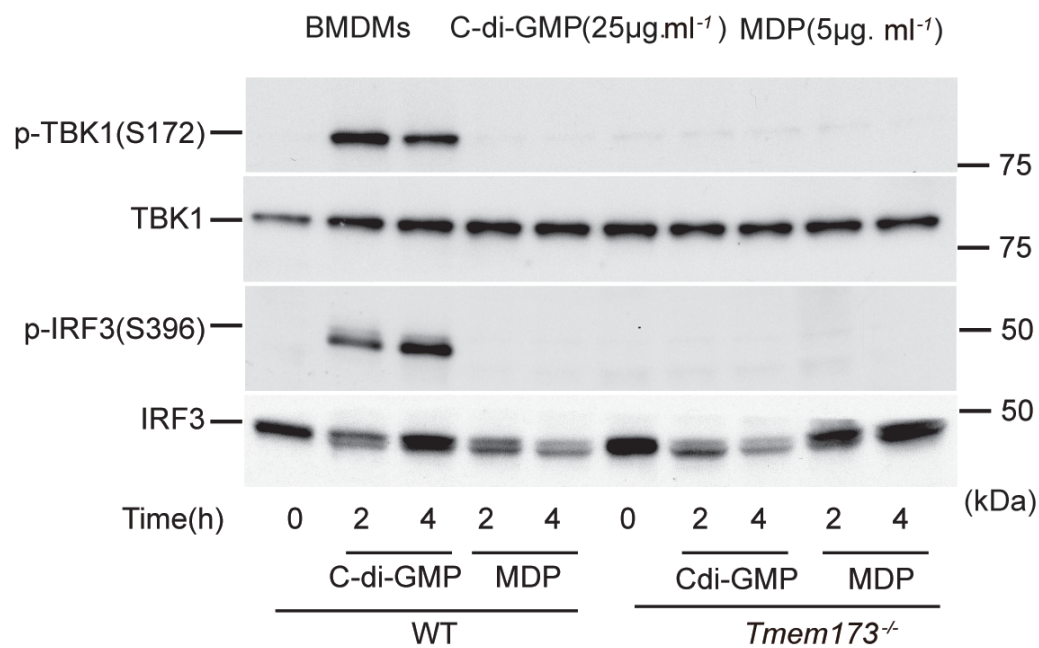


## **Supplementary Information**

### **Microbial Recognition by GEF-H1 Controls IKK $\epsilon$ Mediated Activation of IRF5**

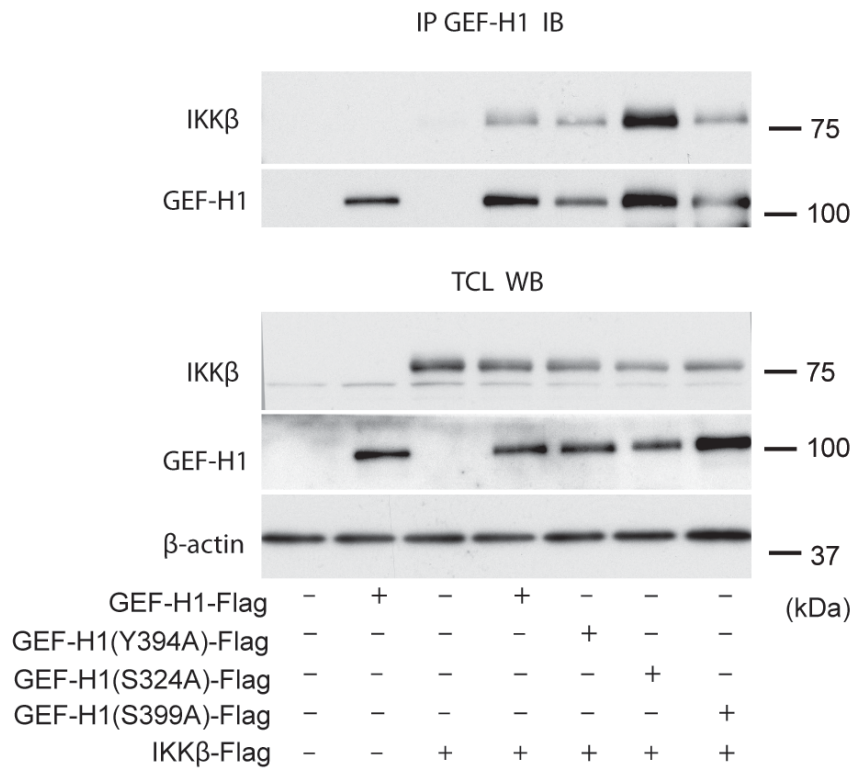
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Supplementary Figure 1: MDP cannot induce TBK1 and IRF3 phosphorylation in macrophages.

Related to Figure 1

WT or STING deficient bone-marrow derived macrophages were stimulated with either C-di-GMP or N-glycolyl-MDP for the indicated time period and phosphorylation and expression of IRF3 and TBK1 determined by Western blotting.



Supplementary Figure 2: GEF-H1 interacts with IKKβ

Related to Figure 3

WT or GEF-H1 variants and IKKβ were co-expressed in HEK293T cells, GEF-H1 pulled down with anti GEF-H1 and co-immunoprecipitated IKKβ detected by Western blotting.

Supplementary Table 1:

Primers used in this study

Genes	Forward 5' to 3'	Reverse 5' to 3'
<i>18S</i>	GTAACCCGTTGAACCCCAT	CCATCCAATCGGTAGTAGCG
<i>Pglyrp1</i>	TGTGCAAAGCACTCTCTCTC	TCACTAGGTCTCAAGGTCTCTC
<i>GzmD</i>	TGATTCTCCTGACCCTACTTCT	CAGGAAGCCTCCACAGTATATC
<i>GzmE</i>	GAGATACTGTGGAGGCTTCTTG	CCTCCTTAGCCTTGATGTTGT
<i>Serpine1</i>	GAGGTGGAAAGAGCCAGATTTA	CCACTGAAGTAGAGGGCATTTC
<i>NOD2</i>	AGCCCTGGCTGAAGTTGTAG	TTGAGTCCTTCTGCGAGAGA