Table S1. Primers used in this study

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| primer | sequence | reference | |
| aroQ1A1B | ATGGATCCGCGTTCTTCGATGCCAG | | This study |
| aroQ1B1C | AGGGAAAAGTGGTGGCAGAGGTTTGACTGGATGGGCGAA | | This study |
| aroQ1A2C | TTCGCCCATCCAGTCAAACCTCTGCCACCACTTTTCCCT | | This study |
| aroQ1B2H | TCAAGCTTGATGATGAGATGCCGATGCC | | This study |
| aroQ2A1E | CTGAATTCGCAGTCGCTGACGCTGTTCG | | This study |
| aroQ2B1C | TGGCGCGCCGGGCGCCGGGAATTCAGTCTCCTGTCGGGCCG | | This study |
| aroQ2A2C | CGGCCCGACAGGAGACTGAATTCCCGGCGCCCGGCGCGCCA | | This study |
| aroQ2B2H | TCAAGCTTGAAGTAGTTGCGCAGCCA | | This study |
| glmsdown | GCGCTCAAGCTCAAGGAGATC | Zhang *et al*., 2011 | |
| Tn7R | CACAGCATAACTGGACTGATTTC | Zhang *et al*., 2011 | |