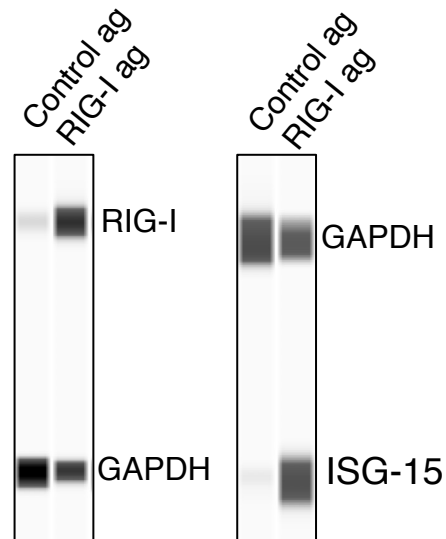
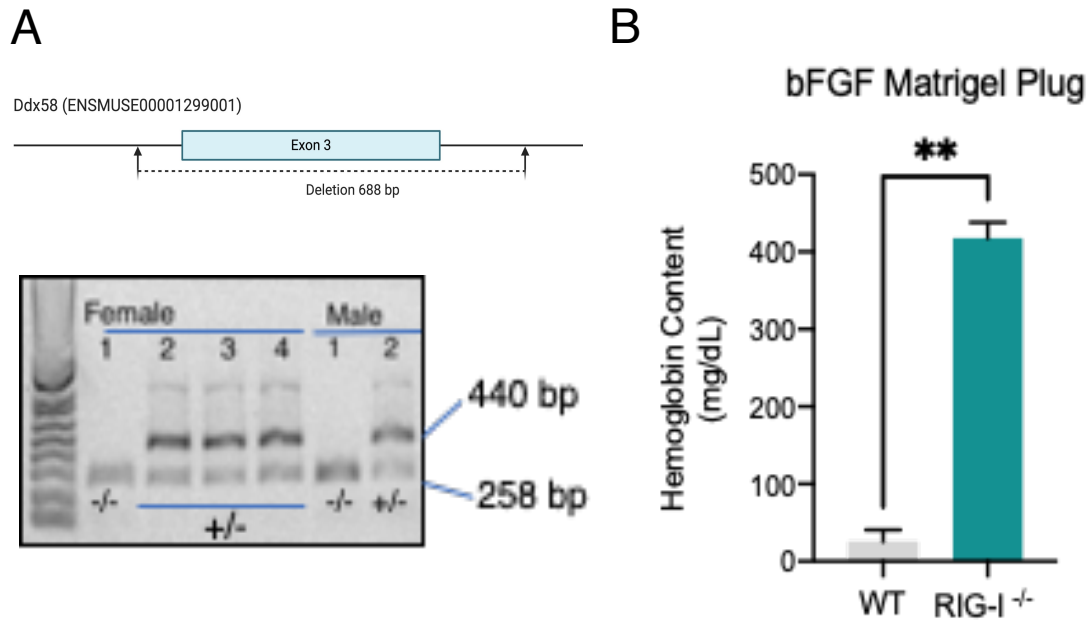
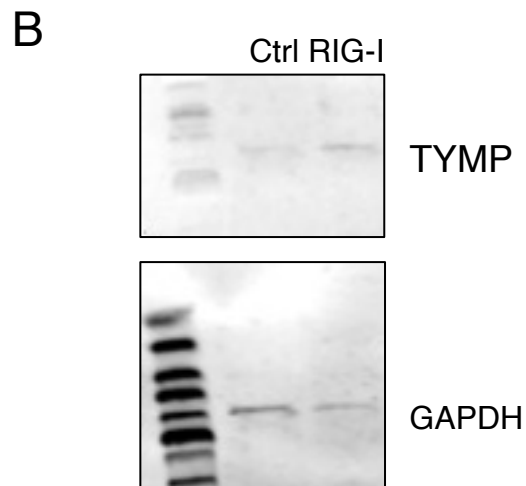
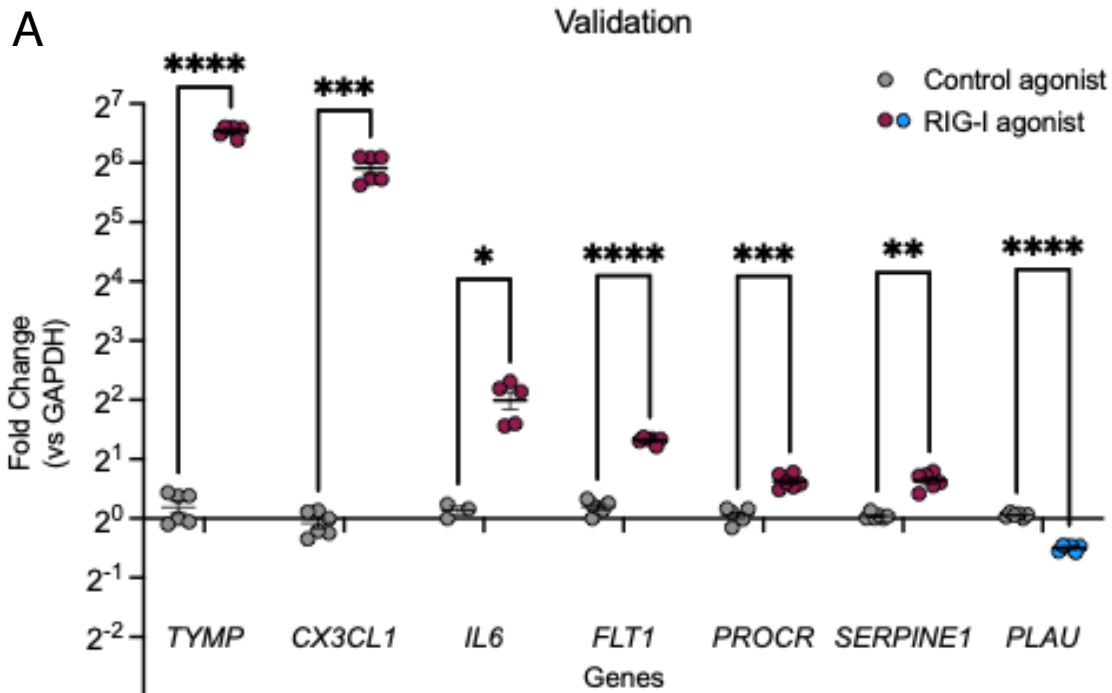




Supplementary Figure 1. RIG-I agonist induces activation of ISG expression. HUVECs were treated with control agonist or RIG-I for 24h. Cell lysates were evaluated for RIG-I and ISG-15 expression using Simple Western Capillary based western blot system (Wes). One of two independent experiments.



Supplementary Figure 2. Increased hemoglobin content in subcutaneous Matrigel plugs in RIG-I^{-/-} mice. A) Design of 688 bp exon 3 deletion to generate CRISPR edited RIG-I^{-/-} mice and validation of genotypes using tail PCR. B) Hemoglobin content of bFGF containing Matrigel plugs from WT and RIG-I^{-/-} mice on day 7 after subcutaneous implantation (n=4 plugs per group).



Supplementary Figure 3. Validation of TYMP as a RIG-I induced gene in ECs.

A) Gene expression changes of indicated genes 24h after RIG-I agonist or control agonist treatment in HUVECs as measured by qRT-PCR. B) Western blot depicting increase in TYMP protein levels after RIG-I agonist treatment.