

Supplementary Materials

Tailor-Made Detection of Individual Phosphorylated and Non-Phosphorylated EPIYA-Motifs of *Helicobacter pylori* Oncoprotein CagA

Suneesh Kumar Pachathundikandi, Andrés Julián Gutiérrez-Escobar and Nicole Tegtmeyer

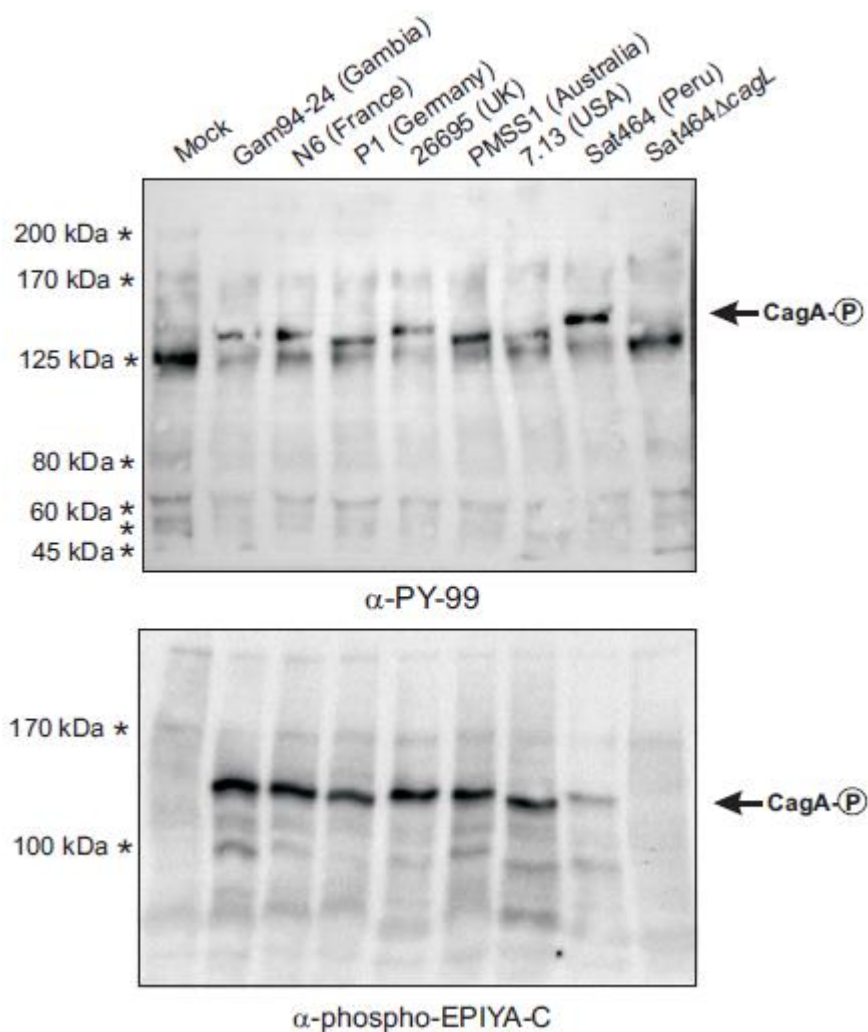


Figure S1. Cont.

