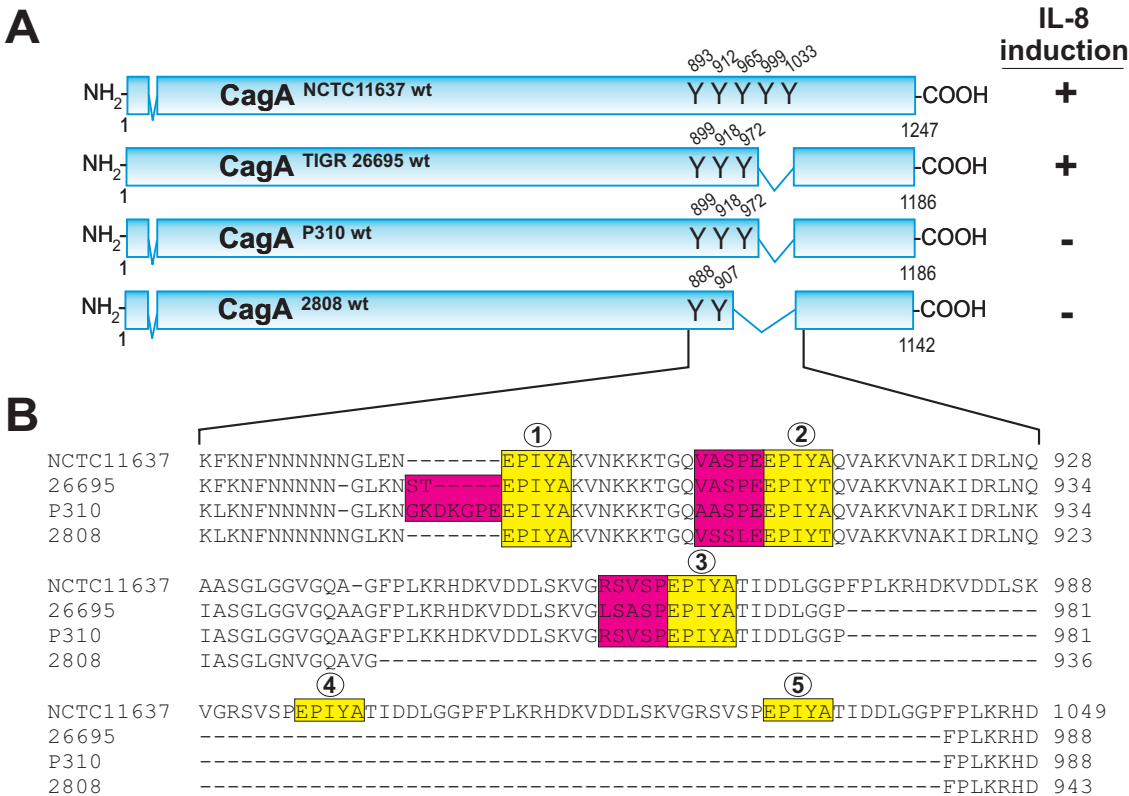
A
IL-8 induction
NH2
CagA NCTC11637 wt
893 912 965 999 1033
Y Y Y Y Y
-COOH
1
1247
+
CagA TIGR 26695 wt
899 918 972
Y Y Y
1186
+
CagA P310 wt
899 918 972
Y Y Y
1186
-
CagA 2808 wt
888 907
Y Y
1142
-
B
NCTC11637 KFKNFNNNNNNGLEN-------EPIYAKVNKKKTGQVASPEEPIYAQVAKKVNAKIDRLNQ 928
26695 KFKNFNNNNN-GLKNST-----EPIYAKVNKKKTGQVASPEEPIYTQVAKKVNAKIDRLNQ 934
P310 KLKNFNNNNN-GLKNGKDKGPEEPIYAKVNKKKTGQAASPEEPIYAQVAKKVNAKIDRLNK 934
2808 KLKNFNNNNNNGLKN-------EPIYAKVNKKKTGQVSSLEEPIYTQVAKKVNAKIDRLNQ 923
NCTC11637 AASGLGGVGQA-GFPLKRHDKVDDLSKVGRSVSPEPIYATIDDLGGPFPLKRHDKVDDLSK 988
26695 IASGLGGVGQAAGFPLKRHDKVDDLSKVGLSASPEPIYATIDDLGGP---------- 981
P310 IASGLGGVGQAAGFPLKKHDKVDDLSKVGRSVSPEPIYATIDDLGGP---------- 981
2808 IASGLGNVGQAVG---------- 936
NCTC11637 VGRSVSPEPIYATIDDLGGPFPLKRHDKVDDLSKVGRSVSPEPIYATIDDLGGPFPLKRHD 1049
26695 ----------FPLKRHD 988
P310 ----------FPLKKHD 988
2808 ----------FPLKRHD 943