

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Ratio of PLP taken into cells to the dose for RGK1 and RGM1 determined by the fluorescence intensity of PLP.

File name: Supplementary Data 2

Description: Fluorescence intensities obtained for RGK1 and RGM 1

File name: Supplementary Data 3

Description: Ratios of pAMPK to AMPK estimated from the western blot images for RGK1 and RGM 1.

File name: Supplementary Movie 1

Description: Time-lapse movie of RGK1 and RGM1 phagosomes during 1 min light irradiation (337 mW cm⁻²).