 F	6	46.77	50.44	50.70
YER063W	332 F	7	52.51	54.88	49.78
YER066W	332 F	8	52.34	54.05	50.70
YGR188C	332 F	9	49.09	50.83	40.65
YGR201C	332 F	10	55.69	57.62	54.36
YHL002W	332 F	11	53.53	57.94	54.36
YHL011C	332 F	12	44.54	42.89	34.24
YHL039W	332 G	1	47.71	49.61	45.21
YHR003C	332 G	2	56.51	59.59	56.19

YHR004C	332 G	3	51.73	55.51	47.94
YHR006W	332 G	4	53.88	55.48	53.43
YHR009C	332 G	6	57.16	49.04	44.30
YHR026W	332 G	7	52.31	54.95	47.94
YHR041C	332 G	8	54.19	54.57	47.05
YHR059W	332 G	9	63.89	53.47	36.99
YHR067W	332 G	10	42.89	43.34	32.42
YHR127W	332 G	11	50.27	51.97	46.11
YHR131C	332 G	12	52.71	52.88	52.51
YHR180W	332 H	2	53.91	52.68	47.05
YHR185C	332 H	3	50.14	51.43	56.19
YHR194W	332 H	4	41.17	41.57	25.11
YLL007C	332 H	5	41.54	42.63	33.33
YMR154C	332 H	6	50.37	50.27	37.91
YNL274C	332 H	7	50.37	52.75	56.19
YOL141W	332 H	8	47.49	50.30	46.11
YGR100W	332 H	9	55.34	55.55	53.43
YOL150C	332 H	10	55.55	56.08	54.36
YOL158C	332 H	11	52.58	53.98	47.05
YOL159C	332 H	12	46.48	48.32	45.21
YOL160W	333 A	1	45.98	48.19	53.43
YOL162W	333 A	2	47.46	49.03	47.05
YOL163W	333 A	3	69.23	58.24	49.78
YOR008C-A	333 A	4	52.82	53.60	44.30
YJR073C	333 A	5	62.62	54.43	53.43
YJR075W	333 A	6	68.14	55.10	21.46
YJR078W	333 A	7	54.54	54.64	47.94
YJR079W	333 A	8	69.75	58.79	46.12
YJR082C	333 A	9	57.15	58.30	45.21
YJR083C	333 A	10	55.16	57.22	57.98
YJR088C	333 A	11	44.48	46.11	45.21
YJR092W	333 A	12	50.83	51.37	48.87
YJR102C	333 B	1	45.86	47.71	47.94
YJR103W	333 B	2	50.01	52.00	39.71
YJR105W	333 B	3	51.60	52.88	47.94
YJR108W	333 B	4	50.27	51.87	38.82
YJR110W	333 B	5	57.26	59.88	50.70
YJR111C	333 B	6	72.42	64.12	64.39
YJR115W	333 B	7	45.06	48.29	23.29
YJR127C	333 B	8	57.62	58.63	48.87
YJR128W	333 B	9	54.95	57.65	54.36
YJR129C	333 B	10	52.71	55.55	25.11
YJR130C	333 B	11	50.24	53.12	43.40
YJR135C	333 B	12	53.50	55.80	50.70
YJR137C	333 C	1	45.34	46.95	47.05
YJR146W	333 C	2	52.10	55.02	52.51
YJR147W	333 C	3	50.70	53.12	47.94
YJR149W	333 C	4	45.83	48.51	45.21
YJR152W	333 C	5	53.26	55.16	52.51
YJR154W	333 C	6	49.71	52.88	53.43
YKR087C	333 C	7	51.37	54.47	53.43
YKR088C	333 C	8	49.61	52.44	46.11

YKR089C	333 C	10	49.97	53.05	53.43
YKR090W	333 C	11	48.71	50.87	54.36
YKR091W	333 C	12	49.42	50.77	46.11
YKR092C	333 D	1	50.04	50.53	45.21
YKR093W	333 D	2	50.93	53.33	52.51
YKR097W	333 D	3	44.94	47.94	49.78
YKR098C	333 D	4	49.32	52.14	51.60
YKR099W	333 D	5	56.47	58.05	46.11
YKR100C	333 D	6	51.43	53.57	48.87
YKR101W	333 D	7	44.45	47.40	50.70
YKR103W	333 D	8	52.78	54.74	53.43
YKR104W	333 D	9	48.61	50.93	45.21
YKR105C	333 D	10	48.77	51.20	53.43
YLR262C-A	333 D	11	48.71	52.04	52.51
YLR422W	333 D	12	47.87	50.37	55.27
YLR423C	333 E	1	55.97	58.71	46.11
YLR425W	333 E	2	51.23	40.58	12.33
YLR426W	333 E	3	48.00	50.44	43.40
YLR427W	333 E	4	48.51	51.47	51.60
YLR428C	333 E	5	49.91	53.40	52.51
YLR429W	333 E	6	48.51	52.20	52.51
YLR431C	333 E	7	50.37	53.12	49.78
YLR432W	333 E	8	47.65	51.30	52.51
YLR433C	333 E	9	46.11	49.71	49.78
YLR434C	333 E	10	49.16	51.60	47.05
YLR436C	333 E	12	45.34	46.36	42.48
YLR437C	333 F	1	46.92	48.35	46.11
YLR438W	333 F	2	49.75	52.27	50.70
YLR441C	333 F	3	48.90	51.53	36.06
YLR443W	333 F	4	51.00	53.67	48.87
YLR444C	333 F	5	47.40	49.68	51.60
YLR445W	333 F	6	55.44	57.73	52.51
YLR446W	333 F	7	51.87	54.26	50.70
YLR447C	333 F	8	57.22	58.96	58.93
YLR448W	333 F	9	46.99	49.39	51.60
YLR449W	333 F	10	47.71	51.63	21.46
YLR450W	333 F	11	51.03	52.75	47.05
YLR452C	333 F	12	49.94	51.73	53.43
YLR453C	333 G	1	56.86	55.94	47.05
YLR454W	333 G	2	54.99	57.11	47.05
YLR456W	333 G	3	59.18	60.48	52.51
YLR460C	333 G	4	53.40	56.47	62.55
YLR461W	333 G	5	55.94	57.33	46.11
YML009C	333 G	6	64.12	64.98	54.36
YML010C-B	333 G	7	53.29	53.36	50.70
YML021C	333 G	8	58.30	61.60	60.74
YML081C-A	333 G	9	57.08	57.22	50.70
YMR060C	333 G	10	57.04	58.52	57.98
YMR158C-B	333 G	11	60.03	59.29	50.70
YMR169C	333 G	12	53.71	54.54	47.05
YMR174C	333 H	2	60.85	59.44	47.05
YMR175W	333 H	3	52.24	52.92	47.05

YMR194C-A	333 H	4	58.56	58.30	47.05
YMR326C	333 H	5	53.64	55.27	57.08
YNR032C-A	333 H	6	52.37	53.84	47.05
YNR051C	333 H	7	58.63	58.78	53.43
YNR056C	333 H	8	51.83	54.08	49.78
YNR057C	333 H	9	54.43	55.13	51.60
YNR058W	333 H	10	57.76	58.74	50.70
YNR059W	333 H	11	49.52	51.63	53.43
YNR060W	333 H	12	51.43	53.46	48.87
YNR061C	334 A	1	51.63	52.58	51.60
YNR062C	334 A	2	49.94	51.73	50.70
YNR063W	334 A	3	51.16	51.77	43.40
YNR064C	334 A	4	50.57	52.31	47.94
YNR065C	334 A	5	51.80	52.65	48.87
YNR066C	334 A	6	55.13	57.15	55.27
YNR067C	334 A	7	51.13	52.14	47.94
YAL016W	334 A	8	64.50	45.57	9.59
YAL054C	334 A	10	52.04	52.27	48.87
YAL058C-A	334 A	11	51.20	52.24	49.78
YAR050W	334 A	12	49.84	51.53	51.60
YCL006C	334 B	1	48.77	50.93	50.70
YCL022C	334 B	2	52.85	54.99	51.60
YCL023C	334 B	3	51.80	54.36	52.51
YCL038C	334 B	4	50.27	53.33	52.51
YCL058C	334 B	5	52.58	55.37	51.60
YCL074W	334 B	6	54.60	56.72	51.60
YCL075W	334 B	7	52.44	55.55	46.11
YCL076W	334 B	8	50.57	52.65	50.70
YGL199C	334 B	9	50.70	52.27	53.43
YGL214W	334 B	10	50.14	52.82	52.51
YGL217C	334 B	11	49.32	52.37	47.05
YGL235W	334 B	12	50.11	52.20	51.60
YGR011W	334 C	1	50.93	51.94	48.87
YGR018C	334 C	2	53.05	55.69	56.19
YGR022C	334 C	3	53.71	57.08	47.94
YGR025W	334 C	4	51.83	54.78	51.60
YJR069C	334 C	5	56.36	61.56	62.55
YJR070C	334 C	6	53.12	56.72	58.93
YJR074W	334 C	7	58.71	62.59	57.08
YJR080C	334 C	8	61.39	52.27	53.43
YJR084W	334 C	9	49.97	52.44	47.94
YJR087W	334 C	11	51.37	53.71	53.43
YJR090C	334 C	12	51.03	50.47	43.40
YJR091C	334 D	1	49.94	50.70	48.87
YJR094C	334 D	2	53.67	56.93	51.60
YJR094W-A	334 D	3	49.75	51.97	50.70
YJR095W	334 D	4	50.63	52.37	46.11
YJR096W	334 D	5	57.65	60.40	56.19
YJR097W	334 D	6	49.81	52.65	57.08
YJR098C	334 D	7	50.93	54.54	51.60
YJR099W	334 D	8	50.40	53.74	46.11
YJR100C	334 D	9	50.14	53.64	52.51

YJR106W	334 D	10	51.26	53.95	52.51
YJR107W	334 D	11	50.47	53.19	52.51
YJR109C	334 D	12	50.24	52.07	48.87
YJR116W	334 E	1	48.42	51.10	57.08
YJR117W	334 E	2	52.99	55.06	52.51
YJR118C	334 E	3	49.61	51.73	34.24
YJR119C	334 E	4	52.20	56.47	55.27
YJR124C	334 E	5	51.87	55.16	53.43
YJR125C	334 E	6	68.76	60.76	58.91
YJR126C	334 E	7	49.84	53.05	50.70
YJR131W	334 E	8	51.20	54.40	50.70
YJR133W	334 E	9	52.48	55.66	52.51
YJR134C	334 E	10	55.97	59.26	54.36
YJR140C	334 E	11	52.24	55.97	61.64
YJR142W	334 E	12	74.39	66.15	56.17
YJR144W	334 F	1	32.61	35.38	40.65
YJR145C	334 F	2	53.88	56.36	50.70
YJR148W	334 F	3	50.20	53.26	48.87
YJR150C	334 F	4	49.52	52.92	53.43
YJR153W	334 F	5	51.63	54.60	53.43
YKL005C	334 F	6	52.04	55.41	55.27
YKL030W	334 F	7	51.77	55.23	48.87
YLR146C	334 F	8	62.34	55.52	48.87
YLR286C	334 F	9	49.52	52.82	53.43
YLR343W	334 F	10	51.97	55.34	54.36
YML067C	334 F	11	49.81	52.92	54.36
YML068W	334 F	12	50.24	51.43	46.11
YML072C	334 G	1	53.91	53.95	51.60
YMR136W	334 G	2	59.84	51.53	53.43
YMR172W	334 G	3	54.40	56.72	54.36
YOR300W	334 G	4	54.74	56.12	54.36
YOR309C	334 G	5	52.54	54.64	51.60
YDL191W	334 G	6	46.56	47.38	34.25
YDL192W	334 G	7	51.94	54.60	53.43
YDL197C	334 G	8	53.57	55.09	49.78
YDL199C	334 G	9	50.04	53.26	57.08
YDL200C	334 G	10	54.54	56.65	47.94
YDL201W	334 G	11	56.68	58.09	52.51
YDL203C	334 G	12	51.10	52.95	51.60
YDL204W	334 H	2	57.26	57.19	43.40
YDL206W	334 H	3	61.68	64.09	55.27
YDL210W	334 H	4	54.71	55.23	51.60
YDL211C	334 H	5	60.63	59.44	53.43
YDL213C	334 H	6	60.59	64.51	56.19
YDL214C	334 H	7	53.09	54.33	47.05
YDL215C	334 H	8	54.85	55.44	54.36
YDL216C	334 H	9	54.85	55.62	55.27
YDL218W	334 H	10	57.62	58.63	53.43
YDL219W	334 H	11	53.05	54.99	48.87
YDL222C	334 H	12	52.99	54.67	48.87
YDL223C	335 A	1	48.77	50.77	49.78
YDL224C	335 A	2	54.02	52.99	49.78

YDL225W	335 A	3	53.27	44.48	30.59
YDL226C	335 A	4	39.24	42.36	43.40
YDL227C	335 A	5	53.43	52.00	45.21
YDL229W	335 A	6	56.36	56.26	52.51
YDL230W	335 A	7	47.87	49.00	48.87
YDL231C	335 A	8	55.30	55.73	45.21
YDL232W	335 A	9	49.78	50.04	50.70
YDL233W	335 A	10	44.94	47.33	49.78
YDL234C	335 A	11	57.26	57.98	47.05
YDL236W	335 A	12	55.44	56.08	55.27
YDL237W	335 B	1	50.04	51.23	48.87
YDL238C	335 B	2	53.36	55.59	55.27
YDL239C	335 B	3	50.90	53.02	48.87
YDL240W	335 B	4	50.67	52.78	48.87
YDL241W	335 B	5	56.33	57.54	51.60
YDL242W	335 B	6	46.08	49.71	57.98
YDL243C	335 B	7	52.54	55.06	39.71
YDR001C	335 B	8	48.93	51.20	53.43
YDR003W	335 B	9	46.80	49.48	24.21
YDR004W	335 B	10	61.98	63.93	57.08
YDR005C	335 B	11	58.60	61.87	56.19
YDR006C	335 B	12	57.54	63.08	32.42
YDR008C	335 C	1	45.77	48.71	26.93
YDR009W	335 C	2	52.51	54.99	53.43
YDR010C	335 C	3	54.26	56.22	53.43
YDR011W	335 C	4	52.82	55.09	55.27
YDR014W	335 C	5	70.36	60.63	42.47
YDR015C	335 C	6	59.44	59.70	55.27
YDR017C	335 C	7	67.82	55.42	27.86
YDR018C	335 C	8	49.88	52.31	47.05
YDR019C	335 C	9	53.57	55.59	55.27
YDR020C	335 C	10	50.01	50.77	47.05
YDR022C	335 C	12	57.80	57.62	52.51
YDR024W	335 D	1	48.26	49.94	53.43
YDR025W	335 D	2	48.48	50.87	48.87
YDR026C	335 D	3	50.97	52.75	50.69
YDR027C	335 D	4	66.52	70.19	56.19
YDR028C	335 D	5	47.46	48.22	40.65
YDR029W	335 D	6	47.94	50.53	23.29
YDR030C	335 D	7	55.83	57.73	48.87
YDR031W	335 D	8	47.40	52.10	50.70
YDR032C	335 D	9	56.22	57.11	51.60
YDR033W	335 D	10	55.51	57.19	56.19
YDR034C	335 D	11	47.84	50.67	50.70
YDR035W	335 D	12	49.32	51.33	50.70
YDR036C	335 E	1	50.14	50.77	47.94
YDR042C	335 E	2	45.46	49.16	47.94
YDR043C	335 E	3	54.81	58.16	35.17
YDR046C	335 E	4	45.34	48.58	52.51
YAL064C-A	335 E	5	51.94	54.57	48.87
YBL091C-A	335 E	6	48.19	50.87	48.87
YBR269C	335 E	7	61.65	63.06	60.73

YBR271W	335 E	8	53.74	55.94	53.43
YBR273C	335 E	9	49.94	52.31	49.78
YBR274W	335 E	10	50.63	53.05	52.51
YBR277C	335 E	11	60.29	64.43	35.17
YBR278W	335 E	12	62.81	62.37	45.21
YBR279W	335 F	1	73.93	79.52	76.12
YBR281C	335 F	2	63.39	65.25	69.87
YBR283C	335 F	3	72.39	60.48	60.73
YBR284W	335 F	4	55.44	59.29	57.98
YBR285W	335 F	5	57.03	59.07	36.07
YBR286W	335 F	6	53.43	57.19	65.29
YBR290W	335 F	7	57.04	59.70	30.58
YBR291C	335 F	8	58.41	60.18	53.43
YBR292C	335 F	9	68.21	58.64	54.35
YBR293W	335 F	10	51.67	53.43	49.78
YBR295W	335 F	11	57.91	60.18	51.60
YBR296C	335 F	12	57.73	58.82	49.78
YBR297W	335 G	1	70.84	57.57	29.68
YBR298C	335 G	2	65.73	69.95	57.08
YBR300C	335 G	3	67.14	58.66	65.31
YCL001W-A	335 G	4	62.02	67.47	68.97
YCR020W-B	335 G	5	70.87	77.09	74.44
YCR024C-A	335 G	6	72.57	60.81	47.95
YCR025C	335 G	7	53.64	56.61	60.74
YCR026C	335 G	8	58.78	61.75	60.74
YCR027C	335 G	9	59.96	60.89	56.19
YCR028C	335 G	10	56.61	59.66	59.81
YCR031C	335 G	11	48.84	51.13	24.21
YCR034W	335 G	12	50.37	50.77	34.24
YCR036W	335 H	2	58.12	61.53	50.70
YCR037C	335 H	3	49.84	52.54	56.19
YCR043C	335 H	4	53.05	54.40	52.51
YCR049C	335 H	5	59.15	61.22	60.74
YCR050C	335 H	6	60.66	64.78	31.52
YCR051W	335 H	7	52.10	53.09	48.87
YCR059C	335 H	8	53.46	56.93	58.93
YCR061W	335 H	9	55.20	58.41	28.78
YCR063W	335 H	10	54.36	57.94	50.70
YCR065W	335 H	11	65.69	70.94	59.81
YCR066W	335 H	12	55.27	57.04	51.60
YCR068W	336 A	1	55.03	56.49	36.99
YCR071C	336 A	2	49.84	49.52	45.21
YCR073W-A	336 A	3	56.22	55.06	52.51
YCR076C	336 A	4	58.52	57.65	50.70
YCR077C	336 A	5	73.28	77.51	64.40
YCR079W	336 A	6	58.23	59.88	48.87
YCR081W	336 A	7	91.89	81.62	67.13
YCR082W	336 A	8	55.27	55.23	49.78
YCR085W	336 A	9	57.83	58.89	54.36
YCR086W	336 A	10	60.68	62.51	52.51
YCR087C-A	336 A	11	64.40	65.80	57.98
YCR087W	336 A	12	57.93	63.35	40.64

YJL004C	336 B	1	53.98	53.50	44.30
YJL006C	336 B	2	58.12	56.33	50.70
YJL012C	336 B	3	57.29	57.76	52.51
YJL013C	336 B	4	52.14	54.05	56.19
YJL016W	336 B	5	53.95	55.59	51.60
YJL017W	336 B	6	57.79	58.41	51.61
YJL020C	336 B	7	62.66	62.55	52.51
YJL021C	336 B	8	53.77	54.95	54.36
YJL024C	336 B	9	50.83	52.14	53.43
YJL027C	336 B	10	50.97	51.13	47.94
YJL028W	336 B	11	55.09	54.43	47.05
YJL029C	336 B	12	59.37	61.71	65.29
YJR001W	336 C	1	58.74	57.98	52.51
YJR004C	336 C	2	52.27	54.81	53.43
YJR005W	336 C	3	51.57	54.50	29.67
YJR008W	336 C	4	52.58	56.08	53.43
YJR009C	336 C	5	53.22	55.55	53.43
YJR010C-A	336 C	6	55.13	57.73	47.05
YJR010W	336 C	7	52.24	54.71	47.05
YJR011C	336 C	8	50.73	53.12	48.87
YJR014W	336 C	9	50.93	52.58	23.29
YJR015W	336 C	10	50.04	52.27	51.60
YJR018W	336 C	11	52.51	54.05	51.60
YJR019C	336 D	1	49.32	50.50	47.94
YJR020W	336 D	2	50.60	54.05	51.60
YJR021C	336 D	3	53.84	57.15	55.27
YJR024C	336 D	4	51.94	55.62	51.60
YJR025C	336 D	5	66.99	58.19	15.99
YJR026W	336 D	6	50.90	53.84	48.87
YJR031C	336 D	7	50.11	52.78	50.70
YJR032W	336 D	8	61.22	65.92	39.71
YJR033C	336 D	9	49.71	53.09	57.08
YJR035W	336 D	10	51.70	54.43	47.05
YJR036C	336 D	11	50.87	53.16	51.60
YJR037W	336 D	12	52.65	53.02	49.78
YJR038C	336 E	1	54.12	54.33	51.60
YJR040W	336 E	2	54.88	58.38	57.98
YJR043C	336 E	3	62.62	66.87	63.47
YJR047C	336 E	4	53.89	57.15	58.91
YJR048W	336 E	5	64.90	67.83	44.30
YJR049C	336 E	6	51.60	53.43	35.16
YJR050W	336 E	7	82.34	74.82	62.56
YJR051W	336 E	8	52.13	52.85	49.78
YJR052W	336 E	9	46.66	48.06	41.56
YJR053W	336 E	10	61.01	60.83	52.51
YJR054W	336 E	11	95.38	88.90	89.05
YJR055W	336 E	12	76.08	69.09	56.17
YJR056C	336 F	1	51.58	52.4	30.59
YJR058C	336 F	2	65.05	56.32	54.35
YJR059W	336 F	3	51.43	53.29	47.05
YJR060W	336 F	4	52.37	56.72	50.70
YJR061W	336 F	5	54.08	56.47	45.21

YJR062C	336 F	6	50.73	52.68	50.70
YJR063W	336 F	7	51.40	54.88	42.48
YDL096C	336 F	8	49.42	52.37	51.60
YDL099W	336 F	9	51.57	54.54	51.60
YDL100C	336 F	10	50.80	55.23	54.36
YDL101C	336 F	11	59.48	60.74	60.74
YDL104C	336 F	12	49.55	49.35	47.94
YDL106C	336 G	1	68.93	74.30	72.61
YDL109C	336 G	2	51.47	52.65	43.40
YDL110C	336 G	3	52.65	55.44	50.70
YDL112W	336 G	4	53.88	56.36	53.43
YDL113C	336 G	5	50.47	53.05	47.05
YDL114W	336 G	6	52.58	55.55	55.27
YDL115C	336 G	7	80.74	70.08	15.99
YDL116W	336 G	8	68.76	74.18	57.98
YDL117W	336 G	9	78.57	68.55	15.99
YDL118W	336 G	10	43.46	44.69	40.65
YDL122W	336 G	11	52.17	55.27	41.54
YDL123W	336 G	12	50.40	50.57	49.78
YDL124W	336 H	2	51.13	51.94	49.78
YDL125C	336 H	3	55.94	58.45	54.36
YDL127W	336 H	4	49.52	51.50	45.21
YDL128W	336 H	5	50.93	52.04	46.11
YDL129W	336 H	6	49.09	49.94	49.78
YDL130W	336 H	7	51.06	51.40	41.54
YDL131W	336 H	8	51.60	52.95	46.11
YDL133W	336 H	9	60.18	64.28	71.69
YDL134C	336 H	10	58.93	61.75	66.20
YDL134C-A	336 H	11	49.26	51.23	50.70
YDL135C	336 H	12	52.78	54.15	52.51
YDL136W	337 A	1	58.88	61.08	59.82
YDL137W	337 A	2	67.81	55.08	26.94
YDL138W	337 A	3	57.15	55.62	52.51
YDL142C	337 A	4	79.81	66.76	47.04
YDL144C	337 A	5	58.09	56.04	47.94
YDL146W	337 A	6	64.09	65.61	50.70
YDL149W	337 A	7	65.69	68.15	58.91
YDL151C	337 A	8	46.42	47.62	22.37
YDL154W	337 A	9	56.08	56.76	51.60
YDL155W	337 A	10	74.42	59.10	51.61
YDL156W	337 A	11	51.73	51.47	47.94
YDL157C	337 A	12	80.67	65.49	45.21
YDL160C	337 B	1	59.76	53.87	44.30
YDL161W	337 B	2	69.52	55.76	53.43
YDL162C	337 B	3	62.13	62.78	58.93
YDL167C	337 B	4	54.29	55.76	52.51
YDL168W	337 B	5	51.70	53.29	47.05
YDL169C	337 B	6	49.45	51.03	48.87
YDL170W	337 B	7	48.74	50.04	43.40
YDL171C	337 B	8	55.13	55.44	51.60
YDL172C	337 B	9	51.77	53.05	50.70
YDL173W	337 B	10	54.33	55.37	52.51

