

## Description of primers used in PCR to check for the knockout strains

Sr. No.	Primer name	Sequence (5' ----> 3')	Description
1.	PS2660	TCGAATCCATCACCCCTCAAG	Fwd. NCU09116 ORF Posn. 392 ( <i>tam1</i> )
2.	PS2661	AATACGGCTCGTCTCAATC	Rev. NCU09116 ORF Posn. 1000 ( <i>tam1</i> )
3.	PS2662	AAACCTCTACCGGTCTCTTC	Fwd. NCU01106 ORF Posn. 773 ( <i>iaam</i> )
4.	PS2663	CGTCTTTAGAGGGCAAAGTC	Rev. NCU01106 ORF Posn. 1390 ( <i>iaam</i> )
5.	PS2670	AACCCGGTTCACGGTACTCC	Fwd. NCU04092 ORF Posn. 796 ( <i>ami1</i> )
6.	PS2671	AGGTCAGGTTGCCGGTTTCC	Rev. NCU04092 ORF Posn. 1375 ( <i>ami1</i> )
7.	PS2738	TAGGAGGGCGTGGATATGTC	Fwd. HygB ORF posn. 122
8.	PS2739	CGTCTGCTGCTCCATAACAAG	Rev. HygB ORF posn. 738
9.	PS2740	GCAGAACCAATGACCTTAGC	Fwd. to amplify NCU01106 ( <i>iaam</i> ) 5' UTR along with HygB gene
10.	PS2741	ATCCACTTAACGTTACTGAAATCTCCAAC	Rev. specifically on HygB gene
11.	PS2742	CCTGAACTGGTATCGAAAGG	Fwd, to amplify NCU09116 ( <i>tam1</i> ) 5' UTR along with HygB gene
12.	PS2743	ATGCTATCTGACCTGAGACG	Fwd. to amplify NCU04092 ( <i>ami1</i> ) 5' UTR along with HygB gene
13.	PS2755	CAAGTGCCTGCCGAGTATC	Fwd. (NCU02193) ORF posn 615 ( <i>ipd</i> )
14.	PS2756	CGACGAACAGGCTGGTCTTG	Rev. (NCU02193) ORF posn 1171 ( <i>ipd</i> )
15.	PS2757	AAGTGTTAGGTCGCAGTAGG	Fwd. to amplify NCU02193 ( <i>ipd</i> ) 5' UTR along with HygB gene
16.	PS2760	CCTATGATGCCGTTGTCGTG	Fwd. (NCU03755) ORF posn 521 ( <i>yuc</i> )

17.	PS2761	AAATCGCTGCCTGACTCTCC	Rev. (NCU03755) ORF posn 1078 ( <i>yuc</i> )
18.	PS2809	GCTCATTTACGGTCTGTTCC	Fwd. to amplify NCU03755 ( <i>yuc</i> ) 5' UTR along with HygB gene
19.	PS2811	CTATTGATCGTCAGCCAAGG	Fwd. to amplify NCU03415 ( <i>iad1</i> ) 5' UTR along with HygB gene
20.	PS2919	CTGGCGTTCTCAACATCATC	Fwd. Primer for <i>iad1</i> (NCU03415) ORF Posn. 638
21.	PS2920	GATGAAGTAGCCCTTGTCAC	Rev. Primer for <i>iad1</i> (NCU03415) ORF Posn. 1137
22.	PS2928	AACTACCCGCTAGATATGGC	Fwd primer for mid part of <i>iad3</i> ORF
23.	PS2929	CCTCTTCCTTTCCGACATTG	Rev primer for mid part of <i>iad3</i> ORF
24.	PS2930	GTTGGACGACGAGGTGATTG	Fwd primer for mid part of <i>iad2</i> ORF (posn. 454)
25.	PS2931	CGCCGAACTTGAACGTCTTG	Rev primer for mid part of <i>iad2</i> ORF (posn. 1028)
26.	PS2936	AGGTACCAACAGTACCATGC	Fwd. To amplify NCU00378 ( <i>iad3</i> ) 5' UTR along with HygB gene
27.	PS2937	GTCAGCAGAATACTTGGACC	Fwd. To amplify NCU09648 ( <i>iad2</i> ) 5' UTR along with HygB gene