N-terminal sequences of signal peptides assuming critical roles in expression of heterologous proteins in *Bacillus subtilis*

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| Primers | Sequence (5’-3’) |
| APL-F | CGCCATATGGAATTCATGGCGGGCAATGCAGATTAC |
| APL-R | CTAGCTAGCTTAATAGCTCGTCTTCAGCCAGTTGTC |
| LipA-F | CGCCATATGATGAAATTTGTGAAACGCAGAATTATTG |
| LipA(YncM N5)-F | CGCCATATGATGGCTAAACCGCTGCGCAGAATTATTGCGCTGGTG |
| LipA(YncM N7)-F | CGCCATATGATGGCTAAACCGCTGTCAAAAATTATTGCGCTGGTGACAATTCTG |
| LipA-R | CCGGAATTCCGCTTTCGCGCTCGGTTG |
| YncM-F | CGCCATATGATGGCTAAACCGCTGTCAAAAG |
| YncM(LipA N5)-F | CGCCATATGATGAAATTTGTGAAATCAAAAGGCGGCATTCTGG |
| YncM(LipA N7)-F | CGCCATATGATGAAATTTGTGAAACGCAGAGGCGGCATTCTGGTTAAAAAAG |
| YncM-R | CCGGAATTCCGCATCAGCTGCTGGCAG |
| WapA-F | CGCCATATGATGAAAAAACGCAAACGCAG |
| WapA-R | CCGGAATTCCGCCAGCACATCCGCCG |
| PelB-F | CGCCATATGATGAAATACCTGCTGCCGAC |
| PelB-R | CCGGAATTCGGCCATCGCCGGCTGGG |
| AmyX-F | CGCCATATGATGGTCAGCATCCGCCG |
| AmyX(LipA N5)-F | CGCCATATGATGAAATTTGTGAAACGCAGCTTCGAAGCGTATG |
| AmyX(LipA N7)-F | CGCCATATGATGAAATTTGTGAAACGCAGATTCGAAGCGTATGTCGATGAC |
| AmyX-R | CCGGAATTCCGGCGGTGTCATGATTTC |
| APL(LipA N5)-F | CGCCATATGATGAAATTTGTGAAAGATTACAATCTGACCGGCTTC |
| pMA5-test-F | CTTTGCTGAGGTGGCAGAGGGC |
| pMA5-test-R | GCTTGCTTTCGAGGTGAATTAGCTTG |
| APL-qPCR-F | ATTCGGGATTACCAGCAACGGG |
| APL-qPCR-R | ATCCGTCTGATTGTTGCGCACC |
| danN-qPCR-F | GCACTTGCCGCAGATTGA |
| danN-qPCR-R | AATGCAAGACGGTGGCTATC |

Table S1. Primers used in this study.