

Table S1. List of ISSR primers used for Genetic Diversity and varietal identification among 14 banana varieties from Pakistan.

Sr. No	Primer Code	Primer Sequence 5' – 3'	Annealing Temperature	Reference
1	UBC-823	TCTCTCTCTCTCTCC	55°C	[1]
2	UBC-808	AGAGAGAGAGAGAGAGC	55°C	[1]
3	UBC-812	GAGAGAGAGAGAGAGAA	56°C	[1]
4	UBC-809	AGAGAGAGAGAG AGAGG	55°C	[1]
5	UBC-864	ATGATGATGATGATGATG	55°C	[2]
6	UBC-834	AGAGAGAGAGAGAGAGTT	55°C	[2]
7	UBC-842	GAGAGAGAGAGAGAGATG	56°C	[3]
8	UBC-841	GAGAGAGAGAGAGAGATC	56°C	[3]
9	UBC-840	GAGAGAGAGAGAGAGATT	55°C	[3]
10	UBC-826	ACACACACACACACC	56°C	[3]
11	UBC-811	GAGAGAGAGAGAGAGAC	55°C	[3]
12	UBC-835	AGAGAGAGAGAGAGAGCC	56°C	[3]
13	UBC-836	AGAGAGAGAGAGAGAGCA	56°C	[3]
14	UBC-815	CTCTCTCTCTCTCTG	55°C	[3]
15	UBC-818	CACACACACACACAG	55°C	[3]
16	UBC-807	AGAGAGAGAGAGAGAGT	55°C	[3]
17	UBC-880	GGAGAGGAGAGGAGA	55°C	[3]
18	UBC-810	GAGAGAGAGAGAGAGAT	58°C	[3]
19	UBC-827	ACACACACACACACG	55°C	[3]
20	UBC-857	ACACACACACACACTG	55°C	[4]
21	UBC-854	TCTCTCTCTCTCTCAG	58°C	[4]
22	UBC-813	CTCTCTCTCTCTCTT	55°C	[5]
23	UBC-847	CACACACACACACAAC	55°C	[5]
24	UBC-848	CACACACACACACAGG	55°C	[5]
25	UBC-817	CACACACACACACAA	55°C	[5]
26	DBD	ACACACACACACAC	55°C	[6]
27	IG-O5	GACAGACAGACAGACA	55°C	[7]
28	IG-O3	GAGGGTGGAGGATCT	55°C	[7]
29	IG-O2	AGAGGTGGGCAGGTGG	55°C	[7]
30	IG-19	ACACACACACACTGG	55°C	[7]
31	IG-23	GTGTGTGTGTGTGTACG	58°C	[7]
32	UBC-844	CTCTCTCTCTCTCTGC	55°C	[8]
33	ISSR- 1	GAGAGAGAGAGAGAGAGAC	58°C	[9]
34	UBC-822	TCTCTCTCTCTCTCTCG	55°C	[9]
35	ISSR- 2	GAGAGAGAGAGAGAGAGAA C	55°C	[9]
36	UBC-861	ACCACCACCACCACCT	55°C	[9]
37	ISSR- 3	CCTCCTCCTCCTCCTT	55°C	[9]
38	UBC-868	AAGAGGAGGAGGAGGAGG	52°C	[9]
39	ISSR -4	AACAACAACAACACCC	53°C	[9]
40	UBC-862	AGCAGCAGCAGCAGCAGCT	53°C	[9]

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