

## Intrinsic inhibitory domain of CagA

### Supplemental Figure legends

Fig. S1. *cDNA sequence of synthesized EPISA C fragment*-DNA sequence adapted for synthesis of EPISA C fragment as used in CagA EPISA C mutant. Amino acid sequence remains unaltered.

Fig. S2. *Cellular distribution of CagA mutants in MDCK II cells*-A) Cellular distribution of CagA  $\Delta$ 200-800 mutant: 3D reconstruction of confocal z-stacks (3D-view) and representative x-y plane. GFP-CagA  $\Delta$ 200-800 (green), actin (red). B) Cellular distribution of CagA 27-1216: representative confocal x-y plane. GFP-CagA 27-1216 (green), DNA (blue). Bar, 10  $\mu$ m.

Fig. S3. *MDCK II cell clones stably expressing CagA wt/CagA mutants*-MDCK cell clones stably expressing GFP-CagA wt, 200-1216 and 1-200 in Tet-On inducible system. A) Confocal microscopy images: 3D reconstructions of confocal z-stacks. GFP-CagA (green), actin (red). Control: non-induced representative clone. Bar, 10  $\mu$ m. B) Immunoblot of CagA wt/CagA mutants show similar expression levels of CagA. (→) indicate specific bands.

Fig. S4. *TCF/  $\beta$ -catenin transcriptional activity in MDCK II cells*-TCF/ $\beta$ -catenin transcriptional activity in MDCK II cells transiently transfected with CagA wt, CagA 200-1216, wnt or empty vector. TOPflash (black), FOPflash (white).