

**Supplementary Figure 1.** Acquisition of TC10 in wildtype and lamp-1<sup>-/-</sup>/lamp-2<sup>-/-</sup> phagosomes. Wildtype (**A-B**) and lamp-1<sup>-/-</sup>/lamp-2<sup>-/-</sup> (**C-D**) fibroblasts were cotransfected with cDNA encoding FcγIIA receptors and GFP-TC10 (**A-D**) and after 24 h were exposed to IgG-opsonized beads. Phagosome maturation was allowed to proceed for 5 min (**A, C**) or 60 min (**B, D**). Closed arrows point to phagosomes positive for TC10. Size bar represents 10 μm.