

Table S1. Primers used in this study.

Primer name	Sequence of primer (5' to 3')
pHY300-F	GTTTATTATCCATACCCTTAC
pHY300-R	CAGATTTCGTGATGCTTGTC
P43- <i>Bao-tyrA</i> -F	CGGGATC CTGATAGGTGGTATGTTTTCGC
P43- <i>Bao-tyrA</i> -R	CAAGCAATATTGTGTCCTTCATGTGTACATTCCTCTCTTACCTATAA
<i>Bao-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTTCAGTCAGCGTAAAATGTTTCA
TamyL- <i>Bao-tyrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL- <i>Bao-tyrA</i> -R	GCTCTAGAC CGCAATAATGCCGTCG
P43- <i>Eco-tyrA</i> -F	CGGAATT CTGATAGGTGGTATGTTTTCGC
P43- <i>Eco-tyrA</i> -R	CGGTCAATTCAGCAACCATGTGTACATTCCTCTCTTACCTATAA
<i>Eco-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGGTTGCTGAATTGACCG
<i>Eco-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTTACTGGCGATTGTCATTG
TamyL- <i>Eco-tyrA</i> -F	CGAATGACAATCGCCAGTAAAAGAGCAGAGAGGACGGATT
TamyL- <i>Eco-tyrA</i> -R	GCTCTAGAC CGCAATAATGCCGTCG
P43- <i>Bld-tyrA</i> -F	CGGGATC CTGATAGGTGGTATGTTTTCGC
P43- <i>Bld-tyrA</i> -R	CGTTTCATTCGGTTGAGTCATGTGTACATTCCTCTCTTACCTATAA
<i>Bld-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGACTCAACCGAATGAAACG
<i>Bld-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTCAATCAGCATAAAATGTTTCG
TamyL- <i>Bld-tyrA</i> -F	CGAAACATTTTATGCTGATTGAAAGAGCAGAGAGGACGGATT
TamyL- <i>Bld-tyrA</i> -R	GCTCTAGAC CGCAATAATGCCGTCG
P43- <i>Bsu-tyrA</i> -F	CGGGATC CTGATAGGTGGTATGTTTTCGC
P43- <i>Bsu-tyrA</i> -R	ATATTGTATCTTTCATTTGATTCATGTGTACATTCCTCTCTTACCTATAA
<i>Bsu-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGAATCAAATGAAAGATACAA TAT
<i>Bsu-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTCAATCAGCATAAAAAGTTTCATAT
TamyL- <i>Bsu-tyrA</i> -F	ATATGAAACTTTTTATGCTGATTGAAAGAGCAGAGAGGACGGATT
TamyL- <i>Bsu-tyrA</i> -R	GCTCTAGAC CGCAATAATGCCGTCG
P43- <i>Cgb-tyrA</i> -F	CGGAATT CTGATAGGTGGTATGTTTTCGC
P43- <i>Cgb-tyrA</i> -R	ACCTGACAAGTGTGGCACATGTGTACATTCCTCTCTTACCTATAA
<i>Cgb-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGTGCCACACTTGTCAGGT
<i>Cgb-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTCTAGAACACTTCGATCCGTGC
TamyL- <i>Cgb-tyrA</i> -F	GCACGGATCGAAGTGTTCTAGAAGAGCAGAGAGGACGGATT
TamyL- <i>Cgb-tyrA</i> -R	GCTCTAGAC CGCAATAATGCCGTCG
P43- <i>Btb-tyrA</i> -F	CGGGATC CTGATAGGTGGTATGTTTTCGC
P43- <i>Btb-tyrA</i> -R	CAATTAATACTACCTTTTTACGCATGTGTACATTCCTCTCTTACCTATA A
<i>Btb-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGCGTAAAAAGGTAGTATTAA TTG
<i>Btb-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTTAAATTGTTTCATAAGTTTGGTAT
TamyL- <i>Btb-tyrA</i> -F	ATACCAAACCTTATGAAACAATTTAAAAGAGCAGAGAGGACGGATT

