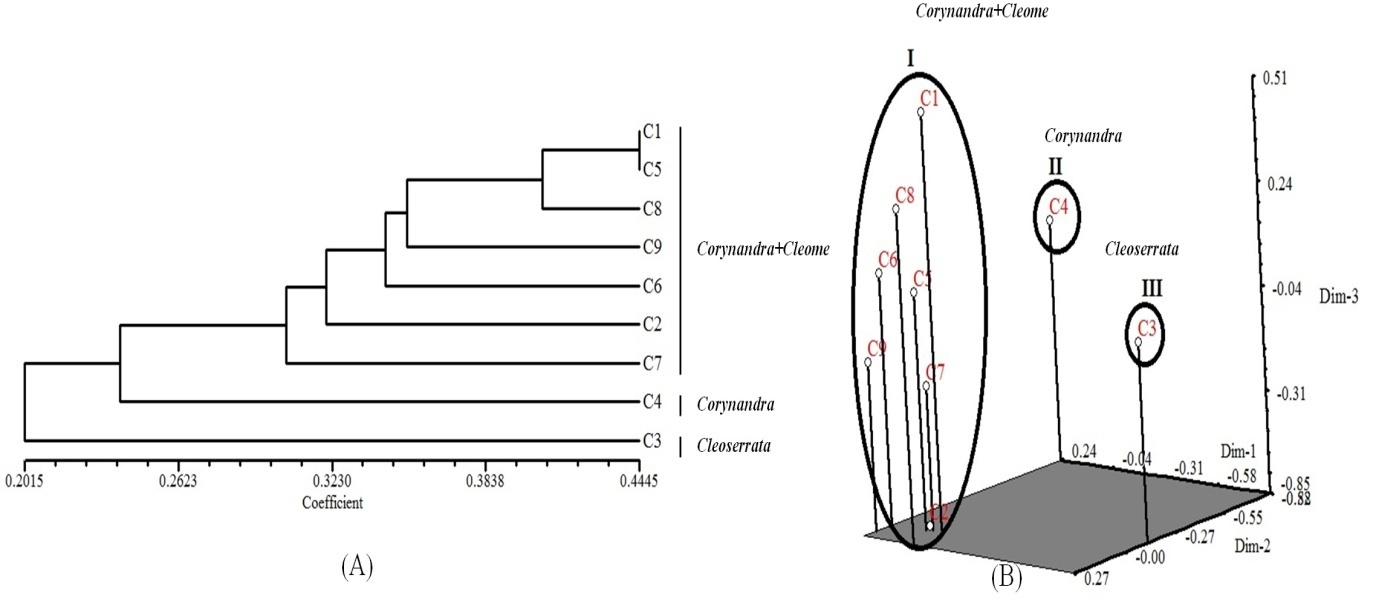
