

**S3 Table. Summary of BIP1 binding to target promoter used for EMSA.**

Promoter	Probe location bp	Probe sequence 5' to 3'	BIP1 Binding	Description
MGG_02201	-272 to -223	ttttttgcgtgtcaaaagaccgagtcataatgtgtttgactttcacccg	+	Peptidase
MGG_03584	-305 to -354	cacagccctccatatccctgcgtcgagaaccctgccttctcgccatacga	-	<i>PTH11-like</i>
	-462 to -413	acagccgttctcatcgactgactcgtcaaccctggattcatatactacga	+	
MGG_06535	-645 to -596	ctttgcatacacagggttcttgactcgaggatcatggtaggatttagccct	+	<i>PTH11-like</i>
MGG_08380/ MGG_08381	-208 to -255	gcaaaaggtattttcgagtcgatgctcctagtcgatggaataaaagatggga	+	<i>RAP2/ORF3</i>
MGG_08386	-370 to -789	aacgcctgataaccttattgatcgtttgcacttcaaactcgtttgccgac	-	<i>BC2 TF</i>
	-285 to -334	ccttcagattatcctacaacttttgccatggtgatggattcgaattatc	-	
	-197 to -246	cgatgccacaaacacaagctcaagtgcgaacgtgagccaagcattaccga	-	
	-398 to -447	cgtcxaaagtttgaatttgacctgatcattagcgttctgttgaactttt	-	