

Supplementary Tables

Exploring the spectrum of variability and identifying donor genotypes for drought stress tolerance in brinjal (*Solanum melongena* L.)

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Table S3: MFVs and PEG stress tolerance evaluation of brinjal genotypes at germination stage

SI No.	Genotype name	MMFV-2 bars	MMFV-6 bars	MMFV-Combined
1	<i>Solanum seaforthianum</i>	0.093	0.049	0.071
2	<i>Solanum mammosum</i>	0.000	0.000	0.000
3	<i>Solanum gilo</i>	0.212	0.081	0.147
4	<i>Solanum gilo</i> (Selection tomato shaped)	0.291	0.139	0.215
5	<i>Solanum gilo</i> (Selection flat round)	0.085	0.071	0.078
6	<i>Solanum gilo</i> (Selection oval shaped)	0.000	0.000	0.000
7	<i>Solanum aethiopicum</i>	0.586	0.459	0.523
8	<i>Solanum macrocarpon</i>	0.378	0.417	0.397
9	<i>Solanum viarum</i>	0.156	0.106	0.131
10	<i>Solanum acculiatissimum</i>	0.090	0.092	0.091
11	<i>Solanum melongena</i>	0.184	0.091	0.138
12	<i>Solanum indicum</i>	0.000	0.000	0.000
13	<i>Solanum nigrum</i>	0.224	0.125	0.174
14	<i>Solanum melongena</i> var. <i>insanum</i>	0.000	0.000	0.000
15	<i>Solanum incanum</i>	0.000	0.000	0.000
16	<i>Solanum torvum</i>	0.000	0.000	0.000
17	Arka Neelanchal Shyama	0.396	0.388	0.392
18	Arka Keshav	0.266	0.191	0.229
19	Arka Kusumakar	0.384	0.503	0.444
20	Arka Unnathi	0.434	0.495	0.465
21	Arka Harshitha	0.808	0.807	0.807
22	Arka Neelkanth	0.402	0.297	0.350
23	Arka Avinash	0.733	0.652	0.693
24	Arka Nidhi	0.372	0.158	0.265
25	Arka Anand	0.481	0.072	0.276
26	Arka Sheel	0.241	0.106	0.173
27	Pusa Kranti	0.411	0.334	0.372
28	Pusa Anupama	0.168	0.067	0.117
29	Pusa Purple Cluster	0.501	0.300	0.401
30	Pusa Purple Long	0.445	0.526	0.485
31	Pusa Hybrid - 6	0.540	0.448	0.494
32	Pusa Hybrid - 9	0.403	0.405	0.404
33	Pusa Bindu	0.400	0.425	0.412
34	Pant Rituraj	0.740	0.438	0.589
35	Pusa Shyamala	0.313	0.234	0.273
36	CARI -1	0.307	0.227	0.267
37	KS - 224	0.595	0.464	0.529
38	KS - 331	0.301	0.255	0.278
39	SM 6-6	0.199	0.083	0.141
40	SM 6-7	0.521	0.510	0.515
41	B-BR-54	0.120	0.098	0.109