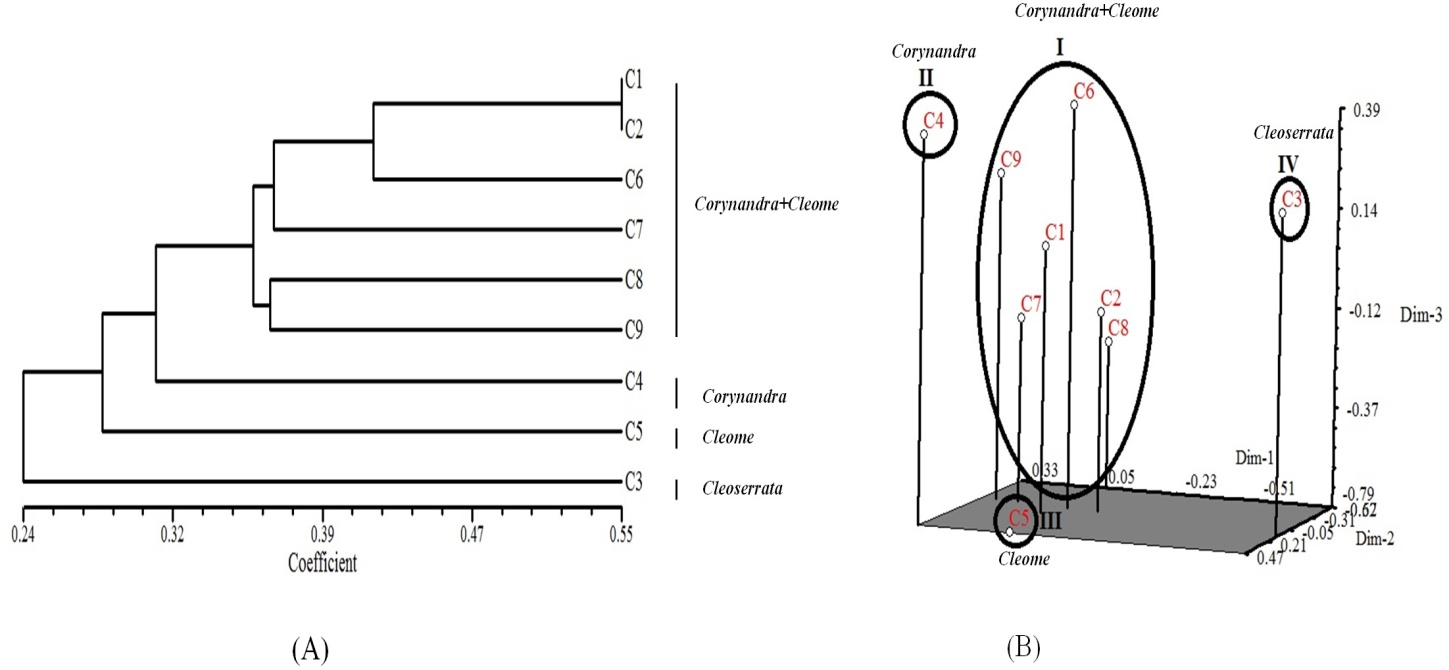
**Supplementary material 1**



