

## Mutant lines from the collection of Michele Stanca

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Nr	Cod.	Symbol	Name
1	3165	<i>vrs1.c</i>	lateral lemma appendix reduced-
2	3167	<i>trp1</i>	triple awned lemma 1
3	3168	<i>trd1</i>	third outer glume 1
4	3170	<i>cul2(V)</i>	uniculm 2
5	3171	<i>cul2(v)</i>	uniculm 2
6	3172	<i>Lks2</i>	long awn 2
7	3173	<i>lks2</i>	short awn 2
8	3174	<i>lks5</i>	short awn 5
9	3175	<i>Vrs1.t</i>	deficiencie 1
10	3176	<i>dsp10</i>	dense spike 10
11	3177	<i>lbi2</i>	long (weak) basal rachis internode 2
12	3178	----	naked and black seed
13	3179	<i>uzu1</i>	uzu (semi brachytic) 1
14	3180	<i>mul2</i>	multiflorus 2
15	3181	<i>brh</i>	brachitic
16	3182	<i>lbi1</i>	long basal rachis internode 1
17	3183	<i>blx4???</i>	awnless -
18	3184	<i>brc</i>	branched ear
19	3185	<i>Dsp10</i>	lax spike
20	3186	<i>lnt1</i>	low nubers of tillers 1
21	3187	<i>lig1</i>	liguleless 1
22	3188	<i>Lbi</i>	short basal rachis internode
23	3191	<i>eog1</i>	elongated outer glume 1
24	3192	<i>mtt2</i>	mottled leaf 2
25	3193	<i>adp1</i>	awned palea 1
26	3194	<i>cul</i>	uniculm
27	3196	<i>brc</i>	branched ear
28	3197	<i>brh2</i>	brachytic 2
29	3198	----	distico nero vestito
30	3199	<i>sid1</i>	single internode dwarf 1
31	3202	<i>abs1</i>	absent lower laterals 1
32	3204	<i>Hsh1/yhd1</i>	hairy leaf sheath / yellow head 1
33	3205	<i>Kap1</i>	hooded lemma 1
34	3206	<i>Kap1.e</i>	elevated hood (hooded lemma)
35	3245	<i>cal-a.3</i>	calcaroides - a
36	3246	<i>cal-a.5</i>	calcaroides - a
37	3247	<i>cal-a.6</i>	calcaroides - a
38	3253	<i>bra-a.1</i>	bracteatum - a.1 = third outer glume 1
39	3263	<i>acr1</i>	accordion rachis 1
40	3264	<i>acr2</i>	accordion rachis 2
41	3265	<i>acr3</i>	accordion rachis 3
42	3266	<i>acr4</i>	accordion rachis 4
43	3267	<i>acr8</i>	accordion rachis 8
44	3268	<i>lax-a.01</i>	laxatum - a = lax spike with 5 anters
45	3269	<i>lax-a.4</i>	laxatum - a = lax spike with 5 anters
46	3271	<i>gig1</i>	gigas ( giant plants) 1
47	3272	<i>gig2</i>	gigas ( giant plants) 2
48	3279	<i>viv</i>	viviparoides
49	3285	<i>aur-a.2</i>	exauriculum = auricleless = liguleless 1
50	3287	<i>lig-a.2</i>	exligulum( liguleless)
51	3292	<i>lep-e.1(eog1)</i>	macrolepis = elongated outer glume 1
52	3293	<i>lep-e.2(eog2)</i>	macrolepis = elongated outer glume 2
53	3295	<i>ops1</i>	opposite spikelets 1
54	3296	<i>ops2</i>	opposite spikelets 2

55	<b>3297</b>	<i>ops3</i>	opposite spikelets 3
56	<b>3298</b>	<i>tri.20</i>	triaristatum.20
57	<b>3299</b>	<i>den.3</i>	densinodosum.3
58	<b>3300</b>	<i>mnd6.6</i>	many noded dwarf 6
59	<b>3648</b>	<i>mk</i>	hooded /branched
60	<b>Leafy L</b>	<i>lle</i>	leafy lemma 1
61	<b>GSHO</b>	<i>lk2</i>	short awn
62	<b>GSHO</b>	<i>lk5</i>	short awn
63	<b>A2</b>		Mutant from <i>Hordeum spontaneum</i>
64	<b>LYS 95</b>		high lysin
65	<b>LYS 449</b>		high lysin
66	<b>Population 23.3 from Nepal</b>		
67	<b>Population from Ethiopia</b>		
68	<b>Population from Ethiopia, black</b>		

