



Fig. S2. Functional analysis of OafA point mutants *in situ*

Left panel shows LPS western blot with crude LPS extracts from *Salmonella* ser. Typhimurium basal O-antigen strain expressing OafA point mutant variants in (A) the membrane domain and (B) the periplasmic domain. O:5 antibody binding (Blue) shows abequose acetylation and *Salmonella* LPS core antibody binding (Green) acts as a loading control. Right panel shows corresponding anti-His western blot for expression of His tagged OafA. Arrow indicates full length OafA protein.