



Whole gel scanning for western blotting analyses. (A) Full-length blot scan for western blotting analyses of GAL3 and β -ACTIN in lysosome enriched fraction and remaining fraction from control or brain lysate-treated BMDMs in Figure 4E. **(B)** Full-length blot scan for western blotting analyses of cathepsin B and β -ACTIN in cytosolic fraction from control or brain lysate-treated BMDMs in Figure

6J. **(C)** Full-length blot scan for western blotting analyses of IL-1 β and cleaved caspase 1 in conditioned media, and β -ACTIN in the corresponding cells from control or brain lysate-treated BMDM culture in Figure 7C. **(D)** Full-length blot scan for western blotting analyses of GAL3 and β -ACTIN in total cell lysates or lysosome enriched fraction from control or myelin-treated BMDMs in Figure S4A-B. (related to Figure 4, 6, 7, and S4)