YDL174C	337 B	11	50.30	52.14	46.11
YDL175C	337 B	12	53.16	54.36	54.36
YDL177C	337 C	2	76.80	62.20	44.30
YDL178W	337 C	3	52.37	52.61	48.87
YDL179W	337 C	4	50.44	52.31	48.87
YDL180W	337 C	5	47.62	49.48	49.78
YDL182W	337 C	6	48.87	49.81	47.94
YDL183C	337 C	7	50.01	51.47	49.78
YDL184C	337 C	8	49.26	50.80	49.78
YDL185W	337 C	9	59.77	63.05	48.87
YDL186W	337 C	10	51.03	53.36	46.11
YDL187C	337 C	11	62.59	62.47	52.51
YDL188C	337 C	12	58.71	57.80	48.87
YDL189W	337 D	2	61.64	62.47	44.30
YDL190C	337 D	3	49.22	49.61	42.48
YGR027C	337 D	4	78.62	68.98	60.73
YGR031W	337 D	5	55.48	56.79	49.78
YGR033C	337 D	6	59.77	60.10	51.60
YGR034W	337 D	7	46.48	48.84	47.94
YGR035C	337 D	8	59.11	60.66	53.43
YGR036C	337 D	9	65.49	70.52	22.37
YGR037C	337 D	10	51.43	53.40	53.43
YGR039W	337 D	11	50.60	51.03	49.78
YGR041W	337 D	12	59.70	59.00	49.78
YGR042W	337 E	1	54.36	54.50	45.21
YGR043C	337 E	2	63.43	60.51	47.05
YGR044C	337 E	3	56.76	57.62	55.27
YGR045C	337 E	4	55.30	56.40	52.51
YGR049W	337 E	5	56.79	57.51	48.87
YGR051C	337 E	6	55.62	55.87	49.78
YGR052W	337 E	7	53.43	52.20	47.05
YGR054W	337 E	8	56.01	55.44	51.60
YGR055W	337 E	9	53.36	53.22	47.94
YGR056W	337 E	10	88.99	99.76	100
YGR057C	337 E	11	52.14	54.12	55.27
YGR058W	337 E	12	65.52	55.68	55.25
YGR059W	337 F	1	65.88	65.88	52.51
YGR064W	337 F	2	52.75	49.52	40.65
YGR066C	337 F	3	47.46	50.40	54.36
YGR067C	337 F	4	54.19	55.09	52.51
YGR068C	337 F	5	52.20	53.71	51.60
YGR105W	337 F	6	62.66	64.40	58.93
YCR045C	338 A	1	46.92	51.37	59.82
YMR014W	338 A	2	38.49	40.27	29.68
YBR244W	338 A	3	44.7	47.69	51.61
YOR126C	338 A	4	39.94	43	49.78
YOR142W	338 A	5	40.23	43.08	44.3
YOR152C	338 A	6	41.34	43.79	44.3
YOR156C	338 A	7	42.92	45.95	50.69
YOR161C	338 A	8	39.24	42.08	45.21
YOR182C	338 A	9	42.39	45.05	43.38
YOR188W	338 A	10	41.53	44.39	41.56

YLR414C	338 A	11	39.18	41.84	46.12
YDR245W	338 A	12	39.94	43.07	44.3
YPL137C	338 B	1	44.52	47.49	51.61
YNL054W	338 B	2	46.16	48.37	33.34
YNL058C	338 B	3	46.21	49.62	47.04
YOR303W	338 B	4	45.36	49.06	45.21
YGL004C	338 B	5	47.3	50.03	48.87
YGL017W	338 B	6	44.96	48.3	50.69
YGL020C	338 B	7	42.54	46.84	22.38
YGL023C	338 B	8	42.4	44.55	27.86
YGL033W	338 B	9	48.22	50.95	41.56
YGL035C	338 B	10	48.01	51.62	53.43
YGL036W	338 B	11	47.55	51.87	55.25
YGL037C	338 B	12	42.87	47.14	50.69
YGL042C	338 C	1	40.32	41.96	40.64
YGL049C	338 C	2	46.6	49.9	48.87
YGL051W	338 C	3	46.93	50.39	52.51
YGL057C	338 C	4	47.4	50.41	40.64
YGL063W	338 C	5	47.57	50.6	49.78
YCL030C	338 C	6	45.47	48.35	53.43
YGL076C	338 C	8	39.2	39.47	26.94
YPL036W	338 C	9	45.42	48.27	45.21
YGL083W	338 C	10	46.44	49.62	51.61
YGL088W	338 C	11	43.03	45.07	41.56
YGL094C	338 C	12	40.18	43.06	46.12
YGR104C	338 D	1	44.98	46.97	35.16
YGL096W	338 D	3	48.94	51.94	50.69
YOR141C	338 D	5	46.94	49.62	50.69
YOR155C	338 D	7	45.29	47.88	50.69
YIL006W	338 D	9	41.44	43.87	48.87
YIL007C	338 D	10	45.87	48.46	44.3
YIL008W	338 D	11	49.46	51.67	39.73
YIL009W	338 D	12	40.62	43.87	48.87
YIL010W	338 E	1	39.65	42.45	45.21
YPL034W	338 E	2	44.76	47.53	44.3
YPL027W	338 E	3	45.82	48.73	54.35
YIL038C	338 E	4	52.48	55.88	66.22
YIL042C	338 E	5	45.03	49.63	48.87
YIL052C	338 E	7	32.77	32.87	28.77
YIL054W	338 E	8	46.57	49.5	50.69
YIL055C	338 E	9	46	49.35	50.69
YIL059C	338 E	10	44.99	47.8	50.69
YIL060W	338 E	11	38.07	40.53	26.03
YIL066C	338 E	12	44.26	47.65	47.95
YIL069C	338 F	2	44.87	47.19	50.69
YIL070C	338 F	3	46.72	49.41	55.25
YIL071C	338 F	4	46.36	49.32	33.34
YIL074C	338 F	5	46.08	48.68	48.87
YIL089W	338 F	6	46.89	49.78	56.17
YIL092W	338 F	7	41.32	43.86	47.04
YCL006C	338 F	8	47.45	50.71	41.56
YCL023C	338 F	9	47	49.14	48.87

YCL038C	338 F	10	47.98	50.76	28.77
YDR269C	338 F	11	43.88	46.66	43.38
YDR271C	338 F	12	41.54	44.6	44.3
YDR290W	338 G	1	48.46	51.21	48.87
YGL199C	338 G	2	46.08	49.28	52.51
YGL214W	338 G	3	52.05	55.51	62.56
YGL217C	338 G	4	50.07	54.36	51.61
YGL235W	338 G	6	49.66	53.62	52.51
YGR011W	338 G	7	50.14	53.64	50.69
YGR018C	338 G	8	49.66	52.96	44.3
YGR022C	338 G	9	53.31	57.46	53.43
YGR025W	338 G	10	48.35	52.84	53.43
YOR300W	338 G	11	47.26	50.66	47.95
YOR306C	338 G	12	41.37	44.34	48.87
YOR309C	338 H	2	45.94	49.26	49.78
YOR325W	338 H	3	47.54	50.69	48.87
YPL017C	338 H	4	47.02	50.38	47.04
YOR333C	338 H	5	48.02	50.97	47.95
YOR345C	338 H	6	48.47	52.16	52.51
YOR366W	338 H	7	49.31	52.87	54.35
YOR379C	338 H	8	45.85	49.55	52.51
YNL001W	338 H	9	39.72	41.93	32.42
YNL004W	338 H	11	43.16	45.82	26.94
YNL009W	339 A	1	41.79	45.36	29.68
YNL010W	339 A	2	48.49	50.61	49.78
YNL012W	339 A	3	46.99	49.01	41.56
YNL013C	339 A	4	37.74	39.12	37.9
YNL016W	339 A	5	56.82	58.84	49.78
YNL020C	339 A	6	41.94	44.74	37.9
YNL022C	339 A	7	51.09	55.57	61.65
YNL023C	339 A	8	39.4	41.43	30.59
YNL024C	339 A	9	58.71	58.28	52.51
YNL025C	339 A	10	51.64	64.17	9.592
YNL027W	339 A	11	51.5	52.06	35.16
YNL031C	339 A	12	45.57	47.61	31.51
YNL032W	339 B	1	47.45	48.54	47.95
YNL034W	339 B	2	54.31	54.91	47.95
YNL035C	339 B	3	49	50.62	48.87
YNL041C	339 B	4	50.91	53.28	57.09
YNL043C	339 B	5	49.1	52.01	48.87
YNL044W	339 B	6	45.2	49.41	22.38
YNL045W	339 B	7	55.85	58.51	58.91
YNL046W	339 B	8	56.16	58.24	36.07
YNL049C	339 B	9	53.7	55.63	51.61
YNR001C	339 B	10	46.97	47.87	30.59
YNR002C	339 B	11	46.44	48.27	36.99
YNR004W	339 B	12	45.49	47.73	36.99
YNR005C	339 C	1	47.15	49.65	45.21
YNR006W	339 C	2	48.18	54.97	58
YNR007C	339 C	3	62.41	69.17	51.61
YNR008W	339 C	4	47.17	50.32	43.38
YNR009W	339 C	5	47.95	50.93	51.61

YNR012W	339 C	6	48.26	51.53	42.47
YNR013C	339 C	7	49.21	51.68	48.87
YNR014W	339 C	8	50.36	54.55	51.61
YNR015W	339 C	9	44.51	47.46	48.87
YNR018W	339 C	10	64.86	71.58	9.592
YNR019W	339 C	11	42.71	45.44	40.64
YNR020C	339 C	12	45.43	46.8	36.99
YNR021W	339 D	1	44.9	47.24	47.95
YNR024W	339 D	2	46.33	47.74	42.47
YNR025C	339 D	4	49.66	51.72	31.51
YNR027W	339 D	5	50.8	53.53	51.61
YNR028W	339 D	6	49.84	52.88	57.09
YNR029C	339 D	7	48.55	52.51	32.42
YNR030W	339 D	8	47.29	49.86	51.61
YNR031C	339 D	9	46.92	49.46	32.42
YNR032W	339 D	10	50.12	53.75	46.12
YNR034W	339 D	11	44.85	47.3	36.07
YNR039C	339 E	2	46.44	50.13	37.9
YNR040W	339 E	3	52.53	62.6	9.592
YNR048W	339 E	7	51.63	53.6	47.95
YNR049C	339 E	8	48.93	52.81	26.94
YBL095W	339 E	9	49.11	53.09	52.51
YBL096C	339 E	10	49.47	54.05	10.5
YBL098W	339 E	11	42.99	47	47.95
YBL101C	339 F	2	44.38	46.92	39.73
YBL102W	339 F	3	44.86	48.55	51.61
YBL104C	339 F	4	39.28	43.9	10.5
YBL106C	339 F	5	44.85	48.53	45.21
YBL107C	339 F	6	42.58	46.31	23.29
YBR001C	339 F	7	48.66	54.59	10.5
YBR005W	339 F	8	43.76	47	33.34
YBR006W	339 F	9	53.12	57.64	36.07
YBR007C	339 F	10	45.25	50.61	10.5
YBR008C	339 F	11	41.37	46.45	9.592
YBR009C	339 F	12	49.12	51.8	41.56
YBR010W	339 G	1	42.03	45.32	49.78
YBR012C	339 G	2	42.98	46.11	51.61
YBR013C	339 G	3	43.2	46.22	39.73
YBR014C	339 G	4	43.98	47.46	53.43
YBR015C	339 G	5	46.28	51.2	47.95
YBR016W	339 G	6	42.71	48.93	9.592
YBR018C	339 G	7	45.67	48.72	33.34
YBR019C	339 G	8	46.17	49.19	49.78
YBR020W	339 G	9	43.42	47.08	53.43
YBR022W	339 G	10	46.64	50.99	11.41
YBR023C	339 G	11	43.91	46.93	35.16
YBR024W	339 G	12	44.16	47.03	47.95
YBR025C	339 H	2	43.69	45.41	29.68
YBR026C	339 H	3	37.78	39.85	28.77
YBR027C	339 H	4	57.02	63.49	64.39
YBR028C	339 H	5	44.13	46.72	38.81
YBR029C	339 H	6	46.45	48.93	40.64

YBR031W	339 H	7	42.9	45.58	45.21
YBR032W	339 H	8	42.71	46.57	9.592
YBR033W	339 H	9	46.06	49.33	44.3
YBR034C	339 H	10	42.21	44.8	45.21
YPL004C	339 H	11	42.21	45.67	9.592
YBR036C	339 H	12	36.31	39.74	42.47
YBR038W	340 A	2	47.30	48.67	50.70
YBR040W	340 A	3	50.96	51.50	49.78
YBR041W	340 A	4	44.09	46.58	45.21
YBR042C	340 A	5	47.59	49.68	40.65
YBR043C	340 A	6	50.14	51.13	45.21
YBR044C	340 A	7	54.92	57.29	62.55
YBR045C	340 A	8	54.95	54.43	46.11
YBR046C	340 A	9	46.33	47.52	47.05
YBR047W	340 A	10	44.03	46.73	49.78
YBR048W	340 A	11	42.13	44.39	47.05
YBR050C	340 A	12	47.81	48.96	45.21
YBR051W	340 B	1	43.70	46.05	47.94
YBR052C	340 B	2	46.48	48.45	43.40
YBR053C	340 B	3	43.76	44.66	32.42
YBR054W	340 B	4	43.88	46.73	45.21
YBR056W	340 B	5	50.63	51.80	46.11
YBR057C	340 B	6	47.78	49.42	49.78
YBR058C	340 B	7	47.43	49.16	47.05
YBR059C	340 B	8	51.53	53.29	47.94
YBR062C	340 B	9	49.39	51.00	51.60
YBR063C	340 B	10	48.29	50.20	55.27
YBR064W	340 B	11	55.51	56.08	51.60
YBR065C	340 B	12	51.50	53.70	52.51
YBR066C	340 C	1	48.77	50.83	39.71
YBR067C	340 C	2	50.24	52.61	52.51
YBR068C	340 C	3	49.06	52.00	48.87
YBR069C	340 C	4	49.68	52.00	48.87
YBR071W	340 C	5	48.00	49.52	45.21
YBR072W	340 C	6	49.19	51.23	49.78
YBR073W	340 C	7	51.67	54.08	50.70
YBR074W	340 C	8	49.88	52.82	48.87
YBR075W	340 C	9	50.44	52.85	45.21
YBR076W	340 C	10	47.52	49.50	34.25
YBR077C	340 C	11	51.73	53.88	47.94
YIL098C	340 C	12	33.1	33.41	18.72
YIL099W	340 D	1	47.65	49.45	41.54
YIL100W	340 D	2	50.53	52.78	50.70
YIL101C	340 D	3	45.06	46.86	41.54
YIL105C	340 D	5	46.89	49.06	44.30
YIL107C	340 D	6	50.30	51.63	47.05
YIL108W	340 D	7	49.26	52.34	49.78
YIL110W	340 D	8	39.74	40.14	37.91
YIL112W	340 D	9	50.60	53.19	51.60
YIL113W	340 D	10	50.24	52.04	47.05
YIL114C	340 D	11	47.59	49.91	40.65
YIL116W	340 D	12	47.49	50.30	48.87

YIL117C	340 E	1	47.94	50.01	50.70
YIL119C	340 E	2	46.02	48.29	46.11
YIL120W	340 E	3	49.65	51.57	51.60
YIL121W	340 E	4	50.63	52.64	49.78
YIL123W	340 E	5	53.98	56.22	54.36
YIL124W	340 E	6	50.63	52.85	49.78
YIL128W	340 E	8	49.52	51.97	45.21
YIL130W	340 E	9	47.36	49.71	49.78
YIL132C	340 E	10	52.27	54.81	47.05
YIL133C	340 E	11	44.33	45.52	41.54
YIL134W	340 E	12	45.64	48.03	48.87
YIL135C	340 F	1	49.26	51.33	48.87
YIL137C	340 F	2	51.00	51.90	46.11
YIL138C	340 F	3	50.53	52.68	45.21
YIL139C	340 F	4	50.01	52.07	47.05
YIL140W	340 F	5	49.68	51.63	47.05
YIL141W	340 F	6	49.48	51.20	49.78
YIL145C	340 F	7	51.50	54.08	49.78
YIL146C	340 F	8	45.52	47.43	47.05
YIL148W	340 F	9	59.44	62.85	60.74
YIL149C	340 F	10	49.16	51.83	51.60
YIL152W	340 F	11	51.06	52.99	47.94
YIL153W	340 F	12	46.05	50.17	22.37
YIL154C	340 G	1	46.99	49.91	51.60
YIL155C	340 G	2	46.86	49.68	48.87
YIL156W	340 G	3	49.94	52.71	52.51
YIL157C	340 G	4	44.30	45.55	26.03
YIL159W	340 G	5	49.19	50.87	43.40
YIL160C	340 G	6	49.32	51.40	45.21
YIL161W	340 G	7	51.00	53.22	48.87
YIL162W	340 G	8	48.90	51.43	55.27
YIL163C	340 G	9	49.09	51.93	54.36
YIL164C	340 G	10	47.94	50.11	45.21
YIL165C	340 G	11	48.61	50.67	48.87
YIL166C	340 G	12	46.48	48.71	44.30
YIL167W	340 H	2	46.36	47.94	46.11
YIL168W	340 H	3	44.18	46.58	45.21
YIL170W	340 H	4	47.33	49.84	42.48
YIL173W	340 H	5	45.21	47.65	50.70
YIR001C	340 H	6	40.74	43.22	46.11
YIR002C	340 H	7	45.77	48.61	51.60
YIR003W	340 H	8	44.42	46.89	49.78
YIR005W	340 H	9	47.33	50.14	50.70
YIR007W	340 H	10	44.18	47.52	50.70
YIR009W	340 H	11	46.95	50.14	47.94
YIR013C	340 H	12	45.49	47.90	50.70
YIR014W	341 A	1	47.17	49.42	46.11
YIR016W	341 A	2	48.80	50.60	41.54
YNL146W	341 A	3	48.61	50.83	55.27
YNL145W	341 A	4	45.95	47.71	47.94
YNL144C	341 A	5	43.88	45.89	48.87
YNL143C	341 A	6	47.94	49.39	51.60

YNL141W	341 A	7	46.73	48.80	48.87
YNL139C	341 A	8	79.37	82.26	66.20
YNL136W	341 A	9	46.76	49.06	47.94
YNL135C	341 A	10	62.28	66.40	68.04
YNL134C	341 A	11	49.13	49.88	49.78
YNL133C	341 A	12	87.64	99.39	46.11
YNL129W	341 B	1	44.18	46.48	44.30
YNL128W	341 B	2	51.87	54.50	52.51
YNL127W	341 B	3	53.22	55.09	42.48
YNL123W	341 B	4	47.17	49.97	55.27
YNL122C	341 B	5	50.96	52.41	47.94
YNL117W	341 B	6	45.27	47.24	50.70
YNL116W	341 B	7	51.97	53.77	51.60
YNL108C	341 B	8	50.77	52.10	46.11
YNL101W	341 B	9	48.22	50.20	49.78
YNL098C	341 B	10	49.32	49.55	40.65
YNL094W	341 B	11	48.77	50.50	47.94
YNL092W	341 B	12	50.53	52.44	47.05
YNL084C	341 C	1	47.11	48.22	48.87
YNL077W	341 C	2	49.91	53.26	51.60
YNL063W	341 C	4	51.13	52.54	45.21
YNL057W	341 C	5	50.96	52.61	47.94
YDL194W	341 C	6	54.78	56.54	55.27
YDR048C	341 C	8	47.14	49.35	47.94
YFR011C	341 C	9	46.86	49.13	47.05
YFR013W	341 C	10	49.09	50.60	49.78
YNL051W	341 C	11	46.86	49.52	48.87
YNL052W	341 C	12	51.73	51.10	32.42
YNL056W	341 D	1	49.06	50.24	46.11
YNL065W	341 D	2	59.96	60.10	50.70
YNL066W	341 D	3	47.52	49.94	52.51
YNL067W	341 D	4	38.88	40.05	27.86
YNL068C	341 D	6	62.82	63.47	57.98
YNL070W	341 D	7	63.31	66.44	53.43
YNL071W	341 D	8	55.76	58.16	48.87
YNL072W	341 D	9	65.06	62.89	51.60
YNL074C	341 D	10	53.29	54.71	54.36
YNL076W	341 D	11	57.69	58.89	51.60
YNL078W	341 D	12	54.71	54.99	49.78
YNL079C	341 E	1	58.89	61.56	39.71
YNL080C	341 E	2	47.71	50.53	47.05
YNL082W	341 E	3	49.71	52.54	47.05
YNL083W	341 E	4	49.81	52.85	50.70
YNL085W	341 E	5	48.06	50.44	36.99
YNL087W	341 E	6	50.01	52.54	47.05
YNL090W	341 E	7	48.13	51.77	52.51
YNL091W	341 E	8	50.90	55.41	57.08
YNL093W	341 E	9	50.77	54.12	57.98
YNL095C	341 E	10	49.48	52.17	50.70
YNL097C	341 E	11	48.19	51.90	55.27
YNL099C	341 E	12	47.84	49.45	43.40
YNL100W	341 F	1	46.39	48.32	45.21

YNL104C	341 F	2	47.46	50.04	47.94
YNL105W	341 F	3	52.92	57.29	53.43
YNL106C	341 F	4	52.64	56.79	57.08
YNL107W	341 F	5	46.26	48.10	44.30
YNL115C	341 F	6	55.27	57.98	48.87
YNL119W	341 F	7	55.80	60.03	38.82
YNL120C	341 F	8	58.23	62.66	35.17
YNL121C	341 F	9	46.99	49.88	42.48
YNL125C	341 F	10	48.83	51.23	54.36
YNL130C	341 F	11	49.97	52.71	51.60
YBR189W	341 F	12	42.68	44.51	29.67
YCR095C	341 G	1	44.33	46.95	39.71
YCR102W-A	341 G	2	46.89	49.94	49.78
YDL133C-A	341 G	3	48.93	51.77	45.21
YDR058C	341 G	4	49.39	52.37	46.11
YDR174W	341 G	5	43.52	45.37	33.33
YDR202C	341 G	6	49.29	51.53	47.05
YDR205W	341 G	7	49.97	53.19	48.87
YDR445C	341 G	8	47.36	49.68	45.21
YDR537C	341 G	9	50.50	53.67	37.91
YFR039C	341 G	10	45.92	48.77	43.40
YGL219C	341 G	11	44.33	47.21	45.21
YGR028W	341 G	12	47.84	50.27	41.54
YGR032W	341 H	2	48.19	50.57	46.11
YGR038W	341 H	3	46.33	48.51	50.70
YGR040W	341 H	4	42.92	45.68	51.60
YGR050C	341 H	5	47.14	49.32	45.21
YGR053C	341 H	6	45.21	47.84	49.78
YGR063C	341 H	7	38.30	37.69	36.99
YGR086C	341 H	8	43.55	46.45	47.05
YGR089W	341 H	9	47.87	50.30	38.82
YGR092W	341 H	10	60.63	65.14	65.29
YGR093W	341 H	11	47.59	50.14	48.87
YGR106C	341 H	12	61.53	68.48	65.29
YGR110W	342 A	1	47.94	50.70	51.60
YGR117C	342 A	2	58.01	57.15	52.51
YGR238C	342 A	3	42.10	44.09	46.11
YGR239C	342 A	4	47.30	48.61	47.05
YGR248W	342 A	5	46.42	48.32	48.87
YGR250C	342 A	6	40.68	43.10	47.05
YJL129C	342 A	7	48.45	50.11	42.48
YJL132W	342 A	8	46.99	48.54	47.94
YJL136C	342 A	9	44.36	46.36	29.67
YJL137C	342 A	10	47.71	49.32	47.94
YJL139C	342 A	11	44.97	46.92	47.94
YJL140W	342 A	12	50.01	50.96	40.65
YJL141C	342 B	1	51.10	52.64	52.51
YJL151C	342 B	2	48.26	50.04	39.71
YJL160C	342 B	3	56.12	56.72	50.70
YJL161W	342 B	4	49.55	51.16	46.11
YJL163C	342 B	5	49.68	51.57	51.60
YJL165C	342 B	6	50.70	51.60	47.94

YJL172W	342 B	7	49.65	51.93	44.30
YJL175W	342 B	8	54.05	55.34	44.30
YJL177W	342 B	9	47.21	48.10	45.21
YJL184W	342 B	10	49.16	52.27	36.99
YJL189W	342 B	11	47.87	48.67	36.06
YJL191W	342 B	12	47.68	49.91	47.05
YJL196C	342 C	1	43.04	46.17	44.30
YJL200C	342 C	2	50.47	52.48	46.11
YJL206C	342 C	3	49.35	51.20	51.60
YJL213W	342 C	4	48.54	50.30	49.78
YKL096W-A	342 C	5	47.81	50.93	49.78
YKL115C	342 C	6	46.92	49.58	48.87
YKL139W	342 C	7	61.41	63.51	46.11
YKL201C	342 C	8	53.19	54.67	50.70
YKL202W	342 C	9	47.24	49.16	40.65
YKL215C	342 C	10	51.33	53.57	48.87
YKL220C	342 C	11	48.61	51.20	36.99
YKR010C	342 C	12	44.88	47.71	47.94
YKR019C	342 D	1	45.31	47.74	48.87
YKR023W	342 D	2	51.53	54.29	49.78
YKR027W	342 D	3	47.90	49.03	50.70
YKR028W	342 D	4	52.85	55.30	48.87
YKR029C	342 D	5	58.16	59.07	49.78
YKR034W	342 D	7	47.94	49.19	45.21
YKR036C	342 D	8	53.67	55.48	54.36
YKR039W	342 D	9	55.37	57.69	56.19
YKR040C	342 D	10	54.05	58.41	57.98
YKR041W	342 D	11	48.26	50.01	44.30
YKR046C	342 D	12	46.95	48.80	45.21
YKR053C	342 E	1	47.46	51.40	47.05
YML035C	342 E	2	54.08	57.22	48.87
YAR002C-A	342 E	3	54.40	58.12	32.42
YBR083W	342 E	4	51.97	55.06	41.54
YBR084C-A	342 E	5	48.51	50.14	55.27
YBR090C	342 E	6	53.40	56.08	41.54
YBR100W	342 E	7	50.30	52.14	44.30
YBR125C	342 E	9	48.51	51.53	50.70
YBR131W	342 E	10	51.06	53.91	50.70
YBR150C	342 E	11	45.89	48.48	42.48
YBR168W	342 E	12	50.63	52.51	41.54
YBR169C	342 F	1	48.71	50.87	47.94
YBR270C	342 F	2	60.51	66.75	57.08
YBR272C	342 F	3	52.68	56.33	47.94
YBR275C	342 F	4	58.51	64.94	59.82
YBR276C	342 F	5	49.35	52.00	28.78
YBR280C	342 F	6	49.19	51.67	45.21
YBR287W	342 F	7	49.22	51.87	53.43
YBR288C	342 F	8	49.19	51.67	44.30
YBR289W	342 F	9	51.23	52.51	39.71
YBR294W	342 F	10	52.17	54.99	49.78
YBR301W	342 F	11	50.20	53.22	51.60
YCL026C-A	342 F	12	47.30	49.06	46.11