TamyL- <i>Btb-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43- <i>Bpum-tyrA</i> -F	CGGGATCCTGATAGGTGGTATGTTTTCGC
P43- <i>Bpum-tyrA</i> -R	GGTTTTCGTTTTGCTTCATTCATGTGTACATTCCTCTCTTACCTATAA
<i>Bpum-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGAATGAAGCAAACGAAACC
<i>Bpum-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTCAATCAGCATAAAATGTATCGTA
TamyL- <i>Bpum-tyrA</i> -F	TACGATACATTTTATGCTGATTGAAAGAGCAGAGAGGACGGATT
TamyL- <i>Bpum-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43- <i>Sce-tyrA</i> -F	CGGGATCCTGATAGGTGGTATGTTTTCGC
P43- <i>Sce-tyrA</i> -R	CTCAATCTTATCCTCTGATACCATGTGTACATTCCTCTCTTACCTATAA
<i>Sce-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGGTATCAGAGGATAAGATTGAG
<i>Sce-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTTATGTATTTCTTTTTTCAGCGG
TamyL- <i>Sce-tyrA</i> -F	CCGCTGAAAAAAGAAATACATAAAAGAGCAGAGAGGACGGATT
TamyL- <i>Sce-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43- <i>Bcoa-tyrA</i> -F	CGGGATCCTGATAGGTGGTATGTTTTCGC
P43- <i>Bcoa-tyrA</i> -R	ATCACAAACACATTTCTTTTCATGTGTACATTCCTCTCTTACCTATAA
<i>Bcoa-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGAAAGGAAATGTGTTTGTGAT
<i>Bcoa-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTCTATTGGATATAGACTTCATGCG
TamyL- <i>Bcoa-tyrA</i> -F	CGCATGAAGTCTATATCCAATAGAAGAGCAGAGAGGACGGATT
TamyL- <i>Bcoa-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43- <i>Lpt-tyrA</i> -F	CGGGATCCTGATAGGTGGTATGTTTTCGC
P43- <i>Lpt-tyrA</i> -R	ACCTTTGATCAATACAGTTGTCATGTGTACATTCCTCTCTTACCTATAA
<i>Lpt-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGACAACTGTATTGATCAAAGGT
<i>Lpt-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTTAAATTCCTCCTTACAATCTGATAA
TamyL- <i>Lpt-tyrA</i> -F	TTATCAGATTGTAAGGAGGAATTAAGAGCAGAGAGGACGGATT
TamyL- <i>Lpt-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43- <i>Bce-tyrA</i> -F	CGGGATCCTGATAGGTGGTATGTTTTCGC
P43- <i>Bce-tyrA</i> -R	CAATTAATACTACCTTTTTACGCATGTGTACATTCCTCTCTTACCTATAA
<i>Bce-tyrA</i> -F	TTATAGGTAAGAGAGGAATGTACACATGCGTAAAAAGGTAGTATTAAATG
<i>Bce-tyrA</i> -R	AATCCGTCCTCTCTGCTCTTTTAAATTGTTTCATAAGTTTGGTAT
TamyL- <i>Bce-tyrA</i> -F	ATACCAAACCTTATGAAACAATTTAAAAGAGCAGAGAGGACGGATT
TamyL- <i>Bce-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43- <i>Bmh1-tyrA</i> -F	CGGGATCCTGATAGGTGGTATGTTTTCGC
P43- <i>Bmh1-tyrA</i> -R	CTATAACAAAAACATTTTCTTTACGTGTACATTCCTCTCTTACCTATAA

