

Table S1. Inhibition of *H. pylori* growth by CP at 48 hours. The ability of CP and metal binding site mutants of CP to inhibit the growth of *H. pylori in vitro* was measured after 48 hours of culture with or without CP, as described in the materials and methods. Asterisks indicate * $p < 0.01$, student *t* test compared to no CP condition. n=3 biological replicates.

| Calprotectin [concentration] | % Growth relative to no CP (+/-SD) |
|-------------------------------------|---|
| CP [300 µg/ml] | *35% (+/-7%) |
| S1 mutant [600 µg/ml] | 85% (+/-4%) |
| S1 mutant [1200 µg/ml] | *58% (+/-11%) |
| S2 mutant [600 µg/ml] | 94% (+/-12%) |
| S2 mutant [1200 µg/ml] | *60% (+/-5%) |
| DS mutant [1200 µg/ml] | 86% (+/-3%) |
| None | 100% (+/-3%) |