Supplemental Figures

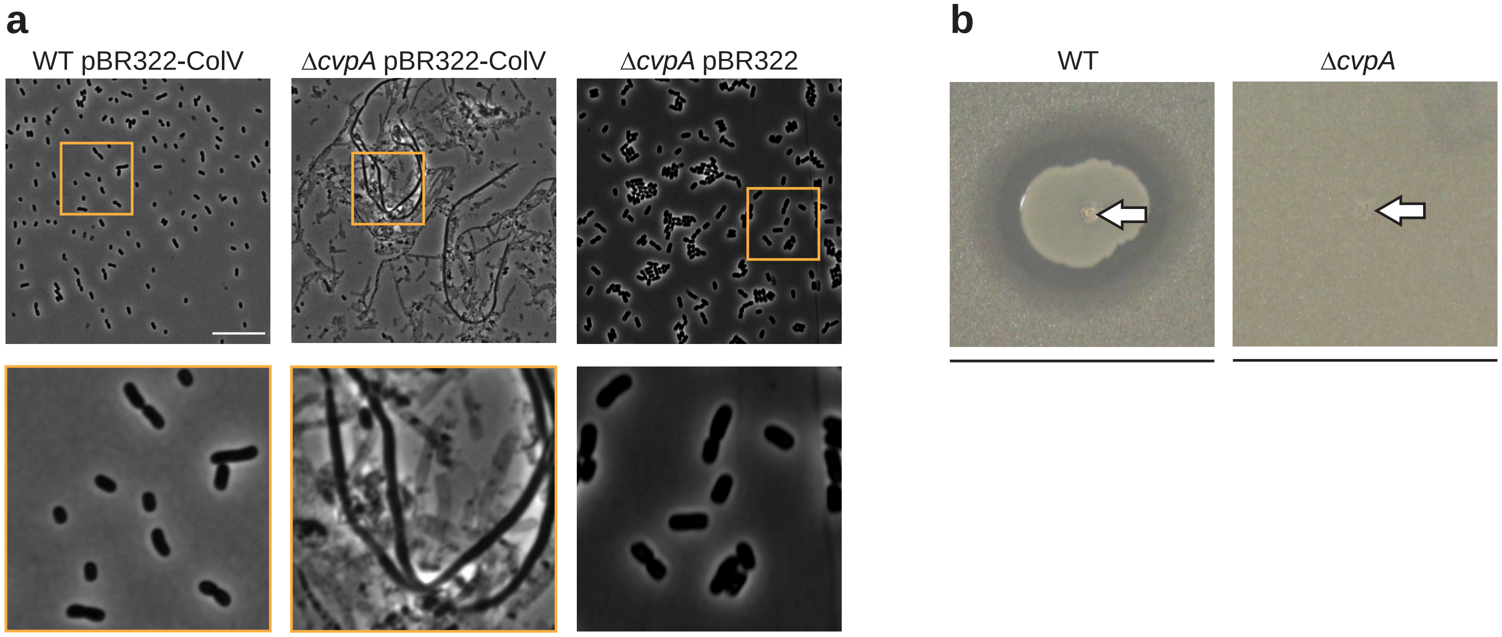
a
WT pBR322-ColV
ΔcvpA pBR322-ColV
ΔcvpA pBR322
b
WT
ΔcvpA

Figure S1: Δ*cvpA* EHEC is sensitive to Colicin V production and does not appear to secrete it. a) Micrograph of overnight culture of indicated strains expressing ColV from plasmid pBR322-ColV or carrying empty vector plasmid pBR322. Scale bar is 10 μM. Orange box denotes inset. b) 5 uL jab of overnight culture of indicated strain in soft agar matrix containing 100 μL of indicator (sensitive EHEC) strain. Arrow indicates position of jab. Line represents 20 mm.

