**Supplementary file 3. List of primers**

Primer names contain the serial number in the catalogue and the name of the gene. F – forward primer. R – reverse primer. Short/long versions are indicated. The hcrA DNA fragments were used to generate molecular size RNA marker of 201, 253, 300, 357, and 407 nt, respectively.

|  |  |
| --- | --- |
| **Primer name** | **Sequence (5' → 3')** |
| 2088/hrcA\_F | GTCGGACCTGTTAAGCATTAC |
| 2089/hrcA\_R | CGTTGATTATAACCTGAAGG |
| 2110/PhrcA\_R2 | CAATTCCTCCAAGTCAGCCATC |
| 2111/PhrcA\_R3 | CTTTTTCTGACGGAACACGTCC |
| 2112/PhrcA\_R4 | CGTCAATTTGACGGGTGACAGC |
| 2113/PhrcA\_R5 | CTCCAGCTCGAAAATTTTCTC |
| 2114/PhrcA\_R6 | GTGTAATTCGTCAGATCGGAC |
| 1069/trxA\_F | ccgGAATTCattccggagtcattcttacgg |
| 3079/trxA\_R\_short | cctgatcacagccggtttac |
| 3080/trxA\_R\_long | catctcccattcgttcacgc |
| 3036\_pgcA\_F | ATGAGGCCGCGAAACGCAAC |
| 3037\_pgcA\_R\_long | GCCAGCTGCCTCCTGATAAC |
| 3098/pgcA\_R\_short | GCCTCTGTCACTTGATAACC |
| 3038\_yjlB\_F | GCCAGCTGCCTCCTGATAAC |
| 3039\_yjlB\_R\_short | AATCAGGGTGATTCGGAATC |
| 3081/yjlB\_R\_long | GTCCGGTGTCCTTAAGCGCG |
| 3040\_nhaX\_F | GCGGTCCGACCTAAAAAACC |
| 3041\_nhaX\_R\_short | GTTTTAGCAAGATCAATGGC |
| 3082/nhaX\_R\_long | TGGGCGACGGTAATAGCGGC |
| 3046\_yflT\_F | TAGACATACCTCCTGCTCGT |
| 3047\_yflT\_R\_short | GGTCAAGATCCCCTACGAAC |
| 3084/yflT\_R\_long | GTTCTGTCATCGTCGTGAGC |
| 3050\_ctc\_F | GCTTGTTGTGACAAACAGCA |
| 3051\_ctc\_R\_short | TACGGATATTCCGAAGAGAC |
| 3086/ctc\_R\_long | CCGTATCCTTCCCATATATG |
| 3052\_phoH\_F | CAATCCCGATCTGGGGGATG |
| 3053\_phoH\_R\_short | TCTCCCTGACAATAGGTGTG |
| 3087/phoH\_R\_long | TCGCAAGTAAATGTTCTGTC |
| 3044\_yqhY\_F | GCTGATTTCGCTGAATTATG |
| 3045\_yqhY\_R\_short | CGTGGCGAAAATCTTCTATG |
| 3083/yqhY\_R\_long | GTATTTCCGTAGTTATCAGC |
| 3062\_yvyD\_F | CCTCTCATGAGTTCTGTGAG |
| 3063\_yvyD\_R\_short | TCCTTTAACGCGGGTGTCAC |
| 3088/yvyD\_R\_long | AGCGCTCCAGCTTGCCGATC |
| 3064\_glyA\_F | CAGCCTCGGTTCAGCTCATG |
| 3065\_glyA\_R\_short | ATCTTAGTCTGTTGGCGTTC |
| 3089/glyA\_R\_long | CCGCTTCACTTACAAAGTTC |