

Supplementary Table S3. Q value of each accession under K=4

Serial Number	ID	Q1	Q2	Q3	Q4
1	11HX-001	0.05	0.015	0.045	0.889
2	11HX-002	0.005	0.008	0.002	0.985
3	11HX-003	0.002	0.002	0.001	0.996
4	11HX-004	0.01	0.005	0.004	0.982
5	11HX-005	0.002	0.002	0.001	0.995
6	11HX-006	0.016	0.033	0.065	0.886
7	11HX-008	0.004	0.266	0.167	0.562
8	11HX-009	0.003	0.003	0.001	0.993
9	11HX-010	0.014	0.213	0.002	0.772
10	11HX-011	0.003	0.002	0.001	0.993
11	11HX-012	0.018	0.247	0.2	0.535
12	11HX-013	0.019	0.008	0.623	0.35
13	11HX-015	0.19	0.222	0.007	0.582
14	11HX-016	0.017	0.004	0.211	0.768
15	11HX-018	0.006	0.032	0.553	0.41
16	11HX-019	0.016	0.037	0.687	0.26
17	11HX-021	0.005	0.003	0.517	0.475
18	11HX-022	0.028	0.011	0.72	0.24
19	11HX-023	0.067	0.321	0.005	0.607
20	11HX-025	0.012	0.006	0.16	0.822
21	11HX-026	0.19	0.018	0.578	0.214
22	11HX-029	0.006	0.017	0.469	0.508
23	11HX-030	0.04	0.109	0.474	0.376
24	11HX-031	0.018	0.355	0.608	0.018
25	11HX-032	0.005	0.022	0.602	0.37
26	11HX-033	0.005	0.16	0.804	0.031
27	11HX-034	0.003	0.002	0.994	0.001
28	11HX-035	0.008	0.005	0.985	0.002
29	11HX-036	0.211	0.03	0.445	0.314
30	11HX-037	0.548	0.089	0.006	0.357
31	11HX-038	0.586	0.197	0.092	0.126
32	11HX-039	0.696	0.037	0.004	0.263
33	11HX-040	0.343	0.141	0.36	0.157
34	11HX-041	0.723	0.02	0.004	0.253
35	11HX-042	0.233	0.142	0.558	0.067
36	11HX-043	0.071	0.579	0.002	0.348
37	11HX-044	0.867	0.003	0.128	0.002
38	11HX-046	0.37	0.109	0.513	0.008
39	11HX-047	0.219	0.009	0.716	0.055

<b>Serial Number</b>	<b>ID</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
40	11HX-048	0.237	0.637	0.116	0.01
41	11HX-049	0.939	0.011	0.048	0.001
42	11HX-051	0.521	0.302	0.14	0.037
43	11HX-052	0.991	0.003	0.005	0.001
44	11HX-053	0.012	0.518	0.15	0.32
45	11HX-054	0.374	0.297	0.25	0.079
46	11HX-055	0.22	0.502	0.09	0.188
47	11HX-056	0.114	0.389	0.171	0.326
48	11HX-057	0.232	0.573	0.061	0.134
49	11HX-061	0.6	0.007	0.366	0.026
50	11HX-062	0.36	0.248	0.39	0.002
51	11HX-063	0.56	0.434	0.003	0.003
52	11HX-067	0.381	0.494	0.002	0.123
53	11HX-068	0.33	0.646	0.001	0.022
54	11HX-069	0.181	0.024	0.788	0.008
55	11HX-071	0.166	0.765	0.053	0.017
56	11HX-072	0.328	0.62	0.005	0.048
57	11HX-074	0.054	0.907	0.027	0.012
58	11HX-075	0.035	0.81	0.066	0.089
59	11HX-076	0.265	0.611	0.041	0.082
60	11HX-077	0.559	0.055	0.152	0.233
61	11HX-078	0.118	0.248	0.13	0.504
62	11HX-079	0.055	0.362	0.129	0.454
63	11HX-080	0.079	0.504	0.189	0.228
64	11HX-081	0.989	0.003	0.004	0.003
65	11HX-082	0.012	0.963	0.008	0.017
66	11HX-083	0.044	0.924	0.012	0.02
67	11HX-085	0.005	0.755	0.015	0.225
68	11HX-086	0.013	0.797	0.026	0.164
69	11HX-087	0.007	0.984	0.003	0.005
70	11HX-088	0.031	0.956	0.005	0.009
71	11HX-090	0.003	0.774	0.003	0.219
72	11HX-091	0.024	0.896	0.074	0.006
73	11HX-093	0.006	0.988	0.003	0.003
74	11HX-096	0.006	0.003	0.002	0.989
75	11HX-097	0.731	0.002	0.001	0.265
76	11HX-100	0.918	0.01	0.002	0.07
77	11HX-101	0.733	0.002	0.084	0.181
78	11HX-102	0.787	0.002	0.021	0.19
79	11HX-105	0.42	0.001	0.577	0.001
80	11HX-106	0.042	0.006	0.799	0.153

