

Supplemental Table S1: Oligonucleotides used in this study

Restriction sites are underlined

Oligonucleotides	Sequence	Location
<i>phaA_XbaI_fw</i> (flanking region 1)	aaat <u>ctagac</u> acactacctgcagaacgagctc	5' end of flanking region 1 (upstream of <i>phaA</i>)
<i>phaA_EcoRI_rv</i> (flanking region 1)	aaagaattc <u>cg</u> gatacagatgacaacgtcagtc	3' end of flanking region 1 (upstream of <i>phaA</i>)
<i>phaA_EcoRI_fw</i> (flanking region 2)	aaagaattc <u>cg</u> agtcgagcgcaataaggaa	5' end of flanking region 2 (downstream of <i>phaA</i>)
<i>phaA_SacI_rv</i> (flanking region 2)	aaagagct <u>ccc</u> gacgagatgttgacgatgc	3' end of flanking region 2 (downstream of <i>phaA</i>)
<i>phaA_fw</i> (control)	aaactgctgttctggaacggcgag	5' end of region upstream of <i>phaA</i>
<i>phaA_rv</i> (control)	aaatggcgggtggagtagttggtctg	5' end of region downstream of <i>phaA</i>
<i>bktB_XbaI_fw</i> (flanking region 1)	aaat <u>ctagact</u> gagctgacctccgcagc	5' end of flanking region 1 (upstream of <i>bktB</i>)
<i>bktB_EcoRI_rv</i> (flanking region 1)	aaagaattc <u>ccac</u> gcgtcatgactttgtctcc	3' end of flanking region 1 (upstream of <i>bktB</i>)
<i>bktB_EcoRI_fw</i> (flanking region 2)	aaagaattc <u>cg</u> cgctggtgacgatgtgcatc	5' end of flanking region 2 (downstream of <i>bktB</i>)
<i>bktB_SacI_rv</i> (flanking region 2)	aaagagct <u>cag</u> cacgatggccgggttg	3' end of flanking region 2 (downstream of <i>bktB</i>)
<i>bktB_fw</i> (control)	aatgccgagaagaccatggac	5' end of region upstream of <i>bktB</i>
<i>bktB_rv</i> (control)	tgttgggcctcatgtcgaac	3' end of region downstream of <i>bktB</i>
H16_A1713/B1771_XbaI_fw (flanking region 1)	gacat <u>ctagagc</u> gtattgatcctgcgc	5' end of flanking region 1 (upstream of H16_A1713/B1771)
H16_A1713/B1771_BamHI_rv (flanking region 1)	aaggat <u>ccaat</u> cagttcaatcggccgc	3' end of flanking region 1 (upstream of H16_A1713/B1771)
H16_A1713/B1771_BamHI_fw (flanking region 2)	aaaggat <u>ccc</u> gttctcgtagcgggcatgc	5' end of flanking region 2 (downstream of H16_A1713/B1771)
H16_A1713/B1771_XbaI_rv (flanking region 2)	ttt <u>ctagaaa</u> acctgcactggctcgtcgg	3' end of flanking region 2 (downstream of H16_A1713/B1771)
H16_A1713/B1771_fw (control)	gacatctagagcgtattgatcctgcgc	5' end of region upstream of H16_A1713/B1771
H16_A1713/B1771_rv (control)	catctttaccggcgcatggaagtc	3' end of region downstream of H16_A1713/B1771
H16_B1369_XbaI_fw (flanking region 1)	aagctgaccaacgcacgcaagagcat <u>ctagac</u>	5' end of flanking region 1 (upstream of H16_B1369)
H16_B1369_EcoRI_rv (flanking region 1)	tttgaattc <u>cg</u> gaagtctccttggaaactctgtgtg	3' end of flanking region 1 (upstream of H16_B1369)
H16_B1369_EcoRI_fw (flanking region 2)	aaagaattc <u>ct</u> gagcctgcttttgcctttg	5' end of flanking region 2 (downstream of H16_B1369)

H16_B1369_XbaI_rv (flanking region 2)	<u>aaatctagacttgaacggctccttgacgttg</u>	3' end of flanking region 2 (downstream of H16_B1369)
H16_B1369_fw (control)	tgcagatgggcatcggaac	5' end of region upstream of H16_B1369
H16_B1369_rv (control)	tcgaacatcacgtcgatctggc	3' end of region downstream of H16_B1369
H16_A0170_XbaI_fw (flanking region 1)	<u>aaatctagatgcgctggccaaccagc</u>	5' end of flanking region 1 (upstream of H16_A0170)
H16_A0170_BamHI_rv (flanking region 1)	<u>ggatccgatgaagaagcgggtgtgtgcg</u>	3' end of flanking region 1 (upstream of H16_A0170)
H16_A0170_Bam_fw (flanking region 2)	<u>ggatccagcaagacagaggcagttgtctg</u>	5' end of flanking region 2 (downstream of H16_A0170)
H16_A0170_XbaI_rv (flanking region 2)	<u>tctagcgtctgctgcacggtcaggtc</u>	3' end of flanking region 2 (downstream of H16_A0170)
H16_A0170_fw (control)	tgcctatcacagttcagagcgattcattcac	5' end of region upstream of H16_A0170
H16_A0170_rv (control)	atcagcgccagcgacaggtagctccag	3' end of region downstream of H16_A0170
H16_B0381_XbaI_fw (flanking region 1)	ccgtacgtcaacgat <u>ctagagcagttcg</u>	5' end of flanking region 1 (upstream of H16_B0381)
H16_B0381_EcoRI_rv (flanking region 1)	ggcctcgaactgtgctgaga <u>attcttt</u>	3' end of flanking region 1 (upstream of H16_B0381)
H16_B0381_EcoRI_fw (flanking region 2)	<u>agaattcggccatgagcgttctgc</u>	5' end of flanking region 2 (downstream of H16_B0381)
H16_B0381_XbaI_rv (flanking region 2)	tggttgcgat <u>ctagagcagttcctg</u>	3' end of flanking region 2 (downstream of H16_B0381)
H16_B0381_fw (control)	aatgacgacgccgacctcctcg	5' end of region upstream of H16_B0381
H16_B0381_rv (control)	tgtcggttcagcagccctgaagac	3' end of region downstream of H16_B0381
H16_A1528_XbaI_fw (flanking region 1)	aagtgggtgccct <u>ctagaaccggc</u>	5' end of flanking region 1 (upstream of H16_A1528)
H16_A1528_BamHI_rv (flanking region 1)	gtgggatccagttcgggtgctcg	3' end of flanking region 1 (upstream of H16_A1528)
H16_A1528_BamHI_fw (flanking region 2)	cgaagggatccgatgtcggtcg	5' end of flanking region 2 (downstream of H16_A1528)
H16_A1528_XbaI_rv (flanking region 2)	<u>cttaga</u> aatgcccgtcttctggtcg	3' end of flanking region 2 (downstream of H16_A1528)
H16_A1528_fw (control)	ttcaacggttaataccgccacatgg	5' end of region upstream of H16_A1528
H16_A1528_rv (control)	agctggtgccgacgttggcac	3' end of region downstream of H16_A1528
RT-PCR_ptsH_fw	atgctgcagagggacaccac	5' end of region upstream of <i>ptsH</i>
RT-PCR_ptsH_rv	tcactctccctcaccaaacggg	3' end of region downstream of <i>ptsH</i>