

[illegible]

Table 6. Continued.

ISSR5-PCR																																				
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB	
1 ⁵	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0
2	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0	1	1	1	1	0	1	1	1	0	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
7	1	1	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1	0
8	0	0	1	1	1	0	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
ISSR6-PCR																																				
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB	
1 ⁶	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0	1	0	1	0	1	0	0	0	1	1	1	0	0
2	0	0	1	0	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	0	
3	1	1	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	
4	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	1	0	1	1	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0		
6	0	0	0	1	0	0	1	0	0	1	1	0	0	0	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	
7	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	0	0	1	0	0	0	0	1	1	0	1	1	1	1	0	
8	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	
9	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	0	1	1	1	0	
10	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
11	0	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0
12	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0
13	0	0	1	0	0	1	1	0	0	0	0	1	0	0	1	0	1	1	1	1	0	0	0	1	0	0	1	1	0	1	1	1	0	0	1	0
ISSR7-PCR																																				
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB	
1 ⁷	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	
2	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	0	1	1	0	0	1	1	1	1	1	0	1	0	0	0	0	
3	0	0	0	0	0	0	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	0	1	1	1	0	
4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
6	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ISSR9-PCR																																				
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB	
1 ⁸	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0
2	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	0	0	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
4	1	0	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0	1	0	0	1	0	0	0	0	1	1	0	0	1	1	1
5	1	0	1	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	1	1	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	0	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
7	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	1	0	1	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0

Table 6. Continued.

ISSR10-PCR																																					
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB		
1 ⁹	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
3	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	0	0	1	1	1	1	0	0	0	0	0	1	1	
4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
6	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	
7	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
8	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
IRAP12-PCR																																					
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB		
1 ¹⁰	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1		
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0		
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0		
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1		
7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	1	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	1	0	1	1	1	1	0	0	0	
11	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0
17	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	
18	0	0	0	0	0	1	0	1	0	1	1	0	0	0	1	1	1	1	1	1	0	1	0	0	1	1	0	1	0	1	0	1	0	0	1	0	
19	0	1	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	
20	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	
21	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	
22	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	
23	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	
25	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	
26	1	1	1	1	0	0	0	1	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
27	0	0	0	0	1	0	1	0	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	
28	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0
29	0	1	1	1	0	1	1	1	1	0	1	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	
30	0	0	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	
31	1	0	0	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
32	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	
33	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
34	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
35	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
IRAP14-PCR																																					
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB		
1 ¹¹	0	0	0	0	0	0	0	0	0																												

Table 6. Continued.

IRAP14-PCR																																				
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB	
10	1	0	0	1	0	1	0	0	1	0	1	1	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	0	0	1	1	1	0	0	1	1
11	1	1	1	1	0	1	1	1	0	0	1	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1
12	0	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1
13	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	1	1	0	0	1	1	0	1	0	0	
14	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	
15	1	0	1	0	0	0	1	1	1	0	1	1	0	1	1	0	1	1	0	0	1	1	1	0	1	1	1	0	0	1	0	1	0	1	1	0
16	0	1	1	1	0	1	1	0	0	1	1	0	0	0	0	1	1	1	0	0	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
IRAP9-PCR																																				
Samples	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCHIA	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB	
1 ¹²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
2	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	1	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	
5	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	1	0	1	1	1	1	
7	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
8	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	
11	0	1	0	1	1	1	0	1	1	1	1	0	0	0	1	1	0	1	1	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
13	0	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	1	0	0	1	0	0	1	1
14	0	1	1	1	0	1	1	1	1	0	1	0	0	0	1	0	1	1	1	0	1	1	0	0	0	0	1	1	0	1	1	0	0	0	0	
15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
16	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	1	1	0	1	1	0	0	1	1	1	0	0	0	0	0	0	1	0
17	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	1	1	0	0	1	0	1	1	1	0	0	0	1	0	1	0	1
18	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