<i>Bmh1-tyrA-F</i>	TTATAGGTAAGAGAGGAATGTACACGTGAAAGAAAATGTTTTGTTA TAG
<i>Bmh1-tyrA-R</i>	AATCCGTCCTCTCTGCTCTTTTAAGAAATAAACGTCTGATATTGA
<i>TamyL-Bmh1-tyrA-F</i>	TCAATATCAGACGTTTATTTCTTAAAAGAGCAGAGAGGACGGATT
<i>TamyL-Bmh1-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>P43-Bmh2-tyrA-F</i>	CGGGATCCT GATAGGTGGTATGTTTTCGC
<i>P43-Bmh2-tyrA-R</i>	GCCGAAAATAGCAATCTTCATGTGTACATTCCCTCTCTTACCTATAA
<i>Bmh2-tyrA-F</i>	TTATAGGTAAGAGAGGAATGTACACATGAAGATTGCTATTTTCGGC
<i>Bmh2-tyrA-R</i>	AATCCGTCCTCTCTGCTCTTTCACACCACCACTTTATAGCC
<i>TamyL-Bmh2-tyrA-F</i>	GGCTATAAAGTGGTGGTGTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-Bmh2-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>P43-Zmc-tyrA-F</i>	CGGGATCCT GATAGGTGGTATGTTTTCGC
<i>P43-Zmc-tyrA-R</i>	CAATATGCTTAAAGACGGTCACGTGTACATTCCCTCTCTTACCTATAA
<i>Zmc-tyrA-F</i>	TTATAGGTAAGAGAGGAATGTACACGTGACCGTCTTTAAGCATATTG
<i>Zmc-tyrA-R</i>	AATCCGTCCTCTCTGCTCTTTTAAGGGTGAATATCGTGGTCT
<i>TamyL-Zmc-tyrA-F</i>	AGACCACGATATTCACCCTTAAAAGAGCAGAGAGGACGGATT
<i>TamyL-Zmc-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>P43-Pap-tyrA-F</i>	CGGGATCCT GATAGGTGGTATGTTTTCGC
<i>P43-Pap-tyrA-R</i>	CGGCGTGACCTCAGTCATGTGTACATTCCCTCTCTTACCTATAA
<i>Pap-tyrA-F</i>	TTATAGGTAAGAGAGGAATGTACACATGACTGAGGTCACGCCG
<i>Pap-tyrA-R</i>	AATCCGTCCTCTCTGCTCTTTCAATTGTTCTCCACGGC
<i>TamyL-Pap-tyrA-F</i>	GCCGTGGAGAACAAATTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-Pap-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PsrfA-Bao-tyrA-F</i>	CGGGATCCGACGCTCTTCGCAAGGGT
<i>PsrfA-Bao-tyrA-R</i>	CAAGCAATATTGTGTCTTCATATTGTCATACCTCCCCTAATCTT
<i>Bao-tyrA-PsrfA-F</i>	AAGATTAGGGGAGGTATGACAATATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PsrfA-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAAATGTTTCA
<i>TamyL-PsrfA-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PsrfA-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PytzE-Bao-tyrA-F</i>	CGGGATCCATCTTGACAATGCCGCTGA
<i>PytzE-Bao-tyrA-R</i>	CAAGCAATATTGTGTCTTCATACAACCACTCCCTATCGTATGA
<i>Bao-tyrA-PytzE-F</i>	TCATACGATAGGGAGTGTTGTATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PytzE-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAAATGTTTCA
<i>TamyL-PytzE-Bao-tyrA-F:</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PytzE-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PylB-Bao-tyrA-F</i>	CGGGATCCAGCCGGATTCCTTCAGACT

