**Supplementary Table S3. Primers used in this study.**

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| --- | --- | --- | --- |
| **Name** | **Sequence** | **Use** | **Source** |
| *dciAMsm (MSMEG\_0004)* | TCACCCAGGACCTCGCGAAATC | qRT-PCR For | This study |
| *dciAMsm (MSMEG\_0004)* | CAGCACGCCTTCGTTGAGC | qRT-PCR Rev | This study |
| *dciAMtb (Mtb\_0004)* | CTGGCAAAGAAACGCGGCTG | qRT-PCR For | This study |
| *dciAMtb (Mtb\_0004)* | TCAACACCCCGTCGTTTAGCG | qRT-PCR Rev | This study |
| *M. smeg\_*SigA | TGCCGATCTGCTTGAGGTAGG | qRT-PCR For, ChIP-qPCR For | [1] |
| *M. smeg\_*SigA | CTTCGTGTGGGACGAGGAAGAG | qRT-PCR Rev, ChIP-qPCR Rev | [1] |
| M. smeg 16S rRNA | GTGCATGTCAAACCCAGGTAAGG | qRT-PCR For | [1] |
| M. smeg 16S rRNA | GGGATCCGTGCCGTAGCTAAC | qRT-PCR Rev | [1] |
| Mtb 16S rRNA | GAGATACTCGAGTGGCGAAC | qRT-PCR For | [1] |
| Mtb 16S rRNA | GGCCGGCTACCCGTCGTC | qRT-PCR Rev | [1] |
| *MSMEG\_dnaA* | AGGAGGAGTTCTTCCACACCTTC | qRT-PCR For | This study |
| *MSMEG\_dnaA* | GCTGGACATCGGTGATGAGGC | qRT-PCR Rev | This study |
| *MSMEG\_dnaN* | CGACCGACCGGTTCCGTCT | qRT-PCR For | This study |
| *MSMEG\_dnaN* | GCCAGATGCACCTGGTTGCC | qRT-PCR Rev | This study |
| *MSMEG\_0002* | TGGGTGCTGGCCACTACG | qRT-PCR For | This study |
| *MSMEG\_0002* | GCCTGCGGATCCTTGATGAGTTC | qRT-PCR Rev | This study |
| *MSMEG\_recF* | CCGCTGCGGGAGCACGTTA | qRT-PCR For | This study |
| *MSMEG\_recF* | CGGTGCGAGCAACTGGTAGG | qRT-PCR Rev | This study |
| *MSMEG\_gyrB* | GTTCGAGGGCCAGACCAAGAC | qRT-PCR For | This study |
| *MSMEG\_gyrB* | GCCGACGAGACCGCTTTGTTG | qRT-PCR Rev | This study |
| *Mtb* oriC For | GCATCCGTCAGCGCTCCAAG | To amplify EMSA substrate *oriCMtb* | [2] |
| *Mtb* oriC Rev | TGCGCCCTTTCACCTCACGATG | To amplify EMSA substrate *oriCMtb* | [2] |
| *M.smeg* rrnAPL For | AGAGGCGGACAAAAAACAACAAACAAAAAC | To amplify EMSA substrate *rrnAPL* | [3] |
| *M.smeg* rrnAPL Rev | TCCGTTGTTCGTGGAAAACCTGG | To amplify EMSA substrate *rrnAPL* | [3] |
| 3x Flag Rev | CTAGCCTTGTCATCGTCATCCTTGTAATCGATGTCATGATCTTTATAATCACCGTCATGGTCTTTGTAGTCGGACATG | Used as EMSA substrate 3xFlag | This study |
| *oriC1* For | GTGAGCAACTTCTGTCACACGC | ChIP-qPCR For | This study |
| *oriC1* Rev | GATATTCGAGTAACAGTAATAGGTGCTGTGG | ChIP-qPCR Rev | This study |
| *oriC2* For | GCTCGGCGGCTGTGGATACC | ChIP-qPCR For | This study |
| *oriC2* Rev | GAACGCCTGTTTGCCCAGCATC | ChIP-qPCR Rev | This study |
| *oriC3* For | CGCGCAAACCACAGGATGAC | ChIP-qPCR For | This study |
| *oriC3* Rev | GTCGCGGTGTGAGTGGTGTGT | ChIP-qPCR Rev | This study |
| *rplN* For | GATCGCGCTGAGTTCACACTCG | ChIP-qPCR For | [1] |
| *rplN* Rev | GATCTCCTGACCTGGTTTTGTATGCAC | ChIP-qPCR Rev | [1] |
| Msmeg\_0004 5’forward XbaI | GTCTAGAGCGCACGGCCTTGCTGAAAA | To amplify upstream homology of *MSMEG\_0004 (dciAMsm)*region for pDB88 (Forward) | This study |
| MSMEG\_0004 5’reverseNdeI | GCATATGGGTCATGAGGCCACCATCGAAAC | To amplify upstream homology of *MSMEG\_0004 (dciAMsm)*region for pDB88 (Reverse) | This study |
| MSMEG\_0004 3’forwardNdeI | GCATATGTGAGGCGTGTCACACCTCTTG | To amplify downstream homology of *MSMEG\_0004 (dciAMsm)*region for pDB88 (Forward) | This study |
| MSMEG\_0004 3’reverseScaI | GAGTACTGCAGCTGGGTCATGACGACATC | To amplify downstream homology of *MSMEG\_0004 (dciAMsm)*region for pDB88 (Reverse) | This study |
| MtbErdman\_0004 EcoRI For | GGAATTCATGAAGTCACCAGGGTTGGATTTGGTC | To amplify Rv*0004* (*dciAMtb*)for pMSG430 (Forward) | This study |
| MtbErdman\_0004 HinDIII rev | GAAGCTTTTCTGGGCCGATCGACGTGTTA | To amplify *Rv0004 (dciAMtb),* HA-Rv0004(HA-DciAMtb), and Rv0004-W113A (DciAMtbW113A) for pMSG430 (Reverse) | This study |
