

Table S3: Plasmids used in this study

Name	Description	Plasmid Backbone	Reference
pJLR965	CRISPRi cloning vector for <i>M. tuberculosis</i> - vector expressing dCas9 and non-targeting sgRNA		(46)
Single sgRNA plasmids			
pCi7	CRISPRi vector expressing dCas9 + sgRNA targeting <i>mmpL3</i>	pJLR965	(48)
pCi5	CRISPRi vector expressing dCas9 + sgRNA (<i>frdA_a</i>) targeting <i>frdA</i>	pJLR965	This study
pCi8	CRISPRi vector expressing dCas9 + sgRNA (<i>sdhA1_a</i>) targeting <i>sdhA1</i>	pJLR965	(42)
pCi9	CRISPRi vector expressing dCas9 + sgRNA (<i>sdhA2_a</i>) targeting <i>sdhA2</i>	pJLR965	(42)
pCi23	CRISPRi vector expressing dCas9 + sgRNA (<i>frdA_b</i>) targeting <i>frdA</i>	pJLR965	(42)
pCi24	CRISPRi vector expressing dCas9 + sgRNA (<i>frdA_c</i>) targeting <i>frdA</i>	pJLR965	(42)
pCi25	CRISPRi vector expressing dCas9 + sgRNA (<i>sdhA1_b</i>) targeting <i>sdhA1</i>	pJLR965	(42)
pCi26	CRISPRi vector expressing dCas9 + sgRNA (<i>sdhA1_c</i>) targeting <i>sdhA1</i>	pJLR965	This study
pCi27	CRISPRi vector expressing dCas9 + sgRNA (<i>sdhA2_b</i>) targeting <i>sdhA2</i>	pJLR965	(42)
pCi28	CRISPRi vector expressing dCas9 + sgRNA (<i>sdhA2_c</i>) targeting <i>sdhA2</i>	pJLR965	This study
pCi95	CRISPRi vector expressing dCas9 + sgRNA (<i>cydB</i>) targeting <i>cydB</i>	pJLR965	(42)
Multiplexed plasmids			
pCiMX15	CRISPRi vector expressing dCas9 + sgRNAs (<i>sdhA1_a</i> and <i>sdhA2_a</i>)	pCi8	This study
pCiMX22	CRISPRi vector expressing dCas9 + sgRNAs (<i>frdA_b</i> and <i>sdhA1_a</i>)	pCi23	This study
pCiMX23	CRISPRi vector expressing dCas9 + sgRNAs (<i>frdA_b</i> and <i>sdhA2_a</i>)	pCi23	This study
pCiMX24	CRISPRi vector expressing dCas9 + sgRNAs (<i>frdA_b</i> , <i>sdhA1_a</i> and <i>sdhA2_a</i>)	pCi23	This study
pCiMX30	CRISPRi vector expressing dCas9 + sgRNAs (<i>sdhA1_b</i> and <i>sdhA2_b</i>)	pCi25	This study
pCiMX31	CRISPRi vector expressing dCas9 + sgRNAs (<i>frdA_b</i> , <i>sdhA1_b</i> and <i>sdhA2_b</i>)	pCi23	This study
pCiMX34	CRISPRi vector expressing dCas9 + sgRNAs (<i>sdhA1_c</i> and <i>sdhA2_c</i>)	pCi26	This study
pCiMX35	CRISPRi vector expressing dCas9 + sgRNAs (<i>frdA_c</i> , <i>sdhA1_c</i> and <i>sdhA2_c</i>)	pCi24	This study