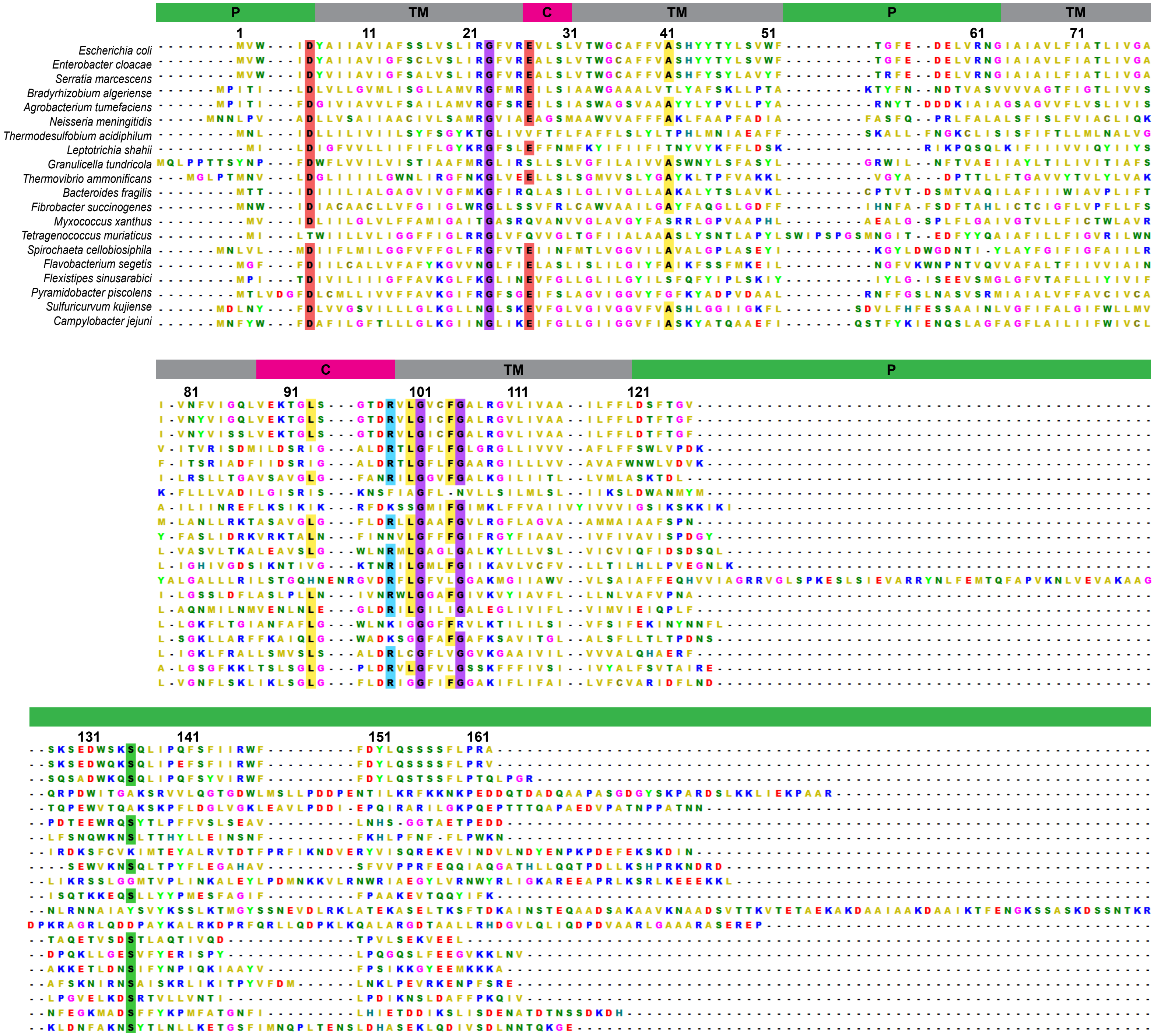
P
TM
C
TM
P
TM
1
11
21
31
41
51
61
71
Escherichia coli
Enterobacter cloacae
Serratia marcescens
Bradyrhizobium algeriense
Agrobacterium tumefaciens
Neisseria meningitidis
Thermodesulfobium acidiphilum
Leptotrichia shahii
Granulicella tundricola
Thermovibrio ammonificans
Bacteroides fragilis
Fibrobacter succinogenes
Myxococcus xanthus
Tetragenococcus muriaticus
Spirochaeta cellobiosiphila
Flavobacterium segetis
Flexistipes sinusarabici
Pyramidobacter piscolens
Sulfuricurvum kujiense
Campylobacter jejuni
C
TM
P
81
91
101
111
121
131
141
151
161

Figure S2: MUSCLE alignment of 20 CvpA homologs from bacterial species across diverse phyla. Residues with >70% conservation across species are indicated by a colored box. Residue numbering and predicted membrane topology for the *E. coli* CvpA is shown above the alignment. The green box indicates predicted periplasmic (P) segments, the gray box indicates transmembrane (TM) segments, and the pink box represents cytoplasmic (C) segments.