

Supplementary Table 2. Primers used for PCR amplification

Primer name	Sequence	Target sequence
703fdxOLfor	agccgaactctgcagccatgttcgacgggtctccg	1 bp downstream of Hvo1242 start codon - extension towards stop codon of Hvo1242
703mycrev	ggttcagaagctttacagatcctcttcagagatgagttt ctgctcgccgtccagccccggaac	1 bp upstream of Hvo1242 stop codon - extension towards start codon of Hvo1242
703CSfor	gcggcgctctccgctccctcgacagggca	67 bp downstream of Hvo1242 start codon - extension towards stop codon of Hvo1242
703Csrev	tgccctgtcgaggaggcggagagcgccgc	93 bp downstream of Hvo1242 start codon - extension towards start codon of Hvo1242
KKfor703	gggtctccgtccaagaaggagtctctgaag	10 bp downstream of Hvo1242 start codon - extension towards stop codon of Hvo1242
KKrev703	cttcaggaactccttcttgacggagaccc	39 bp downstream of Hvo1242 start codon - extension towards start codon of Hvo1242
B197fdxOLfor	agccgaactctgcagccatgtctccagacgagagg	1 bp downstream of HvoB0139 start codon - extension towards stop codon of HvoB0139
B197mycrev	ggttcagaagctttacagatcctcttcagagatgagttt ctgctctgcgaccttaccacccc	1 bp upstream of HvoB0139 stop codon - extension towards start codon of HvoB0139
B197CSfor	agcgggggtcgctggctccggcggttcgctg	49 bp downstream of HvoB0139 start codon - extension towards stop codon of HvoB0139
B197CSrev	cgacgaaccgcccggagccagcgaccccgt	78 bp downstream of HvoB0139 start codon - extension towards start codon of HvoB0139
KKforB197	atgatgctctccaagaaggagtactggcc	1 bp downstream of HvoB0139 start codon - extension towards stop codon of HvoB0139
KKrevB197	ggccagtacctcttcttgagagcatcat	30 bp downstream of HvoB0139 start codon - extension towards start codon of HvoB0139
134fdxOLfor	agccgaactctgcagccatgcgaaccaccggtctc	1 bp downstream of Hvo1808 start codon - extension towards stop codon of Hvo1808
134mycrev	ggttcagaagctttacagatcctcttcagagatgagttt ctgctcgccggcgagtcggcgccg	1 bp upstream of Hvo1808 stop codon - extension towards start codon of Hvo1808
fdxOLdeltaSS134	agccgaactctgcagccatgtgtgccccccacggct	58 bp downstream of Hvo1808 start codon - extension towards stop codon of Hvo1808
134Csfor	ttggttctcgccggtctgcgccccccacg	43 bp downstream of Hvo1808 start codon - extension towards stop codon of Hvo1808
134Csrev	cgtggggggcgccagagccggcgagaaacaa	72 bp downstream of Hvo1808 start codon - extension towards start codon of Hvo1808
ORF354fdxOLfor	agccgaactctgcagccatgtcgccccgcccgac	1 bp downstream of Hvo1580 start codon - extension towards stop codon of Hvo1580
ORF354mycrev	ggttcagaagcttttacagatcctctcgtgatgagctt ctgctcctcgccggccaccgatggaa	1 bp upstream of Hvo1580 stop codon - extension towards start codon of Hvo1580
fdxOLdelss354	ccgaactctgcagccatgtgtacgtctcatcg	73 bp downstream of Hvo1580 start codon - extension towards stop codon of Hvo1580
ORF354CSfor	gtgtactctcggggtctacgtctcatcg	58 bp downstream of Hvo1580 start codon - extension towards stop codon of Hvo1580
ORF354CSrev	cgatgaggacgtagaccccgagagtaccac	87 bp downstream of Hvo1580 start codon - extension towards start codon of Hvo1580
ForFdx	gtaacgccagggttttc	199 bp upstream of pyrE2 start codon on pGB70 - extension towards pyrE2 gene
RevFdx	catggctgcagagttcggt	pyrE2 start codon - extension away from pyrE2 start codon
Hvo_0494 for	agtccatatgtactccaaccgcattcc	1bp downstream of the Hvo0494 start codon – extension towards the stop codon of Hvo0494
Hvo_0494 CSfor	agtccatatgtactccaaccgcattcccgcttacttatcg cagtctctgctgtctcgccgggtccggcgc	1bp downstream of the Hvo_0494 start codon – extension towards the stop codon of Hvo_0494.
Hvo_0494 ΔSS	agtccatatgtccgcccggcgccggatgt	58 bp downstream of the Hvo_0494 start codon - extension towards the stop codon of Hvo_0494.
Hvo_0494hisrev	gaccgaattctcagtggtggtggtggtggtgcgcccgc gcttcgtcgagcc	1 bp upstream of Hvo0494 stop codon - extension towards start codon of Hvo0494