¹, 1) 1700 bp, 2) 1552 bp, 3) 1360 bp, 4) 1263 bp, 5) 1090 bp, 6) 938 bp, 7) 882 bp, 8) 815 bp, 9) 755 bp, 10) 445 bp², 1) 1197 bp, 2) 1065 bp, 3) 920 bp, 4) 876 bp, 5) 744 bp, 6) 714 bp, 7) 662 bp, 8) 660 bp, 9) 590 bp, 10) 519 bp, 11) 470 bp³, 1) 1676 bp, 2) 1477 bp, 3) 1406 bp, 4) 1008 bp⁴, 1) 1884 bp, 2) 1685 bp, 3) 1569 bp, 4) 1472 bp, 5) 1420 bp, 6) 1241 bp, 7) 936 bp, 8) 799 bp, 9) 564 bp⁵, 1) 1530 bp, 2) 1260 bp, 3) 1210 bp, 4) 1180 bp, 5) 1076 bp, 6) 823 bp, 7) 432 bp, 8) 400 bp, 9) 368 bp⁶, 1) 1333 bp, 2) 1175 bp, 3) 1076 bp, 4) 970 bp, 5) 826 bp, 6) 761 bp, 7) 703 bp, 8) 670 bp, 9) 575 bp, 10) 516 bp, 11) 453 bp, 12) 348 bp, 13) 270 bp⁷, 1) 1689 bp, 2) 1300 bp, 3) 775 bp, 4) 730 bp, 5) 656 bp, 6) 535 bp, 7) 456 bp, 8) 399 bp, 9) 340 bp, 10) 281 bp⁸, 1) 533 bp, 2) 464 bp, 3) 420 bp, 4) 373 bp, 5) 341 bp, 6) 332 bp, 7) 287 bp⁹, 1) 593 bp, 2) 502 bp, 3) 480 bp, 4) 398 bp, 5) 356 bp, 6) 287 bp, 7) 240 bp, 8) 160 bp¹⁰, 1) 2027 bp, 2) 1768 bp, 3) 1597 bp, 4) 1417 bp, 5) 1287 bp, 6) 1169 bp, 7) 1044 bp, 8) 758 bp, 9) 630 bp, 10) 581 bp, 11) 496 bp, 12) 433 bp, 13) 378 bp, 14) 341 bp, 15) 288 bp, 16) 216 bp, 17) 192 bp .. 35) 124 bp¹¹, 1) 1844 bp, 2) 1736 bp, 3) 1601 bp, 4) 1532 bp, 5) 1391 bp, 6) 1250 bp, 7) 1083 bp, 8) 758 bp, 9) 630 bp, 10) 581 bp, 11) 496 bp, 12) 433 bp, 13) 378 bp, 14) 341 bp, 15) 288 bp, 16) 250 bp, 17) 217 bp¹², 1) 1426 bp .. 20) 164 bp,

