**Supplementary File 2: Primers used in this study**

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| **Primer** | **Sequence (5´-3´)\*** |
| P1\_oatA | GAGGATCCCAAAGCACAAGGTTTAGGTG |
| P2\_oatA | TGCCATGGTCCATGTTAATAAACGCCC |
| P3\_oatA | TGCCATGGACGATGGAAACACATGCTAC |
| P4\_oatA | GCGAGATCTGATCAGTGAATAAACCGCTC |
| P5\_fmtA | TATGGATCCGCTTTCATATTGACTCTCAC |
| P6\_fmtA | GCCATATACATGTTATATCTTCTATATCATTTGATAATTGCCTCAC |
| P7\_fmtA | GTGAGGCAATTATCAAATGATATAGAAGATATAACATGTATATGGC |
| P8\_fmtA | TGGAGATCTTTGGGTTTTCATCTTTACTG |
| P9\_arlR | CATGCCATGGCCTAAAGTGTCGTAAGGG |
| P10\_arlR | GTCACGATCGTATGGTTTTAACTTTAAAATTTGCGTCATTTGTACACC |
| P11\_arlR | GGTGTACAAATGACGCAAATTTTAAAGTTAAAACCATACGATCGTGAC |
| P12\_arlR | TGGAGATCTGTTCGTAATTCATGTGACG |
| P13\_atl | GGAAGATCTTCCGAAACAATGAAATCACTTAGC |
| P14\_atl | GATCCTATGTTCATGTTGCTCTATTTATTACTCCTAAC |
| P15\_atl | GTTAGGAGTAATAAATAGAGCAACATGAACATAGGATC |
| P16\_atl | CGGAATTCCGCATATAAGGTACTATCAAACG |
| P17\_tarS | GCGAGATCTCAGATCAAACAAGAGATGG |
| P18\_tarS | CTCACAATGATTTGAGGGCATTTATATACCTCTCCCACTTTGACTAC |
| P19\_tarS | GTAGTCAAAGTGGGAGAGGTATATAAATGCCCTCAAATCATTGTGAG |
| P20\_tarS | CATGCCATGGTGGAAAATCGACATCGTCTTC |
| P25\_dltA | GCAGATCTGAATGTATATATTTGCGCTGATG |
| P26\_dltA | GTAAAATCACCATATGGAATCATATTAAGTCTCCCTCATTAGAACTC |
| P27\_dltA | GAGTTCTAATGAGGGAGACTTAATATGATTCCATATGGTGATTTTAC |
| P28\_dltA | GCGAATTCCGAAACGTTTGTAACGATCG |
| P29\_AtlAM | CGGAGGATCCGCGAAAAAATTCAATTACAAACTACC |
| P30\_AtlAM | TAGCTGTATCAGCAACTACGATACCTTCAGGACGACCTACGCCG |
| P31\_AtlAM | GTATCGTAGTTGCTGATACAGCTAATGATCGTTCGACGATAAATG |
| P32\_AtlAM | GCCTGAATTCGAGCAACACCGTTTAATGATGAAACTG |
| P33\_AtlGL | GCGAGGATCCGTTTATTTATACGGTACTATTAATAACCGC |
| P34\_AtlGL | CCGTTACCTGTCGCTAATAGGGCATGTGAGATAAGATAAACTTC |
| P35\_AtlGL | CATGCCCTATTAGCGACAGGTAACGGTACTTCTCAATTAGCGAAAG |
| P36\_AtlGl | CGCTGAATTCGTCAATGTTTATCGGAAGTCGAATTAGAC |
| P41\_LytA | GCCGGATCCTTTAATTTCTTCTGCATCAAGG |
| P42\_LytA | GTTGTTTTAATTGATAAGGAGTAGAATATGTAATAATGGAATGTCTTT  CAAATC |
| P43\_LytA | CATATTCTACTCCTTATCAATTAAAACAAC |
| P44\_LytA | GGTAAGAATTCGCCACAGTTTAAACATTTC |
| P45\_LytA | GGCGCTAGCATGGAAATTAATGTGAGTAAATTAAG |
| P45\_LytA | GCGAGATCTTTATTTTACTGTAATCAAGCCATC |
| Pexp1 | CCAGGATCCGCTTCAGCACAACCAAGATCAG |
| Pexp2 | CGTGGATCCGCTTATACTGTTACTAAACC |
| Pexp4 | CCAGTCGACTTATTTATATTGTGGGATGTCG |
| Pexp\_stop1 | GCAGTAGCACAACCAAAAACAGCTGTAtaaGCTTATACTGTTACTAAAC  CACAAACG |
| Pexp\_stop2 | CGTTTGTGGTTTAGTAACAGTATAAGCttaTACAGCTGTTTTTGGTTGTGC  TACTGC |
| Pexp\_  H265A1 | GGTCGTCCTGAAGGTATCG TAGTTgcaGATACAGCTAATGATCGTTCGACG |
| Pexp\_  H265A2 | CGTCGAACGATCATTAGCTGTATCtgcAACTACGATACCTTCAGGACGACC |
| Pexp\_  E1228A1 | CTTATCTCACATGCCCTATTAgcaACAGGTAACGGTACTTCTC AATTAGC |
| Pexp\_  E1228A2 | GCTAATTGAGAAGTACCGTTACCT GTtgcTAATAGGGCATGTGAGATAAG |
| Drs(+) | GTACTTGTTCGCCCTCTTCG |
| Drs(-) | TTAGCATCCTTCGCACCAG |
| Tbp (+) | GGCAAAGAGTGAGGACGACT |
| Tbp (-) | GAGCCGACCATGTTTTGAAT |
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\* Restriction sites are underlined