

Information on primers in 12 nuclear simple sequence repeats(nSSR) loci

Locus	Ta(°C)	Motif	Primer Sequence (5'-3')	Allele size (bp)	Reference
GOT021	56	AT	AGAAAGTTCCAGGGAAAGCA CTTCGTCCCCAGTTGAATGT	111-128	Durand <i>et al.</i> 2010
FIR026	56	TC	CTTCATGCACCAATTCCTCA GGCCATGTATGTGTGCAAAA	208-217	Durand <i>et al.</i> 2010
QmC00716	56	TC	AAGAGAACCCATTCCATCCCTGA GTTTCCCGAACAGTGGTTTCTTGA	261-287	Ueno <i>et al.</i> 2008
POR017	54	CT	CCCATATCCCTCTACGAAAGAA CTGGAGATGACATAGTGTCTCAAA	140-169	Durand <i>et al.</i> 2010
FIR015	56	AC	ACCCTAAAACCCCAATCACC CGGATCTTCGGCTATTCTTG	128-138	Durand <i>et al.</i> 2010
QmC00932	54	TC	AGGCTCAAAAACAAAACCAAACCG GTTTCCCCTTTCCATAATCAAACCTT	247-260	Ueno <i>et al.</i> 2008
DN950446	56	AG	TCTCTTTCTCCGTCCATTATCGC GTTTCTCCACAGACCCCATTTCC	155-185	Ueno & Tsumura. 2008
WAG068	56	AG	TCTGCAACAAAACCAAACAC CGGAGGAGAGAGTCAGCAAC	165-195	Durand <i>et al.</i> 2010
PIE271	56	TC	CACACTACCAACCCTACCC GTGCGGTTGTAGACGGAGAT	197-247	Durand <i>et al.</i> 2010
QmC02052	56	AG	CACACCCAGATCCACAAAACCTCC GTTTGCCCTCTACGGTCTCCCTCTT	250-300	Ueno <i>et al.</i> 2008
GOT011	56	TC	CCCACCGTCTACTCTCAAA GCGTTCACCACGTCCATAAT	197-255	Durand <i>et al.</i> 2010
WAG066	56	AG	AACCTGTTTGGCTTCGTGTG AACAAAAGATTGGGAGGTGC	128-244	Durand <i>et al.</i> 2010

Cited references:

- Durand, J., Bodénès, C., Chancerel, E., Frigerio, J., Vendramin, G., Sebastiani, F., ...Alberto, F., Dumoulin, P., Guichoux, E., Daruvar, A., Kremer, A., & Plomion, C. (2010). A fast and cost-effective approach to develop and map EST-SSR markers: oak as a case study. *BMC Genomics*, 11, 570. <https://doi.org/10.1186/1471-2164-11-570>
- Ueno, S., & Tsumura, Y. (2008). Development of ten microsatellite markers for *Quercus mongolica* var. *crispula* by database mining. *Conservation Genetics*, 9(4), 1083-1085. <https://doi.org/10.1007/s10592-007-9462-4>
- Ueno, S., Taguchi, Y., & Tsumura, Y. (2008). Microsatellite markers derived from *Quercus mongolica* var. *crispula* (Fagaceae) inner bark expressed sequence tags. *Genes & Genetic Systems*, 83(2), 179-87. <https://doi.org/10.1266/ggs.83.179>