

Supplementary Table

Table S1 Passport data of *Luffa cylindrica* accessions

Accession number	Code	Country	Province/ State	Institute
1	LC001	Thailand	Chaiyaphum	TVRC
2	LC002	Thailand	Chaiyaphum	TVRC
3	LC003	Thailand	Loei	TVRC
4	LC003-A	Thailand	Loei	TVRC
5	LC004	Thailand	Loei	TVRC
6	LC005	Thailand	Loei	TVRC
7	LC006	Thailand	Ubon Ratchathani	TVRC
8	LC007	Thailand	Roiet	TVRC
9	LC008	Thailand	Roiet	TVRC
10	LC008-A	Thailand	Roiet	TVRC
11	LC009	Thailand	Kalasin	TVRC
12	LC009-A	Thailand	Kalasin	TVRC
13	LC009-B	Thailand	Kalasin	TVRC
14	LC011	Thailand	Loei	TVRC
15	LC012	Thailand	Loei	TVRC
16	LC013	Thailand	Loei	TVRC
17	LC014	Thailand	Loei	TVRC
18	LC014-A	Thailand	Loei	TVRC
19	LC015	Thailand	Phetchabun	TVRC
20	LC016	Thailand	Phetchabun	TVRC
21	LC018	Thailand	Chai Nat	TVRC
22	LC019	Thailand	Suphan Buri	TVRC
23	LC019-A	Thailand	Suphan Buri	TVRC
24	LC020	Thailand	Kanchanaburi	TVRC
25	LC020-A	Thailand	Kanchanaburi	TVRC
26	LC021	Thailand	Kanchanaburi	TVRC
27	LC022	Thailand	Kanchanaburi	TVRC
28	LC023	Thailand	Kanchanaburi	TVRC
29	LC024	Thailand	Ratchaburi	TVRC
30	LC026	Thailand	Ratchaburi	TVRC
31	LC027	Thailand	Ratchaburi	TVRC
32	LC027-A	Thailand	Ratchaburi	TVRC
33	LC028	Thailand	Petchaburi	TVRC
34	LC029	Thailand	Petchaburi	TVRC
35	LC030	Thailand	Petchaburi	TVRC
36	LC031	Thailand	Petchaburi	TVRC
37	LC032	Thailand	Kanchanaburi	TVRC
38	LC033	Thailand	Kanchanaburi	TVRC
39	LC034	Thailand	Chanthaburi	TVRC
40	LC035	Thailand	Chanthaburi	TVRC
41	LC036	Thailand	Chanthaburi	TVRC
42	LC037	Thailand	Chanthaburi	TVRC
43	LC038	Thailand	Trat	TVRC
44	LC039	Thailand	Trat	TVRC
45	LC040	Thailand	Chanthaburi	TVRC
46	LC040-A	Thailand	Chanthaburi	TVRC