**Fig. S1-**(A) - UPGMA dendrogramof 9 species based on selected RAPD markers. (B) PCA

analysis of 9 species based on selected RAPD marker data. C1- *Corynandra viscosa*, C2- *Cleome monophylla*, C3- *Cleoserrata* *speciosa*, C4- *Corynandra chelidonii*, C5- *Cleome simplicifolia*, C6- *Cleome gynandra*, C7- *Cleome rutidosperma*, C8- *Cleome aspera*, C9- *Corynandra felina*

**Supplementary material 2**

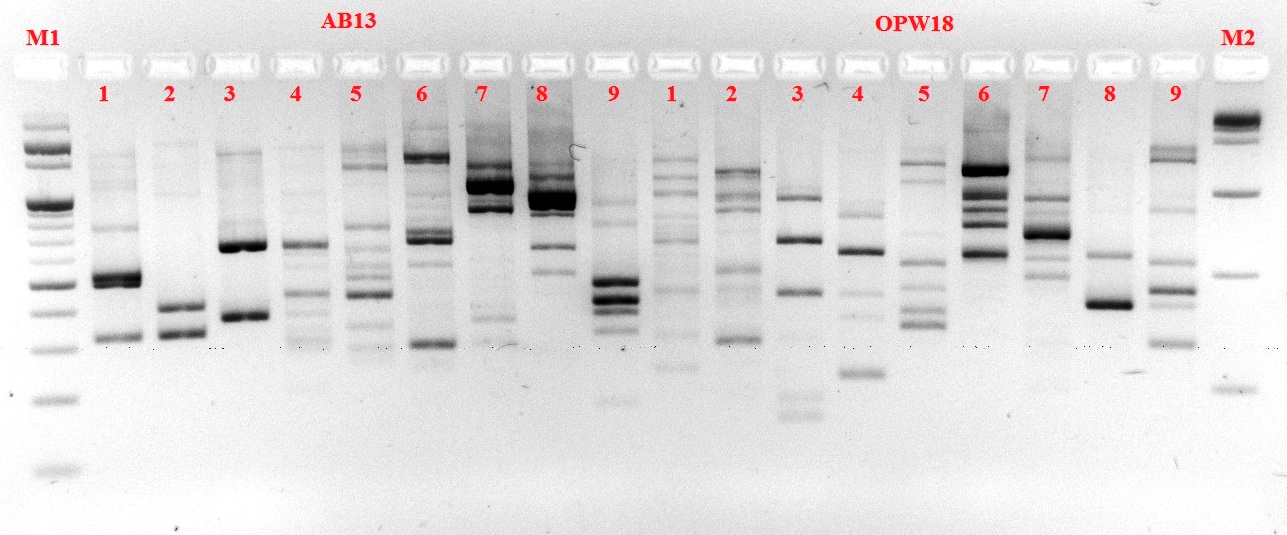


**Fig. S2-**(A) - UPGMA dendrogramof 9 species based on selected ISSR markers. (B) PCA

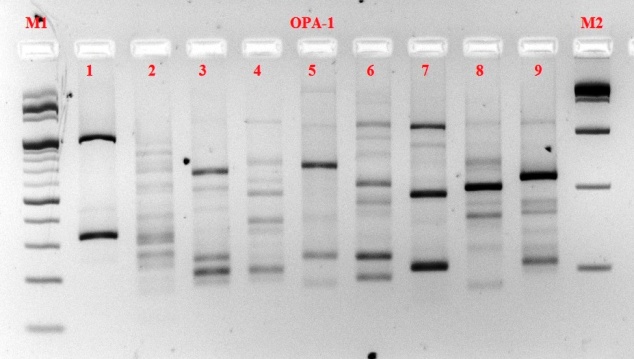
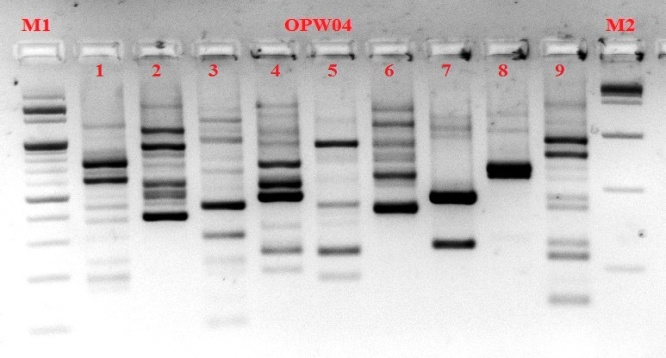
analysis of 9 species based on selected ISSR marker data. C1- *Corynandra viscosa*, C2- *Cleome monophylla*, C3- *Cleoserrata* *speciosa*, C4- *Corynandra chelidonii*, C5-*Cleome simplicifolia*, C6- *Cleome gynandra*, C7- *Cleome rutidosperma*, C8- *Cleome* *aspera*, C9- *Corynandra felina*

