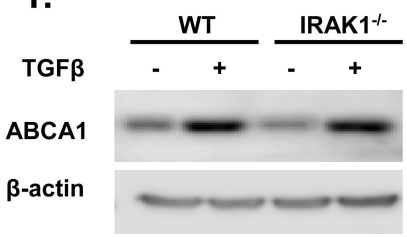
Supplemental Figure Legends:

S1. TGFβ induces ABCA1 expression in both WT and IRAK1$^{-/-}$ BMDMs. WT and IRAK1$^{-/-}$ BMDM cells were either untreated or treated with TGFβ (5 ng/ml) followed by Western blot analysis of cell extracts using ABCA1 specific antibodies. Antibodies against β-actin were used as the internal loading control.

S2. Effect of the proteasomal inhibitor, MG132, on RARα nuclear levels in WT BMDMs. BMDM cells derived from WT mice were either untreated or treated with MG132 alone or in the presence of LPS. After 2 h incubation, nuclear lysates were prepared and subjected to SDS-PAGE followed by Western blot analysis with RARα specific antibodies. The blots were also probed with LaminB specific antibodies as a loading control.

S3. RXRα/β or RARγ Levels are not affected by LPS in either WT or IRAK-1$^{-/-}$ cells (S3A). In contrast, LPS suppresses LXRα levels in WT, but not IRAK-1$^{-/-}$ cells (S3B). Effect of LPS on the levels of diverse members of the nuclear receptor family in BMDMs. WT and IRAK-1$^{-/-}$. BMDMs were treated with 100 ng/ml LPS followed by nuclear protein and whole cell lysate extraction. The samples were analyzed by immunoblotting using the indicated antibodies. LaminB specific antibody was used as the loading control.

1.



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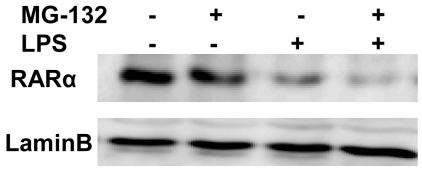
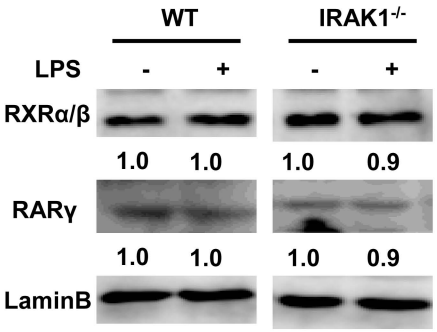


3A.



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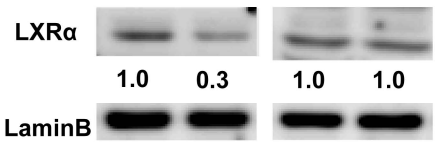

Supplemental Figures