

Table S1. List of *H. pylori* reisolates used in this study and histology scores at the time of *H. pylori* culture from challenged human volunteers (table modified from (Aebischer, Bumann et al. 2008)).

Isolates		1 st Gastroscopy (before challenge)		2 nd Gastroscopy (6 wpc ^a)		3 rd Gastroscopy (10 wpc ^a)	
Antrum	Corpus	Antrum	Corpus	Antrum	Corpus	Antrum	Corpus
12A3	12C8	2	2	7	4	7	3
48A2	48C8	0	0	4	5	9	5
78A3	78C8	1	1	7	3	7	3
87A3	87C7	2	1	7	3	5	3
119A2	119C10	0	0	4	2	8	2
8A3	8C10	2	1	4	1	6	4
29A2	29C8	2	2	8	8	10	7
81A1	81C9	-	-	8	3	5	3
103A4	103C8	2	1	12	11	3	2
125A3	125C7	0	0	7	10	7	6

^awpc: weeks post challenge

Reisolates from human volunteers given a Ty21a (pUreA/B) vaccine candidate are shown in green and reisolates from human volunteers given the control are highlighted in yellow.