YCR030C	342 G	2	53.84	58.52	59.81
YCR032W	342 G	3	49.35	52.48	41.54
YCR033W	342 G	4	47.30	48.87	34.24
YCR047C	342 G	5	58.34	61.00	46.11
YCR048W	342 G	6	53.16	56.36	45.21
YCR060W	342 G	8	50.57	53.26	35.17
YCR062W	342 G	9	43.10	45.03	36.99
YCR067C	342 G	10	51.26	53.74	49.78
YCR069W	342 G	11	52.82	55.30	49.78
YCR073C	342 G	12	49.45	51.43	47.05
YCR075C	342 H	2	48.32	50.30	49.78
YCR083W	342 H	3	49.32	52.37	44.30
YCR088W	342 H	5	50.83	53.40	48.87
YCR089W	342 H	6	48.96	51.60	49.78
YBR191W	342 H	7	44.09	45.58	44.30
YCL035C	342 H	8	44.78	46.92	40.65
YDR071C	342 H	9	40.31	43.01	40.65
YDR074W	342 H	10	58.05	60.59	37.91
YER027C	342 H	11	45.37	47.21	35.17
YER037W	342 H	12	45.18	47.74	54.36
YLR192C	343 A	2	40.54	42.15	28.78
YLR237W	343 A	3	42.33	44.45	42.48
YLR246W	343 A	4	48.67	51.57	51.60
YLR334C	343 A	5	46.17	48.61	48.87
YLR346C	343 A	6	44.48	47.02	48.87
YLR358C	343 A	7	61.83	68.44	74.43
YLR361C	343 A	8	46.23	48.83	48.87
YLR370C	343 A	9	49.06	53.16	58.93
YLR394W	343 A	11	45.15	47.71	48.87
YML027W	343 B	1	44.91	47.33	50.70
YML036W	343 B	2	54.71	57.51	55.27
YML038C	343 B	3	47.27	50.20	47.94
YML041C	343 B	4	47.62	50.73	44.30
YML042W	343 B	5	47.68	49.68	46.11
YML047C	343 B	6	48.16	50.53	50.70
YML075C	343 B	7	46.76	49.88	44.30
YML076C	343 B	8	47.84	49.81	46.11
YML086C	343 B	9	48.16	50.40	45.21
YMR048W	343 B	10	50.50	54.15	46.11
YMR137C	343 B	12	46.02	48.35	44.30
YMR138W	343 C	1	36.62	39.21	40.65
YMR139W	343 C	2	50.80	52.07	52.51
YMR160W	343 C	3	52.78	53.84	55.27
YMR173W	343 C	4	52.20	54.29	50.70
YMR198W	343 C	5	64.90	68.97	60.74
YOR298C-A	343 C	6	47.74	49.81	52.51
YOR364W	343 C	7	53.33	55.44	51.60
YPL183C	343 C	9	49.03	51.30	51.60
YPL189W	343 C	11	52.78	54.22	48.87
YPL224C	343 C	12	49.94	52.17	46.11
YGR295C	343 D	1	52.64	53.16	47.94
YHR132W-A	343 D	2	57.15	59.11	54.36

YIL030C	343 D	3	50.30	51.60	51.60
YIL058W	343 D	4	51.70	54.64	46.11
YIL092W	343 D	5	48.26	49.81	43.40
YIR023W	343 D	6	52.75	53.60	48.87
YIR030C	343 D	8	47.49	50.01	47.94
YIR032C	343 D	9	48.35	50.37	49.78
YIR043C	343 D	10	46.86	48.51	46.11
YIR044C	343 D	11	48.64	50.44	48.87
YJR003C	343 D	12	45.64	47.74	45.21
YJR055W	343 E	1	47.11	48.54	32.42
YKL053C-A	343 E	2	44.03	45.95	46.11
YKR106W	343 E	3	47.49	49.75	43.40
YMR191W	343 E	4	50.77	54.08	46.11
YMR322C	343 E	5	48.19	50.63	47.94
YNL138W	343 E	6	51.83	62.82	9.58
YNL140C	343 E	7	51.87	54.05	49.78
YNL142W	343 E	8	50.57	52.82	51.60
YOL151W	343 E	10	48.29	50.93	51.60
YOL152W	343 E	11	48.13	50.96	47.94
YOL155C	343 E	12	47.49	49.61	47.05
YOR265W	343 F	1	47.40	49.88	34.24
YOR266W	343 F	2	50.11	53.02	53.43
YOR267C	343 F	3	48.51	50.04	48.87
YOR268C	343 F	4	47.68	50.34	52.51
YOR269W	343 F	5	53.57	55.55	53.43
YOR270C	343 F	6	53.74	58.38	57.98
YOR271C	343 F	7	46.99	49.42	50.70
YOR273C	343 F	8	48.10	51.03	50.70
YOR274W	343 F	9	46.89	49.35	46.11
YOR275C	343 F	10	40.65	41.75	40.65
YOR276W	343 F	11	53.77	57.22	67.11
YOR298C-A	343 F	12	44.85	47.43	49.78
YOR302W	343 G	1	50.87	53.19	47.94
YFL013W-A	343 G	2	50.83	53.29	46.11
YFL014W	343 G	3	48.96	51.57	50.70
YFL019C	343 G	4	50.27	53.64	46.11
YFL042C	343 G	5	45.92	48.83	50.70
YFR024C	343 G	7	48.58	51.87	49.78
YFR025C	343 G	8	49.58	52.20	51.60
YHR146W	343 G	10	50.14	52.99	56.19
YHR171W	343 G	11	48.03	51.33	51.60
YJL042W	343 G	12	43.97	46.45	47.94
YJL070C	343 H	2	48.54	50.57	39.71
YJL078C	343 H	3	47.90	49.68	47.05
YJL094C	343 H	4	46.89	49.35	43.40
YJL101C	343 H	5	43.34	45.92	27.86
YJL105W	343 H	6	47.40	49.32	52.51
YJL128C	343 H	7	43.88	46.58	48.87
YKR094C	343 H	8	47.65	50.90	49.78
YKR095W	343 H	9	48.71	50.20	50.70
YKR096W	343 H	10	45.06	47.52	47.94
YKR102W	343 H	11	48.67	51.87	45.21

YLR110C	343 H	12	47.30	49.81	51.60
YLR390W-A	344 A	1	46.48	49.00	47.05
YML066C	344 A	3	43.49	46.23	43.40
YML115C	344 A	4	42.24	43.94	37.91
YMR037C	344 A	5	42.24	44.27	44.30
YMR104C	344 A	6	43.43	46.51	46.11
YNR055C	344 A	8	45.71	47.65	44.30
YNR069C	344 A	9	45.31	47.40	46.11
YOL147C	344 A	10	45.37	47.90	51.60
YPR007C	344 A	11	44.88	47.14	47.05
YPR008W	344 A	12	42.18	45.31	45.21
YPR013C	344 B	1	45.98	48.38	45.21
YPR022C	344 B	2	48.26	51.20	40.65
YPR023C	344 B	3	42.48	45.18	45.21
YPR024W	344 B	4	43.43	44.60	34.24
YPR026W	344 B	5	50.07	53.09	51.60
YPR031W	344 B	6	50.53	53.57	36.99
YPR037C	344 B	7	46.08	49.19	53.43
YPR043W	344 B	8	47.62	49.81	51.60
YPR050C	344 B	9	50.37	51.47	51.60
YPR064W	344 B	10	49.03	50.73	46.11
YPR078C	344 B	11	49.39	51.97	45.21
YFL013W-A	344 B	12	46.48	48.45	49.78
YFL014W	344 C	1	47.81	50.93	51.60
YFL019C	344 C	2	49.19	51.67	47.94
YFL042C	344 C	3	49.42	52.07	47.05
YFR024C	344 C	5	48.29	51.57	48.87
YFR025C	344 C	6	49.09	51.70	42.48
YFR030W	344 C	7	49.48	52.17	48.87
YHR146W	344 C	8	49.39	51.93	46.11
YHR171W	344 C	9	48.32	50.17	42.48
YJL042W	344 C	10	48.48	50.27	47.05
YJL070C	344 C	11	51.10	53.40	45.21
YJL078C	344 C	12	47.24	48.96	47.05
YJL094C	344 D	1	47.46	49.84	48.87
YJL101C	344 D	2	44.75	45.86	27.86
YJL105W	344 D	3	51.90	56.12	44.30
YJL128C	344 D	4	46.55	48.48	46.11
YKR094C	344 D	5	48.80	52.07	51.60
YKR095W	344 D	6	49.22	51.50	47.05
YKR096W	344 D	7	48.67	51.40	47.94
YKR102W	344 D	9	49.29	51.93	47.94
YLR110C	344 D	10	49.84	52.14	47.94
YLR390W-A	344 D	11	45.98	49.26	50.70
YOL153C	344 E	1	49.91	52.41	45.21
YML066C	344 E	2	50.93	54.50	53.43
YML115C	344 E	3	47.81	49.16	41.54
YMR037C	344 E	4	46.89	49.94	49.78
YMR104C	344 E	5	48.93	51.63	48.87
YNR052C	344 E	6	70.73	76.42	74.43
YNR055C	344 E	7	47.43	49.58	46.11
YNR069C	344 E	8	44.88	47.24	47.05

YOL147C	344 E	9	47.14	50.07	50.70
YPL268W	344 E	10	54.42	61.22	15.07
YPR007C	344 E	11	48.16	50.90	45.21
YPR008W	344 E	12	44.94	47.17	41.54
YPR013C	344 F	1	47.05	49.61	47.94
YPR022C	344 F	2	50.67	53.16	52.51
YPR023C	344 F	3	45.77	47.71	42.48
YPR024W	344 F	4	43.91	45.49	35.17
YPR026W	344 F	5	47.30	50.11	50.70
YPR031W	344 F	6	49.71	51.73	47.05
YPR037C	344 F	7	48.29	50.53	41.54
YPR043W	344 F	8	49.26	51.93	35.17
YPR050C	344 F	9	48.03	49.48	37.91
YPR064W	344 F	10	50.47	51.83	51.60
YPR067W	344 F	11	41.66	44.72	45.21
YPR078C	344 F	12	44.39	47.08	49.78
YBR084W	344 G	1	46.05	47.94	44.30
YBR090C-A	344 G	2	49.84	52.82	47.05
YBR092C	344 G	3	50.53	53.22	50.70
YBR093C	344 G	4	49.94	51.77	45.21
YBR094W	344 G	5	48.48	51.06	48.87
YBR098W	344 G	6	51.33	54.36	41.54
YBR099C	344 G	7	48.38	50.87	39.71
YBR100W	344 G	8	50.57	52.99	50.70
YBR101C	344 G	9	53.91	56.43	46.11
YBR103W	344 G	10	48.35	51.06	48.87
YBR104W	344 G	11	48.45	51.36	55.27
YBR105C	344 G	12	47.36	49.58	49.78
YBR106W	344 H	2	61.98	67.31	53.43
YBR107C	344 H	3	49.22	51.63	48.87
YBR108W	344 H	4	46.20	48.54	47.05
YBR113W	344 H	5	47.21	49.16	47.05
YBR114W	344 H	6	47.90	50.50	46.11
YBR116C	344 H	7	47.40	49.29	45.21
YBR119W	344 H	8	61.37	66.36	65.29
YBR120C	344 H	9	48.32	50.11	51.60
YBR126C	344 H	10	47.27	50.47	49.78
YBR127C	344 H	11	47.81	50.87	53.43
YBR128C	344 H	12	47.81	50.87	53.43
YBR129C	345 A	1	42.51	44.91	39.71
YBR130C	345 A	2	45.34	46.92	42.48
YBR133C	345 A	3	50.87	53.95	57.08
YBR134W	345 A	4	70.77	74.22	66.20
YBR137W	345 A	5	45.58	48.13	48.87
YBR138C	345 A	6	41.66	44.06	52.51
YBR139W	345 A	7	45.58	47.74	48.87
YBR141C	345 A	8	43.31	45.64	46.11
YBR144C	345 A	9	43.49	46.05	49.78
YBR145W	345 A	10	44.27	47.36	48.87
YBR146W	345 A	11	45.21	47.40	47.05
YBR147W	345 A	12	47.62	49.42	50.70
YBR148W	345 B	1	41.92	44.36	47.05

YBR149W	345 B	2	49.48	51.47	47.94
YBR151W	345 B	3	47.17	49.32	47.94
YBR156C	345 B	4	46.33	47.71	47.94
YBR157C	345 B	5	51.40	52.44	47.05
YBR158W	345 B	6	48.32	50.20	48.87
YBR159W	345 B	7	48.61	49.91	46.11
YBR161W	345 B	8	42.63	45.00	44.30
YBR162W-A	345 B	10	50.80	52.54	50.70
YBR164C	345 B	12	45.55	48.61	53.43
YBR170C	345 C	1	48.03	50.11	51.60
YBR172C	345 C	2	48.38	51.30	52.51
YDL001W	345 C	3	49.13	52.00	56.19
YDL002C	345 C	4	53.81	55.20	47.05
YDL006W	345 C	5	41.80	42.33	26.03
YDL009C	345 C	6	47.84	50.17	51.60
YDL010W	345 C	7	48.58	50.73	47.05
YDL011C	345 C	8	49.39	51.26	48.87
YDL012C	345 C	9	48.42	50.80	47.05
YDL013W	345 C	10	61.19	65.26	39.73
YDL018C	345 C	11	45.92	48.48	45.21
YDL020C	345 C	12	46.45	48.29	40.65
YDL021W	345 D	1	64.08	69.33	64.40
YDL022W	345 D	2	49.55	52.10	52.51
YDL023C	345 D	3	39.77	41.25	41.54
YDL024C	345 D	4	47.52	49.88	48.87
YDL025C	345 D	5	52.58	56.22	50.70
YDL026W	345 D	6	50.53	52.71	50.70
YDL027C	345 D	7	49.19	51.70	46.11
YDL032W	345 D	8	36.22	38.13	37.91
YDL033C	345 D	10	50.14	52.85	46.11
YDL035C	345 D	11	51.33	54.02	54.36
YDL037C	345 D	12	53.77	56.15	57.98
YDL040C	345 E	1	47.97	50.40	50.70
YDL041W	345 E	2	46.61	47.65	43.40
YDL046W	345 E	3	49.65	52.68	51.60
YDL048C	345 E	4	52.00	52.75	49.78
YDL049C	345 E	5	47.49	49.26	48.87
YDL050C	345 E	6	50.53	52.61	52.51
YDL052C	345 E	7	52.78	54.92	56.19
YDL054C	345 E	8	50.73	51.67	49.78
YDL059C	345 E	9	49.94	52.44	52.51
YDL062W	345 E	10	43.61	46.23	46.11
YDL063C	345 E	11	51.03	51.63	44.30
YDL065C	345 E	12	51.83	53.12	53.43
YDL066W	345 F	1	81.54	87.30	86.31
YDL070W	345 F	4	52.34	53.70	47.94
YDL071C	345 F	5	51.20	51.93	47.94
YDL072C	345 F	6	42.42	45.18	46.11
YDL073W	345 F	7	50.67	53.26	41.54
YDL075W	345 F	8	72.23	73.54	56.19
YDL076C	345 F	9	58.41	60.85	53.43
YDL077C	345 F	10	55.51	59.22	58.93

YDL078C	345 F	11	49.09	51.13	51.60
YDL079C	345 F	12	48.80	49.75	48.87
YDL080C	345 G	1	51.83	52.92	48.87
YDL081C	345 G	2	43.82	46.30	46.11
YDL082W	345 G	3	54.22	54.50	54.36
YDL083C	345 G	4	50.60	51.83	46.11
YDL085W	345 G	5	49.97	52.41	51.60
YDL086W	345 G	6	53.60	55.30	50.70
YDL088C	345 G	7	45.31	47.14	47.05
YDL089W	345 G	8	48.29	49.48	48.87
YDL091C	345 G	10	46.02	48.42	47.05
YDL093W	345 G	11	47.49	49.88	49.78
YDL094C	345 G	12	41.34	43.19	40.65
YDL095W	345 H	2	47.17	50.11	47.05
YDR438W	345 H	3	44.94	48.13	47.94
YDR439W	345 H	4	53.53	54.99	49.78
YDR440W	345 H	5	50.27	52.24	44.30
YDR441C	345 H	6	48.93	50.57	49.78
YDR442W	345 H	7	61.34	64.47	61.64
YDR443C	345 H	8	59.40	61.75	55.27
YDR446W	345 H	9	45.34	48.06	47.05
YDR447C	345 H	10	44.24	46.42	28.78
YDR448W	345 H	11	63.51	64.28	55.27
YDR450W	345 H	12	40.59	42.68	27.86
YDR451C	346 A	1	48.38	50.04	49.78
YDR452W	346 A	2	51.70	51.90	52.51
YDR453C	346 A	3	48.35	49.75	49.78
YDR455C	346 A	4	46.11	47.68	41.54
YDR456W	346 A	5	49.26	49.06	42.48
YDR457W	346 A	6	37.50	39.66	37.91
YDR458C	346 A	7	54.78	53.77	50.70
YDR459C	346 A	8	44.94	47.27	46.11
YDR463W	346 A	10	52.58	52.78	48.87
YDR465C	346 A	11	46.30	47.78	47.05
YDR466W	346 A	12	50.07	52.04	47.94
YDR467C	346 B	1	50.87	51.60	47.94
YDR469W	346 B	2	48.35	52.48	57.08
YDR470C	346 B	3	49.39	50.73	51.60
YDR471W	346 B	4	46.67	48.45	47.05
YDR474C	346 B	5	53.50	54.33	47.94
YDR476C	346 B	6	59.29	60.44	56.19
YDR479C	346 B	7	47.17	49.32	48.87
YDR480W	346 B	8	52.07	52.64	44.30
YDR481C	346 B	9	52.20	53.84	51.60
YDR482C	346 B	10	52.41	53.19	50.70
YDR485C	346 B	11	53.43	54.60	48.87
YDR488C	346 B	12	61.71	61.45	47.94
YDR490C	346 C	1	46.05	47.59	47.94
YDR491C	346 C	2	47.97	51.20	45.21
YDR492W	346 C	3	53.12	54.67	50.70
YDR494W	346 C	4	56.86	56.36	47.94
YDR495C	346 C	5	59.44	60.63	52.51

YDR496C	346 C	6	56.83	58.30	56.19
YDR497C	346 C	7	49.68	51.33	46.11
YDR501W	346 C	8	53.43	55.02	46.11
YDR503C	346 C	9	50.11	51.60	47.94
YDR504C	346 C	10	48.42	49.84	48.87
YDR505C	346 C	11	55.16	58.71	36.99
YDR506C	346 C	12	46.26	48.19	50.70
YDR507C	346 D	1	38.90	38.71	37.91
YDR508C	346 D	2	50.11	52.27	47.94
YDR509W	346 D	3	47.33	50.01	45.21
YDR511W	346 D	4	50.63	51.80	53.43
YDR512C	346 D	5	45.55	47.62	41.54
YDR513W	346 D	6	49.09	50.50	47.94
YDR514C	346 D	7	49.45	51.23	45.21
YDR517W	346 D	9	44.69	47.40	46.11
YDR519W	346 D	11	54.81	56.01	47.94
YDR520C	346 D	12	49.09	50.73	45.21
YDR522C	346 E	1	49.52	50.96	46.11
YDR524C	346 E	2	48.77	50.34	47.05
YDR525W	346 E	3	47.30	48.71	48.87
YDR528W	346 E	4	49.22	50.90	43.40
YDR530C	346 E	6	47.43	49.03	47.94
YDR533C	346 E	7	37.15	38.24	32.42
YDR534C	346 E	8	56.83	56.79	55.27
YGL101W	346 E	9	52.10	52.68	44.30
YGL104C	346 E	10	52.61	53.74	49.78
YGL105W	346 E	11	60.48	62.43	47.94
YGL108C	346 F	1	48.61	49.78	48.87
YGL109W	346 F	2	49.13	51.00	54.36
YGL110C	346 F	3	54.43	56.72	48.87
YGL114W	346 F	4	48.83	51.06	48.87
YGL115W	346 F	5	58.74	60.92	52.51
YGL117W	346 F	6	46.61	48.35	47.05
YGL118C	346 F	7	52.85	54.05	46.11
YGL121C	346 F	8	51.57	52.78	53.43
YGL124C	346 F	9	49.03	51.47	47.94
YGL125W	346 F	10	46.51	48.13	47.94
YGL126W	346 F	11	53.50	54.47	48.87
YGL127C	346 F	12	46.33	47.40	43.40
YGL131C	346 G	2	42.98	45.83	52.51
YGL132W	346 G	3	52.20	54.02	46.11
YGL133W	346 G	4	46.26	47.97	47.94
YGL136C	346 G	6	44.57	47.59	44.30
YGL138C	346 G	7	53.98	56.68	44.30
YGL139W	346 G	8	48.22	51.16	53.43
YGL140C	346 G	9	48.80	50.27	49.78
YGL141W	346 G	10	52.27	53.84	51.60
YGL144C	346 G	11	51.77	53.46	50.70
YGL146C	346 G	12	49.22	50.67	48.87
YGL147C	346 H	2	50.30	50.60	43.40
YGL148W	346 H	3	51.23	55.41	51.60
YGL149W	346 H	4	55.02	55.66	47.05

YGL151W	346 H	5	52.95	54.71	50.70
YGL152C	346 H	6	52.71	55.30	50.70
YGL153W	346 H	7	53.26	55.80	54.36
YGL154C	346 H	8	51.30	52.58	49.78
YGL156W	346 H	9	52.17	52.92	50.70
YGL157W	346 H	10	49.48	51.16	44.30
YGL158W	346 H	11	55.55	56.90	52.51
YGL159W	346 H	12	47.90	49.52	45.21
YGL160W	347 A	1	44.56	47.12	50.69
YGL161C	347 A	2	46.11	48.51	48.87
YGL162W	347 A	3	47.40	49.61	47.05
YGL164C	347 A	4	50.37	50.90	45.21
YGL165C	347 A	5	48.26	50.14	46.11
YGL166W	347 A	6	47.33	49.48	48.87
YGL167C	347 A	7	55.06	57.44	54.36
YGL168W	347 A	8	47.14	47.05	33.33
YGL170C	347 A	9	46.33	48.32	47.94
YGL175C	347 A	10	48.16	50.53	47.94
YGL176C	347 A	11	45.40	48.13	47.94
YGL177W	347 A	12	47.52	49.88	49.78
YGL179C	347 B	1	47.05	49.45	46.11
YGL180W	347 B	2	48.58	51.50	44.30
YGL181W	347 B	3	51.03	54.54	57.98
YER101C	347 B	4	49.94	52.04	48.87
YER103W	347 B	5	48.38	50.70	46.11
YER106W	347 B	6	49.00	50.96	47.94
YER108C	347 B	7	48.32	51.10	51.60
YER109C	347 B	8	49.48	52.20	51.60
YER110C	347 B	9	46.86	49.65	47.05
YER111C	347 B	10	57.29	58.78	54.36
YER113C	347 B	11	50.93	53.43	51.60
YER114C	347 B	12	47.08	48.93	51.60
YER115C	347 C	1	47.68	50.37	43.40
YER116C	347 C	2	51.63	54.26	36.06
YER117W	347 C	3	46.80	48.83	46.11
YER118C	347 C	4	49.81	52.27	48.87
YER119C	347 C	5	51.57	53.60	48.87
YER119C-A	347 C	6	50.27	52.82	42.48
YER120W	347 C	7	48.71	50.63	44.30
YER121W	347 C	8	51.47	52.92	46.11
YER122C	347 C	9	42.83	44.85	31.52
YER123W	347 C	10	55.16	57.11	55.27
YER124C	347 C	11	50.70	53.81	48.87
YER128W	347 C	12	48.10	49.91	45.21
YER129W	347 D	1	46.95	48.42	48.87
YER130C	347 D	2	51.03	53.57	50.70
YER131W	347 D	3	46.58	49.09	48.87
YER132C	347 D	4	51.47	53.95	43.40
YER134C	347 D	5	49.65	52.10	54.36
YER135C	347 D	6	50.20	52.20	50.70
YER137C	347 D	7	49.52	51.67	46.11
YER139C	347 D	8	51.87	55.34	47.94