Table S1 Continued

Accession number	Code	Country	Province/ State	Institute
47	LC041	Thailand	Chanthaburi	TVRC
48	LC042	Thailand	Chanthaburi	TVRC
49	LC043	Thailand	Chanthaburi	TVRC
50	LC044	Thailand	Nakhon Nayok	TVRC
51	LC045	Thailand	Nakhon Nayok	TVRC
52	LC046	Thailand	Nakhon Nayok	TVRC
53	LC047	Thailand	Prachin Buri	TVRC
54	LC048	Thailand	Prachin Buri	TVRC
55	LC049	Thailand	Prachin Buri	TVRC
56	LC049-A	Thailand	Prachin Buri	TVRC
57	LC050	Thailand	Prachin Buri	TVRC
58	LC051	Thailand	Prachin Buri	TVRC
59	LC052	Thailand	Prachin Buri	TVRC
60	LC052-A	Thailand	Prachin Buri	TVRC
61	LC053-A	Thailand	Prachin Buri	TVRC
62	LC054	Thailand	—	TVRC
63	LC054-A	Thailand	—	TVRC
64	LC054-B	Thailand	—	TVRC
65	LC055	Thailand	Prachin Buri	TVRC
66	LC056	Thailand	Prachin Buri	TVRC
67	LC057	Thailand	Prachin Buri	TVRC
68	LC058	Thailand	Prachin Buri	TVRC
69	LC058-A	Thailand	Prachin Buri	TVRC
70	LC059	Thailand	Prachin Buri	TVRC
71	LC060	Thailand	Chanthaburi	TVRC
72	LC062	Thailand	Phrae	TVRC
73	LC063-A	Thailand	Phayao	TVRC
74	LC064	Thailand	Phayao	TVRC
75	LC064-A	Thailand	Phayao	TVRC
76	LC065	Thailand	Phayao	TVRC
77	LC065-A	Thailand	Phayao	TVRC
78	LC066	Thailand	Phayao	TVRC
79	LC066-A	Thailand	Phayao	TVRC
80	LC067	Thailand	Chaing Rai	TVRC
81	LC068	Thailand	Chaing Rai	TVRC
82	LC070	Thailand	Chaing Rai	TVRC
83	LC071	Thailand	Chaing Rai	TVRC
84	LC072	Thailand	Chaing Rai	TVRC
85	LC073	Thailand	Chaing Rai	TVRC
86	LC073-A	Thailand	Chaing Rai	TVRC
87	LC074	Thailand	Chaing Rai	TVRC
88	LC074-A	Thailand	Chaing Rai	TVRC
89	LC074-B	Thailand	Chaing Rai	TVRC
90	LC075	Thailand	Chaing Rai	TVRC
91	LC075-A	Thailand	Chaing Rai	TVRC
92	LC077	Thailand	Chiang Mai	TVRC
93	LC078	Thailand	Chiang Mai	TVRC
94	LC079	Thailand	Chiang Mai	TVRC
95	LC080	Thailand	Chiang Mai	TVRC

Table S1 Continued

Accession number	Code	Country	Province/ State	Institute
96	LC081	Thailand	Chiang Mai	TVRC
97	LC082	Thailand	Chiang Mai	TVRC
98	LC083	Thailand	Lamphun	TVRC
99	LC085	Thailand	Lampang	TVRC
100	LC086	Thailand	Loei	TVRC
101	LC087	China	–	TVRC
102	LC088	Thailand	–	TVRC
103	LC089	Thailand	–	TVRC
104	LC090	Thailand	–	TVRC
105	LC091	Thailand	–	TVRC
106	LC093	Thailand	–	TVRC
107	LC094	Thailand	–	TVRC
108	LC095	Thailand	–	TVRC
109	LC096	Thailand	–	TVRC
110	LC097	Thailand	–	TVRC
111	LC098	Thailand	–	TVRC
112	LC099	Thailand	–	TVRC
113	LC100	Thailand	–	TVRC
114	LC101	Thailand	–	TVRC
115	LC102	Thailand	–	TVRC
116	LC103	Thailand	–	TVRC
117	LC105	Thailand	–	TVRC
118	LC106	Thailand	–	TVRC
119	LC108	Thailand	–	TVRC
120	LC109	Thailand	–	TVRC
121	LC110	Thailand	–	TVRC
122	LC111	Thailand	–	TVRC
123	LC112	Thailand	–	TVRC
124	LC114	Thailand	Chiang Rai	TVRC
125	LC115	Thailand	Nakhon Sawan	TVRC
126	LC116	Thailand	Ratchaburi	TVRC
127	LC117	Thailand	Ratchaburi	TVRC
128	LC118	Thailand	Sakon Nakhon	TVRC
129	LC119	Japan	Chiba	TVRC
130	LC120	Vietnam	Hochiminh city	TVRC
131	LC121	Vietnam	Lam Dong	TVRC
132	LC122	Vietnam	Lam Dong	TVRC
133	LC123	Vietnam	–	TVRC
134	LC124	Laos	Vientiane prof.	TVRC
135	LC125	Laos	Bolikamxay	TVRC
136	LC126	Laos	Khammonane	TVRC
137	LC127	Laos	Khammonane	TVRC
138	LC128	Laos	Savannakhet	TVRC
139	LC129	Laos	Savannakhet	TVRC
140	LC130	Vietnam	Hochiminh city	TVRC
141	LC130-A	Vietnam	Hochiminh city	TVRC
142	LC131	Vietnam	Lam Dong	TVRC
143	LC131-A	Vietnam	Lam Dong	TVRC
144	LC132	Vietnam	Long an	TVRC