42	CO-2	0.406	0.531	0.469
43	Purple Oblong	0.444	0.349	0.396
44	Indam Supriya	0.285	0.234	0.260
45	Black Beauty	0.482	0.434	0.458
46	Black Star	0.226	0.270	0.248
47	Kusuma Purple Round	0.392	0.303	0.348
48	SKT - Shashi Baigan	0.343	0.472	0.407
49	SKT - Shri Baigan	0.544	0.543	0.544
50	SKT - Mita Baigan	0.521	0.449	0.485
51	SKT - Rampriya Baigan	0.660	0.672	0.666
52	SKT - Savitra Baigan	0.499	0.448	0.474
53	Utkal GR	0.501	0.611	0.556
54	IIHR - 766	0.345	0.369	0.357
55	Pusa Ankur	0.362	0.371	0.367
56	Very Green Long	0.205	0.129	0.167
57	Pusa Sadabahar	0.311	0.349	0.330
58	Sharpova Bottle Brinjal	0.463	0.518	0.490
59	Goa Brinjal - 1	0.226	0.186	0.206
60	Goa Brinjal - 2	0.195	0.194	0.195
61	Goa Brinjal - 3	0.261	0.099	0.180
62	IIHR - 3	0.141	0.141	0.141
63	IIHR - 586	0.655	0.694	0.674
64	BPLH - 1	0.211	0.168	0.189
65	Indian Safed	0.484	0.505	0.495
66	WCGR (west coast green round)	0.530	0.126	0.328
67	Green Long with Patches	0.529	0.592	0.560
68	Niranjana Bhata	0.785	0.662	0.724
69	IIHR - 766 - A	0.580	0.478	0.529
70	Hebbare Local	0.332	0.255	0.293
71	Rampur Local	0.500	0.407	0.454
72	Polur Local	0.055	0.076	0.065
73	Rayadurga Local	0.534	0.645	0.589
74	Bethapudi Local	0.833	0.755	0.794
75	Goa Local Aggarion	0.334	0.243	0.288
76	Andaman - 1	0.160	0.137	0.149
77	Sarparam Vanga	0.198	0.113	0.155
78	Rayadurg Badhane	0.196	0.189	0.192
79	Mattu Gulla Oblong	0.555	0.341	0.448
80	Mattu Gulla Round	0.547	0.661	0.604
81	Poluru Vanga	0.507	0.503	0.505
82	Brinjal Dommeru Vanga	0.677	0.339	0.508
83	Brinjal Bhagyamathi	0.466	0.371	0.418
84	Pennada Brinjal	0.159	0.160	0.160

85	Brinjal Manapparai	0.190	0.118	0.154
86	Polur Local-1	0.345	0.250	0.298
87	Prasad Seed	0.528	0.467	0.498
88	Vellai Kathari	0.344	0.267	0.305
89	Green Round Brinjal	0.626	0.490	0.558
90	Manapparai Brinjal	0.000	0.000	0.000
91	Pachai Green Type	0.081	0.094	0.088
92	Mathugalla Brinjal	0.459	0.106	0.283
93	Surya	0.587	0.294	0.441
94	Uttara	0.575	0.478	0.526
95	Utkal GR-1	0.250	0.259	0.254
96	Utkal Anushree	0.691	0.190	0.441
97	<i>Solanum erianthum</i>	0.000	0.000	0.000
98	<i>Solanum capricoider</i>	0.000	0.000	0.000
99	<i>Solanum gilo Aizwal</i>	0.000	0.000	0.000
100	<i>Solanum sissimilifolium</i>	0.000	0.000	0.000
101	Chigorni	0.212	0.265	0.239
102	Swarna abhilash	0.192	0.181	0.186
103	Potokota	0.171	0.142	0.157
104	Kanta Baigan	0.287	0.234	0.260
105	Panyab Barsati	0.425	0.422	0.424
106	Swarna Prathibh	0.345	0.343	0.344
107	Pusa Uttam	0.000	0.000	0.000
108	Kalpatharu	0.000	0.000	0.000
109	Kashi Prakash	0.209	0.176	0.193
110	B6 Local	0.318	0.215	0.266
111	Azad Kranti	0.000	0.000	0.000
112	Swarna Shakti	0.406	0.246	0.326
113	Bhagyamati	0.391	0.304	0.348
114	Gulabi	0.278	0.239	0.259
115	BB 55	0.367	0.251	0.309
116	Nellore Local	0.368	0.379	0.374
117	Kodihalli Local	0.347	0.358	0.353
118	Swarna Shree	0.000	0.000	0.000
119	Shyamala	0.365	0.308	0.336
120	Swarna Ajay	0.000	0.000	0.000
121	Utkal Jyothi	0.000	0.000	0.000
122	Mattu Gulla	0.345	0.247	0.296

