**Table S2. Primers and plasmids**

|  |  |  |
| --- | --- | --- |
| **Primers or plasmids** | **Relevant genotype, description or sequence** | **Reference or source** |
| **Primers** |  |  |
| ThisiDRAFT\_1533 (*lbpA1*) Strep fw | ACAAC**CATATG**AGCGCTTGGAGCCACCCGCAGTTCGAAAAAGATGACTGTAAC (NdeI) | This study |
| ThisiDRAFT\_1533 (*lbpA1*) rev | CGAGC**GAATTC**TTATGCCGTGC | This study |
| Hden\_0696 *(lbpA2*) Strep fw | GAGTGA**CATATG**AGCGCTTGGAGCCACCCGCAGTTCGAAAAACCAGTCGTGAAGGGATGCAATCTA (NdeI) | This study |
| Hden\_0696 *(lbpA2*) rev | GCCGT**GAATTC**TCAGCCGCAACCTGCGAAA (EcoRI) | This study |
| TK90\_0642 (*lplA1,* single domain) fw | CTGCC**GAATTC**ATGTCTGAACGCGATCA (EcoRI) | This study |
| TK90\_0642 (*lplA1,* single domain) rev | GCGCAA**TCTAGA**TTCATCCCGCTGATTCCT (XbaI) | This study |
| Hden\_0686 (*lplA,* single domain) fw | TCGAGACGGGTG**CCATGG**CATGAGTATAG (NcoI) | This study |
| Hden\_0686 (*lplA,* single domain) rev BAD | CCGAGA**TCTAGA**TCATGGCCTCAGCGTC (XbaI) | This study |
| Hden\_0686 (*lplA,* single domain) Strep fw | TGATCT**CATATG**AGCGCTTGGAGCCACCCGCAGTTCGAAAAAAGTATAGGGCGGCGCGCATT (NdeI) | This study |
| Hden\_0686 (*lplA,* single domain) rev pET | TGACCGA**GAATTC**CTTCATGGCCTCAG (EcoRI) | This study |
| TK90\_0638 (*lbpA1*) fw | TTTTTT**CATATG**GACTGCAACGGTTGC (NdeI) | This study |
| TK90\_0638 (*lbpA1*) rev | TTTTTT**CTCGAG**CTATCGCAGCTTGCGCTG (XhoI) | This study |
| TK90\_0640 (*lbpA2*) fw | TTTTTT**CATATG**GGCGCAGTACGGGGT(NdeI) | This study |
| TK90\_0640 (*lbpA2*) rev | TTTTTT**GGATCC**TTAGCAGCCGCCGAAAC (BamHI) | This study |
| XC257/ XC259 forward (with RBS, *HindIII*) for TsLbpA1 and HdLbpA2 | TCTAT**AAGCTT**AAAACCATTATATTAGGAGGAAATAACATGAGCGCTTGGAGCCACCC (HindIII) | This study |
| XC258 reverse (*SphI*) for TsLbpA1 | TCTAT**GCATGC**TTATGCCGTGCGGGTGCAGTG (SphI) | This study |
| XC260 reverse (*SphI*) for HdLbpA2 | TCTAT**GCATGC**TCAGCCGCAACCTGCGAAACCTTC (SphI) | This study |
| Fwd5'\_∆lbpA | AAAA**GCATGC**CACCAAGGGACGGCTCGCT (SphI) | This study |
| Rev5'\_∆lbpA | TAAGAGCGGCCGTAGAAGCTCA**CCCGGG**CATAGTTCACTCCGATATTG (SmaI) | This study |
| Fwd3'\_∆lbpA | AAAA**TCTAGA**GCGATCGCTCGATGGAAAA (XbaI) | This study |
| Rev3'\_∆lbpA | CAATATCGGAGTGAACTATG**CCCGGG**TGAGCTTCTACGGCCGCTCTTA (SmaI) | This study |
| **Plasmids** |  |  |
| pET22b | Apr | Novagen |
| pHP45Ω-Tc | Apr, Tcr | (*Fellay et al., 1987*) |
| pk18*mobsacB* | Kmr, Mob+, *sacB*, *oriV*, *oriT*, *lacZ*α | (*Schäfer et al., 1994*) |
| pk18*mobsacB*∆lbpA2 | Kmr, 2.02 kB SOE PCR fragment cloned into pk18*mobsac*B using SphI and XbaI restriction sites | This study |
| pk18*mobsacB*∆lbpA2Tc | Tcr, pHP45Ω-Tc tetracycline cassette excised with SmaI and inserted into pk18*mobsacB*∆lbpA2 using BglII and Klenow fill in | This study |
| pBBR1p264HdenHdrTet | Kmr, Tcr, genes Hden\_0688 to Hden\_0696 and pHP45Ω-Tc tetracycline cassette in pBBR1p264 | (*Koch and Dahl, 2018*) |
| pBAD22A | Apr | (*Guzman et al., 1995*) |
| pdr-111-amyE-hyper-SPANK | Apr, Specr, IPTG-inducible shuttle vector, *5-amyE*, *3-amyE*, Phyper spank | Gift by David Rudner |
| pdr-111-amyE-hyper-SPANK-*TsLbpA1* | Apr, Specr, SphI-HindIIIfragment of PCR amplified ThisiDRAFT\_1533 (*lbpA1*) with ribosome binding site added in pdr-111-amyE-hyper-SPANK | This study |
| pdr-111-amyE-hyper-SPANK-HdLbpA2 | Apr, Specr, SphI-HindIII fragment of PCR amplified Hden\_0696 (*lbpA2*) with ribosome binding site added in pdr-111-amyE-hyper-SPANK | This study |
| pET-*Ts*LbpA1-Strep (ThisiDRAFT\_1533) | Apr, N-terminal Strep-tag, NdeI-EcoRI fragment of PCR amplified ThisiDRAFT\_1533 (*lbpA1*) in pET22b | This study |
| pET-*Hd*LbpA2-Strep (Hden\_0696) | Apr, N-terminal Strep-tag, NdeI-EcoRI fragment of PCR amplified Hden\_0696 (*lbpA2*) in pET22b | This study |
| pBAD-*Tk90*LplA (TK90\_0642) | Apr, EcoRI-XbaI fragment of PCR amplified TK90\_0642 (*lplA*) in pBAD | This study |
| pBAD-*Hd*LplA (Hden\_0686) | Apr NcoI-XbaI fragment of PCR amplified Hden\_0686 (*lplA*) in pBAD | This study |
| pET—*Hd*LplA-Strep (Hden\_0686) | Apr, NdeI-EcoRI fragment of PCR amplified Hden\_0686 (*lplA*) in pET22b | This study |
| pET-*TK90*LbpA1 (TK90\_0638) | Apr, NdeI-XhoI fragment of PCR amplified TK90\_0638 (*lbpA1*) in pET22b | This study |
| pET-*TK90*LbpA2 (TK90\_0640) | Apr, NdeI-BamHI fragment of PCR amplified TK90\_0640 (*lbpA2*) in pET15b | This study |
| pET-*Tk90*LplA (TK90\_0642) | Kmr, NdeI-BamHI fragment of PCR amplified TK90\_0642 (*lplA*) in pET28b | This study |

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