**Supplementary material 3**

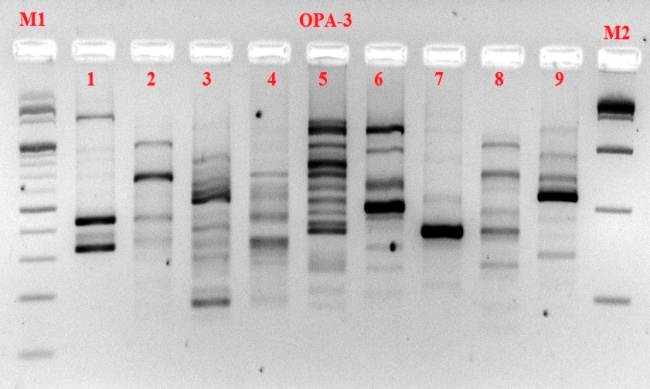
RAPD and ISSR profiles



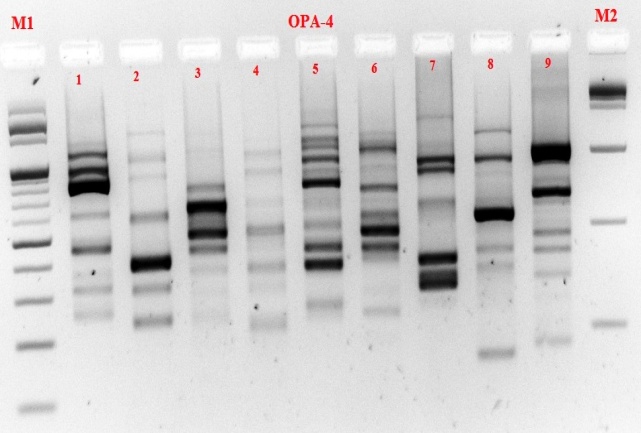
RAPD profile generated by AB 13 and OPW 18 primer. M1-100bp ladder,1-*Corynandra viscosa*,2-*Cleome monophylla*,3-*Cleoserrata speciosa*, 4-*Corynandra chillidoni*, 5-*Cleome simplicifolia*, 6-*Cleome gynandra*, 7-*Cleome rutidosperma*, 8-*Cleome aspera*, 9-*Corynandra felina*, M2-1Kb ladder



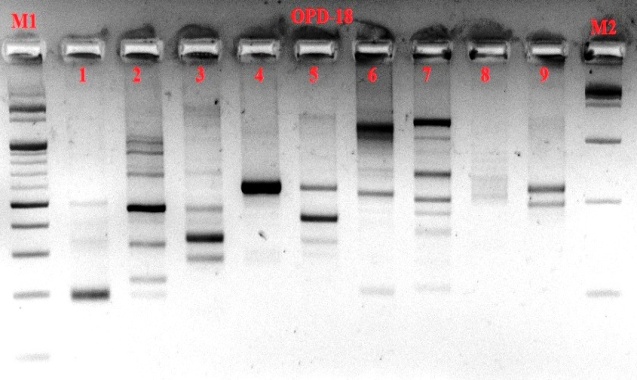
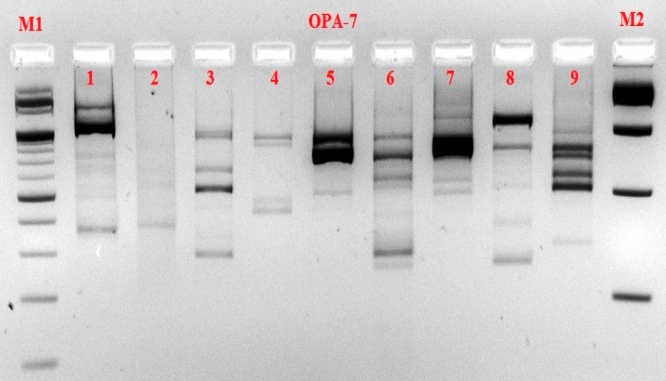
RAPD profile generated by OPW 04 and OPA-1 primer



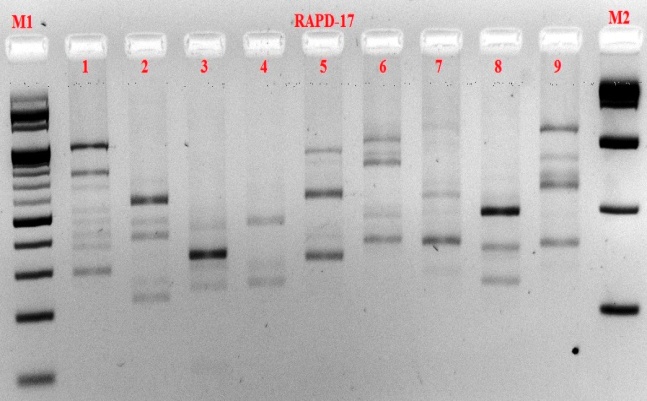
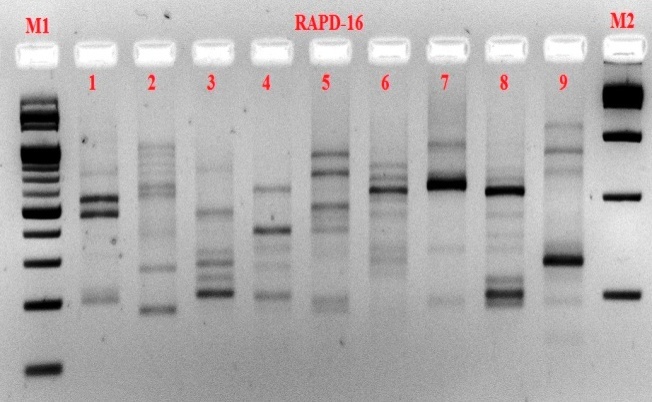
RAPD profile generated by OPA-2and OPA-3 primer

