



SUPPLEMENTARY FIG. S1. Activation of TNF- α -signaling mediators is equivalent in wild-type and TMX^{-/-} cells. Tail-tip fibroblasts were treated with 10 ng/ml TNF- α for the indicated times. Cell lysates were prepared and analyzed by immunoblotting with antibodies to I κ B- α , JNK, and TMX. P-I κ B α , phosphorylated I κ B- α ; P-JNK, phosphorylated JNK. α -tubulin (TUB) was used as a loading control. Similar results were obtained in mouse embryonic fibroblasts. JNK, c-Jun N-terminal kinase; TMX, transmembrane thioredoxin-related protein; TNF- α , tumor necrosis factor- α .