<i>PylB-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATACAAATCTCCCCCTTTGTTG
<i>Bao-tyrA-PylB-F</i>	CAACAAAGGGGGAGATTTGTATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PylB-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PylB-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PylB-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>Pbay-Bao-tyrA-F</i>	CGGGATCCCCTGCGATTTGCGCGAGA
<i>Pbay-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATACAAATCTCCCCCTTTGTTG
<i>Bao-tyrA-Pbay-F</i>	CAACAAAGGGGGAGATTTGTATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-Pbay-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-Pbay-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-Pbay-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PykzA-Bao-tyrA-F</i>	CGGGATCCGAAATATTGATGTGACACTTGAAGT
<i>PykzA-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATATTTGTATCTAGTTGTTATATTCC
<i>Bao-tyrA-PykzA-F</i>	GGAAATATAACAACCTAGATACAAATATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PykzA-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PykzA-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PykzA-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PykzA+PRBS6-Bao-tyrA-F</i>	CGGGATCCGAAATATTGATGTGACACTTGAAGT
<i>PykzA+PRBS6-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATTGATCCTTCCTCCTTTAGATCT
<i>Bao-tyrA-PykzA+PRBS6-F</i>	AGATCTAAAGGAGGAAGGATCAATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PykzA+PRBS6-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PykzA+PRBS6-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PykzA+PRBS6-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PmmgA-Bao-tyrA-F</i>	CGGGATCCGATTAAGGTAAGGCCGTATACAG
<i>PmmgA-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATGGTTTCACCTCATTGAGAAGATA
<i>Bao-tyrA-PmmgA-F</i>	TATCTTCTGAATGAGGTGAAACCATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PmmgA-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PmmgA-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PmmgA-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PabrB-Bao-tyrA-F</i>	CGGGATCCCTTGAAACCTCCTAATCAGAATG

<i>PabrB-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATTCTCCTCCCAAGAGATACTTATT
<i>Bao-tyrA-PabrB-F</i>	AATAAGTATCTCTTGGGAGGAGAATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PabrB-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PabrB-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PabrB-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PbacA-Bao-tyrA-F</i>	CGGGATCCCCTGCGATTTGCGCGAGA
<i>PbacA-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATATAAAAATTCTCCTTTTTGAT
<i>Bao-tyrA-PbacA-F</i>	ATCAAAAAGGAGAATTTTATATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PbacA-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PbacA-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PbacA-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PUTR12-Bao-tyrA-F</i>	CGGGATCCTGATAGGTGGTATGTTTTCGC
<i>PUTR12-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATTATATATTCCTCCTTTCTAATATAC
<i>Bao-tyrA-PUTR12-F</i>	GTATATTAGAAAGGAGGAATATATAATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PUTR12-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PUTR12-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PUTR12-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>P43-ylB-Bao-tyrA-F</i>	CGGGATCCTGATAGGTGGTATGTTTTCGC
<i>P43-ylB-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATACAAATCTCCCCCTTTGTTG
<i>Bao-tyrA-P43-ylB-F</i>	CAACAAAGGGGAGATTGTATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-P43-ylB-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-P43-ylB-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-P43-ylB-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PR5-Bao-tyrA-F</i>	CGGGATCCTGATAGGTGGTATGTTTTCGC
<i>PR5-Bao-tyrA-R</i>	CAAGCAATATTGTGTCCTTCATTGATCCTTCCTCCTTTAGATCTG
<i>Bao-tyrA-PR5-F</i>	CAGATCTAAAGGAGGAAGGATCAATGAAGGACACAATATTGCTTG
<i>Bao-tyrA-PR5-R</i>	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
<i>TamyL-PR5-Bao-tyrA-F</i>	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
<i>TamyL-PR5-Bao-tyrA-R</i>	GCTCTAGACGCAATAATGCCGTCG
<i>PRBS6-Bao-tyrA-F</i>	CGGGATCCTGATAGGTGGTATGTTTTCGC

