

Fig. S2: Oligonucleotides and plasmids used

Construct name	Gene	cDNA Template	Vector	Tag	Primers	Restriction sites	Cloning method	Resistance
CprG-HS	cprG	E. coli BW25113	pET28a	6xHis	5'-AAACCATGGGAAAAAATTAACCTGCTTTAA-3' 5'-TTTTTCTCGAGCTGTGTCAGCAACGCAGA-3'	NcoI-XhoI	Restriction enzyme	Kanamycin
CCA00344-HS	sca00034	C. coli GPC	pET28a	6xHis	5'-TCTAGAAATAATTGTTTGTTACTTGAAGAGGAGATATACCATGAAGCATCTTCAAGAAA-3' 5'-TTTGTTAGCAGCCGATCTCAGTGGTGTTGGTGCTGAGTTCAGGCTTTAAAGAAGAGA-3'	NcoI-XhoI	Gibson assembly	Kanamycin
CTB15-HS	ctb10187	C. trachomatis L2/434/Bu	pET28a	6xHis	5'-CATGGGGACAGTAGTGAGACAGCTC-3' (1) 5'-CGGACACAGCTGATGTGACGAGCTC-3' (2) 5'-TCGAGTTGGGAATCCCGCTCCAA-3' (3) 5'-GTTCGGAAATCCCGCTCCAA-3' (4)	NcoI-XhoI	See main text	Kanamycin
Flag-CT295	cti05447	C. trachomatis L2/434/Bu	pDEST-pNeoflag	Flag (Nter)	5'-GGGACACAGTTTGTCACAAAAGCAGCGCTGTAGTGAATTTCTAGAAGGA-3' 5'-GGGACACCTTTGTACAAAAGAGCTGGTGTCTACTACTAGAGTAAAAAGGTGAC-3'	NA	Gateway cloning	Ampicillin
Flag-CTB15	cti0187	C. trachomatis L2/434/Bu	pDEST-pNeoflag	Flag (Nter)	5'-GGGACACAGTTTGTCACAAAAGCAGCGCTGTAGTGAATTTCTAGAAGGA-3' 5'-GGGACACCTTTGTACAAAAGAGCTGGTGTCTACTACTAGAGTAAAAAGGTGAC-3'	NA	Gateway cloning	Ampicillin
Flag-CymR	CymR	Entry vector was a gift from Y. Jacob, Institut Pasteur	pDEST-pNeoflag	Flag (Nter)	5'-GGGACACAGTTTGTCACAAAAGCAGCGCTGTAGTGAATTTCTAGAAGGA-3' 5'-GGGACACCTTTGTACAAAAGAGCTGGTGTCTACTACTAGAGTAAAAAGGTGAC-3'	NA	Gateway cloning	Ampicillin
Flag-PGM1	pgm1	HeLa cells	pDEST-pNeoflag	Flag (Nter)	5'-GGGACACAGTTTGTCACAAAAGCAGCGCTGTAGTGAATTTCTAGAAGGA-3' 5'-GGGACACCTTTGTACAAAAGAGCTGGTGTCTACTACTAGAGTAAAAAGGTGAC-3'	NA	Gateway cloning	Ampicillin
PGM1-Flag	pgm1	HeLa cells	Zflag-pDEST- C Addgene #118372	Flag (Cter)	5'-GGGACACAGTTTGTCACAAAAGCAGCGCTGTAGTGAATTTCTAGAAGGA-3' 5'-GGGACACCTTTGTACAAAAGAGCTGGTGTCTACTACTAGAGTAAAAAGGTGAC-3'	NA	Gateway cloning	Ampicillin
PGM_CtrachomatisL2-cya	cti05447 (22 codons)	C. trachomatis L2/434/Bu	pUC19Cy	Cya	5'-agtcagggtgTAAgtagcaggagaataaacatAGGAATTTCTAGAGAGAAATAGAG-3' 5'-agttcagagacACAATGTTTGGTCTGTTT-3'	HindIII-XbaI	Restriction enzyme	Ampicillin
PGM_muridarum-cya	TC_R02875 (22 codons)	C. muridarum MOPH	pUC19Cy	Cya	5'-AGTCAagtgtTAAGtagcAGGAGtaattactAGGAATTTTCAAAGAAAAAATAGAGG-3' 5'-AGTCTctagaAGATAAAAAATTTTGGGCTTTGAGG-3'	HindIII-XbaI	Restriction enzyme	Ampicillin
PGM_suis-cya	WP_08014146 (22 codons)	C. suis 4.29b	pUC19Cy	Cya	5'-AGTCAagtgtTAAGtagcAGGAGtaattactAGGAATTTTCAAAGAAAAAATAGAGG-3' 5'-AGTCTctagaAGAGAAGATCTCTCACTAGTTTCTTGA-3'	HindIII-XbaI	Restriction enzyme	Ampicillin
PGM_caviae-cya	cca0034 (22 codons)	C. caviae GPC	pUC19Cy	Cya	5'-AGTCAagtgtTAAGtagcAGGAGtaattactAGGAATTTTCAAAGAAAAAATAGAG-3' 5'-AGTCTctagaGTTAAGATATTCTCGCTGTTATAGG-3'	HindIII-XbaI	Restriction enzyme	Ampicillin
PGM_pneumoniae-cya	cpn0056 (22 codons)	C. pneumoniae CWL29	pUC19Cy	Cya	5'-AGTCAagtgtTAAGtagcAGGAGtaattactAGGAATTTTCAAAGAAAAAATAGAG-3' 5'-AGTCTctagaTCAAAATATTTTCACTGTACTG-3'	HindIII-XbaI	Restriction enzyme	Ampicillin
CT295-Flag	ct295	p2TK(spect)-SW2-mCh(Gro)-Ter-Incv-NotI-3af-Flag-incTerm	p2TK(spect)- SW2- mCh(Gro)- NotI-3af-Flag	3af(Flag)	5'-ggttggcgccatcacatcttggaataaccttctagaaaggaataagaga-3' 5'-TCTATTATTCCTCTAGGAAGATTGCCATGcaattctctactct-3'	NdeI-NotI	overlap PCR followed with Gibson assembly	Spectinomycin
GigA-Flag	cti01617 (gigaA)	C. trachomatis L2/434/Bu	pBOMBA	Flag (Cter)	5'-TGATGTTTATATCACCTGCTAGTGCTTTTGAGTGGCctgggcggccagatgaaaaggtaactctgtttcttta-3' 5'-ttatctggagcgccttctgatgacagcagataaat-3' 5'-catetggccttATATcttctgcCTATGCTTCTTGATG(Ttttttatatacttctaattatacteece-3'	NotI-SalI		Ampicillin

siRNA sequences: *siipgm1_1* CCACAUCCGUGAGAAAGAU dTdT
 siipgm1_2 GCAAGACAAUUGAAGAAUA dTdT