

**Table S1:** List of primers used in the study

Name	Sequence (5'-3')
Bo88	TTGGAGAGCCATGGGCACTC
Bo286	GTTATTGTCTCATGAGCGGATAC
Bo905	TGCTCTAGAGCCGGCATGTCTGGTCGTAAAGCTCAGGGAAAAACCTG
Bo907	GGCGCTGCGGGTCGTGGGGCGGGCGGCGCCGCTCAACGGCGTTTCCTTGAGGACAAT CCT
Bo906	AGGATTGTCTCAAGGAAACGCCGTTGAGCGGGCCGCCCGCCCCACGACCCGCAG CGCC
Bo908	CATTATGCACATCAGTTCCTCGGAAG
Bo909	GCTCTAGAGCCACCATGATGACCGAATACAAGCCCACGGTGC
Bo910	GGGCCCCGGGATTTTCTCCACGTCCCCGCATGTTAGAAGACTTCCCCTGCCCTCGGCTC TGGCACCGGGCTTGCGGGTCATGCAC
Bo911	AGAGCCGAGGGCAGGGGAAGTCTTCTAACATGCGGGGACGTGGAGGAAAATCCCGGG CCCTCCCATGATGTTCTGACTGTGCAAT
Bo912	ACTGTAACGCGTCTACGCCCCAACTCCTAGAGACAAAAACATC
Bo1031	ACAACGCGTCTATGCCTGAACCATGACTCCTAGGTACAGTG
Bo1047	TTACCTGCAGGATCAACAATGACATTGCTGTGCTTGATTCC
Bo1048	TAACGCGTTTATGCGTGAAGTGTGAAACCCAGAAACAG
Bo1051	TTACCTGCAGGAACATCGCTCTGTCTCATGATGATGTTACC
Bo1052	TAACGCGTTTAAGCTTGACACCGCTCCCAGATAG
Bo1061	CCGGGCCTGCAGGATCCGTGACCATGCTCCTTATGCTGCTG
Bo1158	GCGTCAATATGGTACGACGAGGAGTACGTAACATGGGAGTCAAAGTTCTGTTTGCCCT GATCTGC
Bo1159	GCAGATCAGGGCAAACAGAACTTTGACTCCCATg <sub>tt</sub> aCG <sub>t</sub> ACTCCTCGTCGTACCATATT GACGC
Bo1160	AGATCAAGGGGGCCGGTGGTGACGGAAGCGGAGCTACTAACTTCAGCC
Bo1161	GGCTGAAGTTAGTAGTCCGCTTCCGTCACCACCGGCCCCCTTGATCT
Bo1555	GAACCTGCAGGCGCAGATACTAGTGTGGAATTG
Bo1556	TTACGCGTCTAAGCAGAGACGGCTGTGGATAAGAAG
Bo1557	TGATCCTGCAGGAGGAAAGACCGGAATTGCAGTCA
Bo1558	TAGTACGCGTCTAAGCGTGCACGTTACGGAGAGGAA
Bo1562	TAGTACGCGTCTAAGCAGAAACAGCCGTGGAGAGGAAG
Bo1564	TAGTACGCGTCTACGCCCCACTCCAAGGGTCATGGCC
Bo1566	TGATCCTGCAGGATCAGCGACGGATTGGATGAGCTGGT
Bo1571	TGATCCTGCAGGACGTGGCGCAGACACCAGCATCGGAA
CF1_D2f	CAAGACCTGCAGGATCTGCAGGCATGATCATTATGCT
CF2-D2r	CATTAACGCGTCTAGGCCTGCACCATGACTCCCAAATAC