

Table 4 Polymorphic information content (PIC) and number of scorable bands produced by fifteen RAPD and eight SSRs markers in eighty three *Lens* genotypes

S.No.	Primers	Base sequence	Tm °C	NPB	PIC
RAPD primes					
1	OPA18	5'AGGTGACCGT 3'	45	3	0.76
2	OPA01	5'CAGGCCCTTC3'	45	4	0.24
3	OPA13	5'CAGCACCCAC3'	45	5	0.66
4	OPB11	5'GTAGACCCGT3'	45	4	0.55
5	OPA04	5'AATCGGGCTG3'	45	3	0.20
6	OPB01	5'GTTTCGCTCC3'	45	7	0.72
7	OPC02	5'GTGAGGCGTC3'	45	7	0.73
8	OPA10	5'GTGATCGCAG3'	45	9	0.58
9	OPC18	5'TGAGTGGGTG3'	45	5	0.74
10	OPO11	5'GACAGGAGGT3'	45	5	0.65
11	OPA03	5'AGTCAGCCAC3'	45	5	0.34
12	OPV17	5'ACCGGCTTGT3'	45	7	0.69
13	OPA16	5'AGCCAGCGAA3'	45	11	0.85
14	OPU19	5'GTCAGTGCGG3'	45	5	0.77
15	OPC05	5'GATGACCGCC3'	45	4	0.65
SSR Primers					
1	LC16	5 GACTCCCAACTTGTATG 3 3 GTACATTGAACAGCATCATC 5	53	1	0.00
2	LC02	5 CAAGCATGACGCCTATGAAG 3 3 CTTTCACTCACTCAACTCTC 5	56	3	0.48
3	SSR17	5 GAGATTTCCAATACTGAATA 3 3 TTCTACTTCTTCTTTCTTGA 5	52	2	0.33
4	SSR11	5 CAACCTCACTTACCTTAC 3 3 GCTCTTTATCATCATTCTAC 5	52	4	0.04
5	SSR19	5 TGGTAGCGTAAAAAAGTGTC 3 3 TTTAGTGCTGGTATGATCGC 5	58	1	0.00
6	SSR10	5 CACCAATCACCAACACAC 3 3 GAGCTGTGAAGTCTTATCTG 5	54	4	0.78
7	SSR07	5 CCAGAACAAACGTAAACC 3 3 CTATCGCATATGAGTGAAC 5	52	2	0.42
8	SSR04	5 GGTAGTGGTGAGGAATGAC 3 3 GCATCACTGCAACAGACC 5	55	3	0.10

Note: Tm- Annealing temperature, NPB- number of polymorphic bands, PIC – Polymorphism Information Content