

XS	Location	Mutant Name		Genetic Map Position	Phenotype Stage
Chr	(GroundTagID)	<i>short</i>	<i>full</i>	cM position genetic 2005	
1	1.029	<u><i>sr1</i></u>	<i>striate leaves1</i>	29	PLANT
1	1.048	<u><i>lls1</i></u>	<i>lethal leaf spot1</i>	48	PLANT
1	1.062	<u><i>zb4</i></u>	<i>zebra crossbands4</i>	62	PLANT
1	1.098	<u><i>rs2</i></u>	<i>rough sheath2</i>	98	PLANT
		CENTROMERE			chr1 handle
1	1.147	<u><i>wlu5</i></u>	<i>white leuteus5</i>	147	SEEDLING
1	1.150	<u><i>bif2</i></u>	<i>barren inflorescence2</i>	150?	PLANT
1	1.153	<u><i>br1</i></u>	<i>brachitic1</i>	153	PLANT
1	1.157	<u><i>Vg1</i></u>	<i>Vestigial glume1</i>	157	PLANT
1	1.177	<u><i>id1</i></u>	<i>indeterminate1</i>	177	PLANT
1	1.183	<u><i>Tlr1</i></u>	<i>Tillered1</i>	183	PLANT
1	1.202	<u><i>Kn1</i></u>	<i>Knotted1</i>	202	PLANT
2	2.007	<u><i>al1</i></u>	<i>albestent plant1</i> <i>a.k.a "ghost plant"</i>	7	SEEDLING
2	2.007	<u><i>al1-Brawn</i></u>	<i>albestent plant1</i>	7	PLANT
2	2.042	<u><i>d5</i></u>	<i>dwarf plant5</i>	42	PLANT
2	2.000	<u><i>Les11</i></u>	<i>Lesion11</i>	?	PLANT
		CENTROMERE			chr2 handle
2	2.000	<u><i>sr5</i></u>	<i>striate5</i>		PLANT
2	2.087	<u><i>ts1</i></u>	<i>tassel seed1</i>	87	PLANT
2	2.159	<u><i>D10</i></u>	<i>Dwarf plant10</i>	159	PLANT
2	2.188	<u><i>Ch1</i></u>	<i>Chocolate pericarp1</i>	188	SEED, EAR
2	2.206	<u><i>Gn1::Ds</i></u>	<i>Gnarley1::Ds</i>	206	PLANT

3	3.000	<u><i>g2</i></u>	<i>golden plant2</i>	0	PLANT
3	3.000	<u><i>dek5</i></u>	<i>defective kernel5</i>		SEED, EAR
3	3.053	<u><i>Rg1</i></u>	<i>Ragged leaves1</i>	53	PLANT
		CENTROMERE			chr3 handle
3	3.000	<u><i>Lg2</i></u>	<i>liguleless2</i>	?	
3	3.108	<u><i>na1</i></u>	<i>nana plant1</i>	108	PLANT
3	3.140	<u><i>a1-x1/a1-m</i></u>	<i>anthocyaninless1</i>	140	SEED, EAR
4					
4	4.055	<u><i>Ts5</i></u>	<i>Tassel seed5</i>	55	PLANT
4	4.048	<u><i>la1</i></u>	<i>lazy plant1</i>	48	PLANT
4	4.066	<u><i>orp1</i></u>	<i>orange pericarp1</i>	66	SEED, EAR
		CENTROMERE			chr4 handle
4	4.070	<u><i>tga1</i></u>	<i>teosinte glume architecture1</i>	70	PLANT
4	4.071	<u><i>bt2</i></u>	<i>brittle endosperm2</i>	71	SEED, EAR
4	4.124	<u><i>j2</i></u>	<i>japonica striping2</i>	124	PLANT
4	4.128	<u><i>c2-m1 ACR</i></u>	<i>colorless2-mutable1</i>	128	SEED, EAR
5					
5	5.092	<u><i>bm1</i></u>	<i>brown midrib1</i>	92	PLANT
5	5.074	<u><i>td1</i></u>	<i>thick tassel dwarf1</i>		PLANT
		CENTROMERE			chr5 handle
5	5.093	<u><i>bt1</i></u>	<i>brittle endosperm1</i>	93	SEED, EAR
5	5.098	<u><i>bv1</i></u>	<i>brevis plant1</i>	98	PLANT
5	5.?	<u><i>v13</i></u>	<i>virescent13</i>		
5	5.110	<u><i>lw2</i></u>	<i>lemon white2</i>	110	PLANT
5	5.122	<u><i>ys1</i></u>	<i>yellow stripe1</i>	122	Phenotype not shown?
5	5.135	<u><i>Hsf1</i></u>	<i>Hairy sheath frayed1</i>	135	SEEDLING