YER140W	347 D	9	46.70	49.61	49.78
YER141W	347 D	10	37.45	39.18	34.24
YER142C	347 D	12	47.21	49.52	47.94
YER143W	347 E	1	48.32	51.10	44.30
YER145C	347 E	2	49.65	52.31	49.78
YER149C	347 E	3	51.00	55.69	48.87
YER150W	347 E	4	49.06	51.13	45.21
YER151C	347 E	5	50.60	52.71	55.27
YER152C	347 E	6	49.65	51.67	48.87
YER155C	347 E	8	55.06	56.79	45.21
YER158C	347 E	9	49.84	51.80	47.05
YER161C	347 E	10	51.13	54.15	50.70
YER162C	347 E	11	53.40	55.27	53.43
YER164W	347 E	12	46.05	48.06	47.05
YER166W	347 F	1	47.43	49.42	45.21
YER167W	347 F	2	81.37	87.45	71.69
YER169W	347 F	3	51.67	54.95	44.30
YER170W	347 F	4	49.88	51.97	50.70
YER173W	347 F	5	50.04	53.70	52.51
YER174C	347 F	6	47.46	49.22	47.05
YER175C	347 F	7	49.16	51.36	47.94
YER176W	347 F	8	49.03	51.16	52.51
YER177W	347 F	9	51.33	54.88	48.87
YER178W	347 F	10	47.65	50.04	46.11
YER179W	347 F	11	49.26	52.04	49.78
YER180C	347 F	12	48.32	50.30	47.94
YER181C	347 G	1	44.91	47.78	47.05
YER182W	347 G	2	53.53	56.76	51.60
YER183C	347 G	3	54.43	55.97	51.60
YER184C	347 G	4	48.61	51.00	48.87
YER185W	347 G	5	52.68	53.19	53.43
YER186C	347 G	6	48.83	51.06	48.87
YER187W	347 G	7	49.13	51.16	49.78
YMR052C-A	347 G	8	49.39	52.51	50.70
YMR052W	347 G	9	51.60	53.53	48.87
YMR053C	347 G	10	49.26	51.36	44.30
YMR054W	347 G	11	50.73	51.87	50.70
YMR055C	347 G	12	57.36	57.76	53.43
YMR056C	347 H	2	49.48	51.57	51.60
YMR057C	347 H	3	55.73	55.90	55.27
YMR058W	347 H	4	51.90	54.22	50.70
YJR039W	347 H	6	49.26	51.43	47.05
YJR044C	347 H	7	45.37	47.94	47.94
YJR066W	347 H	8	51.60	52.44	44.30
YIL102C	347 H	9	46.51	49.29	49.78
YIL111W	347 H	10	53.70	54.40	50.70
YIL122W	347 H	11	57.01	58.16	56.19
YIL131C	347 H	12	53.64	55.76	51.60
YIL136W	348 A	1	52.10	54.43	55.27
YIL158W	348 A	2	40.48	43.79	47.05
YIL056W	348 A	3	53.26	54.15	49.78
YIL085C	348 A	4	50.01	51.60	52.51

YJL007C	348 A	5	47.59	49.13	38.82
YDL121C	348 A	6	44.12	46.92	47.94
YOR180C	348 A	7	44.75	47.71	50.70
YCR037C	348 A	8	45.24	47.74	47.05
YBR285W	348 A	9	49.52	50.80	49.78
YCR024C	348 A	10	41.22	44.09	47.05
YDL 019C	348 A	11	51.67	52.37	48.87
YDL034W	348 A	12	49.00	51.67	51.60
YDL036C	348 B	1	45.21	47.71	52.51
YDL038C	348 B	2	49.58	51.60	46.11
YDL 039C	348 B	3	51.30	53.02	52.51
YDL047W	348 B	4	64.32	66.95	44.30
YDL 053C	348 B	5	44.48	46.48	50.70
YDL061C	348 B	6	48.32	50.90	50.70
YDL074C	348 B	8	58.63	61.56	59.81
YDR477W	348 B	9	73.79	77.25	52.51
YDR483W	348 B	10	52.48	53.19	49.78
YDR484W	348 B	11	53.88	58.23	67.11
YDR486C	348 B	12	60.44	62.24	56.19
YDR500C	348 C	1	47.87	50.07	45.21
YDR521W	348 C	2	47.30	50.90	54.36
YDR523C	348 C	3	48.38	50.63	47.05
YAL024C	348 C	4	54.59	58.18	48.87
YBR299W	348 C	5	47.05	49.94	49.78
YCR107W	348 C	6	47.59	50.11	50.70
YDR242W	348 C	7	48.45	51.16	48.87
YDR326C	348 C	8	47.08	49.78	51.60
YDR417C	348 C	9	35.48	35.54	30.58
YDR444W	348 C	10	49.61	51.90	47.94
YDR461W	348 C	11	47.81	50.50	50.70
YDR493W	348 C	12	45.03	46.73	46.11
YDR500C	348 D	1	45.86	48.38	41.54
YDR502C	348 D	2	45.95	48.29	49.78
YDR506C	348 D	3	46.83	49.13	52.51
YDR512C	348 D	4	44.66	46.26	45.21
YDR515W	348 D	5	48.80	50.63	44.30
YER089C	348 D	6	47.55	50.47	48.87
YFL001W	348 D	7	57.65	59.29	57.98
YFL003C	348 D	8	47.87	50.37	47.05
YFL004W	348 D	9	50.90	53.91	50.70
YFL007W	348 D	10	46.95	49.13	47.94
YFL010C	348 D	11	45.21	47.71	45.21
YFL010W-A	348 E	1	46.51	48.96	45.21
YFL012W	348 E	2	49.55	52.14	48.87
YFL013C	348 E	3	41.43	42.80	37.91
YFL033C	348 E	4	51.47	53.74	54.36
YGR122C-A	348 E	5	46.76	49.26	52.51
YGR162W	348 E	6	51.57	53.29	47.94
YGR252W	348 E	7	64.90	67.51	60.74
YGR254W	348 E	8	46.99	48.87	46.11
YGR258C	348 E	10	48.45	50.40	49.78
YGR271W	348 E	11	47.36	49.71	45.21

YGR272C	348 E	12	40.71	41.40	26.93
YGR273C	348 F	1	44.78	47.36	43.40
YGR276C	348 F	2	50.01	52.44	54.36
YGR289C	348 F	3	49.78	52.10	50.70
YGR291C	348 F	4	49.22	51.93	47.94
YGR292W	348 F	5	47.36	49.75	47.05
YBR020W	348 F	6	50.63	52.88	50.70
YBR075W	348 F	7	47.36	50.24	52.51
YDR417C	348 F	8	34.19	34.04	29.67
YFL033C	348 F	9	37.78	39.13	33.33
YFL063W	348 F	10	48.45	51.30	51.60
YJL103C	348 F	11	46.23	48.42	40.65
YML073C	348 F	12	43.73	46.33	44.30
YNL011C	348 G	1	43.91	46.30	47.05
YNL014W	348 G	2	45.95	48.80	44.30
YNL047C	348 G	3	46.83	49.35	48.87
YNL053W	348 G	4	44.82	46.30	44.30
YNL059C	348 G	5	60.74	65.99	54.35
YNL069C	348 G	6	46.20	49.19	47.94
YNL086W	348 G	7	47.84	49.84	48.87
YNL089C	348 G	8	49.16	52.10	51.60
YNL096C	348 G	9	45.49	47.81	38.82
YNL109W	348 G	10	45.83	48.06	47.05
YNL111C	348 G	11	48.61	51.16	49.78
YNL220W	348 G	12	44.72	47.78	27.86
YNL268W	348 H	2	43.85	46.51	49.78
YNL284C	348 H	3	36.46	38.52	35.17
YNL315C	348 H	4	37.18	39.60	43.40
YNR033W	348 H	5	45.86	47.94	50.70
YOL148C	348 H	6	56.36	56.54	44.30
YOL151W	348 H	7	45.71	47.78	45.21
YOL152W	348 H	8	45.68	48.19	47.94
YPL158C	348 H	9	42.24	46.83	45.21
YPL183W-A	348 H	10	45.68	47.05	49.78
YPL194W	348 H	11	43.61	47.97	48.87
YPR011C	348 H	12	43.19	46.05	48.87
YPR021C	349 A	1	46.80	50.77	52.51
YPR083W	349 A	2	44.12	47.24	49.78
YPR091C	349 A	3	47.97	50.93	52.51
YPR118W	349 A	4	48.45	51.93	56.19
YPR133W-A	349 A	5	49.88	54.15	52.51
YPR151C	349 A	6	46.14	50.14	50.70
YMR074C	349 A	7	48.80	53.02	57.08
YMR118C	349 A	8	45.92	49.55	51.60
YAL043C	401 A	2	46.39	48.61	45.21
YAL041W	401 A	3	57.22	60.22	64.40
YAL038W	401 A	4	41.98	43.97	38.82
YAL034W	401 A	5	49.35	49.19	45.21
YAL035C	401 A	6	46.30	48.35	47.94
YAL033W	401 A	7	43.64	45.83	46.11
YAL032C	401 A	8	46.70	46.70	45.21
YAL025C	401 A	9	45.80	48.03	43.40

YAL003W	401 A	10	38.90	39.97	36.06
YAL001C	401 A	11	41.11	43.58	39.71
YAR007C	401 A	12	46.64	49.35	48.87
YAR008W	401 B	1	44.00	46.51	42.48
YAR019C	401 B	2	49.29	51.23	48.87
YLL003W	401 B	3	46.48	48.93	48.87
YLL004W	401 B	4	55.20	55.97	49.78
YLL008W	401 B	5	52.27	53.84	45.21
YLL011W	401 B	6	56.61	57.91	44.30
YLL018C	401 B	7	51.37	52.82	52.51
YLL031C	401 B	8	49.78	51.33	49.78
YLL034C	401 B	9	48.93	51.40	51.60
YLL035W	401 B	10	49.45	51.97	54.36
YLL036C	401 B	11	49.35	51.30	30.58
YLL037W	401 B	12	47.68	49.97	46.11
YLL050C	401 C	1	45.15	47.36	45.21
YLR002C	401 C	2	45.80	47.90	47.05
YLR005W	401 C	3	61.87	66.99	59.81
YLR007W	401 C	4	46.14	48.96	53.43
YLR008C	401 C	5	44.03	46.95	47.05
YLR009W	401 C	6	50.14	50.63	48.87
YLR010C	401 C	7	44.63	47.62	47.05
YLR022C	401 C	8	46.83	49.09	44.30
YLR026C	401 C	9	46.45	48.84	48.87
YLR029C	401 C	10	44.75	46.64	23.29
YLR045C	401 C	11	51.23	52.48	45.21
YLR051C	401 C	12	44.88	48.67	49.78
YLR060W	401 D	1	48.35	49.13	50.70
YLR066W	401 D	2	55.48	55.76	53.43
YLR071C	401 D	3	46.80	48.87	48.87
YLR075W	401 D	4	45.74	47.84	52.51
YLR076C	401 D	5	48.80	49.29	47.94
YLR078C	401 D	6	47.81	50.34	50.70
YLR086W	401 D	7	45.31	48.00	46.11
YLR088W	401 D	8	48.00	50.14	48.87
YLR100W	401 D	9	45.58	48.22	49.78
YLR101C	401 D	10	50.07	51.40	48.87
YLR103C	401 D	11	51.73	53.26	54.36
YLR105C	401 D	12	46.86	48.32	44.30
YLR106C	401 E	1	45.95	48.74	49.78
YLR115W	401 E	2	44.48	48.22	49.78
YLR116W	401 E	3	42.92	45.37	44.30
YLR117C	401 E	4	42.39	45.15	44.30
YML043C	401 E	8	48.96	50.47	50.70
YML049C	401 E	9	49.06	51.70	49.78
YML064C	401 E	10	39.80	43.16	15.98
YML065W	401 E	11	50.77	52.14	47.94
YML010W	401 E	12	45.92	47.90	26.93
YML025C	401 E	5	49.35	51.10	51.60
YMR001C	401 E	6	54.15	57.33	49.78
YMR013C	401 E	7	55.76	55.97	47.05
YMR028W	401 F	1	48.64	50.17	45.21

YMR043W	401 F	2	50.27	52.14	48.87
YMR146C	401 F	3	61.22	62.09	41.54
YMR149W	401 F	4	52.17	53.33	48.87
YMR168C	401 F	5	54.19	54.29	52.51
YMR197C	401 F	6	49.29	51.60	45.21
YMR200W	401 F	7	52.75	54.47	54.36
YMR203W	401 F	8	55.37	57.40	42.48
YMR208W	401 F	9	47.84	50.80	49.78
YJL061W	401 F	10	49.97	51.26	51.60
YMR213W	401 F	11	48.45	50.40	41.54
YMR218C	401 F	12	45.40	47.90	52.51
YMR220W	401 G	1	48.80	49.03	40.65
YMR229C	401 G	2	50.40	52.44	53.43
YMR235C	401 G	3	49.55	51.43	49.78
YMR236W	401 G	4	52.71	53.84	47.05
YMR239C	401 G	5	49.42	50.97	50.70
YMR240C	401 G	6	47.97	50.53	50.70
YMR260C	401 G	7	50.87	52.27	53.43
YMR268C	401 G	8	54.08	55.27	52.51
YMR270C	401 G	9	47.62	49.88	38.82
YMR281W	401 G	10	47.71	49.55	34.24
YMR288W	401 G	11	55.09	55.41	44.30
YMR290C	401 G	12	53.50	54.26	49.78
YMR290W	401 H	2	47.27	49.16	52.51
YMR296C	401 H	3	50.04	52.44	51.60
YMR298W	401 H	4	52.92	54.12	52.51
YMR301C	401 H	6	48.90	50.14	49.78
YMR308C	401 H	7	50.50	50.73	42.48
YMR309C	401 H	8	47.43	50.40	46.11
YOR004W	401 H	9	50.30	51.80	48.87
YOR020C	401 H	10	50.97	52.95	45.21
YOR046C	401 H	11	51.10	52.51	50.70
YOR048C	401 H	12	56.40	58.60	59.81
YOR056C	401 H	1	53.64	54.57	50.70
YOR057W	402 A	1	51.37	53.19	47.05
YOR060C	402 A	3	47.17	50.57	53.43
YOR063W	402 A	4	47.81	49.78	47.94
YOR074C	402 A	5	48.87	51.20	51.60
YOR075W	402 A	6	50.90	53.36	49.78
YOR077W	402 A	7	46.45	48.16	46.11
YOR095C	402 A	8	47.90	50.70	49.78
YOR294W	402 A	9	47.55	50.04	46.11
YOR310C	402 A	10	43.31	45.24	44.30
YJL072C	402 A	11	48.74	51.00	48.87
YOR326W	402 A	12	52.31	56.68	56.19
YOR329C	402 B	1	54.67	57.11	48.87
YOR335C	402 B	2	57.33	60.10	56.19
YJL069C	402 B	3	51.73	54.57	53.43
YOR341W	402 B	4	50.70	52.88	54.36
YOR353C	402 B	5	52.65	57.40	54.36
YOR361C	402 B	6	48.42	51.10	53.43
YOR362C	402 B	7	50.30	52.68	53.43

YOR370C	402 B	8	50.60	52.88	53.43
YOR372C	402 B	9	48.74	51.13	54.36
YOR373W	402 B	10	51.16	53.46	47.05
YOR336W	402 B	11	49.75	52.48	49.78
YOL005C	402 B	12	49.03	51.60	50.70
YOL010W	402 C	1	51.03	52.04	48.87
YOL021C	402 C	2	52.82	54.95	47.94
YOL022C	402 C	3	50.01	52.78	46.11
YOL026C	402 C	4	51.23	53.57	47.94
YOL034W	402 C	5	50.80	53.29	49.78
YOL038W	402 C	6	50.57	52.99	48.87
YOL040C	402 C	7	48.29	49.75	45.21
YOL066C	402 C	8	50.83	52.95	25.11
YOL069W	402 C	9	50.40	52.61	52.51
YOL077C	402 C	10	50.11	51.94	47.94
YPL190C	402 C	11	49.16	51.50	50.70
YPL204W	402 C	12	47.55	49.84	49.78
YPL209C	402 D	1	48.06	50.40	52.51
YPL210C	402 D	2	54.22	56.54	49.78
YPL211W	402 D	3	48.93	51.26	44.30
YPL218W	402 D	4	50.40	53.33	45.21
YPL228W	402 D	5	52.85	55.69	55.27
YPL231W	402 D	6	50.80	52.61	50.70
YPL233W	402 D	7	50.01	52.27	44.30
YPL235W	402 D	8	50.20	51.43	49.78
YPL237W	402 D	9	52.65	55.02	48.87
YPL238C	402 D	10	56.51	59.85	52.51
YPL242C	402 D	11	48.45	50.60	49.78
YPL243W	402 D	12	48.26	51.03	55.27
YPL251W	402 E	1	51.03	53.29	46.11
YPL252C	402 E	2	49.52	52.24	48.87
YPL255W	402 E	3	49.91	51.77	44.30
YPL266W	402 E	4	48.96	51.47	50.70
YPL093W	402 E	5	47.84	49.55	46.11
YPL094C	402 E	6	49.75	52.17	50.70
YPL117C	402 E	7	49.19	51.57	52.51
YPL122C	402 E	8	47.78	50.27	48.87
YPL124W	402 E	9	48.67	51.13	49.78
YPL126W	402 E	10	48.45	50.30	47.05
YPL128C	402 E	11	48.77	50.73	50.70
YPL142C	402 E	12	50.17	50.53	48.87
YPL143W	402 F	1	47.97	49.84	50.70
YPL151C	402 F	2	48.77	51.16	46.11
YPL153C	402 F	3	50.11	52.20	52.51
YPL160W	402 F	4	52.95	54.78	45.21
YPL169C	402 F	5	49.00	51.10	45.21
YPL175W	402 F	6	50.83	52.44	52.51
YBR190W	402 F	7	48.38	49.78	47.94
YBR192W	402 F	8	50.30	52.51	48.87
YBR193C	402 F	9	51.67	53.26	50.70
YBR196C	402 F	10	63.58	68.93	62.55
YBR198C	402 F	11	52.58	54.26	50.70

YBR202W	402 F	12	51.67	54.22	51.60
YBR211C	402 G	1	48.61	51.50	50.70
YBR234C	402 G	2	50.14	52.07	49.78
YBR236C	402 G	3	48.87	51.87	44.30
YBR237W	402 G	4	55.34	56.83	57.98
YBR243C	402 G	5	52.04	54.08	54.36
YBR247C	402 G	6	51.90	53.57	56.19
YBR252W	402 G	7	53.57	54.95	46.11
YBR253W	402 G	8	48.06	49.22	48.87
YBR254C	402 G	9	45.27	47.62	45.21
YBR256C	402 G	10	53.43	55.37	48.87
YBR257W	402 G	11	51.16	53.19	45.21
YBR265W	402 G	12	46.20	48.93	46.11
YBR189W	402 H	1	44.30	46.83	52.51
YBR191W	402 H	2	47.14	47.87	48.87
YDR052C	402 H	3	53.46	53.64	50.70
YDR053W	402 H	4	48.48	51.20	57.08
YDR054C	402 H	6	52.54	52.44	46.11
YDR060W	402 H	7	47.65	48.54	47.94
YDR062W	402 H	8	51.90	52.04	47.05
YDR064W	402 H	9	48.61	49.84	44.30
YDR081C	402 H	10	52.88	58.67	68.04
YDR082W	402 H	11	45.68	48.87	50.70
YDR086C	402 H	12	47.36	50.70	54.36
YDR087C	403 A	1	40.28	42.95	42.48
YDR088C	403 A	2	45.24	47.87	43.40
YDR091C	403 A	4	43.67	45.80	45.21
YDR113C	403 A	5	42.83	44.39	42.48
YDR118W	403 A	6	46.30	47.11	43.40
YDR141C	403 A	7	40.05	43.07	39.71
YDR145W	403 A	8	40.08	43.01	41.54
YDR339C	403 A	9	45.64	47.17	43.40
YDR341C	403 A	10	46.05	48.32	49.78
YDR353W	403 A	11	42.98	45.68	47.05
YDR355C	403 A	12	47.71	48.80	41.54
YDR356W	403 B	1	47.21	48.10	43.40
YDR361C	403 B	2	51.06	52.71	52.51
YDR362C	403 B	3	48.96	45.27	47.04
YDR365C	403 B	4	44.66	47.43	47.94
YDR367W	403 B	5	50.87	52.17	49.78
YDR373W	403 B	6	51.20	52.82	47.94
YDR376W	403 B	7	57.80	57.87	47.94
YDR381W	403 B	8	54.10	47.60	47.04
YDR390C	403 B	9	56.54	57.22	50.70
YDR394W	403 B	10	64.43	64.24	51.60
YDR396W	403 B	11	50.20	52.85	50.70
YDR397C	403 B	12	54.10	49.42	47.95
YDR398W	403 C	1	38.71	41.31	36.99
YDR404C	403 C	2	51.70	53.91	51.60
YDR407C	403 C	3	46.99	49.75	44.30
YDR412W	403 C	4	52.92	53.29	49.78
YDR413C	403 C	5	49.48	51.73	45.21

YDR416W	403 C	6	41.80	45.15	47.94
YDR429C	403 C	7	56.86	57.76	50.70
YDR434W	403 C	8	47.52	50.07	46.11
YDR427W	403 C	9	49.52	52.61	53.43
YEL002C	403 C	10	49.13	51.77	48.87
YEL019C	403 C	11	48.32	50.90	49.78
YEL026W	403 C	12	55.34	57.15	53.43
YEL032W	403 D	1	41.25	43.97	39.71
YEL035C	403 D	2	47.08	49.06	47.05
YEL055C	403 D	3	44.57	47.84	55.27
YEL058W	403 D	4	50.90	52.99	44.30
YER003C	403 D	5	48.29	50.04	47.05
YER006W	403 D	6	51.94	51.57	47.94
YER009W	403 D	7	55.06	55.97	49.78
YER012W	403 D	8	53.84	54.78	49.78
YER013W	403 D	9	50.44	52.75	50.70
YER021W	403 D	10	51.70	54.99	49.78
YER022W	403 D	11	50.30	51.70	49.78
YER023W	403 D	12	47.52	50.17	46.11
YER025W	403 E	1	43.97	46.55	46.11
YER036C	403 E	2	49.35	52.17	57.08
YER038C	403 E	3	54.85	55.37	51.60
YER043C	403 E	4	55.44	55.87	54.36
YER082C	403 E	5	47.52	51.06	50.70
YGR128C	403 E	6	50.57	51.70	50.70
YGR140W	403 E	7	53.26	54.12	51.60
YGR147C	403 E	8	61.55	52.73	46.12
YGR156W	403 E	9	53.74	53.84	49.78
YGR158C	403 E	10	47.94	49.84	44.30
YGR172C	403 E	11	58.34	60.48	51.60
YGR175C	403 E	12	45.74	47.94	50.70
YGR179C	403 F	1	41.54	44.72	40.65
YGR185C	403 F	2	55.48	56.01	53.43
YGR186W	403 F	3	50.60	52.54	52.51
YGR190C	403 F	4	62.98	53.10	54.35
YGR191W	403 F	5	47.27	49.32	52.51
YGR195W	403 F	6	59.99	59.59	52.51
YGR198W	403 F	7	45.83	48.58	46.11
YGR211W	403 F	8	56.86	56.97	52.51
YGR216C	403 F	9	49.97	52.00	47.05
YGR218W	403 F	10	53.16	54.99	46.11
YHR019C	403 F	11	49.16	51.23	50.70
YHR024C	403 F	12	43.34	47.27	48.87
YHR036W	403 G	1	49.94	52.31	57.08
YHR040W	403 G	2	49.45	52.04	51.60
YHR042W	403 G	3	55.20	56.79	47.94
YHR062C	403 G	4	55.37	57.51	50.70
YHR065C	403 G	5	50.50	52.14	47.05
YHR068W	403 G	6	47.65	50.34	51.60
YHR069C	403 G	7	55.87	56.36	50.70
YHR070W	403 G	8	53.67	55.16	47.94
YHR072W	403 G	9	52.54	53.53	53.43

YHR074W	403 G	10	62.28	61.19	57.08
YHR083W	403 G	11	51.26	53.53	49.78
YHR085W	403 G	12	50.34	51.43	49.78
YHR088W	403 H	1	46.73	49.78	47.94
YHR101C	403 H	2	49.39	51.47	45.21
YHR107C	403 H	3	48.74	49.58	47.05
YHR118C	403 H	4	49.65	50.24	43.40
YHR122W	403 H	6	52.75	54.43	50.70
YHR084W	403 H	7	49.00	50.73	42.48
YHR143W	403 H	8	50.01	52.78	48.87
YHR148W	403 H	9	50.07	50.73	47.94
YHR164C	403 H	10	47.55	50.93	54.36
YHR166C	403 H	11	53.95	54.88	47.94
YHR172W	403 H	12	59.81	60.18	50.70
YHR186C	404 A	1	55.69	54.19	49.78
YHR188C	404 A	2	42.80	46.39	47.05
YHR190W	404 A	3	46.05	47.62	44.30
YHR196W	404 A	5	49.94	49.91	47.05
YHR197W	404 A	6	45.49	47.55	47.05
YCL003W	404 A	7	42.42	45.21	49.78
YCL004W	404 A	8	58.41	57.36	50.70
YCL017C	404 A	9	47.14	48.42	47.05
YCL031C	404 A	10	48.22	50.04	47.94
YCL043C	404 A	11	51.77	51.43	51.60
YCL052C	404 A	12	51.62	46.09	44.30
YCL054W	404 B	1	52.65	52.51	48.87
YCL059C	404 B	2	51.33	52.17	47.05
YCR012W	404 B	3	50.27	51.77	48.87
YCR013C	404 B	4	53.16	51.97	49.78
YLR127C	404 B	5	52.33	46.48	44.30
YLR129W	404 B	6	46.67	48.45	50.70
YLR132C	404 B	7	57.11	56.93	48.87
YLR140W	404 B	8	56.08	55.80	52.51
YLR141W	404 B	9	60.06	50.92	27.86
YLR145W	404 B	10	45.77	48.48	43.40
YLR147C	404 B	11	49.65	51.63	50.70
YLR163C	404 B	12	54.02	56.43	41.54
YLR166C	404 C	1	44.36	46.64	43.40
YLR167W	404 C	2	52.48	54.19	47.05
YLR175W	404 C	3	47.65	50.14	52.51
YLR186W	404 C	4	56.40	57.44	43.40
YLR195C	404 C	5	47.17	49.48	27.86
YLR196W	404 C	6	50.97	52.41	40.65
YLR197W	404 C	7	51.67	57.22	58.93
YLR198C	404 C	8	50.44	53.29	40.65
YLR208W	404 C	9	50.50	52.54	52.51
YLR212C	404 C	10	56.54	58.63	50.70
YLR222C	404 C	11	50.97	52.04	45.21
YLR223C	404 C	12	43.85	45.46	43.40
YKL004W	404 D	1	45.18	46.61	48.87
YKL006C	404 D	2	49.22	50.47	43.40
YKL012W	404 D	3	52.17	54.36	55.27

