

Primers used for creation of first construct

Gene area amplified	Primer Name	5' Primer Sequence	Primer Name	3' Primer Sequence	Resulting Plasmid
<i>tbpA</i>	tbpA' Rev	agacggatgctccgatacgtg	5038 For	atgaacggtgacgcctcaata	pMPK408- <i>tbpA</i>
<i>tbpB</i>	5050 For	atgcacgatttaactggatt	5053 For	atgggtgagaactgtgataa	pBB400- <i>tbpB</i>
<i>tbpC</i>	tbpC' For	ggcatccttttcacgtaccg	tbpC' Rev	caggtgttcacgctccctgt	pMPK408- <i>tbpC</i>
<i>tbpD</i>	5160 Rev	ggcttcggctctgccaggtac	5164 Rev	tcatagtggcaaggctcgtc	pBB400- <i>tbpD</i>
<i>tbpE</i>	tbpE' For	aagcagtcgtcggcggtgaa	tbpE' Rev	gtactcgtccatgcgcgtcac	pBB400- <i>tbpE</i>
<i>tbpF</i>	6437 For	atggagattccatcgcaact	tbpF' Rev	cttcctgagcagcagatgta	pBB400- <i>tbpF</i>
<i>tfbA</i>	2183 For	atgagggtggcggttcggcga	2185 Rev	gacgccgtccacgccgcctc	pMPK408- <i>tfbA</i>
<i>tfbB</i>	733 For	atgtcgccgataccactgcc	735 Rev	tcagtttgcgttggcggcgc	pBB400- <i>tfbB</i>
<i>tfbC</i>	6349 Rev	ttagtacgtctgtgtgggt	6353 For	atgaccaccaaacagttcac	pMPK408- <i>tfbC</i>
<i>tfbD</i>	868 Rev	ctccccggcgccgcttcga	870 Rev	cgagacgttggggccttga	pBB400- <i>tfbD</i>
<i>tfbE</i>	6387 Rev	tcatttcgtatcctcagtat	6391 For	atggctcgaacaaaatggg	pBB400- <i>tfbE</i>
<i>tfbF</i>	314 Rev	ctgtaggtcggcgatcagcg	316 Rev	ctaggtggcgtggagctggc	pMPK408- <i>tfbF</i>
<i>tfbG</i>	255 Rev	cgtcgagggcctcgttggcg	252 Rev	agtgaggagccggacacgca	pBB400- <i>tfbG</i>