Table S1 Continued

Accession number	Code	Country	Province/ State	Institute
145	LC132-A	Vietnam	Long an	TVRC
146	LC133	Vietnam	Mau Ciang	TVRC
147	LC133-A	Vietnam	Mau Ciang	TVRC
148	LC133-B	Vietnam	Mau Ciang	TVRC
149	LC134	Vietnam	Cau Tho	TVRC
150	LC134-A	Vietnam	Cau Tho	TVRC
151	LC135	Thailand	Loei	TVRC
152	LC135-A	Thailand	Loei	TVRC
153	LC135-B	Thailand	Loei	TVRC
154	LC136	Thailand	Chaiyaphum	TVRC
155	LC137	Thailand	–	TVRC
156	LC138	Thailand	Udon Thani	TVRC
157	LC139	Thailand	Phrae	TVRC
158	LC140	Thailand	Chiang Mai	TVRC
159	LC142	Thailand	Yasothon	TVRC
160	LC143	Thailand	Yasothon	TVRC
161	LC145	Thailand	Yasothon	TVRC
162	LC146	Thailand	Yasothon	TVRC
163	LC147	Thailand	Yasothon	TVRC
164	LC148	Thailand	Yasothon	TVRC
165	LC150	Thailand	Sakon Nakhon	TVRC
166	LC151	Thailand	Sakon Nakhon	TVRC
167	LC152	Thailand	Sakon Nakhon	TVRC
168	LC153	Thailand	Sakon Nakhon	TVRC
169	LC155	Thailand	Nong Khai	TVRC
170	LC156	Thailand	Udon Thani	TVRC
171	LC157	Thailand	Udon Thani	TVRC
172	LC158	Thailand	Udon Thani	TVRC
173	LC159	Thailand	Udon Thani	TVRC
174	LC160	Thailand	Udon Thani	TVRC
175	LC161	Thailand	Udon Thani	TVRC
176	LC162	Thailand	Khon Kaen	TVRC
177	LC163	Thailand	Khon Kaen	TVRC
178	LC164	Thailand	Kanchanaburi	TVRC
179	LC166	Thailand	Prachin Buri	TVRC
180	LC167	Laos	Vientiane	TVRC
181	LC168	Thailand	Pathum Thani	TVRC
182	LC169	Thailand	Pathum Thani	TVRC
183	LC170	Thailand	Sakon Nakhon	TVRC
184	LC170-A	Thailand	Sakon Nakhon	TVRC
185	LC171	Thailand	Sakon Nakhon	TVRC
186	LC172	Thailand	Sakon Nakhon	TVRC
187	LC173	Thailand	Suphan Buri	TVRC
188	LC174	Laos	–	TVRC
189	LC174-A	Laos	–	TVRC
190	LC175	Laos	–	TVRC
191	LC175-A	Laos	–	TVRC
192	LC176	Laos	–	TVRC
193	LC177	Thailand	Nong Bua Lumphoo	TVRC

