

Title: Supplementary Movie. 1

Description: Fluorescence Recovery after Photobleaching measurements of worms expressing *glo-1p::GFP::ras-2* CAAX on AL diets (Related to Fig. 7a).

Fluorescence intensity was measured for 90 s every 2 s. The movie was filmed with 5.00 fps frame rate using a Zeiss LSM800 confocal microscope and Zen software (Zeiss).

Title: Supplementary Movie. 2

Description: Fluorescence Recovery after Photobleaching measurements of worms expressing *glo-1p::GFP::ras-2* CAAX on GR diets (Related to Fig. 7a).

Fluorescence intensity was measured for 90 s every 2 s. The movie was filmed with 5.00 fps frame rate using a Zeiss LSM800 confocal microscope and Zen software (Zeiss).

Title: Supplementary Movie. 3

Description: Fluorescence Recovery after Photobleaching measurements of *aak-2* mutant worms expressing *glo-1p::GFP::ras-2* CAAX on AL diets (Related to Fig. 7d).

Fluorescence intensity was measured for 90 s every 2 s. The movie was filmed with 5.00 fps frame rate using a Zeiss LSM800 confocal microscope and Zen software (Zeiss).

Title: Supplementary Movie. 4

Description: Fluorescence Recovery after Photobleaching measurements of *aak-2* mutant worms expressing *glo-1p::GFP::ras-2* CAAX on GR diets (Related to Fig. 7d).

Fluorescence intensity was measured for 90 s every 2 s. The movie was filmed with 5.00 fps frame rate using a Zeiss LSM800 confocal microscope and Zen software (Zeiss).

Title: Supplementary Movie. 5

Description: Fluorescence Recovery after Photobleaching measurements of *aak-2;aak-2a::gfp* mutant worms expressing *glo-1p::GFP::ras-2* CAAX on AL diets (Related to Fig. 7e).

Fluorescence intensity was measured for 90 s every 2 s. The movie was filmed with 5.00 fps frame rate using a Zeiss LSM800 confocal microscope and Zen software (Zeiss).

Title: Supplementary Movie. 6

Description: Fluorescence Recovery after Photobleaching measurements of *aak-2;aak-2a::gfp* mutant worms expressing *glo-1p::GFP::ras-2* CAAX on GR diets (Related to Fig. 7e).

Fluorescence intensity was measured for 90 s every 2 s. The movie was filmed with 5.00 fps frame rate using a Zeiss LSM800 confocal microscope and Zen software (Zeiss).