Table 7. ISSR Jaccard's coefficient similarity matrix by % ratio

Specimens	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCH1A	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1		74	62	52	57	47	52	60	56	57	60	57	46	59	52	63	55	54	52	47	46	37	50	56	62	49	50	60	59	55	50	52	46	47	13
2	74		59	52	57	50	55	57	53	60	57	54	43	56	55	57	61	54	55	42	46	33	53	46	58	52	50	53	59	49	50	52	46	50	13
3	62	59		60	71	57	67	64	69	64	61	60	50	62	58	66	65	69	65	56	56	36	57	56	62	58	59	63	63	64	60	62	56	51	14
4	52	52	60		66	44	53	55	57	62	55	46	43	54	50	55	56	52	53	45	44	42	54	50	51	47	51	65	54	53	51	56	57	58	14
5	57	57	71	66		62	65	53	67	69	56	56	57	70	59	64	60	61	63	57	63	33	58	61	60	63	60	72	61	56	61	73	67	52	12
6	47	50	57	44	62		54	56	52	56	50	53	48	55	48	50	48	56	60	46	45	29	52	42	57	54	64	49	58	54	58	54	48	52	13
7	52	55	67	53	65	54		63	70	63	57	62	56	67	68	59	63	67	67	67	60	27	67	56	61	63	67	65	67	71	56	69	67	56	12
8	60	57	64	55	53	56	63		73	59	62	65	44	58	54	61	54	61	63	55	57	30	58	46	72	60	61	56	64	68	65	54	55	56	17
9	56	53	69	57	67	52	70	73		67	64	60	51	65	64	66	64	71	65	62	64	30	63	54	73	64	62	63	60	66	63	67	65	55	16
10	57	60	64	62	69	56	63	59	67		69	59	52	67	60	61	63	61	60	55	60	30	58	52	69	66	64	65	64	71	58	66	60	62	13
11	60	57	61	55	56	50	57	62	64	69		75	46	64	69	64	57	67	49	58	57	30	58	44	66	54	61	62	71	74	62	63	57	59	13
12	57	54	60	46	56	53	62	65	60	59	75		52	72	71	64	60	64	54	63	63	25	58	49	68	65	72	64	73	76	64	65	60	56	10
13	46	43	50	43	57	48	56	44	51	52	46	52		54	47	52	50	52	50	48	47	32	45	53	56	47	54	57	48	53	43	56	56	48	13
14	59	56	62	54	70	55	67	58	65	67	64	72	54		76	68	67	71	62	68	70	27	69	60	70	67	74	76	72	75	54	74	68	55	12
15	52	55	58	50	59	48	68	54	64	60	69	71	47	76		73	66	73	61	73	66	27	70	53	61	63	64	59	67	68	51	66	61	56	12
16	63	57	66	55	64	50	59	61	66	61	64	64	52	68	73		62	72	63	66	65	29	63	67	68	62	63	61	60	64	53	68	63	50	12
17	55	61	65	56	60	48	63	54	64	63	57	60	50	67	66	62		71	61	59	58	28	71	47	61	61	61	59	62	66	51	61	55	57	15
18	54	54	69	52	61	56	67	61	71	61	67	64	52	71	73	72	71		69	66	65	29	69	57	68	59	66	58	72	75	61	68	63	53	12
19	52	55	65	53	63	60	67	63	65	60	49	54	50	62	61	63	61	69		53	53	33	59	53	56	55	59	54	59	58	63	64	62	54	11
20	47	42	56	45	57	46	67	55	62	55	58	63	48	68	73	66	59	66	53		67	24	65	60	59	64	59	57	60	69	54	61	56	55	12
21	46	46	56	44	63	45	60	57	64	60	57	63	47	70	66	65	58	65	53	67		26	62	62	67	76	64	62	65	63	54	67	61	48	13
22	37	33	36	42	33	29	27	30	30	30	30	25	32	27	27	29	28	29	33	24	26		29	32	25	26	24	31	26	25	31	28	30	33	14
23	50	53	57	54	58	52	67	58	63	58	58	58	45	69	70	63	71	69	59	65	62	29		54	59	62	65	57	69	70	49	62	59	55	13
24	56	46	56	50	61	42	56	46	54	52	44	49	53	60	53	67	47	57	53	60	62	32	54		54	59	54	57	48	50	45	65	63	45	08
25	62	58	62	51	60	57	61	72	73	69	66	68	56	70	61	68	61	68	56	59	67	25	59	54		67	73	65	68	77	60	61	56	57	15
26	49	52	58	47	63	54	63	60	64	66	54	65	47	67	63	62	61	59	55	64	76	26	62	59	67		70	59	65	66	59	64	58	57	13
27	50	50	59	51	60	64	67	61	62	64	61	72	54	74	64	63	61	66	59	59	64	24	65	54	73	70		69	72	78	60	70	68	63	10
28	60	53	63	65	72	49	65	56	63	65	62	64	57	76	59	61	59	58	54	57	62	31	57	57	65	59	69		67	67	52	69	66	58	09
29	59	59	63	54	61	58	67	64	60	64	71	73	48	72	67	60	62	72	59	60	65	26	69	48	68	65	72	67		79	60	62	59	52	11
30	55	49	64	53	56	54	71	68	66	71	74	76	53	75	68	64	66	75	58	69	63	25	70	50	77	66	78	67	79		61	68	66	62	13
31	50	50	60	51	61	58	56	65	63	58	62	64	43	54	51	53	51	61	63	54	54	31	49	45	60	59	60	52	60	61		69	63	55	16
32	52	52	62	56	73	54	69	54	67	66	63	65	56	74	66	68	61	68	64	61	67	28	62	65	61	64	70	69	62	68	69		93	60	11
33	46	46	56	57	67	48	67	55	65	60	57	60	56	68	61	63	55	63	62	56	61	30	59	63	56	58	68	66	59	66	63	93		60	11
34	47	50	51	58	52	52	56	56	55	62	59	56	48	55	56	50	57	53	54	55	48	33	55	45	57	57	63	58	52	62	55	60	60		17
35	13	13	14	14	12	13	12	17	16	13	13	10	13	12	12	12	15	12	11	12	13	14	13	08	15	13	10	09	11	13	16	11	11	17	

