

On-line Suppl. Material. DNA sequence similarity of repeat regions across the genome sequence of *E. grandis* in Phytozome, the SSR source sequence from NCBI and the allele sequences of all the loci analyzed.

Name of the SSR Loci: ECc1

Table with 3 columns: Locus name, DNA sequence, and repeat count. Loci include GQ302860.1, Eucgr.A01897, ET86A, Et86B, Eg9A, Eg9B, EtEgH1A, EtEgH1B, EtEgH2A, EtEgH2B, Et217, Ec17, EtEcH1, and EtEcH2.

Name of the SSR Loci: ECc2

Table with 3 columns: Locus name, DNA sequence, and repeat count. Loci include GQ302861.1, Eucgr.E01093, Et86, Eg9, H1, H2, ET217, EC17, EtEcH1, and EtEcH2.

Name of the SSR Loci: Eg61

Table with 3 columns: Locus name, DNA sequence, and repeat count. Loci include EU699745.1, Eucgr.G02313, Et86, Eg9, EtEgH1, EtEgH2, Et217, Ec17, EtEcH1, and EtEcH2.

Name of the SSR Loci: Embra100

Table with 3 columns: Locus name, DNA sequence, and repeat count. Loci include BV682837.2, Eucgr.A02047, Et86, Eg9, EtEgH1, EtEgH2, Et217, Ec17, EtEcH1, and EtEcH2.

Name of the SSR Loci: EMBRA1468

Table with 3 columns: Locus name, DNA sequence, and repeat count. Loci include GF101903.1, Eucgr.H00849, Et86, Eg9, EtEgH1, EtEgH2, Et217, Ec17, EtEcH1, and EtEcH2.

Name of the SSR Loci: Embra2002

Table with 3 columns: Locus name, DNA sequence, and repeat count. Loci include GF101907.1, Eucgr.A01420, ET86, EG9, EtEgH1, EtEgH2, ET217, EC17, EtEcH1, and EtEcH2.