PRBS6- <i>Bao-tyrA</i> -R	CAAGCAATATTGTGTCCTTCATTGATCCTTCCTCCTTTAGA
<i>Bao-tyrA</i> -PRBS6-F	TCTAAAGGAGGAAGGATCAATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -PRBS6-R	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
TamyL-PRBS6- <i>Bao-tyrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL-PRBS6- <i>Bao-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43-UTR1- <i>Bao-tyrA</i> -R1	GTGTACCTTCCTCTCTGACTTATAATGGTACCGCTATCACTTTATATT
P43-UTR1- <i>Bao-tyrA</i> -R2	CAAGCAATATTGTGTCCTTCATGTGTACCTTCCTCTCTGACTTATAA
<i>Bao-tyrA</i> -UTR1-F	TTATAAGTCAGAGAGGAAGGTACACATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -UTR1-R	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
TamyL-UTR1- <i>Bao-tyrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL-UTR1- <i>Bao-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43-UTR2- <i>Bao-tyrA</i> -R1	GTGTACCTTCCTCTCTTACCTATAATGGTACCGCTATCACTTTATATT
P43-UTR2- <i>Bao-tyrA</i> -R2	CAAGCAATATTGTGTCCTTCATGTGTACCTTCCTCTCTTACCTATAA
<i>Bao-tyrA</i> -UTR2-F	TTATAGGTAAGAGAGGAAGGTACACATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -UTR2-R	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
TamyL-UTR2- <i>Bao-tyrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL-UTR2- <i>Bao-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43-UTR3- <i>Bao-tyrA</i> -R1	GCGTACCTTCCTCTCTTACTTATAATGGTACCGCTATCACTTTATATT
P43-UTR3- <i>Bao-tyrA</i> -R2	CAAGCAATATTGTGTCCTTCATGCGTACCTTCCTCTCTTACTTATAA
<i>Bao-tyrA</i> -UTR3-F	TTATAAGTAAGAGAGGAAGGTACGCATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -UTR3-R	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA
TamyL-UTR3- <i>Bao-tyrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL-UTR3- <i>Bao-tyrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43-UTR4- <i>Bao-tyrA</i> -R1	GTGTACCTTCCTCTCTAACTCATAATGGTACCGCTATCACTTTATATT
P43-UTR4- <i>Bao-tyrA</i> -R2	CAAGCAATATTGTGTCCTTCATGTGTACCTTCCTCTCTAACTCATAA
<i>Bao-tyrA</i> -UTR4-F	TTATGAGTTAGAGAGGAAGGTACACATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -UTR4-R	AATCCGTCCTCTCTGCTCTTTCAGTCAGCGTAAATGTTTCA

TamyL-UTR4- <i>Bao-t</i> <i>yrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL-UTR4- <i>Bao-t</i> <i>yrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43-UTR5- <i>Bao-tyr</i> <i>A</i> -R1	GCGTACCTTCCTCTCTAACCTATAATGGTACCGCTATCACTTTATATT
P43-UTR5- <i>Bao-tyr</i> <i>A</i> -R2	CAAGCAATATTGTGTCCTTCATGCGTACCTTCCTCTCTAACCTATA
<i>Bao-tyrA</i> -UTR5-F	TATAGGTTAGAGAGGAAGGTACGCATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -UTR5-R	AATCCGTCCTCTCTGCTCTTTTCAGTCAGCGTAAATGTTTCA
TamyL-UTR5- <i>Bao-t</i> <i>yrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL-UTR5- <i>Bao-t</i> <i>yrA</i> -R	GCTCTAGACGCAATAATGCCGTCG
P43-UTR6- <i>Bao-tyr</i> <i>A</i> -R1	GCGTACCTTCCTCTCTGACTCATAATGGTACCGCTATCACTTTATATT
P43-UTR6- <i>Bao-tyr</i> <i>A</i> -R2	CAAGCAATATTGTGTCCTTCATGCGTACCTTCCTCTCTGACTC
<i>Bao-tyrA</i> -UTR6-F	GAGTCAGAGAGGAAGGTACGCATGAAGGACACAATATTGCTTG
<i>Bao-tyrA</i> -UTR6-R	AATCCGTCCTCTCTGCTCTTTTCAGTCAGCGTAAATGTTTCA
TamyL-UTR6- <i>Bao-t</i> <i>yrA</i> -F	TGAAACATTTTACGCTGACTGAAAGAGCAGAGAGGACGGATT
TamyL-UTR6- <i>Bao-t</i> <i>yrA</i> -R	GCTCTAGACGCAATAATGCCGTCG

Note: Restriction sites highlight in bold.