

Supporting information

Table S6: Clones with ISR observed in the analyzed *H. pylori* wild type and mutant strains.
Cell color-coded (See Table S4)

Recipient strain	Donor DNA	Num clones ¹	Clones with ISR	Bayes Factor ²
26695	J99-R3	95	8	
	N6-R1	26	3	0.19
J99	26695-R1	32	4	0.20
N6	26695-R1	25	5	0.66
	J99-R3	80	8	0.12
26695comB10	J99-R3	0	0	1.00
26695comB10 EP	J99-R3	25	8	11.45
26695magIII	J99-R3	51	9	0.53
26695mfd	J99-R3	29	3	0.17
26695mutS	J99-R3	53	10	0.75
26695mutY	J99-R3	43	9	1.15
26695mutY comp	J99-R3	40	25	2.28×10 ⁺⁰⁸
26695nth	J99-R3	53	9	0.45
26695nucT	J99-R3	29	4	0.24
26695recA	J99-R3	0	0	1.0
26695recB	J99-R3	51	7	0.22
26695recG	J99-R3	63	8	0.18
26695recJ	J99-R3	61	8	0.20
26695recJxseA	J99-R3	55	8	0.26
26695recN	J99-R3	59	2	0.20
26695recR	J99-R3	69	6	0.11
26695ruvA	J99-R3	41	5	0.18
26695ruvB	J99-R3	1	0	0.55
26695ruvC	J99-R3	41	7	0.43
26695ung	J99-R3	56	7	0.18
26695xseA	J99-R3	59	11	0.75
26695xth	J99-R3	33	4	0.19

¹ Num clones = number of clones with DNA imports in *rpoB*.

² Approximated using the Bayesian Information Criterion (cf. Methods).