YKL013C	404 D	4	47.30	49.91	52.51
YKL014C	404 D	5	43.94	46.48	44.30
YKL018W	404 D	6	50.47	52.61	55.27
YKL019W	404 D	7	49.00	51.03	50.70
YKL021C	404 D	8	45.58	48.35	52.51
YKL022C	404 D	9	51.97	53.26	55.27
YKL024C	404 D	10	49.09	51.53	51.60
YKL028W	404 D	11	50.01	52.27	56.19
YKL033W	404 D	12	45.71	48.61	47.94
YKL035W	404 E	1	39.32	42.57	38.82
YKL036C	404 E	2	53.53	53.57	47.94
YKL042W	404 E	3	56.47	56.83	49.78
YKL045W	404 E	4	48.51	51.23	47.94
YKL049C	404 E	5	54.95	55.44	47.05
YKL052C	404 E	6	51.47	53.26	49.78
YKL058W	404 E	7	50.90	52.88	44.30
YKL059C	404 E	8	49.71	50.93	46.11
YKL060C	404 E	9	56.93	59.48	57.08
YKL078W	404 E	10	47.52	49.42	48.87
YKL083W	404 E	11	51.03	51.83	39.71
YKL088W	404 E	12	55.80	55.27	48.87
YKL089W	404 F	1	40.99	43.04	47.05
YKL095W	404 F	2	45.64	48.71	52.51
YKL099C	404 F	3	45.37	47.87	50.70
YKL104C	404 F	4	47.97	50.57	53.43
YKL108W	404 F	5	47.68	49.88	54.36
YKL111C	404 F	6	51.06	52.14	50.70
YKL112W	404 F	7	48.22	50.34	48.87
YKL122C	404 F	8	46.26	48.54	54.36
YKL125W	404 F	9	46.64	48.48	47.05
YKL144C	404 F	10	50.73	52.88	54.36
YKL145W	404 F	11	54.71	57.47	56.19
YKL152C	404 F	12	50.90	51.90	48.87
YKL153W	404 G	1	40.91	42.77	40.65
YKL154W	404 G	2	46.73	49.00	51.60
YKL165C	404 G	3	52.14	54.60	50.70
YKL172W	404 G	4	48.77	49.78	51.60
YKL173W	404 G	5	51.13	52.61	51.60
YKL180W	404 G	6	46.23	47.65	49.78
YKL186C	404 G	7	49.78	51.40	45.21
YKL189W	404 G	8	48.84	50.50	52.51
YKL139W	404 G	9	48.45	50.40	52.51
YKL141W	404 G	10	50.63	52.44	53.43
YKL181W	404 G	11	50.83	52.78	49.78
YKL182W	404 G	12	44.82	46.48	41.54
YGR029W	404 H	1	45.12	46.64	44.30
YGR030C	404 H	2	48.84	50.70	45.21
YGR047C	404 H	3	49.32	50.44	50.70
YGR060W	404 H	4	47.84	50.11	45.21
YGR065C	404 H	6	46.33	48.54	48.87
YGR073C	404 H	7	49.39	52.20	53.43
YGR074W	404 H	8	51.06	52.54	50.70

YGR075C	404 H	9	46.33	48.67	47.05
YGR083C	404 H	10	56.61	58.60	46.11
YGR090W	404 H	11	49.03	51.13	48.87
YGR091W	404 H	12	49.32	51.47	51.60
YGR094W	405 A	1	41.51	44.36	41.54
YGR095C	405 A	2	48.10	50.04	47.94
YGR098C	405 A	3	47.90	51.13	52.51
YGR099W	405 A	4	45.55	48.67	50.70
YGR103W	405 A	6	55.27	56.12	50.70
YGR113W	405 A	7	51.63	52.71	44.30
YGR114C	405 A	8	51.50	53.12	47.05
YGR115C	405 A	9	56.33	55.83	44.30
YGR119C	405 A	10	43.58	44.54	44.30
YGR120C	405 A	11	45.74	47.52	48.87
YOR098C	405 A	12	49.16	50.50	49.78
YOR102W	405 B	1	51.30	52.31	52.51
YOR110W	405 B	2	49.75	51.67	42.48
YOR116C	405 B	3	53.88	54.29	41.54
YOR117W	405 B	4	56.19	57.76	51.60
YOR119C	405 B	5	53.46	54.22	44.30
YOR122C	405 B	6	57.69	58.23	50.70
YOR143C	405 B	7	55.23	55.94	47.94
YOR145C	405 B	8	58.09	61.07	43.40
YOR146W	405 B	9	50.40	51.97	46.11
YOR148C	405 B	10	53.22	54.95	53.43
YOR149C	405 B	11	53.29	55.27	46.11
YOR151C	405 B	12	60.70	60.55	45.21
YJL074C	405 C	1	58.09	58.74	47.94
YOR159C	405 C	2	61.75	65.76	50.70
YJL076W	405 C	3	52.58	52.78	35.17
YOR168W	405 C	4	52.17	53.46	53.43
YOR169C	405 C	5	56.40	56.43	49.78
YOR174W	405 C	6	49.03	51.26	47.05
YOR176W	405 C	7	52.99	54.08	47.05
YOR181W	405 C	8	52.07	53.64	55.27
YOR103C	405 C	9	48.22	50.27	54.36
YOR194C	405 C	10	54.05	54.02	48.87
YOR203W	405 C	11	54.43	55.59	47.05
YOR204W	405 C	12	51.50	53.77	55.27
YOR206W	405 D	1	52.92	52.44	47.94
YOR207C	405 D	2	56.65	56.08	51.60
YOR210W	405 D	3	50.14	51.80	45.21
YOR217W	405 D	4	54.60	55.09	47.94
YOR218C	405 D	5	56.22	56.19	55.27
YJL081C	405 D	6	49.42	49.81	47.05
YOR232W	405 D	7	47.11	49.06	43.40
YOR236W	405 D	8	50.07	52.27	50.70
YOR244W	405 D	9	52.61	53.84	50.70
YOR249C	405 D	10	48.93	50.57	48.87
YOR250C	405 D	11	52.48	52.99	24.21
YOR254C	405 D	12	47.90	49.55	48.87
YOR256C	405 E	1	46.20	47.43	47.94

YOR257W	405 E	2	46.39	48.51	42.48
YOR259C	405 E	3	53.64	54.74	50.70
YJL085W	405 E	4	54.71	56.33	52.51
YOR261C	405 E	5	57.58	58.82	27.86
YOR262W	405 E	6	59.22	61.49	52.51
YJL086C	405 E	7	56.93	59.48	56.19
YOR281C	405 E	8	56.15	56.79	52.51
YOR282W	405 E	9	48.71	50.24	49.78
YOR287C	405 E	10	48.38	50.44	49.78
YJL173C	405 E	11	55.73	57.08	48.87
YJL194W	405 E	12	55.87	56.08	57.98
YJL203W	405 F	1	54.02	55.16	54.36
YJL195C	405 F	2	52.85	53.88	47.05
YJL156C	405 F	3	54.22	55.62	47.05
YJL202C	405 F	4	59.22	60.51	42.48
YLR336C	405 F	5	50.97	52.54	51.60
YLR339C	405 F	6	46.39	47.36	46.11
YLR340W	405 F	7	46.42	48.32	43.40
YLR355C	405 F	8	53.05	54.57	47.05
YLR359W	405 F	9	50.67	51.94	47.05
YLR378C	405 F	10	50.97	53.22	43.40
YLR379W	405 F	11	54.19	56.26	53.43
YLR397C	405 F	12	51.16	53.05	54.36
YLR409C	405 G	1	53.12	53.33	47.94
YLR229C	405 G	2	50.87	53.40	57.08
YLR230W	405 G	3	52.17	54.05	54.36
YLR243W	405 G	4	51.23	53.33	46.11
YLR249W	405 G	5	53.29	53.64	51.60
YLR259C	405 G	6	52.34	53.95	56.19
YLR272C	405 G	7	43.49	47.21	48.87
YLR274W	405 G	8	50.11	51.57	48.87
YLR275W	405 G	9	48.87	49.88	51.60
YLR276C	405 G	10	50.60	51.97	47.94
YLR277C	405 G	11	50.90	51.70	47.94
YLR291C	405 G	12	48.35	50.40	51.60
YLR298C	405 H	1	44.27	45.31	43.40
YLR305C	405 H	2	52.31	53.91	53.43
YLR310C	405 H	3	50.47	54.26	58.93
YLR314C	405 H	4	48.80	49.75	47.05
YLR316C	405 H	6	52.27	54.15	54.36
YLR317W	405 H	7	54.99	54.95	46.11
YLR321C	405 H	8	53.46	54.57	49.78
YLR323C	405 H	9	48.58	50.37	50.70
YLR293C	405 H	10	61.19	64.71	53.43
YDR160W	405 H	11	50.01	51.77	49.78
YDR164C	405 H	12	50.07	52.31	61.64
YDR166C	406 A	1	50.01	51.13	49.78
YDR167W	406 A	2	44.66	46.20	44.30
YDR168W	406 A	3	52.78	52.54	41.54
YDR170C	406 A	4	40.76	42.51	44.30
YDR172W	406 A	5	45.89	46.83	44.30
YDR177W	406 A	7	49.97	50.73	44.30

YDR180W	406 A	8	43.31	46.20	47.05
YDR182W	406 A	9	46.05	47.17	47.94
YDR187C	406 A	10	50.50	52.75	42.48
YDR188W	406 A	11	54.08	55.69	57.08
YDR189W	406 A	12	52.14	52.54	43.40
YDR190C	406 B	1	43.73	45.18	43.40
YDR196C	406 B	2	49.22	50.80	48.87
YDR201W	406 B	3	49.71	51.26	50.70
YDR208W	406 B	4	53.95	55.20	47.94
YDR211W	406 B	5	40.05	41.59	37.90
YDR212W	406 B	6	44.58	48.28	28.77
YDR224C	406 B	7	36.77	38.98	25.11
YDR228C	406 B	8	39.35	41.95	24.20
YDR232W	406 B	9	40.65	43.48	29.68
YDR235W	406 B	10	43.33	44.85	27.86
YDR236C	406 B	11	38.67	41.12	36.99
YDR238C	406 B	12	44.15	46.48	39.71
YDR240C	406 C	1	42.68	45.03	44.30
YGL201C	406 C	2	54.05	55.34	48.87
YGL207W	406 C	3	53.84	54.85	50.70
YGL225W	406 C	4	49.26	51.40	45.21
YGL233W	406 C	5	57.01	57.22	53.43
YGL238W	406 C	6	48.06	49.58	43.40
YGL245W	406 C	7	53.33	53.74	50.70
YGL247W	406 C	8	49.39	51.77	53.43
YGR002C	406 C	9	50.14	51.94	52.51
YGR005C	406 C	10	44.91	46.67	41.54
YGR009C	406 C	11	48.90	50.40	47.94
YGR013W	406 C	12	48.87	50.83	48.87
YPL007C	406 D	1	47.52	48.19	47.94
YPL010W	406 D	2	50.14	51.47	48.87
YPL011C	406 D	3	50.90	52.31	53.43
YPL012W	406 D	4	53.05	55.62	53.43
YPL016W	406 D	5	54.71	56.79	46.11
YPL020C	406 D	6	55.23	57.26	51.60
YPL028W	406 D	7	70.03	74.43	52.51
YPL043W	406 D	8	49.78	51.90	49.78
YPL044C	406 D	9	54.81	58.63	57.98
YPL063W	406 D	10	53.98	54.88	48.87
YPL075W	406 D	11	56.04	57.69	55.27
YPL076W	406 D	12	59.18	59.44	48.87
YPL082C	406 E	1	44.54	45.80	42.48
YPL083C	406 E	2	53.12	54.33	49.78
YPL085W	406 E	3	49.78	51.53	55.27
YPR105C	406 E	4	51.83	53.40	41.54
YPR107C	406 E	5	46.61	50.17	47.94
YPR108W	406 E	6	60.33	63.47	56.19
YPR110C	406 E	7	52.37	54.71	51.60
YPR112C	406 E	8	57.98	58.45	51.60
YPR113W	406 E	9	52.85	55.55	56.19
YPR133C	406 E	10	56.15	57.40	50.70
YPR136C	406 E	11	47.11	49.55	38.82

YPR137W	406 E	12	45.71	47.43	38.82
YPR142C	406 F	1	45.64	45.83	41.54
YPR143W	406 F	2	46.02	48.00	47.94
YPR144C	406 F	3	53.36	55.73	47.94
YPR161C	406 F	4	50.47	52.75	50.70
YPR162C	406 F	5	53.71	54.26	51.60
YPR165W	406 F	6	54.50	57.11	57.08
YPR168W	406 F	7	53.91	56.90	55.27
YPR169W	406 F	8	56.15	58.82	47.05
YPR175W	406 F	9	50.57	52.75	51.60
YPR176C	406 F	10	52.68	54.57	45.21
YPR177C	406 F	11	52.20	54.08	52.51
YPR178W	406 F	12	46.67	48.03	42.48
YPR180W	406 G	1	46.70	47.24	40.65
YPR181C	406 G	2	57.04	59.07	42.48
YPR182W	406 G	3	51.80	53.64	51.60
YPR183W	406 G	4	52.71	54.92	53.43
YPR186C	406 G	5	51.47	53.50	55.27
YPR187W	406 G	6	54.43	54.88	45.21
YPR190C	406 G	7	56.58	58.45	50.70
YCR093W	406 G	8	54.15	56.01	56.19
YER048W	406 G	9	42.68	46.33	48.87
YFR037C	406 G	10	52.65	54.81	55.27
YFR042W	406 G	11	53.91	54.71	49.78
YFR050C	406 G	12	53.09	54.33	45.21
YFR051C	406 H	1	44.39	45.55	41.54
YFR052W	406 H	2	56.33	58.12	47.94
YGR245C	406 H	3	51.37	53.12	51.60
YGR246C	406 H	4	51.50	51.26	44.30
YGR251W	406 H	6	51.90	53.98	51.60
YBL004W	406 H	7	47.24	49.26	47.05
YBL014C	406 H	8	52.04	51.97	47.94
YBL018C	406 H	9	48.58	50.50	46.11
YBL020W	406 H	10	51.06	52.54	52.51
YBL023C	406 H	11	54.95	55.20	48.87
YBL026W	406 H	12	52.71	54.26	50.70
YBL030C	407 A	1	48.58	49.94	49.78
YBL034C	407 A	2	47.46	49.19	38.82
YBL035C	407 A	3	46.14	48.48	47.05
YBL040C	407 A	4	41.98	43.58	44.30
YBL041W	407 A	5	45.71	47.62	43.40
YBL050W	407 A	6	42.45	44.24	40.65
YBL073W	407 A	8	40.68	43.22	45.21
YBL074C	407 A	9	37.89	40.79	42.48
YBL076C	407 A	10	49.06	50.30	47.94
YBL077W	407 A	11	41.80	43.79	40.65
YBL084C	407 A	12	38.05	40.19	41.54
YBL092W	407 B	1	44.97	46.70	46.11
YGL001C	407 B	2	56.76	57.19	50.70
YGL008C	407 B	3	46.64	49.00	49.78
YGL011C	407 B	4	48.16	50.40	47.94
YGL022W	407 B	5	51.57	52.48	52.51

YGL030W	407 B	6	49.61	50.50	45.21
YGL040C	407 B	7	45.52	47.30	47.94
YGL044C	407 B	8	50.20	50.27	46.11
YGL048C	407 B	9	51.40	53.12	49.78
YGL055W	407 B	10	52.07	53.98	49.78
YGL061C	407 B	11	50.34	52.27	46.11
YGL065C	407 B	12	53.60	56.12	47.94
YGL069C	407 C	1	49.55	49.52	44.30
YGL073W	407 C	2	49.39	51.30	26.03
YGL074C	407 C	3	52.95	54.33	48.87
YGL075C	407 C	4	46.77	49.45	39.71
YGL091C	407 C	5	50.07	52.04	47.05
YGL092W	407 C	6	45.64	48.61	53.43
YNL149C	407 C	7	52.65	53.81	53.43
YNL150W	407 C	8	49.19	50.63	52.51
YNL151C	407 C	9	48.48	50.70	46.11
YNL158W	407 C	10	47.33	49.61	51.60
YNL161W	407 C	11	49.55	51.83	53.43
YNL163C	407 C	12	48.64	50.34	45.21
YNL178W	407 D	1	43.19	46.14	43.40
YNL181W	407 D	2	48.35	50.67	49.78
YNL182C	407 D	3	54.22	54.78	51.60
YNL189W	407 D	4	49.52	50.40	50.70
YNL207W	407 D	5	56.76	57.40	52.51
YNL216W	407 D	6	49.42	52.54	54.36
YNL221C	407 D	7	47.46	49.32	47.05
YNL222W	407 D	8	53.74	55.20	50.70
YNL232W	407 D	9	51.94	54.40	46.11
YNL240C	407 D	10	55.62	56.97	51.60
YKL192C	407 D	11	50.47	51.94	53.43
YKL193C	407 D	12	53.53	54.15	46.11
YKL196C	407 E	1	46.17	48.38	47.94
YKL203C	407 E	2	47.94	49.84	50.70
YKL210W	407 E	3	45.86	48.74	42.48
YKR002W	407 E	4	49.71	51.50	48.87
YKR008W	407 E	5	49.06	51.20	47.94
YKR022C	407 E	6	49.32	50.87	48.87
YKR025W	407 E	7	48.03	50.14	41.54
YKR037C	407 E	8	48.84	51.57	52.51
YKR062W	407 E	9	45.92	47.81	48.87
YKR063C	407 E	10	45.52	48.48	50.70
YKL209C	407 E	11	54.78	57.29	51.60
YDR243C	407 E	12	49.97	51.50	47.94
YDR246W	407 F	1	44.06	46.30	44.30
YDR280W	407 F	2	43.19	45.80	48.87
YDR288W	407 F	3	51.47	53.09	47.94
YDR292C	407 F	4	46.58	48.61	47.05
YDR299W	407 F	5	55.34	56.22	54.36
YDR301W	407 F	6	50.57	51.67	49.78
YDR302W	407 F	7	51.67	53.12	53.43
YDR303C	407 F	8	48.77	50.93	51.60
YDR308C	407 F	9	46.08	48.51	48.87

YDR311W	407 F	10	47.94	49.35	47.05
YDR324C	407 F	11	61.75	63.01	51.60
YDR325W	407 F	12	49.39	51.20	50.70
YDR328C	407 G	1	49.06	49.81	51.60
YDR331W	407 G	2	58.63	61.68	47.94
YIL004C	407 G	3	69.46	71.63	56.17
YIL021W	407 G	4	59.22	58.12	52.51
YIL022W	407 G	5	51.26	52.24	47.94
YIL026C	407 G	6	48.71	50.87	44.30
YIL046W	407 G	7	50.30	51.67	54.36
YIL048W	407 G	8	47.46	50.14	52.51
YIL063C	407 G	9	51.53	53.40	56.19
YIL068C	407 G	10	50.73	52.20	46.11
YIL078W	407 G	11	55.41	54.92	51.60
YFL008W	407 G	12	44.39	46.36	38.82
YFL009W	407 H	1	48.22	48.80	46.11
YFL017C	407 H	2	43.43	46.58	44.30
YFL018W	407 H	3	41.63	44.63	49.78
YFL022C	407 H	4	46.92	48.93	50.70
YFL024C	407 H	6	48.67	50.57	49.78
YFL035C	407 H	7	44.91	47.40	45.21
YFL035C	407 H	8	44.00	47.65	50.70
YFL037W	407 H	9	47.74	49.09	49.78
YFL038C	407 H	10	45.55	48.10	47.94
YFL045C	407 H	11	40.22	43.31	47.94
YFR003C	407 H	12	44.51	46.86	43.40
YFR004W	408 A	1	54.36	54.64	47.05
YFR027W	408 A	2	51.57	51.97	47.05
YGR253C	408 A	3	43.88	45.12	40.65
YGR264C	408 A	4	42.51	43.79	42.48
YGR265W	408 A	5	49.78	50.50	47.05
YGR267C	408 A	6	46.20	46.77	42.48
YGR274C	408 A	7	49.48	52.99	47.05
YGR277C	408 A	9	43.40	44.69	39.71
YGR278W	408 A	10	44.94	46.64	44.30
YGR280C	408 A	11	60.66	58.23	46.11
YHR005C	408 A	12	45.61	46.45	45.21
YIR022W	408 B	1	49.61	49.84	48.87
YKR068C	408 B	2	59.88	62.32	51.60
YKR071C	408 B	3	47.08	49.22	49.78
YKR079C	408 B	4	52.48	54.26	49.78
YKR081C	408 B	5	48.51	50.37	48.87
YKR083C	408 B	6	60.40	61.38	47.05
YMR059W	408 B	7	51.23	52.44	46.11
YMR061W	408 B	8	44.15	46.14	42.48
YMR076C	408 B	9	51.06	52.88	47.05
YMR079W	408 B	10	47.27	48.51	47.94
YMR093W	408 B	11	49.03	49.84	42.48
YOL094C	408 B	12	52.78	53.64	53.43
YOL097C	408 C	1	48.80	50.77	43.40
YOL102C	408 C	2	50.67	52.44	48.87
YOL120C	408 C	3	51.16	51.60	47.94

YOL123W	408 C	4	50.34	51.87	47.94
YJL087C	408 C	5	47.14	50.01	49.78
YOL133W	408 C	6	51.63	54.12	45.21
YOL134C	408 C	7	53.53	53.98	50.70
YOL135C	408 C	8	44.30	46.17	44.30
YEL034W	408 C	9	42.74	44.54	47.05
YER093C	408 C	10	53.12	54.08	50.70
YER094C	408 C	11	52.14	53.22	42.48
YHR170W	408 C	12	46.95	48.77	46.11
YLR033W	408 D	1	43.19	44.30	41.54
YMR314W	408 D	2	52.44	54.67	51.60
YNL244C	408 D	3	46.23	48.96	50.70
YNL256W	408 D	4	50.53	52.61	49.78
YNL260C	408 D	5	50.30	51.10	47.05
YNL287W	408 D	6	51.30	53.16	50.70
YOL078W	408 D	7	47.46	49.22	51.60
YPL131W	408 D	8	50.47	51.94	43.40
YML091C	408 D	9	52.34	53.09	50.70
YML092C	408 D	10	49.42	50.67	49.78
YML093W	408 D	11	51.33	52.48	48.87
YML098W	408 D	12	53.09	53.46	50.70
YML105C	408 E	1	41.60	42.98	42.48
YML114C	408 E	2	50.34	52.51	53.43
YML125C	408 E	3	54.05	56.01	54.36
YML126C	408 E	4	52.31	53.50	52.51
YML127W	408 E	5	46.83	49.75	51.60
YML130C	408 E	6	53.36	55.16	48.87
YMR094W	408 E	7	51.13	52.24	51.60
YMR112C	408 E	8	53.05	54.40	49.78
YMR113W	408 E	9	50.67	51.53	46.11
YMR117C	408 E	10	48.48	50.14	47.94
YMR128W	408 E	11	51.23	52.58	51.60
YMR131C	408 E	12	46.20	48.03	46.11
YMR134W	408 F	1	50.01	51.13	52.51
YPR016C	408 F	2	50.47	52.27	47.05
YPR019W	408 F	3	48.42	51.40	49.78
YPR025C	408 F	4	43.49	46.83	48.87
YPR033C	408 F	5	50.97	51.94	43.40
YPR034W	408 F	6	51.23	53.02	47.05
YPR035W	408 F	7	49.16	51.00	52.51
YPR041W	408 F	8	49.19	51.53	51.60
YPR048W	408 F	9	56.76	58.60	47.05
YPR055W	408 F	10	51.70	53.19	36.99
YPR056W	408 F	11	51.50	52.61	50.70
YPR082C	408 F	12	46.02	47.14	47.05
YPR085C	408 G	1	48.29	48.06	39.71
YPR088C	408 G	2	49.78	51.80	50.70
YPR094W	408 G	3	52.04	52.37	51.60
YPR103W	408 G	4	47.21	50.47	53.43
YJL031C	408 G	5	51.10	51.47	45.21
YJL032W	408 G	6	50.70	52.27	47.94
YJL033W	408 G	7	48.90	49.97	49.78

