

1 **Table S1 to Monjarás Feria J.V. et al. “Role of autocleavage in the function of a type**
2 **III secretion specificity switch protein in *Salmonella* Typhimurium”**

3

4 **Table S1: Strains and plasmids**

<i>Salmonella</i>	Description	Reference
SB762	wild type (SL1344, <i>flhD</i> ::tet)	(1)
SB2340	<i>P_{ara}hilA</i> , SpaS-FLAG, <i>flhD</i> ::tet	this study
MIB3125	<i>P_{ara}hilA</i> , SpaS-FLAG, Δ <i>prgHIJK</i> , <i>flhD</i> ::tet	this study
MIB3073	<i>P_{ara}hilA</i> , SpaS-FLAG, Δ <i>invA</i> , <i>flhD</i> ::tet	this study
SB2552	<i>P_{ara}hilA</i> , SpaS-FLAG, Δ <i>invJ</i> , <i>flhD</i> ::tet	this study
SB2537	<i>P_{ara}hilA</i> , SpaS-FLAG, Δ <i>prgIJ</i> , <i>flhD</i> ::tet	this study
SB2553	<i>P_{ara}hilA</i> , SpaS _{N258A} -FLAG, <i>flhD</i> ::tet	this study
MIB3140	<i>P_{ara}hilA</i> , SpaS _{P259A} -FLAG, <i>flhD</i> ::tet	this study
MIB3291	<i>P_{ara}hilA</i> , SpaS _{T260A} -FLAG, <i>flhD</i> ::tet	this study
MIB3292	<i>P_{ara}hilA</i> , SpaS _{H261A} -FLAG, <i>flhD</i> ::tet	this study
SB2168	<i>P_{ara}hilA</i> , Δ <i>spaS</i> , <i>flhD</i> ::tet	this study
SB2326	Δ <i>invJ</i> , <i>flhD</i> ::tet	this study
SB2567	<i>P_{ara}hilA</i> , SpaS _{NPTH::PreScissionSite} -FLAG, <i>flhD</i> ::tet	this study
MIB3133	<i>P_{ara}hilA</i> , SpaS _{N258A::E271PreScissionSite} -FLAG, <i>flhD</i> ::tet	this study
SB1910	SpaS-FLAG, <i>flhD</i> ::tet	this study
SB1769	SpaS _{N258A} -FLAG, <i>flhD</i> ::tet	(2)
SB2011	SpaS _{N258A} -FLAG, Δ <i>invA</i> , <i>flhD</i> ::tet	(2)
Plasmid	Description	Reference
pMIB5271	pT10, SpaS-FLAG	this study
pSB3292	pBAD24, HilA	(3)
pSB4615	pT10, <i>InvJ</i> ₁₋₁₅ -PreScission-FLAG	this study

5

6 **References**

7 1. **Kaniga K, Tucker S, Trollinger D, Galan JE.** 1995. Homologs of the Shigella

8 IpaB and IpaC invasins are required for *Salmonella typhimurium* entry into cultured
9 epithelial cells. J Bacteriol **177**:3965–3971.

10 2. **Wagner S, Königsmaier L, Lara-Tejero M, Lefebvre M, Marlovits TC, Galán JE.**

11 2010. Organization and coordinated assembly of the type III secretion export

- 12 apparatus. Proc Natl Acad Sci USA **107**:17745–17750.
- 13 3. **Lara-Tejero M, Kato J, Wagner S, Liu X, Galán JE.** 2011. A sorting platform
14 determines the order of protein secretion in bacterial type III systems. Science
15 **331**:1188–1191.