Table S3: Plasmids used in this study

| Name    | Description                                                                 | Plasmid Backbone | Reference |
|---------|------------------------------------------------------------------------------|------------------|-----------|
| pJLR965 | CRISPRi cloning vector for *M. tuberculosis* - vector expressing dCas9 and non-targeting sgRNA | -                | (46)      |

**Single sgRNA plasmids**

| Name | Description                                                                 | Plasmid Backbone | Reference |
|------|------------------------------------------------------------------------------|------------------|-----------|
| pCi7 | CRISPRi vector expressing dCas9 + sgRNA targeting *mmpL3*                   | pJLR965          | (48)      |
| pCi5 | CRISPRi vector expressing dCas9 + sgRNA (*frdA_a*) targeting *sdhA1*       | pJLR965          | This study |
| pCi8 | CRISPRi vector expressing dCas9 + sgRNA (*sdhA1_a*) targeting *sdhA2*      | pJLR965          | (42)      |
| pCi9 | CRISPRi vector expressing dCas9 + sgRNA (*sdhA2_a*) targeting *sdhA2*      | pJLR965          | (42)      |
| pCi23| CRISPRi vector expressing dCas9 + sgRNA (*frdA_b*) targeting *frdA*        | pJLR965          | (42)      |
| pCi24| CRISPRi vector expressing dCas9 + sgRNA (*frdA_c*) targeting *frdA*        | pJLR965          | (42)      |
| pCi25| CRISPRi vector expressing dCas9 + sgRNA (*sdhA1_b*) targeting *sdhA1*      | pJLR965          | (42)      |
| pCi26| CRISPRi vector expressing dCas9 + sgRNA (*sdhA1_c*) targeting *sdhA2*      | pJLR965          | This study |
| pCi27| CRISPRi vector expressing dCas9 + sgRNA (*sdhA2_b*) targeting *sdhA2*      | pJLR965          | (42)      |
| pCi28| CRISPRi vector expressing dCas9 + sgRNA (*sdhA2_c*) targeting *sdhA2*      | pJLR965          | This study |
| pCi95| CRISPRi vector expressing dCas9 + sgRNA (*cydB*) targeting *cydB*          | pJLR965          | (42)      |

**Multiplexed plasmids**

| Name    | Description                                                                 | Plasmid Backbone | Reference |
|---------|------------------------------------------------------------------------------|------------------|-----------|
| pCiMX15 | CRISPRi vector expressing dCas9 + sgRNAs (*sdhA1_a* and *sdhA2_a*)         | pCi8             | This study |
| pCiMX22 | CRISPRi vector expressing dCas9 + sgRNAs (*frdA_b* and *sdhA1_a*)         | pCi23            | This study |
| pCiMX23 | CRISPRi vector expressing dCas9 + sgRNAs (*frdA_b* and *sdhA2_a*)         | pCi23            | This study |
| pCiMX24 | CRISPRi vector expressing dCas9 + sgRNAs (*frdA_b, sdhA1_a*, and *sdhA2_a*) | pCi23            | This study |
| pCiMX30 | CRISPRi vector expressing dCas9 + sgRNAs (*sdhA1_b* and *sdhA2_b*)        | pCi25            | This study |
| pCiMX31 | CRISPRi vector expressing dCas9 + sgRNAs (*frdA_b, sdhA1_b*, and *sdhA2_b*) | pCi23            | This study |
| pCiMX34 | CRISPRi vector expressing dCas9 + sgRNAs (*sdhA1_c* and *sdhA2_c*)        | pCi26            | This study |
| pCiMX35 | CRISPRi vector expressing dCas9 + sgRNAs (*frdA_c, sdhA1_c*, and *sdhA2_c*) | pCi24            | This study |