

The Scandinavian Barley Chlorophyll Mutation Collection

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Barley (*Hordeum vulgare* L.) *albina*, *striata*, *chlorina*, *tigrina*, *viridis* and *xantha* mutants, which can be obtained from the Department of Biochemistry, Lund University, Sweden.

The collection was previously held at the Carlsberg Laboratory, Copenhagen, Denmark, by Professor Diter von Wettstein.

Please contact the coordinator for Nuclear genes affecting the chloroplast:

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Available mutants are marked by “×”. If missing, the mutant might be present in the collection of the Nordic Gene Bank (www.nordgen.org).

Albina mutants

alb 7	×
alb 10	
alb 11	×
alb 12	
alb 13	×
alb 14	
alb 15	
alb 16	×
alb 17	×
alb 18	×
alb 19	×
alb 20	
alb 21	

alb 22	×
alb 24	×
alb 25	×
alb 26	×
alb 27	×
alb 28	×
alb 29	
alb 30	
alb 32	×
alb 33	
alb 34	
alb 35	
alb 36	

alb 37	
alb 38	
alb 40	
alb 41	
alb 42	×
alb 43	
alb 44	
alb 45	×
alb 46	×
alb 47	
alb 48	
alb 49	
alb 50	×
alb 51	
alb 52	×
alb 53	
alb 54	
alb 55	×
alb 56	
alb 57	
alb 58	
alb 59	×
alb 60	×
alb 61	
alb 62	
alb 63	
alb 64	
alb 65	
alb 66	×
alb 67	
alb 68	
alb 69	
alb 70	
alb 71	
alb 72	
alb 73	
alb 74	
alb 75	
alb 76	×
alb 77	
alb 78	×
alb 80	
alb 81	×
alb 82	

alb 83	
alb 84	
alb 85	
alb 86	
alb 87	
alb 88	
alb 89	×
alb 90	×
alb 91	
alb 92	
alb 94	
alb 95	×
alb 96	
alb 97	
alb 98	
alb 99	
alb 100	
alb 101	
alb 102	
alb 103	
alb 104	
alb 105	
alb 106	
alb 107	
alb 108	
alb 109	
alb 110	
alb 111	×
alb 112	
alb 113	×
alb 114	
alb 115	
alb 116	
alb 117	
alb 118	
alb 119	
alb 120	
alb 122	×
alb 123	
alb 124	
alb 125	
alb 126	
alb 127	
alb 128	

alb 129	
alb 130	
alb 131	
alb 132	
alb 133	×

alb 134	×
alb 135	

Striata mutants

Arnason	×
Arnason grøn	
striata 4	×
striata 6	×
striata 7	×
striata 8	
striata 11	
striata 12	
striata 13	
striata 15	
striata 16	
striata 17	
striata 19	
striata 21	
striata 22	×
striata 23	
striata 26	
striata 33	×
striata 34	×
striata 35	×
striata 36	×
striata 37	
striata 38	
striata 39	
striata 104	×
striata 105	×

Chlorina mutants

clo 101	×
clo 102	×
clo 103	×
clo 104	×
clo 105	×
clo 106 L	×
clo 106 L (A+B)	×
clo 106 line LA	
clo 106 line LB	
clo 106 line M	×
clo 106 line ML	×
clo 107	×
clo 108	×
clo 109	×
clo 110	×
clo 111	×
clo 112	×
clo 113	×
clo 114	×
clo 115	×
clo 116	×
clo 117	×
clo 118a	×
clo 118b	×
clo 119	×
clo 121	×
clo 122	×
clo 123	×
clo 124	×
clo 125 = Xan-h.Clo125	×
clo 126	×
clo 127	×
clo 130	×
clo 131a	
clo 131b	
clo133a	×
clo133b	×
clo 134	×
clo135	×

clo 136	×
clo 137	×
clo 138	×
clo 140	×
clo 141	×
clo 142	×
clo 143	×
clo 144	×
clo 145	×
clo 146	×
clo 147	×
clo 148	×
clo149	×
clo 150	×
clo 151	×
clo 152	×
clo 153	×
clo 154	×
clo 155	×
clo 157 = Xan-h.Clo157	×
clo 158	×
clo 159	×
clo 160	×
clo 161 = Xan-h.Clo161	×
clo 164	×
clo 165	×
clo 166	×
clo 167 het	
clo170	×
clo 171	×
clo 173	×
clo 174	×
clo 175	×
clo 176	×
clo 177	
clo 179	×
clo 180	×

