Fig. S1 Sequences of CexE homologs

>CexE (ETEC)

MKKYILGVILAMGSLSAIAGGGNSERPPSVAAGECVTFNSKLGEIGGYSWKYSNDACNETVAKGYAIGVAMHRTVNYEGGYSIQSSGIVKPGSDFIMKGGKTYKGHKKVSAGGDTPYWYK

>CexE (ETEC)

MKKYILGVILAMGSLSAIAGGGNSERQPSVAAGEGVTFNSKLGEIGGYSWKYSNDACNETVAKGYAIGVAMHRTVNYEGGYSIQSSGIVKPGSDFIMKGGKTYKGHKKVSTGGETPYWYK

>CexE (ETEC)

MKKYILGIILTMGSFSALAGGAWQPSVGPGECISFQSGLGEIGGYRWVSSNGCNEVINRGYALGVALERRVNYANGDSVSSAGVISPSRDYVMKGSKFSNGSPKVSTGGSSPYWYK

>CexE (ETEC)

MKNYILGIILTMGSFSALAGGVWQPSVGPGECISFQPGLGEIGGYRWVSSNGCNEVINRGFALGVALERRVNYANGDSVSSAGVISPNSDYVIKGSKFSNGSPKVSTGGSSPYWYK

>CexE (ETEC)

MKKIILALPFLTSCFSAFAGGSGPEWQPQISPGQCIQYTEIGETGGYKWHNIDACNEVVHRGYASGAFVSGKVVYEGGETIEYTGIVKPDAPYTIQAPSTHNGKKKVGHGGAYTYWAR

>CexE (ETEC)

MKKIILALPFLTSCFSAFAGSSGPEWQPQISAGQCIQYTEIGEAGGYKWNNIDYCNEVVRRGYASGVFASGKVVYEGGGVVEYTGLVKPDTPYAIQAPSTYNGKKKVGHGSAYTYWAR

>CexE (ETEC)

MKKLFFAFPLVISSFSTFAGGGSEWQPTVSPGQCIEYTEIGETGGYKWNDTDSCNEVVRRGYASGVMVSGKVFYDGAPSISYTGHVAPNKPYARQAPLYNDGKKKWGHGDSYTYWAR

>CexE (ETEC)

MKKIILSLSVIVFSHSVSAGSTNWQPSVGPGQCIVYAEIGETGGYKWNNQDDCNEVVRRGYASGVGVSGRVIYEGNTPGTNGDSIGYTGIVTPNKPYERQAPATYKGKKKVGHGDSYTYWAK

>CexE (ETEC)

MKRIILSLSVIFCSHSALAGSTDWQPSVGPGQRIVYAEIGETGGYKWNNQNECNEVVRRGYAIGVGVSGKVIYEGNKPGYNGDSISYSGIVTPYRDYKRQAPAVYNGKKKVAHGDSYTYWAK

>CexE (ETEC)

MKRIILSLSVIFCSHSALAGSTDWQPSVGPGQCIVYAEIGETGGYKWNNQNECNEVVRRGYAIGVGVSGKVIYEGNKPGYNGDSISYSGIVTPDRDYKRQAPAVYNGKKKVAHGDSYTYWAK

>CexE (ETEC)

MNKIKFVIFSGILGLSLNAFAGGSGWNADNVDPSQCIKLSGVQYTYNSSASVCMQGLNEGKVRGVSVSGEFYYNDGTTSSFKGVVTPSTPVNTNQDINKTNKVGVQKYRALTEWVK

>Dispersin (EAEC)

MKKIKFVIFSGILGISLNAFAGGSGWNADNVDPSQCIKLSGVQYTYNSGVPVCMQGLNEGKVRGVSVSGVFYYKDGTTSNFKGVVTPSTPVNTNQDINKTNKVGVQKYSALTEWVK

>Cr (*C. rodentium*)

MKLIGKFIGFAIMTISFYSFAGGGASSWIPNVAPSACVNIDESRISFTWNNNPECEKAISSGYASGVRIMGSASYVPDTTIAQFNKVLKRNMSLTIIDLDIYGSVNGYPAKLATMPIFRWES

>Pa (*P*. *alcalifaciens)*

MKKYILGIILTMGSFSALAGGAWQPSVGPGECISFQSGLGEIGGYKWVSSDGCNEVINRGHALGVGLERRVNYANGDYVSSAGVISPNRDYVIKGSTSSNGSPKVSTGGSSPYWYK

>Ec NCTC86 (*E. coli*)

MKKLNVSIFSIAACFSLNVFAGGGGWNSDLVDPQQCVKLSGAQYTYNSSSNKCMQGINEGKVHGVSLFGTFYYGDGSQGTFKGRVSPGTTLNTNQDMNKTNKYGVKYKVITEWVR

>Ye (*Y. enterocolitica*)

MKLTGKFIGFVIMTISFSSFAGGGSSSWKPSVDPSACVNINEQRTPSTWYDNPVWFTWNANPECEKAISSGYASGIRIMGTVSYVPESTISQFNKVLKPNMSLTIVDLDIYGAVNGHPPRFASRPEFRWES

>Ye (*Y. enterocolitica*)

MKLTGKFIGFVIMTISFSSFAGGGSSSWKPSVDPSACVNINEQRTPSTWYDNPVWFTWNANPECEKAISSGYASGIRIMGTVSYVPESTISHFNKVLKPNMSLTLVDLDIYGAVNGHPPRFASRPEFRWES