| Erdman0004 GLDL NtermHA For EcoRI | GGAATTCATGTACCCATACGATGTTCCTGACTATGCGGGGTTGGATTTGGTCAGGCG | To amplify HA-Rv0004(HA-DciAMtb) into pMSG430 (Forward) | This study |
| MtbErdman\_0004 BamHI For | GGGATCCATGAAGTCACCAGGGTTGGATTTGGTC | To amplify Rv0004 for pGEX-6P (Forward) | This study |
| erd0004GLDL For BamHI | GGGATCCGGGTTGGATTTGGTCAGGCGCA | To amplify Rv0004W113A (DciAMtbW113A) for pGEX (Forward) | This study |
| MtbErdman\_0004 HinDIII Rev | CAAGCTTTTCTGGGCCGATCGACGTGTTA | To amplify Rv0004 (DciAMtb) and HA-Rv0004 (HA-DciAMtb) for pGEX-6P (Reverse) | This study |
| N-HA gldl erd0004 BamHI | GGGATCCTACCCATACGATGTTCCTGACTATGCGG | To amplify HA-Rv0004 (HA-DciAMtb), HA-Rv0004W113A (HA-DciAMtbW113A), and HA-Rv0004 (HA-DciAMtb) N-terminus for pGEX-6P (Forward) | This study |
| Mtb DnaA For BamHI | GGGATCCTTGACCGATGACCCCGGTTC | To amplify *Mtb* DnaA for pGEX-6P (Forward) | This study |
| Mtb DnaA Rev NotI | GGCGGCCGCGCCGTGCTAGCGCTTGGAG | To amplify *Mtb* DnaA for pGEX-6P (Reverse) | This study |
| DnaA Rev HA stop NotI | GGCGGCCGCTTACGCATAGTCAGGAACATCGTATGGGTAGCGCTTGGAGCGCTGAC | To amplify *Mtb* DnaA-HA for pGEX-6P (Reverse) | This study |
| DnaB Nterm For BamHI | GGGATCCATGGCGGTCGTTGATGACCTAGC | To amplify *Mtb* DnaB for pET-SUMO (Forward) | This study |
| dnaB Cterm Rev HinDIII | GAAGCTTTCACCGAGCCATGTTGGCGAAG | To amplify *Mtb* DnaB for pET-SUMO (Reverse) | This study |
| DnaB Rev Flagstop XhoI | GCTCGAGTTACTTGTCGTCATCGTCTTTGTAGTCCCGAGCCATGTTGGCGAAGC | To amplify *Mtb* DnaB-Flag for pET-SUMO (Reverse) | This study |
| dnaB nterm Rev | TCGGCATCTTGTTCCAGCGAGCCCGATTCCCTGAGGTCG | Overlap PCR primer to amplify DnaB Nterminus to get rid of intein (Rev) | This study |
| dnaB Cterm For actual | GCCGACCTCAGGGAATCGGGCTCGCTGGAACAAGATGCCGA | Overlap PCR primer to amplify DnaB Cterminus to get rid of intein (For) | This study |
| STAWAT WtoA erd0004 | TCGACGGCGGCGGCGACGCAGTTG | Overlap PCR primer to generate W113A allele (Forward) | This study |
| Revcomp\_ STAWAT WtoA erd0004 | CAACTGCGTCGCCGCCGCCGTCGA | Overlap PCR primer to generate W113A allele (Reverse) | This study |
| Erdman0004 GLDL For EcoRI | GGAATTCGGGTTGGATTTGGTCAGGCG | To amplify Rv0004W113A for pMSG430 (Forward) | This study |
| Smeg FtsZ For XbaI | GTCTAGAATGACCCCCCCGCATAACTACCTC | To amplify *M. smegmatis* *ftsZ* for pMSG430 (Forward) | This study |
| Smeg FtsZ Rev EcorI | GGAATTCGCTCAGTGCCGCATGAAGGG | To amplify *M. smegmatis* *ftsZ* for pMSG430 (Reverse) | This study |
| Msm ftsZ upstream For | GCATATGACCTTGATGACCGCGAGGTAGTT | To amplify upstream homology region of *M. smegmatis* *ftsZ* for pDB88 (Forward) | This study |
| Msm ftsZ upstream Rev SspI | GAATATTCGTGGTGGTCAAGGACTATCCG | To amplify upstream homology region of *M. smegmatis* *ftsZ* for pDB88 (Reverse) | This study |
| Msm ftsZ downstream For XbaI | GTCTAGACCCAAACCCTTTAATTGACGGACGATTC | To amplify downstream homology region of *M. smegmatis* *ftsZ* for pDB88 (Forward) | This study |
| Msm ftsZ downstream Rev NdeI | GCATATGGCCCTTCATGCGGCACTGAG | To amplify downstream homology region of *M. smegmatis* *ftsZ* for pDB88 (Reverse) | This study |
| Erdman0004 Nterm +stop Rev SalI | GGTCGACTTAGTGGCCGACCACCGCAG | To amplify Rv0004 (DciAMtb) N-terminus for pGEX-6P | This study |
| Erdman0004 HA-Cterminus For BamHI | GGGATCCTACCCATACGATGTTCCTGACTATGCGCAGATCGCCGAACATGCACGC | To amplify Rv0004 (DciAMtb) and Rv0004-W113A (DciAMtbW113A) C-terminus for pGEX-6P | This study |

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