#### Hooded double mutants

69	<b>2199.1</b>	<i>Kap1 / cul2(v)</i>	hooded lemma 1 / unicum
70	<b>2200.1</b>	<i>Kap1 / lks2</i>	hooded lemma 1 / short awn 2
71	<b>2201.1</b>	<i>Kap1 / Vrs1.t</i>	hooded lemma 1 / deficiency 1
72	<b>2202.1</b>	<i>Kap1 / Lks1</i>	hooded lemma 1 / awnless 1
73	<b>2203.2</b>	<i>Kap1 / Int1</i>	hooded lemma 1 / low number of tillers 1
74	<b>2204.2</b>	<i>Kap1 / lig1</i>	hooded lemma 1 / liguleless 1
75	<b>2205</b>	<i>Kap1 / eog1</i>	hooded lemma 1 / elongated outer glume
76	<b>2206</b>	<i>Kap1 / brh2</i>	hooded lemma 1 / brachytic 2
77	<b>2207</b>	<i>Kap1 / Hsh1/yhd1</i>	hooded lemma 1 / hairy leaf sheath 1 / yellow head 1
78	<b>2208</b>	<i>Kap1 / bra-a.1</i>	hooded lemma 1 / bracteatum - a.1 = third outer glume
79	<b>2209</b>	<i>Kap1 / acr1</i>	hooded lemma 1 / accordion rachis 1
80	<b>2210.1</b>	<i>Kap1 / lax-a.4</i>	hooded lemma 1 / laxatum -a =lax spike with 5 anthers
81	<b>2210.2</b>	<i>Kap1 / lax-a.4</i>	hooded lemma 1 / laxatum -a =lax spike with 5 anthers
82	<b>2211</b>	<i>Kap1 / gig.4</i>	hooded lemma 1 / gigas.4
83	<b>2214</b>	<i>Kap1 / aur-a.4</i>	hooded lemma 1 / auricleless -a
84	<b>2215</b>	<i>Kap1 / lig-a.2</i>	hooded lemma 1 / liguleless
85	<b>2217</b>	<i>Kap1 / mnd6.6</i>	hooded lemma 1 / many noded dwarf 6
86	<b>2218.1</b>	<i>Kap1 / sid1</i>	hooded lemma 1 / single internode dwarf 1
87	<b>2218.2</b>	<i>Kap1 / sid1</i>	hooded lemma 1 / single internode dwarf 1
88	<b>2218.3</b>	<i>Kap1.e / sid1</i>	elevated hood (hooded lemma) /single internode dwarf 1

#### Other double mutants

89	<b>1954</b>	<i>den.9 / trd1</i>	densinodosum / third outer glume 1
90	<b>1956</b>	<i>brh1 / trd1</i>	brachitic1 / third outer glume 1
91	<b>1963</b>	<i>viv.1 / trd1</i>	viviparoides.1 / third outer glume 1
92	<b>1968</b>	<i>ops2 / trd1</i>	opposite spikelets 2 / third outer glume 1
93	<b>1969</b>	<i>den.7 / trd1</i>	densinodosum / third outer glume 1
94	<b>1972</b>	<i>ops1.3 / mnd6.6</i>	opposite spikelets / many noded dwarf 6
95	<b>1974</b>	<i>vrs1.c / trd1</i>	lateral lemma appendix reduced / third outer glume 1
96	<b>1975</b>	<i>bnt1 / trd1</i>	low number of tillers / third outer glume 1
97	<b>1977</b>	<i>mdn6.6 / trd1</i>	many noded dwarf 6 / third outer glume 1
98	<b>1978</b>	<i>trp1 / trd1</i>	triple awned lemma 1 / third outer glume 1
99	<b>1980</b>	<i>cul2(V) / trd1</i>	uniculm 2 / third outer glume 1
100	<b>1981</b>	<i>uzu1 / trd1</i>	uzu (semi-brachytic) 1 / third outer glume 1
101	<b>1982</b>	<i>mul2 / trd1</i>	multiflorus 2 / third outer glume 1
102	<b>1986</b>	<i>lig1 / trd1</i>	liguleless / third outer glume 1
103	<b>1987</b>	<i>eog1 / trd1</i>	elongated outer glume / third outer glume 1
104	<b>1988</b>	<i>cul4.15 / trd1</i>	uniculm 4 / third outer glume 1
105	<b>1990</b>	<i>branched / trd1</i>	branched / third outer glume 1

106	<b>1996</b>	<i>Kap1 / trd1</i>	hooded lemma1 / third outer glume 1
107	<b>1997</b>	<i>sbk1 / trd1</i>	subjacent hood 1 / third outer glume 1
108	<b>2013</b>	<i>lep-e.2 / trd1</i>	elongated outer glume / third outer glume 1
109	<b>2017</b>	<i>den.9 / vrs1.c</i>	densinodosum.9 / lateral lemma appendix reduced
110	<b>2018</b>	<i>mnd6.6 / dsp10</i>	many noded dwarf 6 / dense spike
111	<b>2021</b>	<i>den.9 / Kap1</i>	densinodosum.9 / hooded lemma1
112	<b>2034</b>	<i>Kap1.e / trd1</i>	elevated hood 1 (hooded lemma) / third outer glume 1
113	<b>2035</b>	<i>mk / trd1</i>	hooded / third outer glume 1
114	<b>2036</b>	<i>mk / trd1</i>	branched / third outer glume 1
115	.....	<i>mgl / e</i>	na
116	.....	<i>v3 / mk</i>	na