

1 **Supplementary Figure legends**

2 **Figure S1. *In vivo* exposure to LPS induced *ex vivo* cross-tolerance to PAM3Cys and HK-PA.** IL-6
3 concentrations measured in supernatant after *ex vivo* PAM3Cys and HK-PA stimulation of splenocytes
4 **(A)**, bone marrow cells **(B)**, and BMDMs **(C)** from mice *in vivo* exposed to LPS (20, 200, and 2000 µg/kg)
5 or PBS. Data are presented as mean ± SEM, $n = 5/\text{group}$. $*P < 0.05$, $**P < 0.01$, $***P < 0.001$, $****P <$
6 0.0001 , as analyzed with one-way ANOVA followed by Dunnett's multiple comparisons test.

7 **Figure S2. No effect of yWGP on LPS-induced cross-tolerance in spleen- and bone marrow-derived**
8 **cells.** yWGP-exposed animals were *i.p.* injected with LPS. IL-6 release was subsequently measured in
9 the supernatant of splenocytes **(A)**, bone marrow cells **(B)**, and BMDMs **(C)** *ex vivo* stimulated with
10 PAM3Cys and HK-PA for 24 h. Data are presented as mean ± SEM, $n = 7$ for control and LPS-tolerized
11 animals and $n = 6$ for yWGP-exposed animals. $*P < 0.05$, $****P < 0.0001$, as analyzed with one-way
12 ANOVA followed by Dunnett's multiple comparisons test **(A, B)** or Kruskal-Wallis test followed by
13 Dunn's multiple comparisons test **(C)**.