Document S6. Oligonucleotide primers and plasmids utilized for the *Bartonella* and *Rickettsia* experiments.

Oligonucleotide primers used for the *Bartonella* experiments

Primers used for the generation of constructs utilized in the *Bartonella* bacterial two-hybrid assays are provided in **Table 1**. See manuscript (**Materials and Methods**: **Protein-Protein Interactions**) for further information regarding the design of each construct.

Plasmids used in the *Bartonella* experiments

All plasmids utilized in the *Bartonella* bacterial two-hybrid assays are provided in **Table 2**. See manuscript (**Materials and Methods**: **Protein-Protein Interactions**) for further information regarding the design of each construct.

Oligonucleotide primers utilized in the *Rickettsia typhi* RT-qPCR experiments

Primers used for the RT-qPCR assay during *R. typhi* infection of HeLa cells are provided in **Table 3**. Among the six reference genes utilized, *adr1* and *sca5* were selected for normalization of *rvhB8-I* and *rvhB8-II* gene expression.

Table 1 (Document S6)

Table 1 (Document S6). Oligonucleotide primers used for the *Bartonella* experiments.

Primer	Sequence (5'→3'), restriction sites underlined (restriction enzyme), mutagenic nucleotides underlined in bold
prAPV-36	TTTTTTGGATCCCATGAAAAAACAGCAAGCTAAAC (BamHI)
prAPV-37	TTTTTTGGTACCTTAATTATTTAGCAGTATTTC (KpnI)
prAPV-52	TTTGGATCCCATGAAAACAAAACAAGTAAAACC (BamHI)
prAPV-53	TTGGTACCTTAATCATTTAACAGTATTTCTGGGTC (KpnI)
prAPV-54	TTTGGATCCCATGAAGCACGATCTGATAAAACTG (BamHI)
prAPV-55	TTGGTACCTCATTTTATCACCTCTGGATCAGATCT (KpnI)
prAPT0326	CATCTGTCCAACTTCCGCGACTC
prAPT0328	AGCGGACGTTCGAAGTTCTCGC
prAPV-38	CTTGGTTTCCAAGTGACAAGT
prAPV-39	**TGC**ATTAAGCAATCGATCAGATG
prAPV-40	**GGCGGC**GACAGATATTGGCTCAAC
prAPV-41	TTCGCCATAGCTAGTTTCATG

Table 2 (Document S6)

Table 2 (Document S6). Plasmids used in the *Bartonella* experiments.

Plasmid	Relevant characteristics	Reference or source
pKT25	Bacterial two-hybrid plasmid, allows cloning to the 3' end of the T25 fragment of *Bordetella pertussis* adenylate cyclase.	Prof. Urs Jenal
pUT18c	Bacterial two-hybrid plasmid, allows cloning to the 3' end of the T18 fragment of *Bordetella pertussis* adenylate cyclase.	Prof. Urs Jenal
pKT25-zip	Bacterial two-hybrid plasmid, positive interaction control plasmid	Prof. Urs Jenal
pUT18c-zip	Bacterial two-hybrid plasmid, positive interaction control plasmid	Prof. Urs Jenal
pAPV001	Derivative of pKT25 encoding for T25-TrwG (*B. birtlesii*) phusion protein.	This work
pAPV002	Derivative of pUT18c encoding for T18-TrwG (*B. birtlesii*) phusion protein.	This work
pAPV003	Derivative of pKT25 encoding for T25-TrwG (*B. grahamii*) phusion protein.	This work
pAPV004	Derivative of pUT18c encoding for T18-TrwG (*B. grahamii*) phusion protein.	This work
pAPV005	Derivative of pKT25 encoding for T25-VirB8 (*B. grahamii*) phusion protein.	This work
pAPV006	Derivative of pUT18c encoding for T18-VirB8 (*B. grahamii*) phusion protein.	This work
pAPV007	Derivative of prAPV001 encoding for T25-TrwG-P214A (*B. birtlesii*) phusion protein.	This work
pAPV008	Derivative of prAPV001 encoding for T25-TrwG-V96G/V97A (*B. birtlesii*) phusion protein.	This work
pAPV009	Derivative of pUT18c encoding for T25-TrwG-P214A (*B. birtlesii*) phusion protein.	This work
pAPV010	Derivative of pUT18c encoding for T25-TrwG-V96G/V97A (*B. birtlesii*) phusion protein.	This work

Table 3 (Document S6)

Table 3 (Document S6). Oligonucleotide primers utilized in the *Rickettsia typhi* RT-qPCR experiments.

Gene	Forward Primer (5' to 3')	Reverse Primer (5' to 3')
adr1	CCACACCAGCACCAGCAAAA	GCACGGACAGTAGTTCAACC
adr2	CTTGCGCAGCAGTACCAAAA	CTGGTGTCGGTCCTGCATTA
gltA	TACGAATTGCTGGCTCATCA	AAATGGATCATTTTTGTCTTTAGCTTTAGC
sca5	TGGTATTACTGCTCAACAAGCT	CAGTAAAGTCTATTGATCCTACACC
rpsL	CTCCTGCCTTAGAATCCAACCC	TGAACGACCTTGCTTACGCC
16S rRNA	CGCAACCCTTATTCTTATTTG	CCTCTGTAAACACCATTGTAGCA
rvhB8-I	CACCTGTCATACGATATCAAAAGC	CAATTTTTGCTTCCCATAGCA
rvhB8-II	TCCAGTTGATTTTGCAACGA	TGGCTTCCTGATGTTTCATTT