YJL034W	408 G	8	50.90	51.97	52.51
YJL035C	408 G	9	52.85	53.81	52.51
YJL039C	408 G	10	43.13	45.03	43.40
YJL050W	408 G	11	53.81	55.59	55.27
YJL054W	408 G	12	47.87	49.48	47.94
YJL091C	408 H	1	51.47	56.08	63.47
YJL104W	409 A	1	42.39	45.82	48.87
YJL109C	409 A	2	40.41	43.26	52.51
YJL111W	409 A	3	46.20	49.67	40.64
YLR347C	409 A	4	46.02	48.90	46.12
YHR023W	409 A	5	60.92	60.40	55.25
YHR058C	409 A	6	45.07	47.71	49.78
YOL144W	409 A	7	50.00	53.48	59.82
YOL149W	409 A	8	45.48	48.05	26.94
YJR072C	409 A	10	49.54	51.70	51.61
YJR076C	409 A	11	45.17	48.45	53.43
YKR086W	409 A	12	46.45	49.01	56.17
YLR424W	409 B	1	46.63	50.14	54.35
YLR430W	409 B	2	45.09	48.02	52.51
YLR438C	409 B	3	50.06	52.58	47.04
YLR440C	409 B	4	46.65	49.45	55.25
YLR458W	409 B	5	52.23	53.90	56.17
YLR459W	409 B	6	45.85	48.77	32.42
YNR053C	409 B	7	45.71	48.65	47.95
YNR054C	409 B	8	46.54	49.11	51.61
YGL239C	409 B	9	54.92	55.83	53.43
YJR067C	409 B	10	47.26	49.11	47.04
YJR068W	409 B	11	44.39	47.00	29.68
YJR093C	409 B	12	47.19	50.41	52.51
YJR112W	409 C	1	44.48	47.47	52.51
YJR123W	409 C	2	42.58	44.68	27.86
YJR141W	409 C	3	49.77	51.70	48.87
YKL082C	409 C	4	46.28	49.42	52.51
YLR153C	409 C	5	54.42	56.21	29.68
YML031W	409 C	6	48.95	51.22	48.87
YML046W	409 C	7	47.89	49.90	53.43
YML085C	409 C	8	63.74	66.48	45.21
YNL267W	409 C	9	45.72	48.69	31.51
YDL193W	409 C	10	39.87	42.15	42.47
YDL195W	409 C	11	43.54	46.06	33.34
YDL196W	409 C	12	41.86	44.54	45.21
YDL205C	409 D	1	43.64	46.99	53.43
YDL207W	409 D	2	48.25	51.45	52.51
YDL208W	409 D	3	44.22	48.29	58.00
YDL209C	409 D	4	42.96	46.85	52.51
YDL212W	409 D	5	42.11	46.47	45.21
YDL217C	409 D	6	42.13	45.55	47.04
YDL220C	409 D	7	45.17	48.70	51.61
YDL221W	409 D	8	42.70	46.16	30.59
YDL235C	409 D	9	43.07	47.65	26.03
YDR002W	409 D	10	38.67	42.51	46.12
YDR013W	409 D	11	42.54	45.39	28.77

YDR016C	409 D	12	43.74	46.87	31.51
YDR021W	409 E	1	43.72	46.49	50.69
YDR023W	409 E	2	39.76	43.01	38.81
YDR037W	409 E	3	40.86	45.10	31.51
YDR044W	409 E	4	44.74	48.33	50.69
YDR045C	409 E	5	45.05	48.98	54.35
YDR047W	409 E	6	41.77	45.69	54.35
YCR035C	409 E	7	49.97	54.96	65.31
YCR052W	409 E	8	46.63	51.61	52.51
YDL097C	409 E	9	45.09	49.04	57.09
YDL098C	409 E	10	42.80	45.95	52.51
YDL102W	409 E	11	42.85	46.21	47.04
YDL103C	409 E	12	40.73	43.32	29.68
YDL105W	409 F	1	42.30	44.85	32.42
YDL108W	409 F	2	44.82	47.55	48.87
YDL111C	409 F	3	44.79	49.04	53.43
YDL120W	409 F	4	43.06	46.17	38.81
YDL126C	409 F	5	44.61	48.12	47.04
YDL132W	409 F	6	44.96	47.33	39.73
YDL139C	409 F	7	43.31	46.53	51.61
YDL140C	409 F	8	43.74	46.74	47.04
YDL141W	409 F	9	42.96	46.41	38.81
YDL143W	409 F	10	46.98	50.30	43.38
YDL145C	409 F	11	42.50	45.48	27.86
YDL147W	409 F	12	43.25	47.01	36.07
YDL148C	409 G	1	44.07	46.34	31.51
YDL150W	409 G	2	42.24	45.61	26.03
YDL152W	409 G	3	40.17	42.93	24.20
YDL153C	409 G	4	43.31	45.99	39.73
YDL163W	409 G	5	42.85	45.35	34.25
YDL164C	409 G	6	42.20	44.83	26.94
YDL165W	409 G	7	44.23	47.16	47.95
YDL166C	409 G	8	45.10	48.03	55.25
YJL002C	409 G	9	43.70	46.66	45.21
YJL005W	409 G	10	43.63	46.62	37.90
YJL008C	409 G	11	47.55	50.81	36.07
YJL009W	409 G	12	49.17	53.28	26.94
YJL010C	409 H	1	41.78	44.53	26.94
YJL011C	409 H	2	42.04	44.75	28.77
YJL014W	409 H	3	47.14	50.52	36.07
YJL015C	409 H	4	43.74	47.26	33.34
YJL018W	409 H	6	42.89	45.54	26.94
YJL019W	409 H	7	42.65	45.26	34.25
YJL025W	409 H	8	43.01	45.69	26.94
YJL026W	409 H	9	43.67	46.82	53.43
YJR002W	409 H	10	42.40	45.65	48.87
YJR006W	409 H	11	44.37	47.49	49.78
YJR007W	409 H	12	40.11	41.71	31.51
YJL143W	410 A	1	41.06	44.58	22.38
YJR013W	410 A	2	44.90	47.62	49.78
YJR016C	410 A	3	43.03	45.92	48.87
YJR017C	410 A	4	41.48	44.33	49.78

YJR023C	410 A	5	39.76	42.85	25.11
YJR041C	410 A	6	41.12	43.66	46.12
YJR042W	410 A	7	40.77	43.50	23.29
YJR045C	410 A	8	42.62	44.86	43.38
YJR046W	410 A	9	42.30	45.44	52.51
YJR057W	410 A	11	41.79	44.76	42.47
YJR064W	410 A	12	46.14	49.46	25.11
YJR065C	410 B	1	44.57	47.93	51.61
YGL093W	410 B	2	42.54	46.12	47.04
YGL097W	410 B	3	32.51	32.94	18.72
YDR267C	410 B	4	42.43	45.24	45.21
YDR327W	410 B	5	44.60	48.15	54.35
YGL239C	410 B	6	44.15	47.63	48.87
YCL053C	410 B	7	43.19	46.36	44.30
YIL091C	410 B	8	45.06	48.09	45.21
YIL083C	410 B	9	43.54	45.64	43.38
YIL075C	410 B	10	44.34	47.48	51.61
YIL062C	410 B	11	40.17	42.29	25.11
YIL061C	410 B	12	40.65	44.26	47.04
YIL031W	410 C	1	46.23	48.91	54.35
YIL019W	410 C	2	41.69	44.83	43.38
YIL003W	410 C	3	42.81	46.48	48.87
YNL002C	410 C	4	43.22	46.46	50.69
YNL006W	410 C	5	44.36	48.29	50.69
YNL007C	410 C	6	45.65	49.44	44.30
YNL026W	410 C	7	43.06	46.54	50.69
YNL038W	410 C	8	43.68	47.68	50.69
YNL039W	410 C	9	42.59	46.16	41.56
YNR003C	410 C	10	42.80	46.72	47.95
YNR016C	410 C	11	55.03	59.69	56.17
YNR017W	410 C	12	37.38	40.67	44.30
YNR026C	410 D	1	38.60	41.40	36.99
YNR035C	410 D	2	39.57	43.01	33.34
YNR038W	410 D	3	42.82	46.35	46.12
YNR043W	410 D	4	44.56	49.22	51.61
YNR046W	410 D	5	44.09	47.74	47.95
YBL097W	410 D	6	44.19	47.98	49.78
YBL105C	410 D	7	47.03	49.75	51.61
YJL167W	410 D	8	45.45	48.08	47.95
YHR020W	410 D	9	44.47	47.96	49.78
YBR011C	410 D	10	44.61	47.70	55.25
YBR017C	410 D	11	42.21	46.05	28.77
YBR029C	410 D	12	40.04	43.47	40.64
YBR038W	410 E	1	40.69	43.76	51.61
YBR039W	410 E	2	40.38	43.72	26.03
YBR049C	410 E	3	43.89	47.78	42.47
YBR055C	410 E	4	45.32	49.30	50.69
YBR060C	410 E	5	44.62	48.00	41.56
YBR061C	410 E	6	45.97	49.18	47.04
YBR070C	410 E	7	46.31	49.95	53.43
YBR079C	410 E	8	47.25	51.20	29.68
YNL132W	410 E	9	44.02	47.32	50.69

YNL131W	410 E	10	45.21	49.12	47.04
YNL126W	410 E	11	49.31	53.81	60.73
YNL124W	410 E	12	37.45	40.60	41.56
YNL118C	410 F	1	43.06	45.78	26.03
YNL113W	410 F	2	39.17	42.47	47.04
YNL114C	410 F	3	45.27	48.80	49.78
YNL112W	410 F	4	45.89	49.50	55.25
YNL110C	410 F	5	46.46	50.37	50.69
YNL088W	410 F	6	42.09	45.87	50.69
YNL075W	410 F	7	48.68	51.66	52.51
YNL062C	410 F	8	41.74	44.43	33.34
YIL104C	410 F	9	44.72	48.22	49.78
YIL106W	410 F	10	43.58	46.39	43.38
YIL109C	410 F	11	41.90	44.23	31.51
YIL118W	410 F	12	51.16	52.89	26.94
YIL126W	410 G	1	44.50	47.60	35.16
YIL142W	410 G	2	47.27	50.38	52.51
YIL143C	410 G	3	41.60	44.14	43.38
YIL144W	410 G	4	43.42	46.73	52.51
YIL147C	410 G	5	45.13	48.73	33.34
YIL150C	410 G	6	42.49	45.24	46.12
YIL171W	410 G	7	42.97	45.83	38.81
YIR006C	410 G	8	43.78	47.03	50.69
YIR008C	410 G	9	43.29	46.51	32.42
YIR010W	410 G	10	43.59	47.31	55.25
YIR011C	410 G	11	43.15	45.89	45.21
YIR012W	410 G	12	42.78	45.80	52.51
YGR024C	410 H	1	42.00	44.72	42.47
YGR046W	410 H	2	41.13	43.95	47.95
YGR048W	410 H	3	39.17	41.76	44.30
YGR082W	410 H	4	42.13	45.34	47.95
YGR116W	410 H	6	44.57	47.15	37.90
YJL174W	410 H	7	40.83	43.46	26.94
YHL015W	410 H	8	40.97	42.80	35.16
YER018C	410 H	9	42.50	45.30	32.42
YKL195W	410 H	10	43.24	45.68	27.86
YBR102C	410 H	11	43.90	46.14	33.34
YKR004C	410 H	12	41.15	44.16	25.11
YKR038C	411 A	1	42.78	45.55	49.78
YMR005W	411 A	2	45.45	47.55	50.69
YDR041W	411 A	3	44.97	47.55	32.42
YFL002C	411 A	4	52.74	54.73	47.95
YMR047C	411 A	5	44.44	47.07	45.21
YNL061W	411 A	6	42.03	44.18	44.30
YNL126W	411 A	7	47.29	51.31	48.87
YNL137C	411 A	8	39.47	42.74	47.04
YIL033C	411 A	9	45.50	47.62	46.12
YJR022W	411 A	10	41.50	44.62	47.04
YMR185W	411 A	12	42.93	46.12	52.51
YOR272W	411 B	1	43.78	46.63	47.04
YCL041C	411 B	2	44.45	47.76	48.87
YCR012W	411 B	3	44.05	47.17	53.43

YCR013C	411 B	4	42.79	46.05	48.87
YDR050C	411 B	5	43.50	46.69	45.21
YDR427W	411 B	6	47.06	50.35	51.61
YLR186W	411 B	7	43.55	46.55	31.51
YLR215C	411 B	8	43.75	46.60	49.78
YML015C	411 B	9	42.46	45.42	50.69
YML023C	411 B	10	44.21	46.92	51.61
YML077W	411 B	11	44.72	47.36	49.78
YMR033W	411 B	12	40.35	43.54	28.77
YPL146C	411 C	1	44.59	46.35	35.16
YCR072C	411 C	2	42.48	45.25	47.95
YCR057C	411 C	3	43.38	46.78	46.12
YCR054C	411 C	4	42.02	45.03	22.38
YBR121C	411 C	5	49.55	51.79	53.43
YBR088C	411 C	6	43.52	46.56	50.69
YBR087W	411 C	7	43.45	46.73	47.04
YBR080C	411 C	8	44.30	47.00	46.12
YDL003W	411 C	9	46.06	48.74	47.95
YDL004W	411 C	10	44.62	47.37	47.04
YDL007W	411 C	11	85.01	92.86	79.91
YDL008W	411 C	12	51.15	52.16	50.69
YDL014W	411 D	1	44.11	46.77	27.86
YDL015C	411 D	2	45.01	47.44	34.25
YDL016C	411 D	3	46.06	48.40	50.69
YDL017W	411 D	4	46.59	49.86	47.95
YDL028C	411 D	5	45.84	48.52	47.95
YDL029W	411 D	6	48.20	51.39	51.61
YDL030W	411 D	7	46.48	49.41	47.95
YDL043C	411 D	8	44.50	47.23	50.69
YDL045C	411 D	9	45.20	48.21	52.51
YDL055C	411 D	10	45.64	48.23	48.87
YDL060W	411 D	11	44.91	47.78	48.87
YDL064W	411 D	12	41.19	43.74	42.47
YDL084W	411 E	1	42.79	45.63	53.43
YDL087C	411 E	2	44.86	47.87	43.38
YDL092W	411 E	3	47.36	50.57	47.04
YBR081C	411 E	4	43.85	47.29	55.25
YBR082C	411 E	5	43.81	47.54	47.95
YBR085W	411 E	6	46.85	50.06	52.51
YBR086C	411 E	7	45.77	49.30	42.47
YBR087W	411 E	8	45.23	48.40	50.69
YBR089W	411 E	9	46.14	49.67	51.61
YBR091C	411 E	10	48.20	50.51	46.12
YBR095C	411 E	11	45.32	47.97	35.16
YBR096W	411 E	12	42.14	44.62	48.87
YBR097W	411 F	1	42.98	45.97	46.12
YBR109C	411 F	2	45.35	48.30	51.61
YBR110W	411 F	3	49.20	52.55	48.87
YER008C	411 F	4	45.80	49.23	50.69
YBR117C	411 F	5	44.97	48.09	51.61
YBR118W	411 F	6	46.42	49.46	58.00
YBR123C	411 F	7	44.16	46.87	49.78

YBR124W	411 F	8	43.73	47.08	26.03
YBR135W	411 F	9	49.29	52.32	55.25
YBR136W	411 F	10	47.65	51.56	53.43
YBR140C	411 F	11	50.07	52.95	52.51
YBR142W	411 F	12	40.90	43.72	40.64
YBR143C	411 G	1	44.38	46.93	37.90
YBR152W	411 G	2	43.85	46.26	32.42
YBR153W	411 G	3	46.41	48.88	44.30
YBR154C	411 G	4	39.32	40.30	28.77
YBR155W	411 G	5	44.70	47.55	47.04
YDL158C	411 G	6	45.74	48.27	52.51
YBR160W	411 G	7	48.18	51.93	52.51
YBR165W	411 G	8	44.57	47.13	47.04
YBR167C	411 G	9	45.56	47.91	42.47
YDR437W	411 G	10	45.45	47.38	48.87
YDR449C	411 G	11	44.90	47.42	50.69
YDR454C	411 G	12	41.61	43.39	35.16
YDR460W	411 H	1	42.79	45.32	37.90
YDR464W	411 H	2	43.90	45.93	39.73
YDR468C	411 H	3	46.41	48.80	46.12
YDR472W	411 H	4	42.75	46.00	48.87
YDR473C	411 H	6	43.10	45.48	51.61
YDR478W	411 H	7	43.72	46.48	30.59
YDR487C	411 H	8	42.56	44.81	33.34
YDR489W	411 H	9	43.85	46.63	36.99
YDR499W	411 H	10	46.14	47.10	36.99
YDR510W	411 H	11	45.17	47.60	35.16
YDR527W	411 H	12	42.91	44.96	31.51
YNL245C	412 A	1	41.98	44.93	47.04
YGL098W	412 A	2	42.86	45.29	36.99
YGL099W	412 A	3	42.66	45.10	49.78
YGL102C	412 A	4	41.84	44.17	47.04
YGL103W	412 A	5	42.71	44.71	47.95
YGL111W	412 A	6	39.44	42.05	44.30
YGL112C	412 A	7	44.64	47.70	42.47
YGL113W	412 A	8	41.91	44.91	52.51
YGL116W	412 A	9	41.78	44.53	47.04
YGL120C	412 A	10	43.74	46.47	49.78
YGL122C	412 A	11	41.84	44.78	47.95
YGL123W	412 B	1	43.35	44.85	34.25
YGL128C	412 B	2	45.04	47.45	47.04
YGL130W	412 B	3	46.90	48.48	47.95
YGL137W	412 B	4	46.80	49.45	37.90
YGL142C	412 B	5	48.02	50.70	51.61
YGL145W	412 B	6	46.31	49.15	49.78
YGL150C	412 B	7	49.63	52.45	58.00
YGL155W	412 B	8	46.66	50.04	48.87
YGL169W	412 B	9	45.56	48.43	35.16
YGL171W	412 B	10	46.17	48.58	56.17
YGL172W	412 B	11	42.75	44.79	46.12
YER104W	412 B	12	45.32	47.62	50.69
YER107C	412 C	1	50.32	51.64	37.90

YER112W	412 C	2	48.67	50.84	44.30
YER125W	412 C	3	52.11	54.51	49.78
YER126C	412 C	4	49.73	51.26	48.87
YER127W	412 C	5	46.98	49.15	51.61
YER133W	412 C	6	47.91	49.30	46.12
YER136W	412 C	7	48.48	50.67	50.69
YER146W	412 C	8	50.50	51.92	51.61
YER147C	412 C	9	49.27	50.74	49.78
YER148W	412 C	10	46.42	48.72	50.69
YER157W	412 C	11	46.91	49.11	50.69
YER159C	412 C	12	44.83	46.88	36.07
YER165W	412 D	1	48.36	50.40	44.30
YER168C	412 D	2	45.34	47.84	49.78
YER171W	412 D	3	52.44	53.77	53.43
YER172C	412 D	4	59.92	60.94	54.35
YMR049C	412 D	5	50.58	52.11	49.78
YGL018C	412 D	6	48.84	51.67	56.17
YIL115C	412 D	7	47.18	48.94	47.95
YGL047W	412 D	8	64.86	64.05	65.50
YGL068W	412 D	9	46.69	48.53	38.81
YNL018C	412 D	10	44.46	46.75	46.12
YIL129C	412 D	11	50.08	51.00	42.47
YPR010C	412 D	12	47.06	48.36	47.04
YOL146W	412 E	1	52.09	52.41	44.30
YOL139C	412 E	2	51.95	54.08	50.69
YMR108W	412 E	3	54.70	55.16	47.04
YML069W	412 E	4	51.99	54.13	43.38
YLR457C	412 E	5	49.02	50.79	47.04
YJL125C	412 E	6	50.58	52.55	46.12
YJL097W	412 E	7	51.51	53.02	48.87
YJL041W	412 E	8	50.04	51.65	51.61
YGR145W	412 E	9	46.51	48.44	51.61
YFR031C	412 E	10	49.73	51.23	52.51
YFR029W	412 E	11	46.24	48.51	51.61
YFR028C	412 E	12	45.15	47.14	47.04
YFL039C	412 F	1	52.21	53.99	38.81
YIL051C	412 F	2	47.07	48.69	44.30
YIR015W	412 F	3	48.81	50.51	48.87
YDL031W	412 F	4	46.11	48.89	47.04
YDL058W	412 F	5	47.72	50.06	46.12
YDR498C	412 F	6	49.07	51.24	52.51
YDR526C	412 F	7	64.25	67.47	65.31
YFL005W	412 F	8	47.46	49.86	54.35
YGL097W	412 F	9	45.94	47.61	28.77
YNL188W	412 F	10	46.97	49.56	45.21
YNL172W	412 F	11	47.67	50.15	50.69
YNL162W	412 F	12	41.69	43.66	33.34
YNL156C	412 G	1	44.27	46.23	33.34
YFR005C	412 G	2	48.75	50.03	43.38
YOL130W	412 G	3	47.16	49.30	52.51
YFL029C	412 G	4	51.07	52.64	46.12
YFR002W	412 G	5	51.99	53.49	50.69

YNL103W	412 G	6	46.23	47.25	46.12
YNR011C	412 G	7	48.16	50.54	47.95
YPL217C	412 G	8	52.85	54.53	43.38
YPR086W	412 G	9	56.48	57.69	53.43
YPR104C	412 G	10	43.40	45.74	28.77
YMR165C	412 G	11	43.23	46.31	47.95
YNL152W	412 G	12	46.29	47.48	48.87
YMR217W	412 H	1	48.34	49.85	43.38
YMR227C	412 H	2	49.93	51.50	49.78
YMR277W	412 H	3	47.18	49.27	50.69
YNL317W	412 H	4	47.75	48.74	41.56
YNL313C	412 H	6	47.38	49.16	46.12
YNL312W	412 H	7	46.89	49.02	49.78
YNL310C	412 H	8	46.58	49.15	50.69
YNL308C	412 H	9	47.77	49.06	46.12
YNL306W	412 H	10	49.49	50.52	47.95
YNL298W	412 H	11	46.10	48.02	39.73
YNL290W	412 H	12	47.63	49.36	49.78
YNL282W	413 A	1	43.41	46.05	50.69
YNL277W	413 A	2	42.19	44.63	46.12
YNL276C	413 A	3	46.60	47.99	47.95
YNL272C	413 A	4	49.51	50.52	50.69
YNL263C	413 A	5	48.06	49.72	47.04
YNL261W	413 A	6	44.46	46.56	43.38
YNL258C	413 A	7	44.40	46.46	51.61
YNL247W	413 A	8	40.99	43.78	47.95
YNL243W	413 A	9	44.16	45.85	45.21
YNL241C	413 A	10	42.42	44.88	45.21
YNL218W	413 A	11	40.95	43.55	48.87
YNL213C	413 A	12	41.46	43.99	48.87
YDR475C	413 B	1	48.50	50.69	35.16
YNL180C	413 B	2	48.27	51.24	41.56
YNL171C	413 B	3	49.68	52.17	47.04
YOL166C	413 B	4	49.28	53.70	50.69
YGL093W	413 B	5	46.18	48.60	35.16
YFL060C	413 B	6	48.31	49.92	31.51
YNL050C	413 B	7	46.77	49.37	31.51
YNR023W	413 B	8	47.33	49.45	47.04
YNL102W	413 B	9	43.67	45.80	31.51
YBL103C	413 B	10	45.29	47.44	49.78
YBR021W	413 B	11	49.49	51.93	54.35
YKL194C	413 B	12	40.94	43.66	46.12
YDR483W	413 C	2	43.72	46.77	47.04
YDR521W	413 C	3	48.74	51.58	51.61
YER014W	413 C	4	42.72	45.54	35.16

Average	50.84	52.34	46.92
Std Dev	6.63	5.77	8.91

Supplemental Table S2

YEL024W	311 g	10	33.01	34.83	18.71	petite
YGR165W	313 b	8	43.96	36.66	17.81	petite
YHR038W	314 b	1	33.56	35.46	34.24	petite
YKL138C	317 e	6	31.56	33.44	18.71	petite
YJL166W	319 d	3	31.90	33.84	33.33	petite
YLR260W	320 e	10	33.76	35.02	19.63	petite
YML110C	330 h	9	31.35	32.66	26.93	petite
YJL102W	332 b	10	34.50	36.19	22.37	petite
YHR008C	332 g	5	37.29	37.94	28.78	petite
YDL176W	337 c	1	35.60	38.48	20.55	petite
YPL078C	338 c	7	35.96	37.45	28.77	petite
YOR125C	338 D	4	37.29	39.93	21.46	petite
YOR150W	338 d	6	34.57	36.68	18.72	petite
YOR158W	338 D	8	66.2	71.77	85.4	petite
YIL047C	338 E	6	40.26	42.22	38.81	petite
YIL067C	338 F	1	44.3	46.38	51.61	petite
YGL218W	338 g	5	33.95	34.65	20.55	petite
YNL003C	338 H	10	33.39	34.62	19.63	petite
YNL005C	338 h	12	31.84	33.94	21.46	petite
YNR036C	339 d	12	32.68	35.21	20.55	petite
YNR037C	339 e	1	33.58	36.51	41.56	petite
YNR041C	339 e	4	35.28	37.46	17.81	petite
YNR042W	339 e	5	35.81	38.23	22.38	petite
YNR045W	339 e	6	35.93	38.83	19.63	petite
YBL099W	339 e	12	33.77	36.7	39.73	petite
YBL100C	339 f	1	33.03	35.18	41.56	petite
YBR037C	340 A	1	44.15	44.48	43.40	petite
YIL125W	340 E	7	53.60	55.20	46.11	petite
YNL064C	341 C	3	48.75	52.00	57.09	petite
YBR112C	342 E	8	74.09	87.11	60.74	petite
YCR028C-	342 g	1	33.21	34.40	30.58	petite
YCR084C	342 H	4	52.75	56.72	40.65	petite
YLR382C	343 A	10	37.50	39.60	35.17	petite
YPL148C	343 C	8	37.94	39.63	40.65	petite
YNL315C	343 E	9	37.94	40.00	36.06	petite
YFR019W	343 G	6	40.39	43.34	22.37	petite
YLR439W	344 a	2	32.56	34.47	22.37	petite
YLR439W	344 d	12	31.59	33.21	20.54	petite
YDL068W	345 f	2	34.89	36.88	39.71	petite
YDL069C	345 f	3	34.73	36.78	34.24	petite
YDR462W	346 a	9	33.51	35.17	37.91	petite
YDR529C	346 e	5	35.93	36.67	36.99	petite
YGL107C	346 e	12	34.89	36.72	37.91	petite
YGL129C	346 g	1	33.18	35.61	37.91	petite
YER153C	347 e	7	35.61	37.34	36.06	petite
YJR034W	347 h	5	34.58	36.30	26.03	petite
YDL067C	348 b	7	34.91	36.64	42.48	petite
YGR255C	348 e	9	32.59	33.64	17.81	petite