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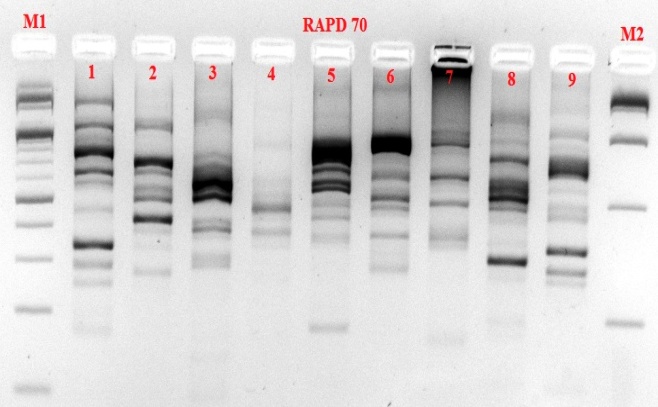
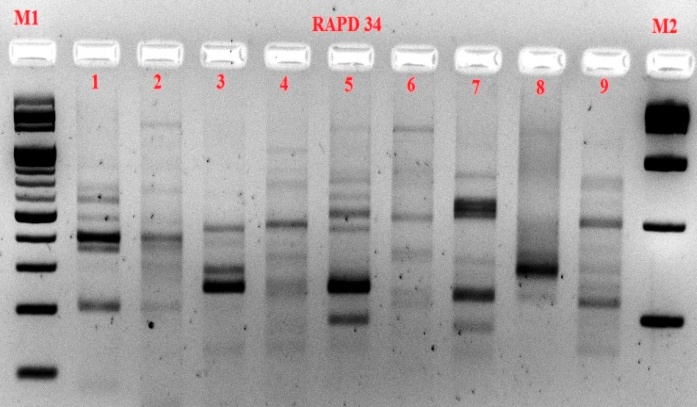
RAPD profile generated by OPA-4 and OPA-5 primer



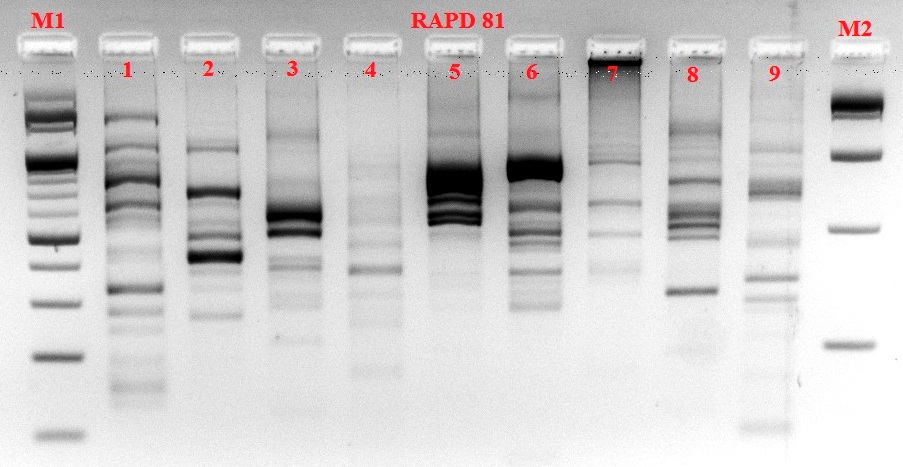
RAPD profile generated by OPA-7and OPD-18 primer