6	6.122	<u>bde1/tus1</u>	<i>beaded-ear1</i>	122?	PLANT
6	6.013	<u>wi1</u>	<i>wilted1</i>	13	PLANT
6	6.024	<u>mn3</u>	<i>minature seed3</i>	24	SEED, EAR
6	6.025	<u>NOR</u>	ribosomal RNA gene cluster (Nucleolus Organizing Center)	25	(not a mutant: a nucleoplasmic structure at rDNA repeat locus)
		CENTROMERE		30	chr6 handle
6	6.036	<u>y1</u>	<i>yellow endosperm1</i>	36	PLANT
6	6.037	<u>Les13</u>	<i>Lesion13</i>	37	PLANT
6	6.039	<u>ms1</u>	<i>male sterile1</i>	39	PLANT
6	6.075	<u>PI1</u>	<i>Purple plant1</i>	75	PLANT
6	6.082	<u>su2</u>	<i>sugary2</i>	82	
6	6.084	<u>Pt1</u>	<i>Polytypic ear1</i>	84	PLANT
6	6.096	<u>tan1-py</u>	<i>tangled1-pigmy</i>	96	PLANT
6	6.100	<u>dek19</u>	<i>defective kernel19</i>	100	SEED, EAR
6	6.100	<u>sbd1</u>	<i>sunburned1</i>	100	PLANT
6	6.100	<u>sr4</u>	<i>striate leaves4</i>	100	PLANT
6	6.122	<u>o14</u>	<i>opaque endosperm14</i>	122	SEED, EAR
6	6.156	<u>gs3</u>	<i>green stripe3</i>	156	Plant
6	6.157	<u>tdy1</u>	<i>tie-dyed1</i>	157	PLANT
7	7.012	<u>Rs1</u>	<i>Rough sheath1</i>	12	PLANT
7	7.018	<u>Hs1</u>	<i>Hairy sheath1</i>	18	PLANT
7	7.049	<u>v5</u>	<i>virescent5</i>	49	PLANT
		CENTROMERE		50	chr7 handle
7	7.051	<u>ra1</u>	<i>ramosa1</i>	51	PLANT
7	7.069	<u>Tp1</u>	<i>Teopod1</i>	69	PLANT
7	7.078	<u>sl1</u>	<i>slashed leaves1</i>	78	PLANT
7	7.079	<u>ij1</u>	<i>iojap striping1</i>	79	PLANT
7	7.?	<u>Dt3</u>	<i>Dotted3</i>		SEED, EAR
7	7.?	<u>bd1</u>	<i>branched silkless1</i>		PLANT

8	8.043	<u>ct1</u>	<i>compact plant1</i>	43	PLANT
8	8.?	<u>cpc1</u>	<i>clear patches1</i>		PLANT
8	8.051	<u>Bif1</u>	<i>Barren inflorescence1</i>	51	PLANT
		CENTROMERE			chr8 handle
8	8.086	<u>Sdw1</u>	<i>Semidwarf plant1</i>	86	PLANT
8	8.106	<u>Cl1</u>	<i>Clumped tassel1</i>	106	PLANT
8	8.138	<u>j1</u>	<i>japonica striping1</i>	138	PLANT
8	8.141	<u>v21</u>	<i>virescent21</i>	141	PLANT
8	8.?	<u>d12</u>	<i>dwarf12</i>	?	PLANT
9	9.011	<u>yg2</u>	<i>yellow green2</i>	11	PLANT
9	9.039	<u>bz1</u>	<i>bronze1</i>	39.3	SEED, EAR
9	9.051	<u>Zb8</u>	<i>Zebra crossbands8</i>	51	PLANT
9	9.054	<u>l7</u>	<i>luteus7</i>	54	PLANT
9	9.062	<u>baf1</u>	<i>barren stalk fastigiate1</i>	62	PLANT
9	9.066	<u>d3</u>	<i>dwarf3</i>	66	PLANT
		CENTROMERE			chr9 handle
9	9.080	<u>Trn1</u>	<i>Torn leaves1</i>	80	PLANT
9	9.126	<u>bm4</u>	<i>brown midrib4</i>	126	PLANT
9	9.150	<u>Rld1</u>	<i>Rolled leaf1</i>	150	PLANT
10	10.029	<u>Les6</u>	<i>Lesion6</i>	29	PLANT
		CENTROMERE			chr10 handle
10	10.029	<u>Les12</u>	<i>Lesion12</i>	29	PLANT
10	10.?	<u>Les3</u>	<i>Lesion3</i>		PLANT
10	10.?	<u>orp2</u>	<i>orange pericarp2</i>		SEED, EAR
10	10.?	<u>zn1</u>	<i>zebra necrotic1</i>		PLANT
10	10.101	<u>R1-mb</u>	<i>R1-marbled</i>	101	SEED, EAR