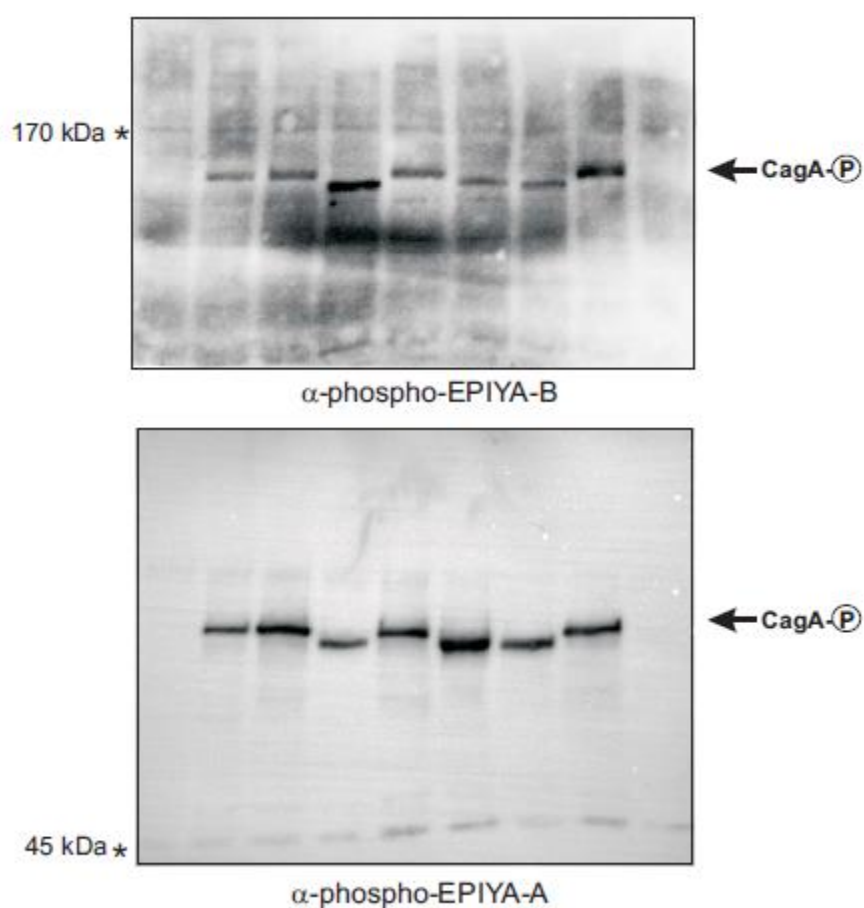


Figure S1. CagA EPIYA-motif phosphorylation during *H. pylori* infection of AGS cells was investigated using the indicated α -phosphotyrosine antibodies. Full-size blots of Figure 5A are shown. The phospho-CagA bands are labelled with arrows. A set of tyrosine-phosphorylated host cell proteins also appeared, which are marked with asterisks and sizes given in kDa.

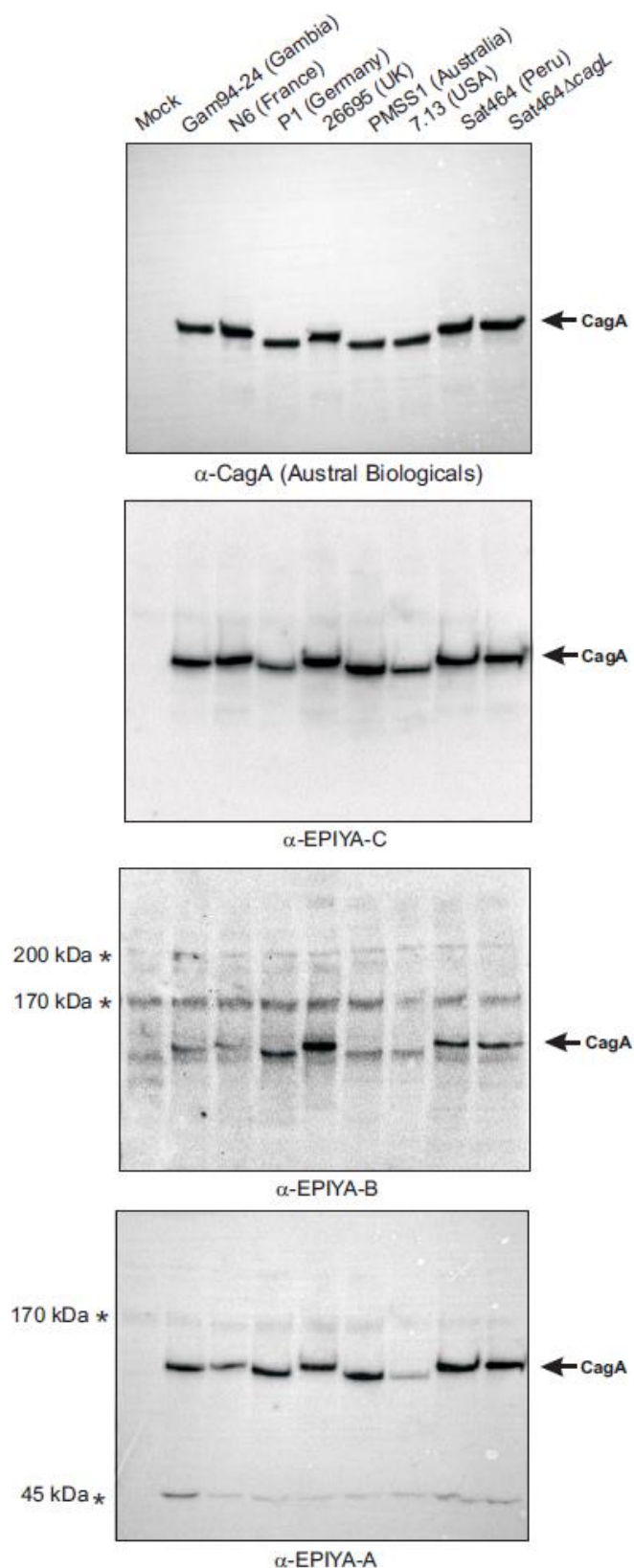


Figure S2. CagA expression during *H. pylori* infection of AGS cells was investigated using the indicated α-CagA and α-EPIYA antibodies. Full-size blots of Figure 5B are shown. The non-phospho-CagA bands are labelled with arrows. A set of cross-reacting host cell proteins are also seen, which are marked with asterisks and sizes in kDa.