Table S1 Continued

Accession number	Code	Country	Province/ State	Institute
194	LC178	Thailand	Nong Bua Lumphoo	TVRC
195	LC179	Thailand	Nong Bua Lumphoo	TVRC
196	LC180	Thailand	—	TVRC
197	LC181	Thailand	—	TVRC
198	LC182	China	—	TVRC
199	LC183	China	—	TVRC
200	LC186	Thailand	Chiang Rai	TVRC
201	LC187	Thailand	Nakhon Pathom	TVRC
202	LC188	Thailand	Kanchanaburi	TVRC
203	LC189	Thailand	Sakhon Nakhon	TVRC
204	LC190	Thailand	Phrae	TVRC
205	LC191	Thailand	Ubon Ratchathani	TVRC
206	VI057235	Cambodia	—	AVRDC
207	VI034689	Philippines	—	AVRDC
208	VI034695	Philippines	—	AVRDC
209	VI034703	Philippines	—	AVRDC
210	VI034708	Philippines	—	AVRDC
211	VI034712	Philippines	—	AVRDC
212	VI045966	Vietnam	—	AVRDC
213	VI045968	Vietnam	—	AVRDC
214	VI045970	Vietnam	—	AVRDC
215	VI046603A	Vietnam	—	AVRDC
216	VI046604	Vietnam	—	AVRDC
217	VI046746	Vietnam	—	AVRDC
218	VI047205	Laos	—	AVRDC
219	VI047391	Vietnam	—	AVRDC
220	VI047405	Vietnam	—	AVRDC
221	VI054856	Laos	—	AVRDC
222	VI054857	Laos	—	AVRDC
223	VI054858	Laos	—	AVRDC
224	VI054859	Laos	—	AVRDC
225	VI055596	Laos	—	AVRDC
226	VI055652	Laos	—	AVRDC
227	VI055658	Laos	—	AVRDC
228	VI055686	Laos	—	AVRDC
229	VI055688	Laos	—	AVRDC
230	VI055691	Laos	—	AVRDC
231	VI055693	Laos	—	AVRDC
232	VI055705	Laos	—	AVRDC
233	VI055716	Laos	—	AVRDC
234	VI055726	Laos	—	AVRDC
235	VI055802	Laos	—	AVRDC
236	VI055829	Laos	—	AVRDC
237	VI055831	Laos	—	AVRDC
238	VI055837	Laos	—	AVRDC
239	VI055857	Laos	—	AVRDC
240	VI055865	Laos	—	AVRDC
241	VI055867	Laos	—	AVRDC
242	VI055869	Laos	—	AVRDC

Table S1 Continued

Accession number	Code	Country	Province/ State	Institute
243	VI055930	Laos	—	AVRDC
244	VI055949	Laos	—	AVRDC
245	VI055950A	Laos	—	AVRDC
246	VI055950B	Laos	—	AVRDC
247	VI055950C	Laos	—	AVRDC
248	VI055955A	Laos	—	AVRDC
249	VI055955B	Laos	—	AVRDC
250	VI055967	Laos	—	AVRDC
251	VI055978	Laos	—	AVRDC
252	VI055979	Laos	—	AVRDC
253	VI055994	Laos	—	AVRDC
254	VI056199	Bangladesh	—	AVRDC

TVRC, Tropical Vegetable Research Center, Kasetsart University, Kamphaeng Saen Campus, Thailand; AVRDC, World Vegetable Center, Taiwan

Supplementary Figure

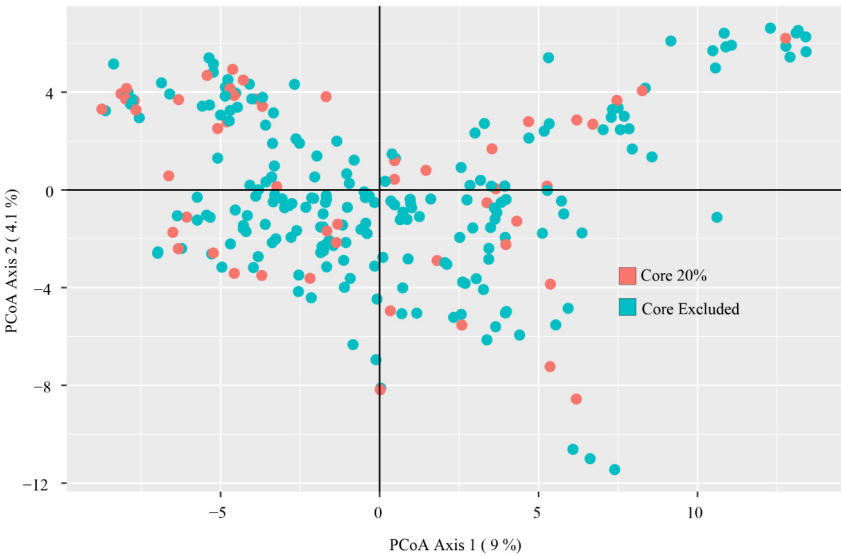


Fig. S1 Distribution of accessions in the 20% core collection presented as principal coordinate analysis graph