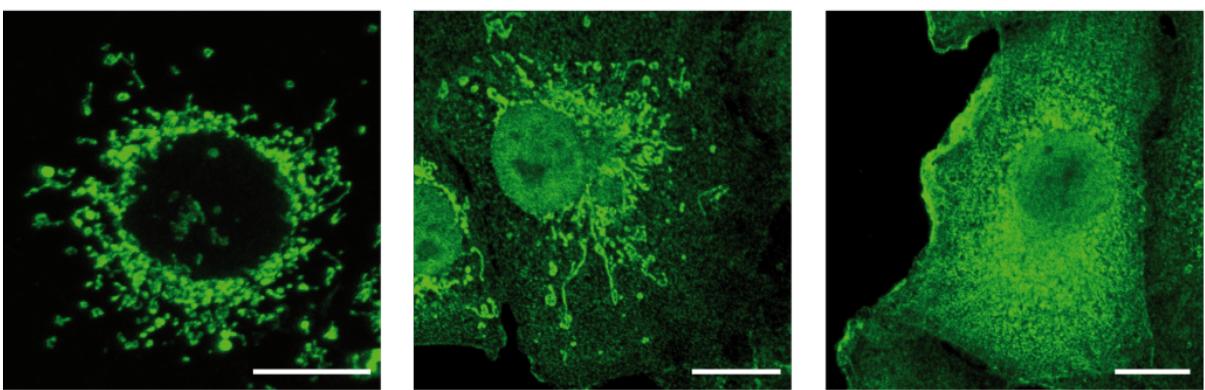
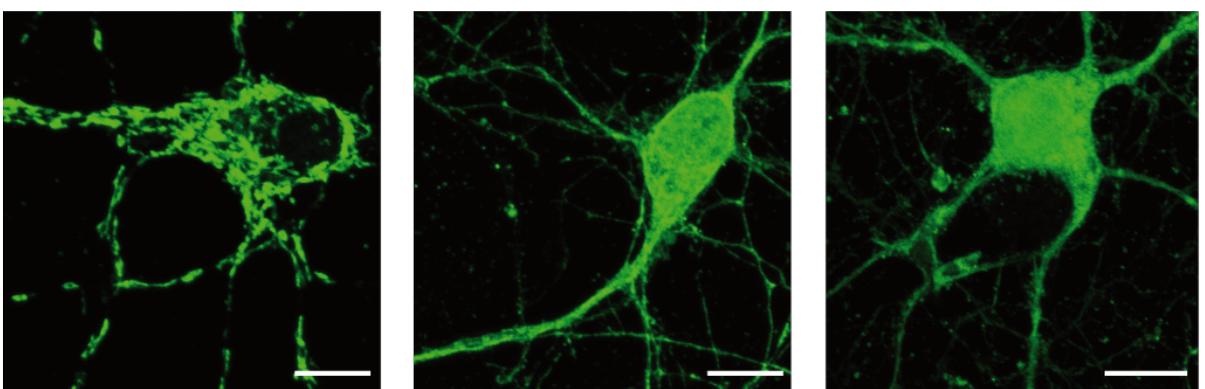


### COS-7 cells



### Rat primary cortical neurons



**Supplementary Figure S1. The BDV X protein displays a heterogeneous subcellular distribution.** Top: COS-7 cells were transfected with a BDV X-expressing plasmid and the intracellular distribution of X was analyzed by immunofluorescence (anti-X staining, green). In the same cellular population, X is sometimes only mitochondrial (left), exhibits a diffuse staining pattern (right), or is both mitochondrial and diffuse (middle). Bottom: A similar distribution is observed in primary cortical neurons transduced with a lentiviral vector expressing BDV X protein. Scale bars: 10  $\mu\text{m}$ .