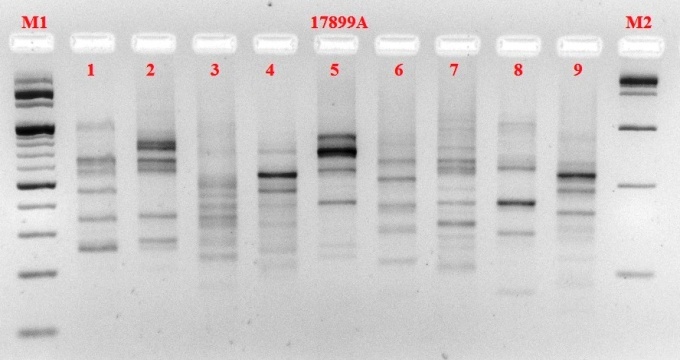
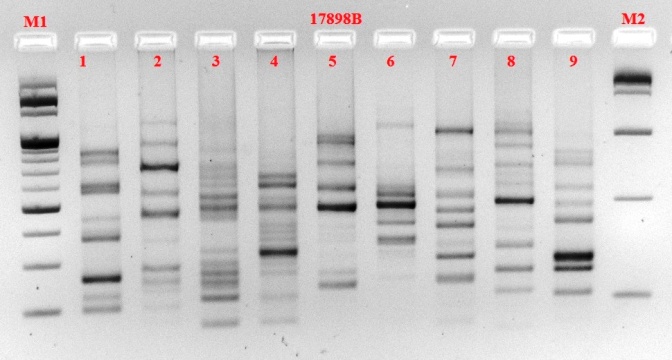
RAPD profile generated by RAPD-16 and RAPD-17 primer



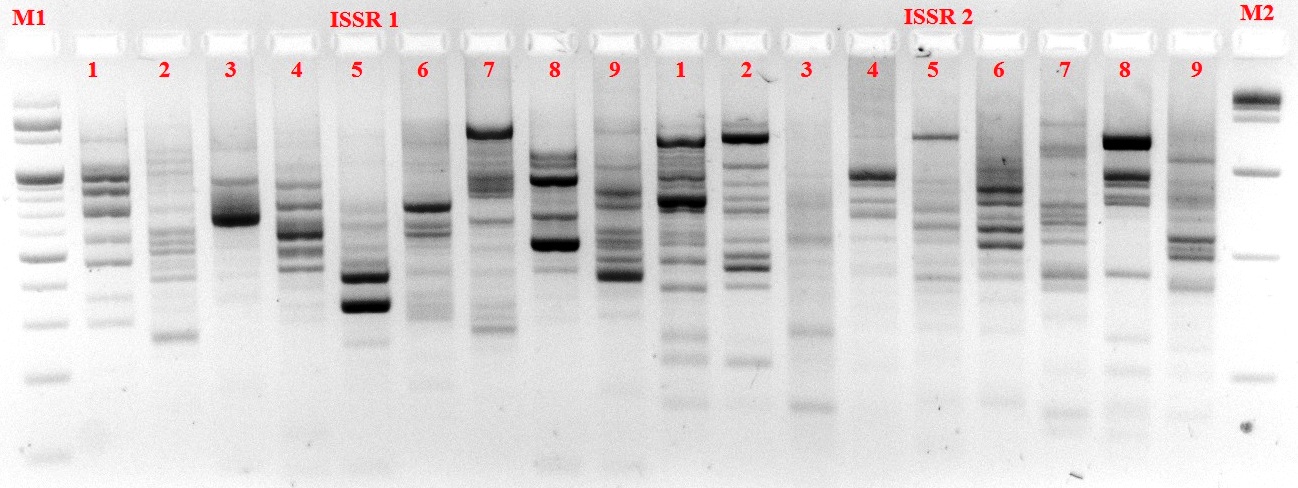
RAPD profile generated by RAPD-16 and RAPD-17 primer



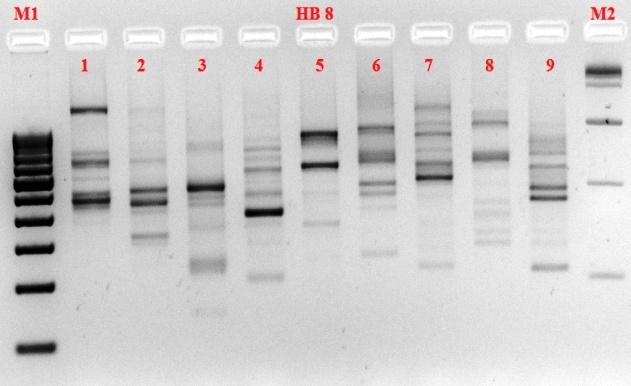
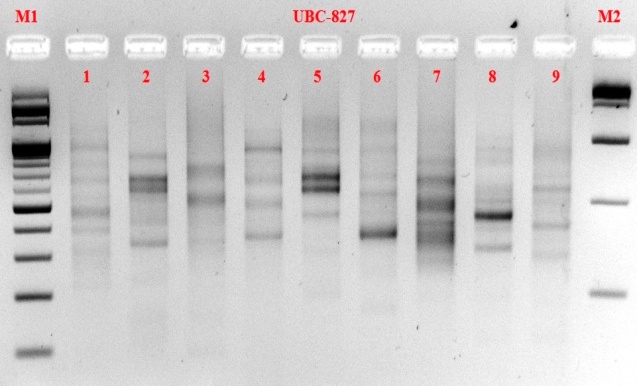
RAPD profile generated by RAPD-81 primer



