

**Table S1.** Primers used in this study.

Primer name	Sequence from 5' to 3'
yhjR.500-5	tccggcccttgagaatcatc
yhjR.atg.500-3	tgtaagccggagcaaatatcgctc
kmRExTET-yhjRrbs.L-5	cattaaagaggagaaaaggtaccatgaataacaatgaaccag
kmRExTET-yhjR.L-3	gagaatccaagcactagtaaccacattgcttgatccctatgaaataac
yhjR.500-3	tatcgtcctgaacctgactg
yhjR.kmRExTETrbs-yhjQ.L-5	cattaaagaggagaaaaggtaccatggccgtactgggattgcaggggg
yhjQ.500-5	ttgtctgattatcagtttac
yhjQ.500-3	gaggatcaaccgcccgcggcccg
yhjQ.KmRExTETrbs-bcsA.L-5	cattaaagaggagaaaaggtaccatgagatcctgacccgggtgg
yhjQ.KmRExTET-bcsA.L-3	gagaatccaagcactagtaaccacatcccctgcaatcccagtagc
pAMyhjR.EcoRI-5	cccgaattcatagggatcaagcaatag
pAMyhjR.HindIII-3	cccaagcttcaccaatcccctacttttg
pAMyhjQ.EcoRI-5	cccgaattcaagtaggggattggtgaatgg
pAMyhjQ.HindIII-3	cccaagcttcaggatcactcatgatgcactc
PDSW207yhjQ.XbaI-5	ccctctagaatggccgtactgggattg
PET19byhjQ.NdeI-5	gggcatatggccgtactgggattgcagg
PET19byhjQ.BamHI-3	gggtcaggatcctcatgatgcactcccactggc
amp.gfp-yhjQ.L-5	catggcatggatgaactatacaagaattcagctcgggtaccgggatcctctagaatggccgtactgggattgcagggg
amp.gfp-yhjQ.L-3	gcgtttttattggtgagaattccaatcccctacttttggc
yhjQ-HA.zeo.long-5	gaactattcgggctgaaaacgccagtcgggagtgcatcataccatacagatgtccagattac
yhjQ-HA.zeo.long-3	tgaccggcgggattagcaaccaccgggtcaggatactcatgaatgatgcagagatgtaagccgg
yhjQG14S-3	gttgtgctcacgctccccgcacccctg
yhjQT15Q-3	ggftgttggccccacgctccccgcacce
YhjQTT15QR-3	ggftcttggccccacgctccccgcacce
yhjQ.trunc.zeo.L-5	cgtggccgaggagcaggactgaagtcgggagtgcatcatgagatc
yhjQ.truncL237.zeo.L-3	caacacgtgctcggatccagaaactacaacaggcaccagttcggcagc
yhjQ.truncS220.zeo.L-3	caacacgtgctcggatccagaaactcaactgcgataatcacactactggttg
bcsC.500-3	tttgaaccggtagctcaaacag
bcsG.500-3	cactaccagtctggagttag
bcsCG.kmGB.L-5	cttcacgaggcagacctcagcgcctaaagaacgaaaaaggccgag
bcsCG.kmGB.L-3	gattttgagacacaacgtgctttcgttttcagatagcgcctct
minC.500-5	acgcatcatattcatagcac
minC.500-3	ttccatgctcagcatgtcac
minC.kmGB.L-5	ttgatgctc gatgagttttctaatacccttttaacaaggaatttctatg
minC.kmGB.L-3	gattttgagacacaacgtgctttctgcttactcaattagctattaatc
minD.500-5	ctggtcagc gatgcataagg
minD.500-3	tacggcgggaaacctcatcc
minD.kmGB.L-5	ttgatgctc gatgagttttctaagttatggcattactcgatttcttc
minD.kmGB.L-3	gattttgagacacaacgtgcttttagaaattcctgttaaaaaggatc
minE.500-5	atcgcaaacacgcgataaag
minE.500-3	gtaatttcgcaatgattg
minE.kmGB.L-5	ttgatgctc gatgagttttctaagcccgtgtaaaagcgcatttacc
minE.kmGB.L-3	gattttgagacacaacgtgctttactatctcccgaacaagcgtttg
BcsA.end.500-5	acgccgatcgcaccgctgg
bcsA.500-3	gaagtcgctaataaacagtg
bcsA-gfp.zeo.L-5	gaggagcaggactgatgataacgcgatgaaaagaaaactattctggatttg
bcsA-gfp.zeo.L-3	gactctagaggatccccgggtaccgagctcgaattctgttgagccaaagcctgatccg
bcsE-gfp.zeo.long-5	aacctatgcgactgttagatgatgctgtggagcgtcatcagaattcagctcggatcccg
bcsE-gfp.zeo.long-3	gcgcaaacgacaataatttcaatgatacgtgatggtcatcatcagctcgtcctcgg
YedQ.end.500-5	cgtfgcagtgccagcgtgg
yedQ.500-3	cctggttttaatacgtac
yedQ-gfp.zeo.L-5	cttcgtgccgaggagcaggactgacggcggagaaaaaatggtccagc
yedQ-gfp.zeo.L-3	gactctagaggatccccgggtaccgagctcgaattcagcgttatcgtcgcgaatacccg