Table SI. Primers used for confirmation of the results of 2-D electrophoresis, and high-throughput sequencing.

A, 2-D electrophoresis

Protein/gene	Forward primer	Reverse primer
16S rRNA	5'-TTACCAGCCCTTGACATCC-3'	5'AACCCAACATCTCACGACAC-3'
Hypothetical protein BAbS19_I16470	5'-GGTGTCCAGGATTGTTTCG-3'	5'-TGTCTGTCGGCGTTTCAT-3'
ExsB protein	5'-TATCGCACGCCCTTTGAG-3'	5'-TGGTCGGGTCGTCTATTCC-3'
Enoyl-(acyl carrier protein) reductase	5'-TAATCGCTCTATCGCTTGGG-3'	5'-CTTCTTCAATGCGTCACCCT-3'
Chaperonin Cpn60TCP-1	5'-ACGAAGTAAGGCGACAGG-3'	5'-TTGAAGAAGCCAAGACCG-3'
Aspartate-semialdehyde dehydrogenase	5'-TAATCGCCAACCCGAACTG-3'	5'-CCGACTGATAGGTGGAAACA-3'
Elongation factor Tu	5'-AGCAGCCGAAACCACCA-3'	5'-AGACCGCAAACCGTCACTA-3'
Polyprenyl synthetase	5'-TGCTGGGTCAGGCGTTCAA-3'	5'-ATTCGTCTTCGGTGGTTTCC-3'
Putative sulfite oxidase subunit YedY	5'-CAAGCCTTCTGTCGCAA-3'	5'-CTCATCAAGACGCAAACCC-3'
DnaJ, chaperone protein DnaJ	5'-CGAAGCCGAACGCAA-3'	5'-CGCCCATACCGCCATTTT-3'
isocitrate dehydrogenase	5'-CCACTATCGCCAGCATCA-3'	5'-ACCTTTTCCAGCGTTTCG-3'
Enolase	5'-ACGCAGACGAGCCGAAT-3'	5'-GCTTGCCAGCGACTATCCTA-3'
Acetyl-CoA carboxylase, α subunit	5'-GCCCTTCAGGCTGGTTT-3'	5'-TTGAGGCGGGTCTTGGTGT-3'
Bacterial protein export chaperone SecB	5'-CTTGGCTTCCAGCGTCA-3'	5'-GCGCCTTCCATCAACATC-3'
Antifreeze protein, type I	5'-CATCTGGCTGGCATGAAGG-3'	5'-TCAGGCAGAACGGTGAAGAG-3'
Lactatemalate dehydrogenase	5'-GGTCGGAACGCCCACATA CAT-3'	5'-CCAGATGGCTGAATCCTACCTC-3'
Phosphoribosylformylglycinamidinecyclo-ligase	5'-AGGAAGCAAGGCCCAGAAT-3'	5'-GGTGAGACGGCGGAAAT-3'
Periplasmic binding protein	5'-CTGGTGAAACCCGCTATCC-3'	5'-GTGCCTACAACCCTGT-3'
tryptophanyl-tRNAsynthetase	5'-CCTGGGTGTTCAACTG-3'	5'-AGGCTCGGATAGGCAAA-3'

B, High-throughput sequencing

Protein/gene	Forward primer	Reverse primer
BAbS19_I10210	5'-GTCAGAACCAACACTGGAG GAT-3'	5'-ATGAAGGTGGCCCATAACG-3'
BAbS19_I13070	5'-TCGGTTTCGCACTCTTCC-3'	5'-GCCTCATCGCCATTCATC-3'
BAbS19_I02060	5'-TTTTGGCGATGACGGTGAC-3'	5'-GGAAACAGGCAGAAAGGGAG-3'
BAbS19_I03220	5'-CCTCGCAGACTCCTAAA-3'	5'-ACTGGACGACCAAAGC-3'
BAbS19_I19140	5'-AAAACCCTCCCGCTTGATAC-3'	5'-TCGATGCGTCGTTCCTG-3'
BAbS19_I04760	5'-GCAACGGTCTCCATCATTC-3'	5'-GTGCCCAGTTTACGA-3'
BAbS19_I01340	5'-GCCGATGGCGTAATGAATG-3'	5'-AATGCCGTGCTCCTGTTTGC-3'
BAbS19_I14970	5'-ATGGCGTTCAGGACTCACA-3'	5'-TTCCGACCTTCATAGGC-3'
BAbS19_I01720	5'-AACTGAAGAAGAACGAG GCG-3'	5'-TGGGCAGGAAGTCACGAAT-3'
BAbS19_I02050	5'-TTTTGGCGATGACGGTGAC-3'	5'-GGAAACAGGCAGAAAGGGAG-3'
BAbS19_I19580	5'-TTTTGGCGATGACGGTGAC-3'	5'-GGAAACAGGCAGAAAGGGAG-3'
BAbS19_I17580	5'-ACCATAGGTTTCACGGCCA TCT-3'	5'-ATCACCGACCCTGCTGCTTTCA-3'
BAbS19_I14530	5'-GCATACCACGGCAATCTTC-3'	5'-GGCCATTTCAGGTTCTC-3'
BAbS19_I01700	5'-ATGGCACGCTGAAGGATTTG-3'	5'-TGCGACGGGAACAGGTTT-3'

2-D, two-dimensional.