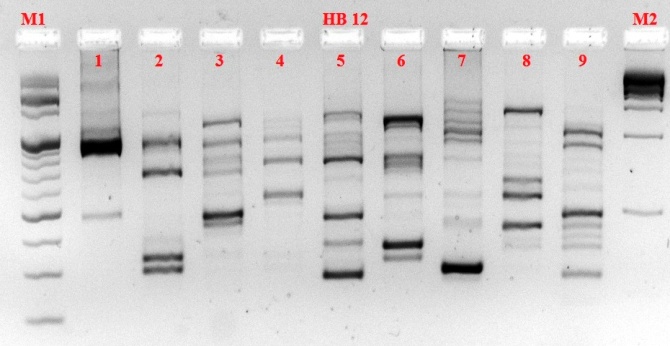
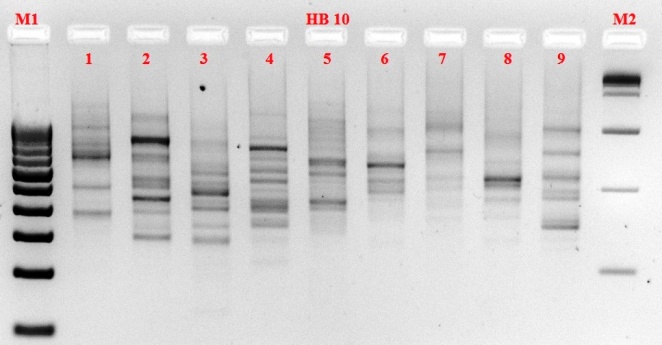
ISSR profile generated by 17898B and 17899A primer



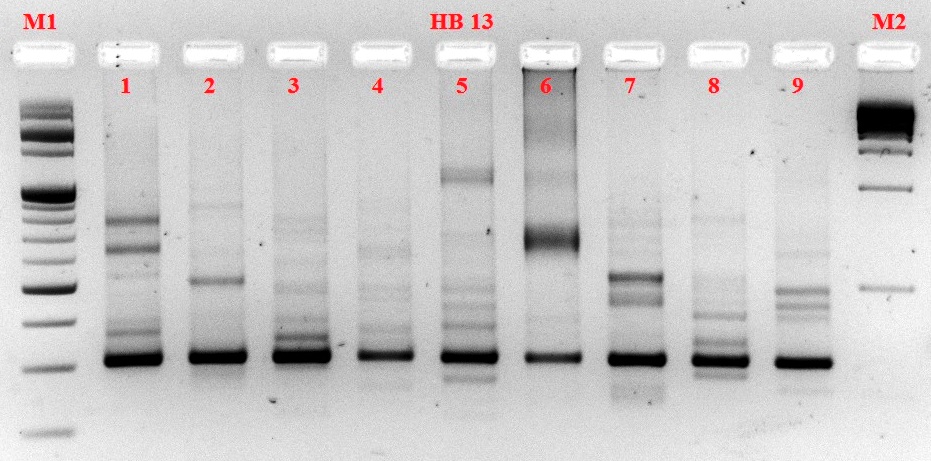
ISSR profile generated by ISSR 1 and ISSR 2 primer



ISSR profile generated by UBC-827 and HB 8 primer



ISSR profile generated by HB 10 and HB 12 primer



ISSR profile generated by HB 13 primer