

marker	repeat	repeat_type	SRR305166_readno	primer_f	primer_r	Tm_f	Tm_r	expected_fragment_size	N _{alleles}	size range (bp)
Lat01	(AT)8	di-repeat	100157	TCGTCATTAGGGACACGCC	TGACGCGTTTCCATTTCCGG	60.23	59.87	301		
Lat02	(AG)6	di-repeat	191744	AAGATCACGGAGGCGATCC	TCACTCACTGCGAAGGTGG	60.01	60.38	242		
Lat03	(AT)8	di-repeat	179145	ATAACTTGCCGCCACGGAG	GGTACTCGAATGCACACTCTTG	61.2	60.08	231		
Lat04	(AT)7	di-repeat	210618	TCCATCCTTCATGGCGGTC	ACGTTCTGCAGCTTTGACG	60.23	59.79	351		
Lat05	(AT)6	di-repeat	213571	GGTTCGGCCTTTGCTAGTC	GTTGCTGCCTTCTAAGCG	59.27	59.94	176	2	192-194
Lat06	(AT)6	di-repeat	293080	GAATGGACAACGGCCACAG	AGGACGGAACCGACCATAC	59.86	59.56	397		
Lat07	(GCT)6	tri-repeat	160768	ACGGTTGGTTACAGTCGGG	CCGGAACATCACGTCAAGC	60.38	59.94	290		
Lat08	(GGT)4	tri-repeat	236061	GTGGCTGTAGACCGGGTAG	AAGAAGCGCCGCAAAGTTC	59.93	60.45	375	3	389-394
Lat09	(AGC)8	tri-repeat	210681	CGCCCTTGTAATCTCAGC	GCCATCTTCAAGTCACCAACG	59.64	60.55	220	6	229-244
Lat10	(GAT)4	tri-repeat	130020	TCGTGTGAAGGGTTGAGGC	TGTCACACTGCGAACCC	60.68	60.68	225		
Lat11	(AAC)4	tri-repeat	329446	GCGCCAACGATCAGTATCC	TCAGTGGCCTGTCACTACG	59.50	59.78	171		
Lat12	(GGT)7	tri-repeat	307144	TACGGTAGAACGGTCGCTG	GTGTCACACTGCGAAGC	59.94	59.87	297		
Lat13	(CT)6	di-repeat	131242	CCGTGCGACGTATTTGGTC	CACTGCGAAGGGCAGATAAC	60.01	59.73	212		
Lat14	(CA)6	di-repeat	132283	CCCTACCACTTCGAGTGCC	GTACGTCCTTCGGGACACC	60.53	60.53	235		
Lat15	(CA)6	di-repeat	135701	ACGGGTAGAAAGGACGGTG	TACGCTGTAGAGCAGTCCG	59.78	59.64	150	5	163-171
Lat16	(GA)7	di-repeat	137304	CGGAGGATCCCAGATGGC	CTGTCACACTGCGAAGC	60.01	59.58	348		
Lat17	(TA)9	di-repeat	140102	CCCTTGGACCTTGACAAC	GTACCGGGAACGGGAAACC	58.72	61.12	253		
Lat18	(TA)5	di-repeat	143539	TTTCACATCTCGGACGGGC	TGCGCAGGATCTGTTCAAGG	60.83	60.83	254	4	271-277
Lat19	(GT)13	di-repeat	147678	GAAACGTGCTAGACGCTGG	GTACGATTGCGTCCATGCC	59.65	60.09	169	27	174-233
Lat20	(GC)6	di-repeat	152716	GGGCCAAGCATTGCGATAG	TTAAGGGTCCCGGAAAGCG	60.08	60.46	311		
Lat21	(CT)13	di-repeat	157991	AGCTTCTTGGGCGGTTTC	CCTCGTGTGGCCTTCGG	59.41	60.82	312		
Lat22	(CG)6	di-repeat	280958	CCGTCCGGTTACCTTTGAC	TCTGTCGCTTTGACGCG	58.91	61.15	282		
Lat23	(CAG)5	tri-repeat	110848	GCTGTGAGCTCGAGGATTTTC	TACGGAGTACGTTCCGGTGG	59.45	59.57	387		
Lat24	(CGT)6	tri-repeat	142768	GACCCTCCCGTACGAAACC	CCTACCACAGTACGGAACG	60.53	60.57	340		
Lat25	(TGC)6	tri-repeat	160375	CGCGTGTTACCATCGTCAG	TCTTCGCTGTTCCGAGGAC	59.73	60.16	192	2	219-223
Lat26	(TGC)6	tri-repeat	172368	CTGGTCGTCTGCATTCTGG	CAGTTTCGTGCGCTACTGC	58.98	59.65	259		
Lat27	(GAT)4	tri-repeat	180792	AGCTGTCTTGACCTGGCG	GACGAAAGCAGGAAAGGTCG	60.40	59.94	242		
Lat28	(GAC)3	tri-repeat	192623	CGGATACGTAACGACGAG	TGCGAATGGCGGTAGATCG	60.52	61.04	321		
Lat29	(TGC)7	tri-repeat	212432	CTGCTGCTCGCCATTCATC	GTCACACTGCGAAAGGG	60.09	59.20	151		
Lat30	(GCT)4	tri-repeat	224821	GGGCAGTGGTCGTAGATCC	CACCATTGCGCTGCAAGTC	60.31	60.23	281		
Lat31	(CAG)3	tri-repeat	253424	CGTACGTGCCAACGATGAG	TCCACTCACTGCGAAGAGC	59.73	60.45	389		
Lat32	(GCT)6	tri-repeat	301446	CGGAAGATCCACGCGATTG	CACACGAACAAGTACCGGC	59.80	59.87	316		

Lat33	(CT)6	di-repeat	201581	ATCCCGTCTTTCTCGGTGG	GTGGCTCGCGATTCAAGG	59.86	60.30	176	3	195-199
Lat34	(AT)6	di-repeat	203232	AGAACAAGACCGCTCAGGC	AGGGCGGTTCTTCTACGAG	60.75	59.56	229	7	238-250
Lat35	(TA)10	di-repeat	283134	TGTCAAGGACCGCTTTGGG	CTCACTGCGAAGAGCCAAC	60.99	59.57	160		
Lat36	(GA)10	di-repeat	231456	GGTTCGAATCCCAGCTACG	CCTCGGTCAGTCTCAGTGG	58.76	59.86	292		
Lat37	(GT)7	di-repeat	278229	GTGGTGCGCAGGAAAGTG	GACCACCTTGAGACCTCCG	60.09	60.16	330	6	348-358
Lat38	(TGC)5	tri-repeat	208821	AGCCAGTAACCGACGAAGG	GTCCCGGTTGATAAACGC	60.16	59.72	275		
Lat39	(GCT)8	tri-repeat	208854	TCTTCTCGACCCACTCGTTG	CCTGTCACTCACTGCGAAC	60.15	59.21	191		
Lat40	(CGA)6	tri-repeat	240939	CACGCGACTTTCTAAGCG	CTCACTGCGAAGTTGGTGC	60.02	60.16	166		
Lat41	(CAG)8	tri-repeat	241080	TGAGCCCGATAGCACCAAG	CCTCCGGAATAGCCACCTC	60.23	60.01	197		
Lat42	(GAT)6	tri-repeat	241630	ACTGGGTAAGGGAAGGATGC	TCTACGGAGGGTTATCGAGC	59.86	59.15	151		