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Manuscript Title: Angiogenic inhibitors delivered by the type III secretion system of tumor-targeting *Salmonella typhimurium* safely shrink tumors in mice

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Supplementary materials

Table S1. Bacterial strains and plasmids used in this study

	Relevant genotype
SL7207	*S. typhimurium* 2337-65 derivative *his*G46,DEL407 [aroA::Tn10(Tc-s)]; wild type
ST4	SL7207 *⊿gmd:: Plac-T7 RNAP; ⊿asd::PsseA-hlyA; ⊿htrA::Cm-PpepT-asd-sodA; ⊿infA::Ptet-tetR*
ST7	SL7207 *⊿gmd::Plac-T7 RNAP; ⊿asd::PsseA-hlyA; ⊿htrA::Cm-Pcons(BBa_J23109)-asd-PsodA; ⊿infA::Ptet-tetR*
ST8	SL7207 *⊿gmd::Plac-T7 RNAP; ⊿asd::PsseA-hlyA; ⊿htrA:: PpepT-asd-PsodA; ⊿infA::Ptet-tetR*
pcDNA-infA	ApR; pcDNA3.1 (+) derivative with *an infA* locus from *E.coli* MG1655 strain
pET32a-infA	ApR; pET32a (+) derivative with *an infA* locus from *E.coli* MG1655 strain
pSEndo	ApR; pET32a-infA derivative with mouse *Endostatin* cDNA fused with a N-terminal FLAG tag and a N-terminal *SopA* sequence
pSGFP	ApR; pET32a-infA derivative with EGFP fused with Flag tag and a N-terminal *SopA* sequence

Table S2. Details of oligonuclotides used in this study.

Name	Sequence	Purposes
stuI-MG1655-infA-f	AGGCCTTTTACTTATTTACAGAACTT	pcDNA3.1(+)-infA pET32a (+)-infA
BssHII-MG1655-infA-r	GCGCGCATAAAAAGGCCGGTTAAACC	pcDNA3.1(+)-infA pET32a (+)-infA
NcoI-FLAG-SopA-F	GCGCCATGGATTACAAGGATGACGACGATAAGATATCATCAGGCGCAAT	pSEndo pSGFP
NdeI-SopA-R	GCGCATATGCTTGCCTGCATTATTTGTAT	pSEndo pSGFP
HindIII-PstI-rmEnd-r	AAGCTTCTGCAGTTATTTGGAGAAAGAGGTCATG	pSEndo

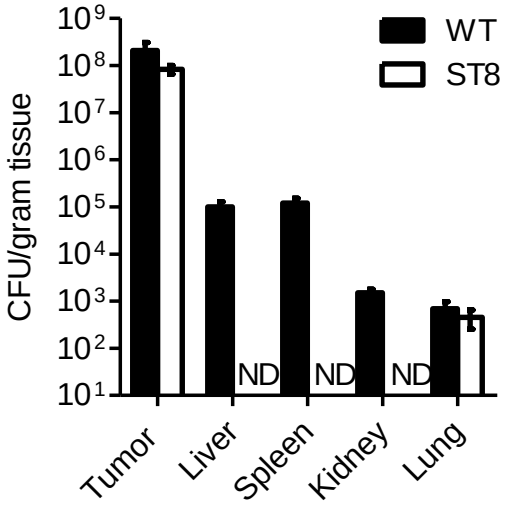

Figure S1. CFU tests of wild type *Salmonella* SL7207 and ST8 inside tumors of 4T1 breast tumor bearing mice following intravenous injection. Different organs were collected at 14 days after bacterial infection, homogenized in PBS and plated onto agar plates to determine the counts of bacteria, respectively. Values are expressed as mean ± SD, n=3.ND, not detected (CFU=0).

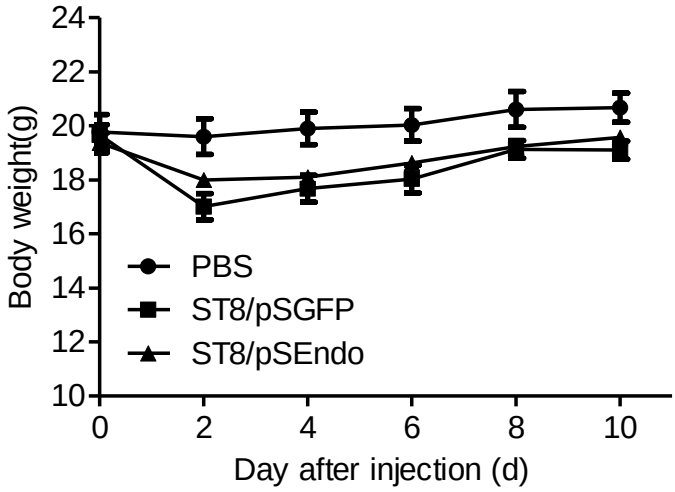

Figure S2. Body weight of mice received with PBS, ST8/pSGFP or ST8/pSEndo treatments.

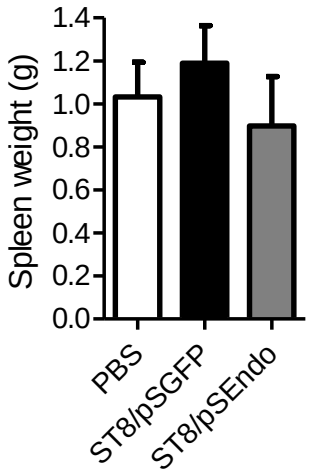

Figure S3. Spleen weights in PBS, ST8/pSGFP and ST8/pSEndo treated groups indicated no significant difference. (PBS vs ST8/pSEndo, P=0.3002).