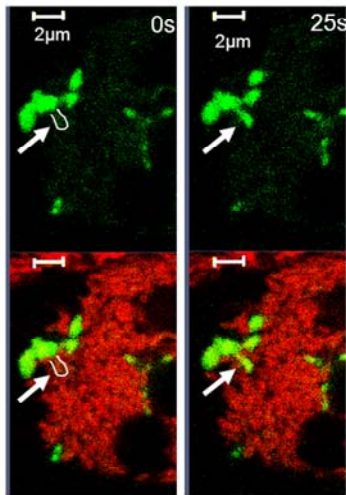


Figure 4s



Supplementary Figure 4. Mitochondrial fusion event.

A) Cell expressing $_{mt}$ DsRed and $_{mt}$ PAGFP that was photoactivated prior to time-lapse imaging. Images are 3D projections from z-stacks to ensure that no mitochondrial segment moved out of the focal plane. Note the sudden increase in $_{mt}$ PAGFP area at 25 s which represents a fusion event where $_{mt}$ PAGFP is shared with another mitochondrion (white arrow). Scale bar 2 μ m.