Tigrina mutants

tig 1	×
tig 3	
tig 6	×
tig 7	×
tig 11	×
tig 12	×
tig 13	
tig 14	
tig 15	×
tig 17	
tig 18	
tig 19	×
tig 20	×
tig 21	×
tig 22	

tig 23	×
tig 24	×
tig 24 hom	
tig 25	×
tig 26	×
tig 27	×
tig 28	×
tig 29 hom	×
tig 30	×
tig 31	×
tig 32	×
tig 33	×
tig 34	×

Viridis mutants

vir 10	×
vir 11	×
vir 12	×
vir 13	×
vir 14	×
vir 15	×
vir 17	×
vir 18	×
vir 19	×
vir 21	×
vir 23	×
vir 24	×
vir 25	×
vir 27	×
vir 29	×
xan 75 = vir 30	×
vir 33	×
vir 34	×
vir 35	×
vir 38	×
vir 39	×

vir 41	×
vir 42	×
vir 43	×
vir 44	×
vir 45	×
vir 46	×
vir 47	×
vir 49	×
vir 50	×
vir 51	
vir 52	×
vir 55	×
xan 76 = vir 56	×
vir 59	
vir 60	×
vir 61	×
vir 63	×
vir 64	×
vir 65	×
vir 68	×
vir 69	×

vir 101	×
vir 102	×
vir 103	
vir 104	×
vir 105	
vir 106	
vir 107	
vir 108	
vir 109	
vir 109	
vir 110	
vir 111	
vir 112	
vir 113 light	
vir 113 dark	
vir 114	
vir 115	×
vir 119	
vir 120	×
vir 121	×
vir 122	×
vir 123	×
vir 129	
vir 130	×
vir 131	
vir 132	×
vir 133	×
vir 134	

vir 135	
vir 137	×
vir 138	
vir 139	
vir 141	
vir 142 hom	
vir 142	
vir 143	×
vir 144	
vir 145 hom	
vir 145	
vir 149	
vir 152	×
vir 156	×
vir 157	×
vir 158	
vir 159	×
vir 160	×
vir 165	
vir 166	×
vir 167	
vir 168	×
vir 169	
vir 170 = xan 83	×
vir 519	×

Xantha mutants

xan 3	×
xan 10	×
xan 11	×
xan 12	×
xan 13	×
xan 14	
xan 15	×
xan 16	×
xan 17	×
xan 18	×
xan 19	×

xan 20	×
xan 21	×
xan 22	
xan 23	×
xan 24	
xan 25	×
xan 26	×
xan 27	×
xan 28	×
xan 29	
xan 30	×

xan 31	×
xan 32	
xan 33	
xan 35	×
xan 37	×
xan 38	×
xan 39	×
xan 40	×
xan 41	×
xan 42	×
xan 43	
xan 44	×
xan 45	×
xan 46	×
xan 47	×
xan 48	×
xan 49	×
xan 50	×
xan 51	×
xan 52	×
xan 53	×
xan 54	
xan 55	×
xan 56	×
xan 57	×
xan 58	×
xan 59	×
xan 60	×
xan 62	×
xan 63	×
xan 64	×
xan 65	
xan 66	
xan 68	×
xan 69	
xan 70	
xan 71	×
xan 72	×
xan 73	×
xan 74	×
xan-q.75 = vir30	
xan-q.76 = vir56	
xan-q.77 = vir-xa1	

xan-q.78 = vir-alb1	
xan-q.79 = xa-alb3	
xan-q.80 = alb-1.26	
xan 81 = Proto 1	×
xan 82 = Proto 2	×
xan 83 = vir 170 (Proto 3)	×
xan 84 = Proto 4	×
xan 101	
xan 102	
xan 103	
xan 104	
xan 105	
xan 106	
xan 107	