## Supplementary Figure Legends

**Figure S1**

***In vitro*** **susceptibility of COH1 (panel A and B) and H36B (panel C and D) GBS strains and their mutants to various concentrations of erythromycin and clindamycin**. WT-COH1 and WT-H36B, wild type strains; *erm*COH1 and *erm*H36B, strains carrying a constitutively activated *erm*C gene.

**Figure S2**

**Inflammatory responses induced in BMDMs by RNA extracted from bacteria with constitutive MLS resistance.** TNF-α (A) and nitric oxide (B) production in BMDMs; $5x10^5$ macrophages were treated with 0.1, 1 or 10 μg/ml concentrations of RNA extracted from WT-COH1 or *erm*COH1 strains or with LPS (100 ng/ml) and Dotap (25 μg/ml) as positive and negative controls, respectively. After 24 hours supernatants were collected and TNF-α or nitric oxide were evaluated by ELISA and Griess test, respectively. Statistical evaluation was performed by the Student's *t* test. $^{**}p < 0.01$; $^{*}p < 0.05$. Data shown are means + SD of triplicate observations conducted in one experiment representative of three independent experiments.

**Figure S3**

**Inflammatory responses in BMDMs stimulated with killed bacteria**. TNF-α (A) and nitric oxide (B) production in wild type C57BL/6 BMDMs; $5x10^5$ macrophages were treated with different concentrations (0.1, 1, 5, 10 or 50μg/ml) of heat-killed WT-COH1 and *erm*COH1 bacteria or with LPS (100 ng/ml) as a positive control. TNF-α and nitric oxide were measured in supernatants collected after 24 hours. Statistical evaluation was performed by the Student's *t* test. $^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$. Data shown are means + SD of triplicate observations conducted in one

experiment representative of three independent experiments.

**Figure S4**

**Requirements for *in vitro* inflammatory responses to killed GBS.** Nitric oxide induction in BMDCs with defects in MyD88, UNC93b1 (3d) (A), multiple (TLR7/8/9 or TLR3/7/9/11) (B) or single (TLR7, TLR8 or TLR9) TLRs (C). $5x10^5$ cells were treated with 0.1, 1 or 10 µg/ml of heat-killed WT-COH1 or *erm*COH1 bacteria or with the TLRs agonists LPS (100ng/ml), CpG B (10µg/ml) and CL264 (25µg/ml). NO levels were measured in supernatants collected after 24 hours. Statistical evaluation was performed by the Student's *t* test. ***p < 0.001; **p < 0.01; *p < 0.05. Data shown are means + SD of triplicate observations conducted in one experiment and are representative of three independent experiments.

**Figure S5**

**TLR requirements for inflammatory responses to killed GBS in BMDMs.** TNF-α (A) and nitric oxide (B) induction in BMDMs with defects in multiple (TLR3/7/9/11$^{-/-}$) or single (TLR7$^{-/-}$, TLR8$^{-/-}$ or TLR9$^{-/-}$) TLR: $5x10^5$ cells were treated with 0.1, 1 or 10 µg/ml concentrations of heat-killed WT-COH1 or *erm*COH1 bacteria or with the TLRs agonists LPS (100ng/ml), CpG B (10µg/ml) and CL264 (25µg/ml). TNF-α and nitric oxide were measured in supernatants collected after 24 hours. Statistical evaluation was performed by the Student's *t* test. ***p < 0.001; *p < 0.05. Data shown are means ± SD of triplicate observations conducted in one experiment and are representative of three independent experiments.

**Figure S6**

**Requirements for *in vitro* inflammatory responses to live GBS.** Nitric oxide induction in BMDCs from C57BL/6 (A) or from BMDC with defects in multiple (TLR7/8/9) or single (TLR2, TLR7, TLR8 or TLR9) TLRs (B) or MyD88 and UNC93b1 (3d) (C). $5x10^5$ cells were treated with 5, 10 or 20 MOIs of WT-COH1 or *erm*COH1 bacteria or with the TLR agonists LPS (100ng/ml), CpG B (10µg/ml) and CL264 (25µg/ml). NO levels were measured in supernatants collected after 24 hours. Statistical evaluation was performed by

the Student's *t* test. ***p < 0.001. Data shown are means + SD of triplicate observations conducted in one experiment and are representative of three independent experiments.

**Figure S7**

**Inflammatory responses in BMDMs stimulated with live bacteria**. TNF-α (A) and nitric oxide (B) production in wild type C57BL/6 BMDMs; $5x10^5$ macrophages were treated with 5, 10 or 20 MOIs of live WT-COH1 and *erm*COH1 bacteria or with LPS (100 ng/ml) as a positive control. TNF-α and nitric oxide were measured in supernatants collected after 24 hours. Data shown are means + SD of triplicate observations conducted in one experiment representative of three independent experiments.