

Species	Strain	Source
<i>Klebsiella pneumoniae</i>	MGH78578	ATCC
<i>Klebsiella pneumoniae</i>	SGH10	Lam <i>et al.</i> (Ref. ⁶²)
<i>Klebsiella pneumoniae</i>	SGH4	Lee <i>et al.</i> (Ref. ⁶³)
<i>Klebsiella pneumoniae</i>	NCTC204	Lab collection
<i>Klebsiella pneumoniae</i>	NCTC5056	Lab collection
<i>Klebsiella pneumoniae</i>	IA565	Hornick <i>et al.</i> (Ref. ⁶⁴)
<i>Klebsiella pneumoniae</i>	SGH4 Δ lpxM	This study
<i>Salmonella enterica</i> serovar <i>Typhimurium</i>	SR-11	Lab collection
<i>Shigella flexneri</i>	MT90	Lab collection
<i>Bacterioides fragilis</i>	ATCC 25285	Lab collection
<i>Streptococcus pneumoniae</i>	D39	Lab collection
<i>Escherichia coli</i>	DH5 α	Lab collection

Supplementary Table S1. Bacterial strains.

Sequences of RT-qPCR primers		
Gene	Forward primer sequence (5' to 3')	Reverse primer sequence (5' to 3')
<i>CDKN1A</i> (p21)	CTGTCACCTGTCTTGTACCC	AGTGGTAGAAATCTGTCATGC
<i>EIF4B</i>	TACAGACTGGAGGGCTCGTC	CCGATACCGGTCTGAATCAT
<i>FAS</i>	GTGACCCTTGCACCAAATGT	GACAAAGCCACCCCAAGTTA
<i>PMAIP1</i> (NOXA)	CATGAGGGGACTCCTTCAAA	TTCCATCTTCCGTTTCCAAG
<i>RRM1</i>	CTGCTGGAGGAATTGGTGTT	CTCTCAGCATCGGTACAAGG
<i>SESN1</i>	ATTCGGCTGTGGAATCAGTC	TCCACACTGTGATTGCCATT
<i>TP53</i>	TTTGGGTCTTTGAACCCTTG	CCACAACAAAACACCAGTGC
<i>TP53</i> , P1 isoforms	CCCCTGTCATCTTCTGTCCC	ACATCTTGTTGAGGGCAGGG
<i>TP53</i> , P2 isoforms	TAGACGCCAACTCTCTCTAG	AGTCAGGGCACAAGTGAACA
<i>TP53I3</i> (PIG3)	TAGCCGTGCACCTTGACAAG	ACTGGCCTTGTCTCTGCATT
<i>TP53INP1</i>	CAGAAATAGCCTTCGTCGCC	GTAATTGTACTGACGCGGGC
<i>ZMAT3</i> (Wig-1)	GAATGAGCAATGTGGTCGAG	GGAAGTGAAGGAGGCATCAC
<i>rLuc</i> (<i>Renilla</i> luciferase)	AACGCGGCCTCTTCTTATTT	ACCAGATTTGCCTGATTTCG
<i>fLuc</i> (<i>Firefly</i> luciferase)	TTCCATCTTCCAGGGATACG	ATCCAGATCCACAACCTTCG
Sequences of shRNAs		
Gene	Sequence of mature antisense (5' to 3')	
<i>RELA</i> (p65)	TCTATAGGAACTTGGAAGG	
<i>STAT3</i>	ATTGCTGCAGGTCGTTGGT	

Supplementary Table S2. RT-qPCR primers and shRNAs.