

Table S3: Table listing the primers used in this study.

Primer	Sequence
<i>S. flexneri</i> $\Delta hldE$ Forward	ATGGTATTATCGCGCGCAAATTTTGAATCTCTCAGGAGACAGGAATGAAATGTGTAGGCT GGAGCTGCTTCG
<i>S. flexneri</i> $\Delta hldE$ Reverse	TAGGCCTGCCTGCTACGAAGCGAGATCTGTGAACCGCTTCCGGTTAGCCCATATGAATAT CCTCCTTAG
<i>S. flexneri</i> $\Delta gmhB$ Forward	AGGCATCCAGACGTCTAAATCAATCAGGTTTATGCGAAGAGCACTTCTTGCAGGTGCGAA ACATGCGATACTAGCGTCCC ATGCCTTATTAAGGAGCTATAAAAGGTGGCGAAGAGCTGTGTAGGCTGGAGCTGCTTCG
<i>S. flexneri</i> $\Delta gmhB$ Reverse	GTGTGAAGTGATTCACATCCGCCGTGTCGATGGAGGCGCATTATAGGGAGTCGGCTCAG GAAGACAAGCGGAAAAATGCA TTTTTATTTCAACCGTTCATCTTTAATCATTGCGCCGGCATATGAATATCCTCCTTAG
<i>S. flexneri</i> $\Delta waaC$ Forward	AAAGTGACGCTGCGGAGGGTTATCACCAGAGCTTGATCGACACTTCCCCAGCGCGTA CTGGAAGAACTCAACGCGCTATTGTTACAAGAGGAAGCCTGACGGATGCGGGTTTTGTGT GTAGGCTGGAGCTGCTTCG
<i>S. flexneri</i> $\Delta waaC$ Reverse	CCTTGTAATCCCACCCAAAAAATAGGTGGTAATGAATAAGAATACGAGAGCTCTGTTCCA GTACGCTATCCAGTTTTTTTTCTCGAGAGAGAAAAATAATGTTGAGGTCATCTTATCTCCAT ATGAATATCCTCCTTAG
<i>N. meningitidis</i> <i>hldA</i> Forward overexpression	CCCAAGCTTAATGTCCGCCAAGTTCCAAC
<i>N. meningitidis</i> <i>hldA</i> Reverse overexpression	CCGGAATTCCTACATTGTTGATTGCCCTGA
<i>S. typhimurim</i> $\Delta hldE$ Forward	GCTATTATCGCGCGCAAATTTTGAATCTCTCAGGAGACAGGAATGAAATGTGTAGGCTGG AGCTGCTTCG
<i>S. typhimurim</i> $\Delta hldE$ Reverse	CAAAATCAGCGCCCGCCGCGTCTGTAACGCCTGATGACGCGTTTTACTTCATATGAATAT CCTCCTTAG
<i>S. typhimurim</i> $\Delta gmhB$ Forward	TGCGATACTAGCGCCACTTGCTTACTCAGGAGCTATAAAAGGTGGCATGTGTAGGCTGG AGCTGCTTCG
<i>S. typhimurim</i> $\Delta gmhB$ Reverse	AGAATGCATTTGTGTTTTAGCCGCTCATCTTTTATCCATAACGCTTATTTTCATATGAATATCC TCCTTAG
<i>S. typhimurim</i> $\Delta waaC$ Forward	CAAAGTGCGTAAAGGTGATACGGCGCAAGGCTATCACCAGAGCCTGATCGATATCACGCC GCAGCGGGTTCTGGAAGAGCTTCATTCGCTGTTGTCGGAAGAGGGCGTTAATGCGGTGT GTAGGCTGGAGCTGCTTCG
<i>S. typhimurim</i> $\Delta waaC$ Reverse	AAAAGAAAAACCAGCGCTTTATTCCAGATCGGCTTCCATTTCTTTATTTAACGTTAATGA TGTGGTTAGCATCTTTTCTCCACAATAGGTTTGGGATGAGACAGAGTCTCTTTAATGCATA TGAATATCCTCCTTAG
TIFA_BamHI_F	GCGGGATCCCAGTACCAGTTTTGAAGATGCTGA
TIFA_R2	GGGAGTTTCTCTCGATTGAAACTT

TIFA_F2	TTTCAGTCAATAAGTTTCAATCGAGAGA
TIFA_XbaI_R	GCTCTAGATCATGACTCATTTTCATCCATTCTGT
TIFA_EA_XbaI_R	GCTCTAGATCATGACTCATTTTCATCCATTGCT
ALPK1 YFP FL siRNA resistant 5 mutations (t761a_c762g_c7 63t_a767t_g768 c) Forward	5'-ggattgttttaacttttcataatcgttcttgacataactaacaagatgtctgccagtatacctagcgacg-3'
ALPK1 YFP FL siRNA resistant 5 mutations (t761a_c762g_c7 63t_a767t_g768 c) Reverse	5'-cgtcgctaggtatactggcagacatctttgtagtatgtccaagaacgattatgaaaagtttaaaacaatcc-3'
ALPK1 YFP Delta Kinase : t3059g Forward	5'-agttcagatTTTTTgaatattttcacaaaagagcactatgtgctcgg-3'
ALPK1 YFP Delta Kinase : t3059g Reverse	5'-ccgagcacatagtgctctttgtgaaaatattcaaaaaatctgaact-3'