<b>Serial Number</b>	<b>ID</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
81	11HX-107	0.055	0.161	0.554	0.23
82	11HX-108	0.002	0.004	0.001	0.993
83	11HX-109	0.004	0.021	0.793	0.181
84	11HX-110	0.024	0.185	0.426	0.366
85	11HX-111	0.043	0.071	0.461	0.424
86	11HX-112	0.081	0.007	0.358	0.553
87	11HX-114	0.052	0.243	0.279	0.426
88	11HX-115	0.205	0.001	0.793	0.001
89	11HX-116	0.092	0.055	0.706	0.147
90	11HX-118	0.003	0.13	0.269	0.597
91	11HX-120	0.01	0.15	0.109	0.731
92	11HX-121	0.041	0.012	0.455	0.492
93	11HX-122	0.008	0.201	0.581	0.21
94	11HX-123	0.016	0.18	0.646	0.158
95	11HX-124	0.015	0.093	0.528	0.363
96	11HX-125	0.003	0.001	0.995	0.001
97	11HX-127	0.016	0.573	0.003	0.409
98	11HX-128	0.001	0.001	0.997	0.001
99	11HX-129	0.005	0.003	0.989	0.003
100	11HX-130	0.006	0.087	0.65	0.258
101	11HX-131	0.16	0.711	0.005	0.124
102	11HX-132	0.034	0.817	0.033	0.115
103	11HX-133	0.155	0.836	0.003	0.007
104	11HX-134	0.01	0.701	0.049	0.24
105	11HX-135	0.254	0.729	0.002	0.015
106	11HX-136	0.011	0.201	0.353	0.436
107	11HX-137	0.169	0.004	0.34	0.487
108	11HX-138	0.225	0.685	0.087	0.003
109	11HX-139	0.055	0.625	0.026	0.294
110	11HX-142	0.079	0.902	0.016	0.003
111	11HX-143	0.647	0.226	0.048	0.078
112	11HX-144	0.155	0.46	0.15	0.235
113	11HX-145	0.035	0.947	0.009	0.009
114	11HX-147	0.147	0.746	0.093	0.014
115	11HX-148	0.013	0.863	0.074	0.049
116	11HX-149	0.088	0.903	0.002	0.007
117	11HX-150	0.046	0.881	0.02	0.053
118	11HX-151	0.007	0.988	0.001	0.003
119	11HX-152	0.006	0.988	0.002	0.005
120	11HX-153	0.016	0.796	0.007	0.181
121	11HX-155	0.087	0.696	0.024	0.194

<b>Serial Number</b>	<b>ID</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
122	11HX-156	0.05	0.874	0.004	0.072
123	11HX-159	0.008	0.987	0.002	0.002
124	11HX-160	0.973	0.02	0.003	0.004
125	11HX-161	0.018	0.882	0.005	0.094
126	11HX-164	0.844	0.062	0.068	0.027
127	11HX-165	0.094	0.844	0.015	0.047
128	11HX-166	0.013	0.741	0.004	0.242
129	11HX-167	0.874	0.018	0.106	0.002
130	11HX-168	0.011	0.595	0.203	0.19
131	11HX-170	0.004	0.789	0.008	0.199
132	11HX-171	0.005	0.828	0.002	0.166
133	11HX-172	0.002	0.59	0.001	0.406
134	11HX-173	0.004	0.984	0.003	0.009
135	11HX-174	0.078	0.909	0.006	0.008
136	11HX-176	0.068	0.926	0.002	0.004
137	11HX-177	0.007	0.955	0.023	0.015
138	11HX-178	0.992	0.004	0.002	0.001
139	11HX-181	0.266	0.673	0.006	0.055
140	11HX-182	0.006	0.88	0.094	0.02
141	11HX-183	0.002	0.643	0.353	0.002
142	11HX-184	0.003	0.584	0.412	0.002
143	11HX-185	0.004	0.938	0.003	0.055
144	11HX-187	0.012	0.981	0.004	0.004
145	11HX-188	0.004	0.537	0.107	0.352
146	11HX-189	0.006	0.991	0.002	0.002
147	11HX-190	0.009	0.971	0.006	0.014
148	11HX-191	0.006	0.696	0.046	0.252
149	11HX-193	0.106	0.813	0.002	0.078
150	11HX-194	0.005	0.989	0.003	0.003
151	11HX-195	0.004	0.984	0.005	0.008
152	11HX-196	0.005	0.964	0.027	0.004
153	11HX-197	0.007	0.937	0.022	0.034
154	11HX-198	0.004	0.946	0.048	0.002
155	11HX-199	0.059	0.934	0.003	0.005
156	11HX-200	0.269	0.532	0.024	0.174
157	11HX-202	0.005	0.442	0.222	0.331
158	11HX-203	0.004	0.567	0.002	0.427
159	11HX-206	0.054	0.005	0.022	0.92
160	11HX-207	0.004	0.002	0.993	0.001
161	11HX-208	0.004	0.011	0.377	0.607
162	11HX-212	0.859	0.001	0.139	0.001

<b>Serial Number</b>	<b>ID</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
163	11HX-213	0.667	0.002	0.002	0.329
164	11HX-214	0.03	0.009	0.713	0.247
165	11HX-215	0.085	0.288	0.082	0.545
166	11HX-216	0.133	0.32	0.03	0.517
167	11HX-217	0.009	0.257	0.168	0.566
168	11HX-218	0.003	0.017	0.095	0.886
169	11HX-219	0.38	0.288	0.143	0.19
170	11HX-220	0.006	0.982	0.008	0.003
171	11HX-221	0.062	0.565	0.038	0.336
172	11HX-222	0.986	0.005	0.007	0.003
173	11HX-223	0.344	0.649	0.002	0.006
174	11HX-224	0.007	0.49	0.001	0.502
175	11HX-225	0.067	0.011	0.003	0.919
176	11HX-226	0.499	0.465	0.009	0.028
177	11HX-227	0.009	0.982	0.003	0.006
178	11HX-228	0.296	0.696	0.004	0.003
179	11HX-229	0.093	0.586	0.016	0.305
180	11HX-230	0.29	0.698	0.005	0.008
181	11HX-231	0.934	0.012	0.051	0.002
182	11HX-232	0.016	0.944	0.03	0.01
183	11HX-233	0.007	0.006	0.408	0.579
184	11HX-234	0.007	0.843	0.003	0.147
185	11HX-236	0.027	0.207	0.008	0.757