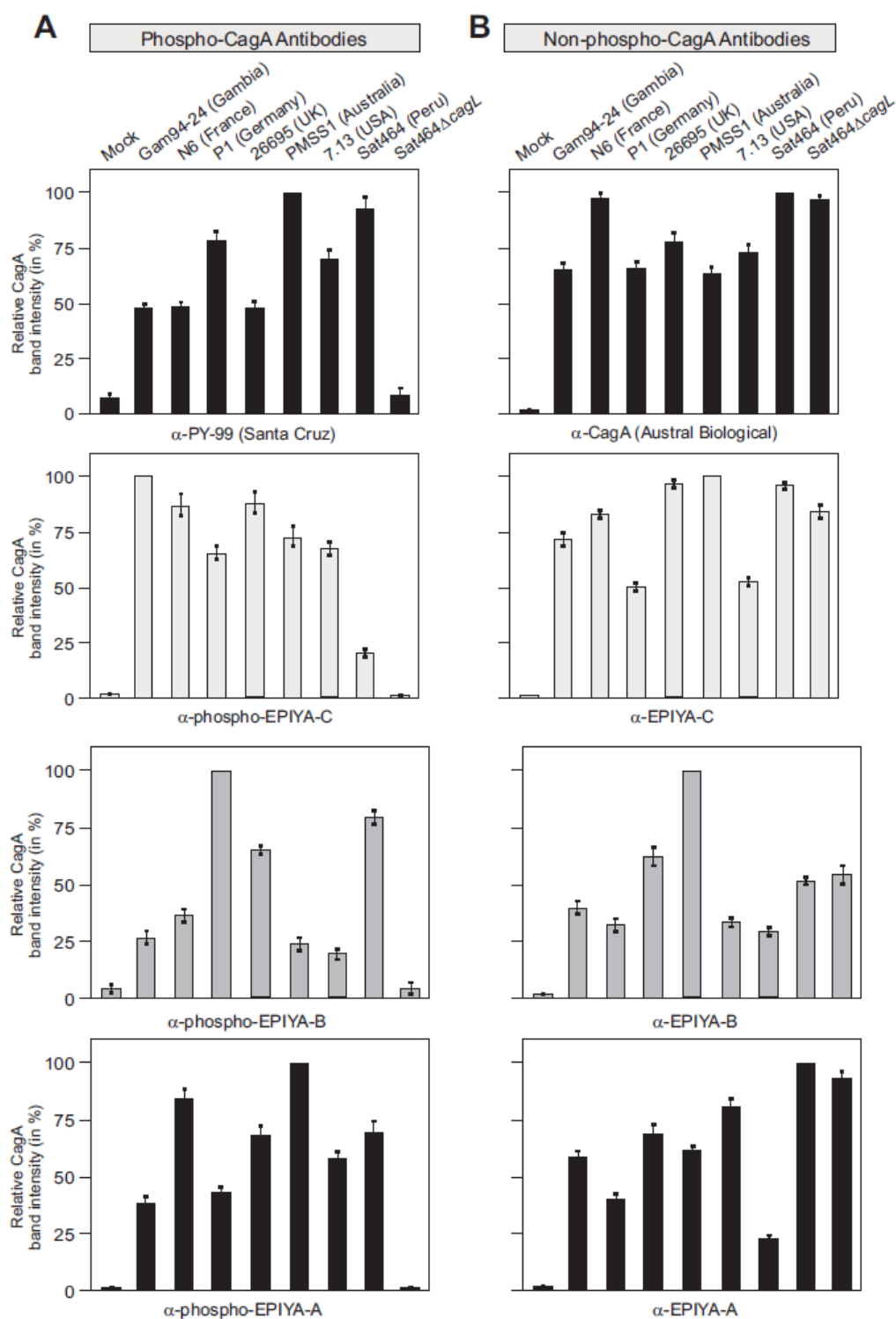


Figure S3. Statistics of CagA EPIYA-motif phosphorylation and expression of CagA during *H. pylori* infection of AGS cells. Band intensities of samples using the indicated specific α -phosphotyrosine (A) and α -CagA/EPIYA (B) antibodies shown in Figure 5 were measured by densitometry. The strongest band on each blot was set 100%. Three independent experiments were performed with similar results.