Table 8. IRAP Jaccard's coefficient similarity matrix by % ratio

Specimens																																			
	L2A	L2B	L11A	L11B	L16A	L16B	L16C	L17A	L17B	L17C	L18A	L19A	L28A	L28B	L29A	L21B	L22A	L22B	L23A	L24A	L25A	L26A	L30A	L33A	L33B	L34A	LEU	LCH1A	LCES1	LCES2	LG1	LG2	LG3	LZB	LBB
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1		30	29	35	25	25	28	29	31	27	34	44	24	39	43	37	33	22	27	28	46	25	23	18	35	39	26	28	32	32	30	41	33	37	35
2	30		46	44	37	53	39	30	24	33	38	23	18	26	27	41	28	31	37	19	31	28	18	18	15	28	32	33	22	19	28	23	23	22	29
3	29	46		28	26	38	55	35	32	23	39	30	14	24	26	25	26	39	28	13	31	38	15	09	20	27	31	38	24	24	20	20	21	24	25
4	35	44	28		25	45	27	31	29	30	33	35	24	27	47	38	35	35	32	34	45	29	17	20	24	43	39	34	21	31	36	21	28	24	40
5	25	37	26	25		30	30	26	33	24	29	26	20	25	27	30	27	24	28	30	38	27	36	20	26	32	28	25	21	25	28	26	26	30	22
6	25	53	38	45	30		41	40	27	31	36	23	11	29	39	32	33	36	44	28	41	26	13	15	22	37	37	35	22	32	33	19	26	22	34
7	28	39	55	27	30	41		44	36	27	42	24	24	45	29	21	33	38	30	23	46	43	23	24	29	39	39	42	23	32	34	24	33	19	28
8	29	30	35	31	26	40	44		36	37	34	21	25	33	38	29	26	37	33	28	39	36	20	25	40	34	42	32	24	28	34	21	33	28	28
9	31	24	32	29	33	27	36	36		25	44	31	17	26	27	19	31	31	32	18	32	45	31	17	38	36	32	34	26	34	32	27	31	26	26
10	27	33	23	30	24	31	27	37	25		33	23	23	27	21	50	36	45	33	31	38	35	27	42	45	29	42	41	31	19	22	33	37	27	27
11	34	38	39	33	29	36	42	34	44	33		34	21	34	41	40	48	44	56	24	47	41	34	24	31	49	45	37	33	30	38	35	38	37	42
12	44	23	30	35	26	23	24	21	31	23	34		25	38	38	29	37	37	37	37	39	31	33	15	46	38	31	32	41	32	47	35	48	41	28
13	24	18	14	24	20	11	24	25	17	23	21	25		30	26	30	27	19	21	35	21	33	24	43	19	19	23	24	19	15	23	19	20	24	14
14	39	26	24	27	25	29	45	33	26	27	34	38	30		43	32	29	26	27	42	46	36	39	24	48	48	34	28	28	28	30	41	50	28	28
15	43	27	26	47	27	39	29	38	27	21	41	38	26	43		44	44	33	46	36	59	27	25	17	39	55	42	25	29	36	42	26	33	36	32
16	37	41	25	38	30	32	21	29	19	50	40	29	30	32	44		36	36	42	31	33	26	24	25	33	37	37	28	31	21	27	25	25	35	34