YPL013C	370 a	1	31.73	30.79	26.03	petite
YPL005W	370 a	2	34.58	36.78	25.11	petite
YHR147C	370 a	3	34.66	34.68	20.55	petite
YBL007C	370 a	4	28.34	26.89	22.38	petite
YBL038W	370 a	5	30.74	32.33	18.72	petite
YBL045C	370 a	6	41.64	39.39	23.29	petite
YBL080C	370 a	7	33.16	33.22	29.68	petite
YBL090W	370 a	8	32.59	33.39	34.25	petite
YBL093C	370 a	9	95.3	105	74.44	petite
YBR251W	370 a	10	33.54	33.85	24.2	petite
YBR268W	370 a	11	30.49	31.74	27.86	petite
YDR175C	370 a	12	30.12	31.13	17.81	petite
YDR194C	370 b	1	28.59	29.31	28.77	petite
YDR197W	370 b	2	28.33	30.03	32.42	petite
YDR204W	370 b	3	26.74	27.63	26.94	petite
YDR230W	370 b	4	28.02	29.82	29.68	petite
YDR231C	370 b	5	30.01	30.9	28.77	petite
YDR237W	370 b	6	28.47	29.81	29.68	petite
YDR268W	370 b	7	28.26	27.6	18.72	petite
YDR296W	370 b	8	31.53	32	32.42	petite
YDR298C	370 b	9	31.17	31.9	28.77	petite
YDR322W	370 b	10	30.34	31.22	28.77	petite
YDR332W	370 b	11	32.69	32.76	32.42	petite
YDR337W	370 b	12	37.21	35.89	33.34	petite
YDL107W	370 c	1	29.03	30.41	34.25	petite
YDL198C	370 c	2	32.53	34.06	22.38	petite
YDL202W	370 c	3	35.18	36.34	31.51	petite
YDR065W	370 c	4	26.31	27.31	12.33	petite
YDR079W	370 c	5	35.92	36.69	21.46	petite
YDR114C	370 c	6	35.44	36.2	20.55	petite
YDR115W	370 c	7	27.95	28.56	19.63	petite
YLR139C	370 c	8	29.03	30.21	19.63	petite
YLR149C	370 c	9	30.57	31.63	19.63	petite
YLR201C	370 c	10	26.69	27.86	26.03	petite
YLR202C	370 c	11	26.36	26.95	17.81	petite
YLR203C	370 c	12	28.32	30.14	31.51	petite
YDR347W	370 d	1	35.36	35.4	32.42	petite
YDR350C	370 d	2	30.22	31.11	23.29	petite
YDR377W	370 d	3	32.41	34.02	32.42	petite
YDR405W	370 d	4	35.46	36.74	25.11	petite
YGR062C	370 d	5	33.34	34.05	24.2	petite
YGR076C	370 d	6	28.55	29.39	28.77	petite
YGR101W	370 d	7	31.54	32.53	16.89	petite
YGR102C	370 d	8	26.88	28.19	27.86	petite
YGR150C	370 d	9	26.11	27.34	23.29	petite
YGR171C	370 d	10	29.2	30.12	29.68	petite
YGR180C	370 d	11	67.13	75.78	87.23	petite
YGR215W	370 d	12	30.29	31.27	15.99	petite
YKL003C	370 e	1	34.87	36.57	20.55	petite
YKL016C	370 e	2	27.78	28.69	28.77	petite
YKL080W	370 e	3	37.19	38.55	20.55	petite
YKL134C	370 e	4	37.14	38.2	25.11	petite

YKL155C	370 e	5	25.6	25.89	23.29	petite
YKL169C	370 e	6	30.7	32.06	20.55	petite
YKL170W	370 e	7	33.35	34.39	25.11	petite
YKR006C	370 e	8	29.33	30.42	15.07	petite
YLR239C	370 e	9	47.16	48.98	42.47	petite
YLR295C	370 e	10	30.23	31.47	11.41	petite
YLR304C	370 e	11	42.45	46.29	47.04	petite
YLR312W-	370 e	12	28.56	29.32	14.16	petite
YLR369W	370 f	1	28.4	29.2	26.94	petite
YPR047W	370 f	2	29.47	30.78	20.55	petite
YPR099C	370 f	3	33.56	35.41	11.41	petite
YPR100W	370 f	4	43.45	45.63	26.03	petite
YPR116W	370 f	5	28.47	29.14	25.11	petite
YPR123C	370 f	6	27.27	28.04	12.33	petite
YPR124W	370 f	7	28.01	29.76	10.5	petite
YPR166C	370 f	8	28.58	30.05	31.51	petite
YFL036W	370 f	9	29.62	30.85	21.46	petite
YBR282W	370 f	11	46.99	50.17	43.38	petite
YCR024C	370 f	12	33.74	35.12	22.38	petite
YGR219W	370 g	1	31.77	32.8	20.55	petite
YGR220C	370 g	2	26.98	27.52	27.86	petite
YGR222W	370 g	3	27.82	28.9	30.59	petite
YIR021W	370 g	4	27.91	29.06	27.86	petite
YLL018C-/	370 g	5	28.37	30.7	33.34	petite
YMR064W	370 g	6	31.53	33.76	36.07	petite
YMR066W	370 g	7	29.34	30.18	21.46	petite
YMR089C	370 g	8	24.2	22.35	11.41	petite
YOL095C	370 g	9	27.17	28.04	23.29	petite
YER077C	370 g	10	25.31	26.05	13.25	petite
YHR168W	370 g	11	28.53	29.96	28.77	petite
YLR038C	370 g	12	45.31	48.21	51.61	petite
YMR158W	370 h	2	29.72	29.08	27.86	petite
YNL252C	370 h	3	28	29.24	26.94	petite
YPL132W	370 h	4	27.85	28.74	30.59	petite
YML129C	370 h	5	32.13	33.79	32.42	petite
YMR097C	370 h	6	27.14	27.66	18.72	petite
YMR098C	370 h	7	27.55	28.51	28.77	petite
YJL022W	370 h	8	27.39	28.3	26.94	petite
YJL023C	370 h	9	26.97	27.91	26.03	petite
YGL218W	370 h	10	30.42	32.01	16.89	petite
YJR077C	370 h	11	47.96	48.33	40.64	petite
YJR113C	370 h	12	29.45	30.88	36.07	petite
YER017C	371 a	1	35.57	34.83	19.63	petite
YER050C	371 a	2	30.47	31.65	32.42	petite
YER058W	371 a	3	33.44	33.64	31.51	petite
YEL050C	371 a	4	32.86	32.75	15.89	petite
YAL039C	371 a	5	32.95	34.08	24.2	petite
YML061C	371 a	6	32.72	32.83	32.42	petite
YMR021C	371 a	7	35.84	37.14	28.77	petite
YMR035W	371 a	8	32.53	32.51	29.68	petite
YMR151W	371 a	9	28.18	29.13	31.51	petite
YMR150C	371 a	10	26.1	27.52	26.03	petite

YMR188C	371 a	11	30.24	30.74	20.55	petite
YMR193W	371 a	12	29.65	30.31	25.11	petite
YMR228W	371 b	1	30.04	31.08	17.08	petite
YMR256C	371 b	2	26.65	29.63	27.86	petite
YMR257C	371 b	3	32.95	33.47	30.59	petite
YMR267W	371 b	4	34.85	36.01	20.55	petite
YMR282C	371 b	5	33.67	35.14	37.9	petite
YMR286W	371 b	6	29.65	30.39	26.03	petite
YMR287C	371 b	7	31.76	33.63	18.72	petite
YMR293C	371 b	8	38.51	38.56	33.34	petite
YHL038C	371 b	9	30.92	32.9	35.16	petite
YHR011W	371 b	10	25.76	26.33	26.03	petite
YPL215W	371 b	11	35.78	36.57	38.81	petite
YJL209W	371 b	12	31.96	32.4	34.25	petite
YJL180C	371 c	1	33.78	34.04	33.34	petite
YJL096W	371 c	2	42.25	46.33	28.77	petite
YJL063C	371 c	3	35.61	37.07	20.55	petite
YJL046W	371 c	4	46.31	46.71	41.56	petite
YIL093C	371 c	5	26.16	27.1	28.77	petite
YLL006W	371 c	6	29.19	30.31	18.72	petite
YLL009C	371 c	7	27.15	28.14	27.86	petite
YLL027W	371 c	8	39.63	42.14	30.59	petite
YLL033W	371 c	9	35.42	36.43	21.46	petite
YOR330C	371 c	10	27.22	28.33	30.59	petite
YOL009C	371 c	11	27.89	28.93	18.72	petite
YOL023W	371 c	12	32.61	34.16	20.55	petite
YOR065W	371 d	1	29.45	30.21	21.46	petite
YHR051W	371 d	2	27.5	28.45	30.59	petite
YHR091C	371 d	3	26.57	27.54	26.94	petite
			33.71	35.08	28.40	

Supplemental Table S3

YAL010C	372 a	11	35.17	35.72	23.29	QC Failure
YAL012W	380 f	6	38.75	39.50	40.64	QC Failure
YAL044C	372 a	12	43.49	44.78	47.94	QC Failure
YAL047C	334 A	9	83.73	74.86	62.56	QC Failure
YBL021C	380 c	8	38.79	37.46	26.03	QC Failure
YBL033C	372 b	11	49.42	51.53	45.21	QC Failure
YBR002C	481 a	4	33.38	36.67	40.64	QC Failure
YBR003W	381 a	4	35.08	37.70	38.81	QC Failure
YBR004C	481 a	5	37.87	39.88	38.81	QC Failure
YBR035C	372 d	4	56.43	60.14	46.11	QC Failure
YBR078W	381 a	5	55.50	59.09	39.73	QC Failure
YBR163W	345 B	11	34.65	36.91	37.91	QC Failure
YBR171W	372 e	12	59.92	62.28	31.52	QC Failure
YCR002C	380 c	9	61.75	67.33	64.39	QC Failure
YCR003W	380 c	10	28.73	28.98	9.59	QC Failure
YCR044C	372 c	1	43.22	43.82	34.24	QC Failure
YCR046C	381 a	10	36.21	38.66	40.64	QC Failure
YCR053W	342 G	7	49.97	52.71	48.87	QC Failure
YCR064C	470 a	1	42.36	44.89	22.38	QC Failure
YDL044C	372 e	10	34.76	36.46	36.06	QC Failure
YDL045W-	372 e	7	55.51	59.59	61.64	QC Failure
YDL051W	372 e	6	48.42	50.67	49.78	QC Failure
YDL056W	372 e	1	43.82	47.21	48.87	QC Failure
YDL119C	380 d	2	49.74	50.48	38.81	QC Failure
YDR007W	341 C	7	49.09	51.33	27.86	QC Failure
YDR127W	380 d	3	51.65	53.48	50.69	QC Failure
YDR137W	380 d	4	47.25	49.86	43.38	QC Failure
YDR158W	380 c	11	46.75	47.65	34.25	QC Failure
YDR234W	380 c	12	50.60	52.49	44.30	QC Failure
YDR281C	380 d	1	32.06	32.33	21.46	QC Failure
YDR359C	311 B	1	87.44	79.93	62.56	QC Failure
YDR369C	311 B	6	80.73	71.80	58.91	QC Failure
YDR372C	372 b	3	45.58	46.83	32.42	QC Failure
YDR375C	311 B	11	32.94	35.43	37.91	QC Failure
YDR408C	380 d	7	52.50	55.20	54.35	QC Failure
YDR518W	372 e	2	37.23	39.91	43.40	QC Failure
YDR531W	481 a	6	44.49	46.42	32.42	QC Failure
YDR532C	372 f	2	65.80	68.44	54.36	QC Failure
YEL036C	372 a	3	69.13	76.07	11.41	QC Failure
YEL072W	380 a	8	61.93	66.64	27.86	QC Failure
YER010C	380 a	9	48.75	51.97	51.61	QC Failure
YER014C-	372 a	4	46.89	49.16	36.99	QC Failure
YER014W	380 a	10	35.59	37.02	25.11	QC Failure
YER016W	380 f	11	69.70	78.26	10.50	QC Failure
YER032W	372 c	9	47.05	49.09	46.11	QC Failure
YER052C	380 a	1	54.51	56.43	47.04	QC Failure
YER054C	380 a	2 NA	NA	NA		QC Failure
YER061C	380 a	3	42.62	40.15	16.89	QC Failure

YER068C-	380 a	4	48.81	52.53	36.99	QC Failure
YER068W	372 b	4	42.27	43.64	26.03	QC Failure
YER069W	380 a	5	51.08	55.92	56.17	QC Failure
YER070W	380 a	6 NA	NA	NA		QC Failure
YER086W	380 a	7	52.55	56.95	50.69	QC Failure
YER087W	372 d	7	33.11	35.17	37.91	QC Failure
YER090W	380 f	1	50.82	52.29	41.56	QC Failure
YER091C	380 f	2	52.13	54.02	47.95	QC Failure
YER154W	372 e	9	35.25	37.18	36.99	QC Failure
YER156C	372 e	8	52.95	55.55	46.11	QC Failure
YER163C	372 e	3	51.83	53.53	46.11	QC Failure
YFL016C	372 f	5	38.60	40.97	44.30	QC Failure
YFR019W	344 C	4 NA	NA	NA		QC Failure
YFR030W	343 G	9	48.32	50.80	47.94	QC Failure
YGL026C	380 d	6	41.36	41.44	31.51	QC Failure
YGL038C	372 c	5	35.54	33.56	9.58	QC Failure
YGL064C	372 c	6	42.10	42.63	40.65	QC Failure
YGL071W	372 c	7	48.19	51.00	45.21	QC Failure
YGL081W	372 c	8	48.16	50.37	46.11	QC Failure
YGL095C	372 c	3	55.02	57.76	61.64	QC Failure
YGL135W	346 G	5	36.80	37.64	19.63	QC Failure
YGL143C	372 f	1	33.33	35.67	34.24	QC Failure
YGL163C	372 e	11	56.36	56.47	40.65	QC Failure
YGL206C	380 d	8	56.78	61.80	32.42	QC Failure
YGL223C	380 d	9	34.09	32.81	26.03	QC Failure
YGL234W	380 d	10	52.95	55.84	50.69	QC Failure
YGL236C	380 d	11	41.46	42.30	33.34	QC Failure
YGL251C	380 d	12	31.83	31.32	19.63	QC Failure
YGR061C	380 e	1	52.19	56.22	12.33	QC Failure
YGR155W	343 A	1	42.95	46.36	44.30	QC Failure
YGR167W	313 B	10	93.10	89.12	17.81	QC Failure
YGR204W	380 f	3	59.73	63.03	58.91	QC Failure
YGR229C	324 C	10	31.13	28.69	23.29	QC Failure
YGR257C	372 f	6	33.69	35.77	36.06	QC Failure
YGR262C	372 d	5	60.03	60.44	10.50	QC Failure
YHL031C	380 b	1	48.26	51.25	40.64	QC Failure
YHR007C	481 a	9	45.65	49.04	26.94	QC Failure
YHR025W	380 f	4	51.95	53.75	45.21	QC Failure
YHR120W	371 d	4	29.56	30.13	28.77	QC Failure
YHR191C	330 B	12	76.50	83.60	57.09	QC Failure
YIL015C-A	372 c	4	34.45	36.27	22.37	QC Failure
YIL018W	372 d	2	36.99	39.49	39.71	QC Failure
YIL039W	380 b	8	33.75	33.13	27.86	QC Failure
YIL094C	372 e	5	48.58	50.63	49.78	QC Failure
YIL097W	380 b	9	37.75	37.75	28.77	QC Failure
YIL103W	381 a	6	36.06	36.41	26.94	QC Failure
YIR004W	372 e	4	46.70	48.93	45.21	QC Failure
YIR034C	380 e	8	51.46	53.07	39.73	QC Failure
YJL003W	372 c	2	40.08	41.89	44.30	QC Failure
YJL007C	380 f	5	33.78	33.40	20.55	QC Failure
YJL075C	372 d	6	58.82	60.29	51.60	QC Failure
YJL088W	380 b	7	49.89	50.61	43.38	QC Failure

YJL090C	480 a	10	46.62	48.62	28.77	QC Failure
YJL138C	380 b	6	47.52	47.88	32.42	QC Failure
YJL195C	481 a	7	39.88	43.12	44.30	QC Failure
YJL201W	380 b	5	41.39	42.86	29.68	QC Failure
YJL202C	481 a	8	44.52	47.45	26.03	QC Failure
YJR012C	470 a	2	38.93	42.18	24.20	QC Failure
YJR104C	380 f	7	49.76	51.56	42.47	QC Failure
YJR120W	371 e	11	44.15	45.57	41.56	QC Failure
YJR121W	372 d	9	36.83	38.96	41.54	QC Failure
YJR122W	380 f	8	32.53	34.55	36.99	QC Failure
YJR139C	380 f	9	48.22	50.10	40.64	QC Failure
YKL054C	316 G	11	89.71	96.20	68.04	QC Failure
YKL114C	317 C	10	82.32	89.07	85.4	QC Failure
YKL204W	381 a	9	69.43	75.22	68.04	QC Failure
YKL211C	380 e	2	48.54	49.91	35.16	QC Failure
YKR001C	380 e	3	33.40	32.36	24.20	QC Failure
YKR085C	372 d	11	38.85	40.91	39.71	QC Failure
YLR027C	380 b	10	45.82	47.91	22.38	QC Failure
YLR067C	371 e	5	30.08	31.14	32.42	QC Failure
YLR069C	371 e	6	29.74	30.83	32.42	QC Failure
YLR091W	371 e	7	28.71	30.11	16.89	QC Failure
YLR148W	372 a	5	57.18	58.16	56.19	QC Failure
YLR182W	380 d	5	50.91	53.71	34.25	QC Failure
YLR226W	316 E	1	79.04	72.48	68.04	QC Failure
YLR234W	380 e	4	50.78	53.12	40.64	QC Failure
YLR240W	372 b	8	46.02	48.00	9.58	QC Failure
YLR244C	372 a	9	45.61	46.55	30.58	QC Failure
YLR250W	372 c	10	49.91	52.17	56.19	QC Failure
YLR270W	320 F	8	33.18	35.09	17.81	QC Failure
YLR303W	380 e	5	45.60	46.58	27.86	QC Failure
YLR337C	372 b	6	30.11	28.66	12.33	QC Failure
YLR338W	372 b	5	51.20	56.29	10.50	QC Failure
YLR342W	380 e	6	44.84	45.93	34.25	QC Failure
YLR350W	372 c	11	47.05	49.84	50.70	QC Failure
YLR372W	372 a	8	51.06	53.95	36.99	QC Failure
YLR396C	372 d	8	60.66	63.16	56.19	QC Failure
YLR399C	372 a	10	67.83	75.42	58.93	QC Failure
YLR406C	381 a	11	43.29	46.19	50.69	QC Failure
YLR412W	372 b	7	52.68	56.51	55.27	QC Failure
YLR435W	333 E	11	92.71	84.77	15.07	QC Failure
YML013C-	303 D	9	87.92	82.05	78.09	QC Failure
YML022W	343 A	12	49.00	51.60	49.78	QC Failure
YMR038C	380 a	11	59.42	61.51	53.43	QC Failure
YMR091C	380 e	11	59.81	65.59	10.50	QC Failure
YMR135W	343 B	11	46.70	49.97	52.51	QC Failure
YMR211W	480 a	6	52.49	56.01	44.30	QC Failure
YMR300C	380 a	12	48.26	51.25	40.64	QC Failure
YNL055C	372 d	12	44.27	46.20	34.24	QC Failure
YNL073W	381 a	8	35.94	38.20	31.51	QC Failure
YNL081C	381 a	7	35.07	37.55	39.73	QC Failure
YNL147W	372 d	10	45.74	47.05	36.99	QC Failure
YNL177C	371 d	6	27.29	28.81	13.25	QC Failure

YNL184C	371 d	5	29.21	30.18	30.59	QC Failure
YNL246W	372 a	7	62.74	68.40	40.65	QC Failure
YNL251C	481 a	3	39.53	42.26	26.03	QC Failure
YNL262W	481 a	2	44.16	45.91	37.90	QC Failure
YNL280C	372 b	2	59.22	65.02	66.20	QC Failure
YNL296W	372 a	6	45.58	47.21	48.87	QC Failure
YNL297C	372 b	1	40.97	43.19	42.48	QC Failure
YNL331C	481 a	1	55.79	60.55	65.31	QC Failure
YNR050C	380 e	9	50.26	52.54	33.34	QC Failure
YNR068C	380 e	10	49.78	50.92	33.34	QC Failure
YNR074C	380 e	12	48.05	49.87	41.56	QC Failure
YOL033W	380 c	2	34.45	36.32	9.59	QC Failure
YOL076W	372 a	1	59.85	63.35	44.30	QC Failure
YOL081W	372 a	2	45.03	46.17	21.46	QC Failure
YOL086C	329 E	6	66.48	73.24	71.69	QC Failure
YOL127W	480 a	9	44.13	46.09	30.59	QC Failure
YOL143C	372 b	12				QC Failure
YOR026W	380 c	3	70.66	78.87	62.56	QC Failure
YOR073W	380 c	4	54.81	56.67	33.34	QC Failure
YOR104W	380 c	5	48.76	50.18	36.07	QC Failure
YOR147W	381 a	1	26.93	26.67	15.99	QC Failure
YOR157C	480 a	7	47.06	49.99	25.11	QC Failure
YOR160W	480 a	1	48.44	50.46	36.07	QC Failure
YOR179C	381 a	2	31.86	32.80	32.42	QC Failure
YOR184W	380 c	6	50.46	52.76	41.56	QC Failure
YOR187W	381 a	3	23.09	23.65	16.89	QC Failure
YOR198C	318 E	4	87.63	77.06	58.00	QC Failure
YOR200W	371 d	12	27.79	28.95	27.86	QC Failure
YOR201C	371 e	1	31.1	31.98	19.63	QC Failure
YOR205C	371 e	2	29.42	29.72	26.03	QC Failure
YOR211C	371 e	3	28.72	29.64	18.72	QC Failure
YOR224C	480 a	5	55.39	54.84	38.81	QC Failure
YOR241W	371 e	4	33.12	33.06	18.72	QC Failure
YOR260W	480 a	2	50.19	52.64	46.12	QC Failure
YOR278W	480 a	8	46.82	50.71	33.34	QC Failure
YOR299W	380 b	11	44.38	45.08	35.16	QC Failure
YOR305W	380 b	12	19.79	19.40	17.81	QC Failure
YOR319W	480 a	3	51.80	54.32	28.77	QC Failure
YOR331C	372 d	3	60.25	63.74	55.27	QC Failure
YOR340C	480 a	4	49.49	52.42	32.42	QC Failure
YOR349W	380 c	1	54.99	57.95	36.99	QC Failure
YOR358W	307 B	5	40.88	35.67	26.03	QC Failure
YPL024W	380 c	7	51.76	53.55	36.99	QC Failure
YPL029W	371 e	10	35.13	34.92	35.16	QC Failure
YPL031C	371 e	9	57.74	55.01	36.07	QC Failure
YPL040C	371 e	8	29.53	30.55	19.63	QC Failure
YPL042C	372 b	9	60.33	63.01	45.21	QC Failure
YPL045W	372 c	12	57.94	61.87	68.04	QC Failure
YPL050C	372 b	10	45.27	46.70	26.03	QC Failure
YPL097W	371 d	11	28.59	29.88	26.03	QC Failure
YPL104W	371 d	10	32.99	35.34	36.07	QC Failure
YPL118W	371 d	9	31.74	33.2	17.81	QC Failure

YPL172C	371 d	8	27.9	29.96	35.16	QC Failure
YPL173W	371 d	7	31.38	32.37	16.89	QC Failure
YPL183W-	343 C	10	36.78	37.91	24.21	QC Failure
YPL188W	380 b	4	46.60	47.16	36.07	QC Failure
YPL208W	380 b	3	30.96	30.99	27.86	QC Failure
YPL262W	380 b	2	33.54	32.44	28.77	QC Failure
YPL268W	372 f	4	53.60	56.61	40.65	QC Failure
YPL271W	308 B	4	36.06	36.01	24.21	QC Failure
YPR060C	380 e	7	47.29	48.81	28.77	QC Failure
YPR067W	372 f	3	41.51	43.97	43.40	QC Failure
YPR072W	372 d	1	47.74	47.40	28.78	QC Failure
YPR163C	380 f	10	53.89	56.04	34.25	QC Failure
YBR162C	345 B	9	32.86	32.76	26.93	QC Failure
YPL084W	322 D	10	37.21	38.65	20.54	QC Failure
YLR403W	320 C	1	36.27	35.27	17.81	QC Failure
YML032C	303 C	8	86.98	79.59	66.22	QC Failure
YDL090C	345 G	9	34.45	33.43	22.37	QC Failure
YOR035C	306 B	4	22.49	19.9	12.33	QC Failure
YDR516C	346 D	8	32.36	32.79	26.94	QC Failure
YOL100W	329 F	5	32.46	31.95	26.03	QC Failure

