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

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| Primer | Sequence (5’→3’) |
| del\_tatBup-f | GAGTCTAGAGGGATGTTTTGGATGTTCGAACAAAAAC |
| del\_tatBup-r | CCATCCACTAAACTTAAACAACCCACGCTAGAAAACATCAGACC |
| del\_tatBdn-f | TGTTTAAGTTTAGTGGATGGGTACTCAGGTGGCGTCTCTTGG |
| del\_tatBdn-r | GTGCCTGCAGGCCAATTGATCCCGAATGCTGAG |
| del\_tatEup-f | GAGGTCGACGTTGTTAAACATGTCCTCGGCG |
| del\_tatEup-r | CCCATCCACTAAACTTAAACAAATATTTCTGCATTCCACCCTAG |
| del\_tatEdn-f | TGTTTAAGTTTAGTGGATGGGCAGATCGAAAGCTCCGATCAG |
| del\_tatEdn-r | GTGGGATCCGAACACTACCCCAATGGCACTGATC |
| del\_tatAup-f | GCGCTCTAGAGACAGCAAAGCAGTGCACCC |
| del\_tatAup-r | GACAATGATTCCAATTTCCC |
| del\_tatAdn-f | GGGAAATTGGAATCATTGTCCGTCAGAACTACGAGGATCC |
| del\_tatAdn-r | GCGCGAATTCGAACCATACCCACCAACGCCG |
| del\_qcrAup-f | AATTCTAGAGCTAATGGCGGTGGCCCAGGACTCG |
| del\_qcrAup-r | CCCCGTAACTAAACTTAAACATGTGTACTGTTTGTCGTTGTTGTTACTCAT |
| del\_qcrAdn-f | TGTTTAAGTTTAGTTACGGGGGGCCCTGCATTCTGGGAGCGTAAGTCATGA |
| del\_qcrAdn-r | AATCCCGGGAGTAACCCATGAAGCCTTCAGCCATACC |
| *Sal*I-qcrA-f | GAGAGTCGACGAAGGAGATATACATATGAGCAATGAGGATCTTGC |
| qcrA-*Kpn*I-r | GAGAGGTACCTCATGACTTACGCTCCCAGAATG |
| QC:QcrARR-KK-f | CTCTTGGCAGACCTCTACTCTTGGTAAGAAGAAGCTGATCATGGGACTTGCAGGTG |
| QC:QcrARR-KK-r | GAGAACCGTCTGGAGATGAGAACCATTCTTCTTCGACTAGTACCCTGAACGTCCAC |
| *Eco*RI\_tatB-f | GCGCGAATTCAAGGAGATATAGATATGTTTTCTAGCGTGGGTTG |
| tatB\_*Sal*I-r | GCGCGTCGACCTAAATAATATCGGTCCAAGAG |
| *Eco*RI\_tatBEc-f | GCGCGAATTCAAGGAGATATAGATGTGTTTGATATCGGTTTTAGCG |
| EctatB\_*Sal*I-r | GCGCGTCGACTTACGGTTTATCACTCGACGAAG |
| *Sac*I-tatB-f | GCGCGAGCTCAAGGAGATATAGATATGTTTTCTAGCGTGGGTTG |
| tatB-*Bam*HI-r | GCGCGGATCCCTAAATAATATCGGTCCAAGAG |
| deltaE-f | CAATGGCGTGACTCTTGGTG |
| deltaE-r | CGCGCTGTTCTTCTTCCTGC |
| deltaB-f | GATCGTGCAGGATCTAAAGC |
| deltaB-r | TCCAGCAATTCCTCACTGAC |
| CgDel-for | AGGCTTGATCGCATCCGAAG |
| CgDel-rev | CAGGCTCAAACAGTGGCATC |

aRestriction sites are underlined