17	33	28	26	35	27	33	33	26	31	36	48	37	27	29	44	36		56	52	36	47	35	38	31	34	45	45	40	32	32	49	39	30	44	29
18	22	31	39	35	24	36	38	37	31	45	44	37	19	26	33	36	56		52	29	42	45	33	23	43	45	57	44	40	40	38	30	33	29	26
19	27	37	28	32	28	44	30	33	32	33	56	37	21	27	46	42	52	52		33	38	28	33	18	31	40	47	39	39	36	47	38	30	33	38
20	28	19	13	34	30	28	23	28	18	31	24	37	35	42	36	31	36	29	33		38	25	28	29	38	37	37	27	24	35	33	29	52	35	24
21	46	31	31	45	38	41	46	39	32	38	47	39	21	46	59	33	47	42	38	38		43	35	32	55	53	48	38	33	38	48	36	44	38	32
22	25	28	38	29	27	26	43	36	45	35	41	31	33	36	27	26	35	45	28	25	43		50	26	45	41	46	46	25	30	28	32	31	30	19
23	23	18	15	17	36	13	23	20	31	27	34	33	24	39	25	24	38	33	33	28	35	50		18	41	39	34	28	32	23	34	48	33	42	21
24	18	18	09	20	20	15	24	25	17	42	24	15	43	24	17	25	31	23	18	29	32	26	18		32	19	28	19	15	11	19	25	25	15	14
25	35	15	20	24	26	22	29	40	38	45	31	46	19	48	39	33	34	43	31	38	55	45	41	32		45	45	29	33	33	35	43	52	33	18
26	39	28	27	43	32	37	39	34	36	29	49	38	19	48	55	37	45	45	40	37	53	41	39	19	45		50	33	33	45	35	35	42	37	39
27	26	32	31	39	28	37	39	42	32	42	45	31	23	34	42	37	45	57	47	37	48	46	34	28	45	50		45	33	41	38	35	42	37	33
28	28	33	38	34	25	35	42	32	34	41	37	32	24	28	25	28	40	44	39	27	38	46	28	19	29	33	45		40	31	41	38	32	31	34
29	32	22	24	21	21	22	23	24	26	31	33	41	19	28	29	31	32	40	39	24	33	25	32	15	33	33	33	40		40	41	33	32	40	24
30	32	19	24	31	25	32	32	28	34	19	30	32	15	28	36	21	32	40	36	35	38	30	23	11	33	45	41	31	40		33	38	37	31	24
31	30	28	20	36	28	33	34	34	32	22	38	47	23	30	42	27	49	38	47	33	48	28	34	19	35	35	38	41	41	33		27	42	37	30
32	41	23	20	21	26	19	24	21	27	33	35	35	19	41	26	25	39	30	38	29	36	32	48	25	43	35	35	38	33	38	27		40	33	25
33	33	23	21	28	26	26	33	33	31	37	38	48	20	50	33	25	30	33	30	52	44	31	33	25	52	42	42	32	32	37	42	40		37	32
34	37	22	24	24	30	22	19	28	26	27	37	41	24	28	36	35	44	29	33	35	38	30	42	15	33	37	37	31	40	31	37	33	37		28
35	35	29	25	40	22	34	28	28	26	27	42	28	14	28	32	34	29	26	38	24	32	19	21	14	18	39	33	34	24	24	30	25	32	28	