Table S2. Cell Size Data from Potential Petite Mutants

ORF	Plate	Row	Column	Mean	Median	Mode
YEL024W	311	G	10	33.01	34.83	18.71
YGR165W	313	B	8	43.96	36.66	17.81
YHR038W	314	B	1	33.56	35.46	34.24
YKL138C	317	E	6	31.56	33.44	18.71
YJL166W	319	D	3	31.90	33.84	33.33
YLR260W	320	E	10	33.76	35.02	19.63
YML110C	330	H	9	31.35	32.66	26.93
YJL102W	332	B	10	34.50	36.19	22.37
YHR008C	332	G	5	37.29	37.94	28.78
YDL176W	337	C	1	35.60	38.48	20.55
YPL078C	338	C	7	35.96	37.45	28.77
YOR125C	338	D	4	37.29	39.93	21.46
YOR150W	338	D	6	34.57	36.68	18.72
YOR158W	338	D	8	66.2	71.77	85.4
YIL047C	338	E	6	40.26	42.22	38.81
YIL067C	338	F	1	44.3	46.38	51.61
YGL218W	338	G	5	33.95	34.65	20.55
YNL003C	338	H	10	33.39	34.62	19.63
YNL005C	338	H	12	31.84	33.94	21.46
YNR036C	339	D	12	32.68	35.21	20.55
YNR037C	339	E	1	33.58	36.51	41.56
YNR041C	339	E	4	35.28	37.46	17.81
YNR042W	339	E	5	35.81	38.23	22.38
YNR045W	339	E	6	35.93	38.83	19.63
YBL099W	339	E	12	33.77	36.7	39.73
YBL100C	339	F	1	33.03	35.18	41.56
YBR037C	340	A	1	44.15	44.48	43.40
YIL125W	340	E	7	53.60	55.20	46.11
YNL064C	341	C	3	48.75	52.00	57.09
YBR112C	342	E	8	74.09	87.11	60.74
YCR028C-A	342	G	1	33.21	34.40	30.58
YCR084C	342	H	4	52.75	56.72	40.65
YLR382C	343	A	10	37.50	39.60	35.17
YPL148C	343	C	8	37.94	39.63	40.65
YNL315C	343	E	9	37.94	40.00	36.06
YFR019W	343	G	6	40.39	43.34	22.37
YLR439W	344	A	2	32.56	34.47	22.37
YLR439W	344	D	12	31.59	33.21	20.54
YDL068W	345	F	2	34.89	36.88	39.71
YDL069C	345	F	3	34.73	36.78	34.24
YDR462W	346	A	9	33.51	35.17	37.91
YDR529C	346	E	5	35.93	36.67	36.99
YGL107C	346	E	12	34.89	36.72	37.91
YGL129C	346	G	1	33.18	35.61	37.91
YER153C	347	E	7	35.61	37.34	36.06
YJR034W	347	H	5	34.58	36.30	26.03
YDL067C	348	B	7	34.91	36.64	42.48
YGR255C	348	E	9	32.59	33.64	17.81
YPL013C	370	A	1	31.73	30.79	26.03
YPL005W	370	A	2	34.58	36.78	25.11
YHR147C	370	A	3	34.66	34.68	20.55
YBL007C	370	A	4	28.34	26.89	22.38
YBL038W	370	A	5	30.74	32.33	18.72
YBL045C	370	A	6	41.64	39.39	23.29
YBL080C	370	A	7	33.16	33.22	29.68
YBL090W	370	A	8	32.59	33.39	34.25
YBL093C	370	A	9	95.3	105	74.44
YBR251W	370	A	10	33.54	33.85	24.2

(continued)

Table S2. Continued

ORF	Plate	Row	Column	Mean	Median	Mode
YBR268W	370	A	11	30.49	31.74	27.86
YDR175C	370	A	12	30.12	31.13	17.81
YDR194C	370	B	1	28.59	29.31	28.77
YDR197W	370	B	2	28.33	30.03	32.42
YDR204W	370	B	3	26.74	27.63	26.94
YDR230W	370	B	4	28.02	29.82	29.68
YDR231C	370	B	5	30.01	30.9	28.77
YDR237W	370	B	6	28.47	29.81	29.68
YDR268W	370	B	7	28.26	27.6	18.72
YDR296W	370	B	8	31.53	32	32.42
YDR298C	370	B	9	31.17	31.9	28.77
YDR322W	370	B	10	30.34	31.22	28.77
YDR332W	370	B	11	32.69	32.76	32.42
YDR337W	370	B	12	37.21	35.89	33.34
YDL107W	370	C	1	29.03	30.41	34.25
YDL198C	370	C	2	32.53	34.06	22.38
YDL202W	370	C	3	35.18	36.34	31.51
YDR065W	370	C	4	26.31	27.31	12.33
YDR079W	370	C	5	35.92	36.69	21.46
YDR114C	370	C	6	35.44	36.2	20.55
YDR115W	370	C	7	27.95	28.56	19.63
YLR139C	370	C	8	29.03	30.21	19.63
YLR149C	370	C	9	30.57	31.63	19.63
YLR201C	370	C	10	26.69	27.86	26.03
YLR202C	370	C	11	26.36	26.95	17.81
YLR203C	370	C	12	28.32	30.14	31.51
YDR347W	370	D	1	35.36	35.4	32.42
YDR350C	370	D	2	30.22	31.11	23.29
YDR377W	370	D	3	32.41	34.02	32.42
YDR405W	370	D	4	35.46	36.74	25.11
YGR062C	370	D	5	33.34	34.05	24.2
YGR076C	370	D	6	28.55	29.39	28.77
YGR101W	370	D	7	31.54	32.53	16.89
YGR102C	370	D	8	26.88	28.19	27.86
YGR150C	370	D	9	26.11	27.34	23.29
YGR171C	370	D	10	29.2	30.12	29.68
YGR180C	370	D	11	67.13	75.78	87.23
YGR215W	370	D	12	30.29	31.27	15.99
YKL003C	370	E	1	34.87	36.57	20.55
YKL016C	370	E	2	27.78	28.69	28.77
YKL080W	370	E	3	37.19	38.55	20.55
YKL134C	370	E	4	37.14	38.2	25.11
YKL155C	370	E	5	25.6	25.89	23.29
YKL169C	370	E	6	30.7	32.06	20.55
YKL170W	370	E	7	33.35	34.39	25.11
YKR006C	370	E	8	29.33	30.42	15.07
YLR239C	370	E	9	47.16	48.98	42.47
YLR295C	370	E	10	30.23	31.47	11.41
YLR304C	370	E	11	42.45	46.29	47.04
YLR312W-A	370	E	12	28.56	29.32	14.16
YLR369W	370	F	1	28.4	29.2	26.94
YPR047W	370	F	2	29.47	30.78	20.55
YPR099C	370	F	3	33.56	35.41	11.41
YPR100W	370	F	4	43.45	45.63	26.03
YPR116W	370	F	5	28.47	29.14	25.11
YPR123C	370	F	6	27.27	28.04	12.33
YPR124W	370	F	7	28.01	29.76	10.5
YPR166C	370	F	8	28.58	30.05	31.51
YFL036W	370	F	9	29.62	30.85	21.46
YBR282W	370	F	11	46.99	50.17	43.38
YCR024C	370	F	12	33.74	35.12	22.38
YGR219W	370	G	1	31.77	32.8	20.55
YGR220C	370	G	2	26.98	27.52	27.86
YGR222W	370	G	3	27.82	28.9	30.59
YIR021W	370	G	4	27.91	29.06	27.86
YLL018C-A	370	G	5	28.37	30.7	33.34

(continued)

Table S2. Continued

ORF	Plate	Row	Column	Mean	Median	Mode
YMR064W	370	G	6	31.53	33.76	36.07
YMR066W	370	G	7	29.34	30.18	21.46
YMR089C	370	G	8	24.2	22.35	11.41
YOL095C	370	G	9	27.17	28.04	23.29
YER077C	370	G	10	25.31	26.05	13.25
YHR168W	370	G	11	28.53	29.96	28.77
YLR038C	370	G	12	45.31	48.21	51.61
YMR158W	370	H	2	29.72	29.08	27.86
YNL252C	370	H	3	28	29.24	26.94
YPL132W	370	H	4	27.85	28.74	30.59
YML129C	370	H	5	32.13	33.79	32.42
YMR097C	370	H	6	27.14	27.66	18.72
YMR098C	370	H	7	27.55	28.51	28.77
YJL022W	370	H	8	27.39	28.3	26.94
YJL023C	370	H	9	26.97	27.91	26.03
YGL218W	370	H	10	30.42	32.01	16.89
YJR077C	370	H	11	47.96	48.33	40.64
YJR113C	370	H	12	29.45	30.88	36.07
YER017C	371	A	1	35.57	34.83	19.63
YER050C	371	A	2	30.47	31.65	32.42
YER058W	371	A	3	33.44	33.64	31.51
YEL050C	371	A	4	32.86	32.75	15.89
YAL039C	371	A	5	32.95	34.08	24.2
YML061C	371	A	6	32.72	32.83	32.42
YMR021C	371	A	7	35.84	37.14	28.77
YMR035W	371	A	8	32.53	32.51	29.68
YMR151W	371	A	9	28.18	29.13	31.51
YMR150C	371	A	10	26.1	27.52	26.03
YMR188C	371	A	11	30.24	30.74	20.55
YMR193W	371	A	12	29.65	30.31	25.11
YMR228W	371	B	1	30.04	31.08	17.08
YMR256C	371	B	2	26.65	29.63	27.86
YMR257C	371	B	3	32.95	33.47	30.59
YMR267W	371	B	4	34.85	36.01	20.55
YMR282C	371	B	5	33.67	35.14	37.9
YMR286W	371	B	6	29.65	30.39	26.03
YMR287C	371	B	7	31.76	33.63	18.72
YMR293C	371	B	8	38.51	38.56	33.34
YHL038C	371	B	9	30.92	32.9	35.16
YHR011W	371	B	10	25.76	26.33	26.03
YPL215W	371	B	11	35.78	36.57	38.81
YJL209W	371	B	12	31.96	32.4	34.25
YJL180C	371	C	1	33.78	34.04	33.34
YJL096W	371	C	2	42.25	46.33	28.77
YJL063C	371	C	3	35.61	37.07	20.55
YJL046W	371	C	4	46.31	46.71	41.56
YIL093C	371	C	5	26.16	27.1	28.77
YLL006W	371	C	6	29.19	30.31	18.72
YLL009C	371	C	7	27.15	28.14	27.86
YLL027W	371	C	8	39.63	42.14	30.59
YLL033W	371	C	9	35.42	36.43	21.46
YOR330C	371	C	10	27.22	28.33	30.59
YOL009C	371	C	11	27.89	28.93	18.72
YOL023W	371	C	12	32.61	34.16	20.55
YOR065W	371	D	1	29.45	30.21	21.46
YHR051W	371	D	2	27.5	28.45	30.59
YHR091C	371	D	3	26.57	27.54	26.94

Cell size data from potential petite mutants is given. The following deletion mutants were unable to grow on either ethanol or glycerol as their sole carbon source. In the first column, the open reading frame (ORF) for each deletion is shown. The next three columns list the plate, row, and column identification criteria for each deletion as obtained from Research Genetics (detailed at <http://www.resgen.com/products/YEASTD.php3> and links within this page). The next three columns list the mean, median, and mode cell size (fL) of each mutant grown to saturation as described.

Table S3. Cell Size Data from Deletions that Failed Quality Control

ORF	Plate	Row	Column	Mean	Median	Mode
YAL010C	372	A	11	35.17	35.72	23.29
YAL012W	380	F	6	38.75	39.50	40.64
YAL044C	372	A	12	43.49	44.78	47.94
YAL047C	334	A	9	83.73	74.86	62.56
YBL021C	380	C	8	38.79	37.46	26.03
YBL033C	372	B	11	49.42	51.53	45.21
YBR002C	481	A	4	33.38	36.67	40.64
YBR003W	381	A	4	35.08	37.70	38.81
YBR004C	481	A	5	37.87	39.88	38.81
YBR035C	372	D	4	56.43	60.14	46.11
YBR078W	381	A	5	55.50	59.09	39.73
YBR163W	345	B	11	34.65	36.91	37.91
YBR171W	372	E	12	59.92	62.28	31.52
YCR002C	380	C	9	61.75	67.33	64.39
YCR003W	380	C	10	28.73	28.98	9.59
YCR044C	372	C	1	43.22	43.82	34.24
YCR046C	381	A	10	36.21	38.66	40.64
YCR053W	342	G	7	49.97	52.71	48.87
YCR064C	470	A	1	42.36	44.89	22.38
YDL044C	372	E	10	34.76	36.46	36.06
YDL045W-A	372	E	7	55.51	59.59	61.64
YDL051W	372	E	6	48.42	50.67	49.78
YDL056W	372	E	1	43.82	47.21	48.87
YDL119C	380	D	2	49.74	50.48	38.81
YDR007W	341	C	7	49.09	51.33	27.86
YDR127W	380	D	3	51.65	53.48	50.69
YDR137W	380	D	4	47.25	49.86	43.38
YDR158W	380	C	11	46.75	47.65	34.25
YDR234W	380	C	12	50.60	52.49	44.30
YDR281C	380	D	1	32.06	32.33	21.46
YDR359C	311	B	1	87.44	79.93	62.56
YDR369C	311	B	6	80.73	71.80	58.91
YDR372C	372	B	3	45.58	46.83	32.42
YDR375C	311	B	11	32.94	35.43	37.91
YDR408C	380	D	7	52.50	55.20	54.35
YDR518W	372	E	2	37.23	39.91	43.40
YDR531W	481	A	6	44.49	46.42	32.42
YDR532C	372	F	2	65.80	68.44	54.36
YEL036C	372	A	3	69.13	76.07	11.41
YEL072W	380	A	8	61.93	66.64	27.86
YER010C	380	A	9	48.75	51.97	51.61
YER014C-A	372	A	4	46.89	49.16	36.99
YER014W	380	A	10	35.59	37.02	25.11
YER016W	380	F	11	69.70	78.26	10.50
YER032W	372	C	9	47.05	49.09	46.11
YER052C	380	A	1	54.51	56.43	47.04
YER054C	380	A	2	NA	NA	NA
YER061C	380	A	3	42.62	40.15	16.89
YER068C-A	380	A	4	48.81	52.53	36.99
YER068W	372	B	4	42.27	43.64	26.03
YER069W	380	A	5	51.08	55.92	56.17
YER070W	380	A	6	NA	NA	NA
YER086W	380	A	7	52.55	56.95	50.69
YER087W	372	D	7	33.11	35.17	37.91
YER090W	380	F	1	50.82	52.29	41.56
YER091C	380	F	2	52.13	54.02	47.95
YER154W	372	E	9	35.25	37.18	36.99
YER156C	372	E	8	52.95	55.55	46.11
YER163C	372	E	3	51.83	53.53	46.11
YFL016C	372	F	5	38.60	40.97	44.30
YFR019W	344	C	4	NA	NA	NA
YFR030W	343	G	9	48.32	50.80	47.94
YGL026C	380	D	6	41.36	41.44	31.51
YGL038C	372	C	5	35.54	33.56	9.58
YGL064C	372	C	6	42.10	42.63	40.65
YGL071W	372	C	7	48.19	51.00	45.21
YGL081W	372	C	8	48.16	50.37	46.11

(continued)

Table S3. Continued

ORF	Plate	Row	Column	Mean	Median	Mode
YGL095C	372	C	3	55.02	57.76	61.64
YGL135W	346	G	5	36.80	37.64	19.63
YGL143C	372	F	1	33.33	35.67	34.24
YGL163C	372	E	11	56.36	56.47	40.65
YGL206C	380	D	8	56.78	61.80	32.42
YGL223C	380	D	9	34.09	32.81	26.03
YGL234W	380	D	10	52.95	55.84	50.69
YGL236C	380	D	11	41.46	42.30	33.34
YGL251C	380	D	12	31.83	31.32	19.63
YGR061C	380	E	1	52.19	56.22	12.33
YGR155W	343	A	1	42.95	46.36	44.30
YGR167W	313	B	10	93.10	89.12	17.81
YGR204W	380	F	3	59.73	63.03	58.91
YGR229C	324	C	10	31.13	28.69	23.29
YGR257C	372	F	6	33.69	35.77	36.06
YGR262C	372	D	5	60.03	60.44	10.50
YHL031C	380	B	1	48.26	51.25	40.64
YHR007C	481	A	9	45.65	49.04	26.94
YHR025W	380	F	4	51.95	53.75	45.21
YHR120W	371	D	4	29.56	30.13	28.77
YHR191C	330	B	12	76.50	83.60	57.09
YIL015C-A	372	C	4	34.45	36.27	22.37
YIL018W	372	D	2	36.99	39.49	39.71
YIL039W	380	B	8	33.75	33.13	27.86
YIL094C	372	E	5	48.58	50.63	49.78
YIL097W	380	B	9	37.75	37.75	28.77
YIL103W	381	A	6	36.06	36.41	26.94
YIR004W	372	E	4	46.70	48.93	45.21
YIR034C	380	E	8	51.46	53.07	39.73
YJL003W	372	C	2	40.08	41.89	44.30
YJL007C	380	F	5	33.78	33.40	20.55
YJL075C	372	D	6	58.82	60.29	51.60
YJL088W	380	B	7	49.89	50.61	43.38
YJL090C	480	A	10	46.62	48.62	28.77
YJL138C	380	B	6	47.52	47.88	32.42
YJL195C	481	A	7	39.88	43.12	44.30
YJL201W	380	B	5	41.39	42.86	29.68
YJL202C	481	A	8	44.52	47.45	26.03
YJR012C	470	A	2	38.93	42.18	24.20
YJR104C	380	F	7	49.76	51.56	42.47
YJR120W	371	E	11	44.15	45.57	41.56
YJR121W	372	D	9	36.83	38.96	41.54
YJR122W	380	F	8	32.53	34.55	36.99
YJR139C	380	F	9	48.22	50.10	40.64
YKL054C	316	G	11	89.71	96.20	68.04
YKL114C	317	C	10	82.32	89.07	85.4
YKL204W	381	A	9	69.43	75.22	68.04
YKL211C	380	E	2	48.54	49.91	35.16
YKR001C	380	E	3	33.40	32.36	24.20
YKR085C	372	D	11	38.85	40.91	39.71
YLR027C	380	B	10	45.82	47.91	22.38
YLR067C	371	E	5	30.08	31.14	32.42
YLR069C	371	E	6	29.74	30.83	32.42
YLR091W	371	E	7	28.71	30.11	16.89
YLR148W	372	A	5	57.18	58.16	56.19
YLR182W	380	D	5	50.91	53.71	34.25
YLR226W	316	E	1	79.04	72.48	68.04
YLR234W	380	E	4	50.78	53.12	40.64
YLR240W	372	B	8	46.02	48.00	9.58
YLR244C	372	A	9	45.61	46.55	30.58
YLR250W	372	C	10	49.91	52.17	56.19
YLR270W	320	F	8	33.18	35.09	17.81
YLR303W	380	E	5	45.60	46.58	27.86
YLR337C	372	B	6	30.11	28.66	12.33
YLR338W	372	B	5	51.20	56.29	10.50
YLR342W	380	E	6	44.84	45.93	34.25
YLR350W	372	C	11	47.05	49.84	50.70

(continued)

Table S3. Continued

ORF	Plate	Row	Column	Mean	Median	Mode
YLR372W	372	A	8	51.06	53.95	36.99
YLR396C	372	D	8	60.66	63.16	56.19
YLR399C	372	A	10	67.83	75.42	58.93
YLR406C	381	A	11	43.29	46.19	50.69
YLR412W	372	B	7	52.68	56.51	55.27
YLR435W	333	E	11	92.71	84.77	15.07
YML013C-A	303	D	9	87.92	82.05	78.09
YML022W	343	A	12	49.00	51.60	49.78
YMR038C	380	A	11	59.42	61.51	53.43
YMR091C	380	E	11	59.81	65.59	10.50
YMR135W-A	343	B	11	46.70	49.97	52.51
YMR211W	480	A	6	52.49	56.01	44.30
YMR300C	380	A	12	48.26	51.25	40.64
YNL055C	372	D	12	44.27	46.20	34.24
YNL073W	381	A	8	35.94	38.20	31.51
YNL081C	381	A	7	35.07	37.55	39.73
YNL147W	372	D	10	45.74	47.05	36.99
YNL177C	371	D	6	27.29	28.81	13.25
YNL184C	371	D	5	29.21	30.18	30.59
YNL246W	372	A	7	62.74	68.40	40.65
YNL251C	481	A	3	39.53	42.26	26.03
YNL262W	481	A	2	44.16	45.91	37.90
YNL280C	372	B	2	59.22	65.02	66.20
YNL296W	372	A	6	45.58	47.21	48.87
YNL297C	372	B	1	40.97	43.19	42.48
YNL331C	481	A	1	55.79	60.55	65.31
YNR050C	380	E	9	50.26	52.54	33.34
YNR068C	380	E	10	49.78	50.92	33.34
YNR074C	380	E	12	48.05	49.87	41.56
YOL033W	380	C	2	34.45	36.32	9.59
YOL076W	372	A	1	59.85	63.35	44.30
YOL081W	372	A	2	45.03	46.17	21.46
YOL086C	329	E	6	66.48	73.24	71.69
YOL127W	480	A	9	44.13	46.09	30.59
YOL143C	372	B	12			
YOR026W	380	C	3	70.66	78.87	62.56
YOR073W	380	C	4	54.81	56.67	33.34
YOR104W	380	C	5	48.76	50.18	36.07
YOR147W	381	A	1	26.93	26.67	15.99
YOR157C	480	A	7	47.06	49.99	25.11
YOR160W	480	A	1	48.44	50.46	36.07
YOR179C	381	A	2	31.86	32.80	32.42
YOR184W	380	C	6	50.46	52.76	41.56
YOR187W	381	A	3	23.09	23.65	16.89
YOR198C	318	E	4	87.63	77.06	58.00
YOR200W	371	D	12	27.79	28.95	27.86
YOR201C	371	E	1	31.1	31.98	19.63
YOR205C	371	E	2	29.42	29.72	26.03
YOR211C	371	E	3	28.72	29.64	18.72
YOR224C	480	A	5	55.39	54.84	38.81
YOR241W	371	E	4	33.12	33.06	18.72
YOR260W	480	A	2	50.19	52.64	46.12
YOR278W	480	A	8	46.82	50.71	33.34
YOR299W	380	B	11	44.38	45.08	35.16
YOR305W	380	B	12	19.79	19.40	17.81
YOR319W	480	A	3	51.80	54.32	28.77
YOR331C	372	D	3	60.25	63.74	55.27
YOR340C	480	A	4	49.49	52.42	32.42
YOR349W	380	C	1	54.99	57.95	36.99
YOR358W	307	B	5	40.88	35.67	26.03
YPL024W	380	C	7	51.76	53.55	36.99
YPL029W	371	E	10	35.13	34.92	35.16
YPL031C	371	E	9	57.74	55.01	36.07
YPL040C	371	E	8	29.53	30.55	19.63
YPL042C	372	B	9	60.33	63.01	45.21
YPL045W	372	C	12	57.94	61.87	68.04
YPL050C	372	B	10	45.27	46.70	26.03

(continued)

Table S3. Continued

ORF	Plate	Row	Column	Mean	Median	Mode
YPL097W	371	D	11	28.59	29.88	26.03
YPL104W	371	D	10	32.99	35.34	36.07
YPL118W	371	D	9	31.74	33.2	17.81
YPL172C	371	D	8	27.9	29.96	35.16
YPL173W	371	D	7	31.38	32.37	16.89
YPL183W-A	343	C	10	36.78	37.91	24.21
YPL188W	380	B	4	46.60	47.16	36.07
YPL208W	380	B	3	30.96	30.99	27.86
YPL262W	380	B	2	33.54	32.44	28.77
YPL268W	372	F	4	53.60	56.61	40.65
YPL271W	308	B	4	36.06	36.01	24.21
YPR060C	380	E	7	47.29	48.81	28.77
YPR067W	372	F	3	41.51	43.97	43.40
YPR072W	372	D	1	47.74	47.40	28.78
YPR163C	380	F	10	53.89	56.04	34.25
YBR162C	345	B	9	32.86	32.76	26.93
YPL084W	322	D	10	37.21	38.65	20.54
YLR403W	320	C	1	36.27	35.27	17.81
YML032C	303	C	8	86.98	79.59	66.22
YDL090C	345	G	9	34.45	33.43	22.37
YOR035C	306	B	4	22.49	19.9	12.33
YDR516C	346	D	8	32.36	32.79	26.94
YOL100W	329	F	5	32.46	31.95	26.03

Cell size data from deletions that failed quality control. These deletions either failed quality control criteria as detailed in the Yeast Deletion Plate Identification Key (<http://www.resgen.com/products/YEASTD.php3>) or displayed abnormal growth characteristics in our hands (e.g., slow or irreproducible growth rates). In the first column, the open reading frame (ORF) for each deletion is shown. The next three columns list the plate, row, and column identification criteria for each deletion as obtained from Research Genetics (detailed at <http://www.resgen.com/products/YEASTD.php3> and links within this page). The next three columns list the mean, median, and mode cell size (fL) of each mutant grown to saturation as described.