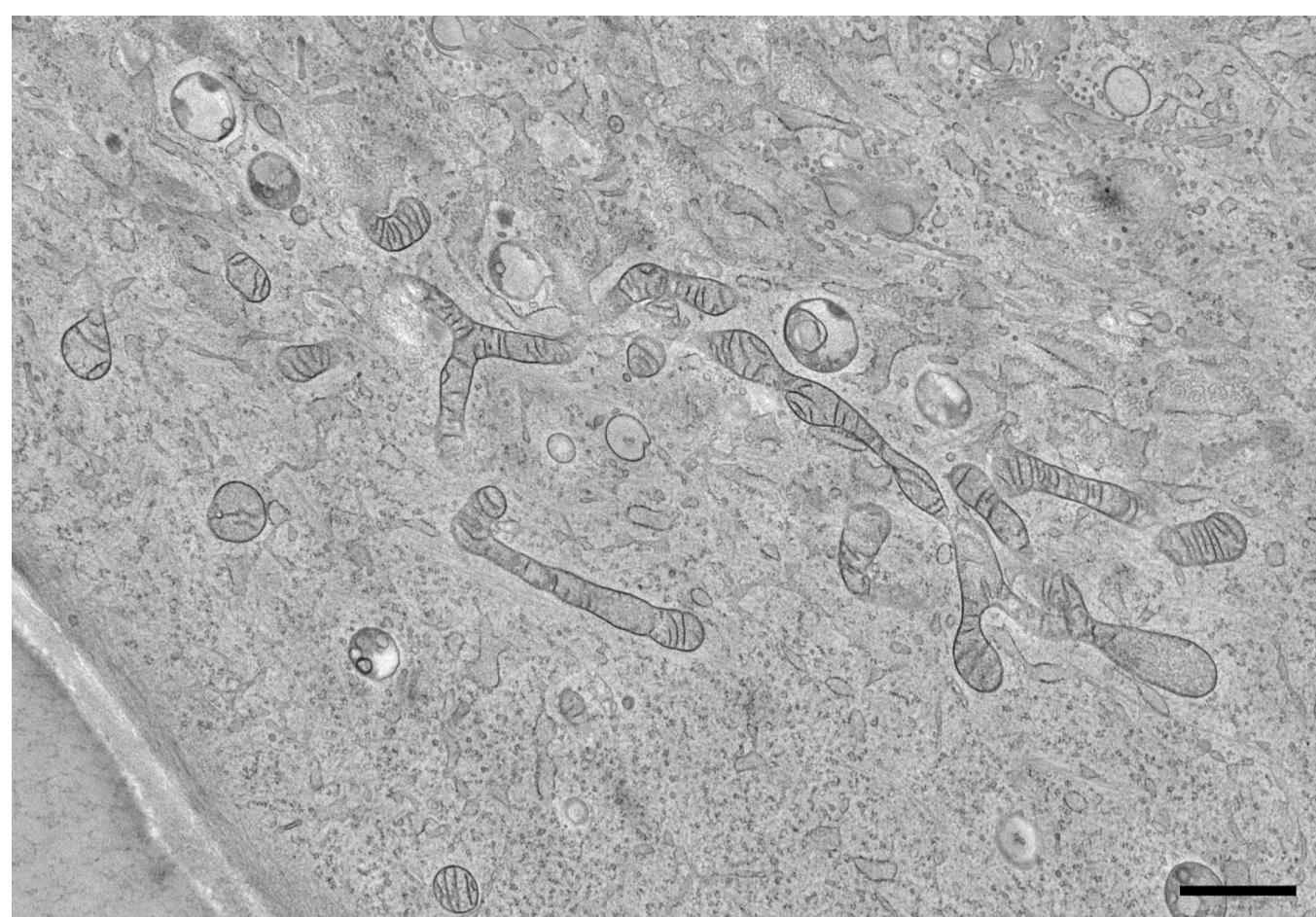
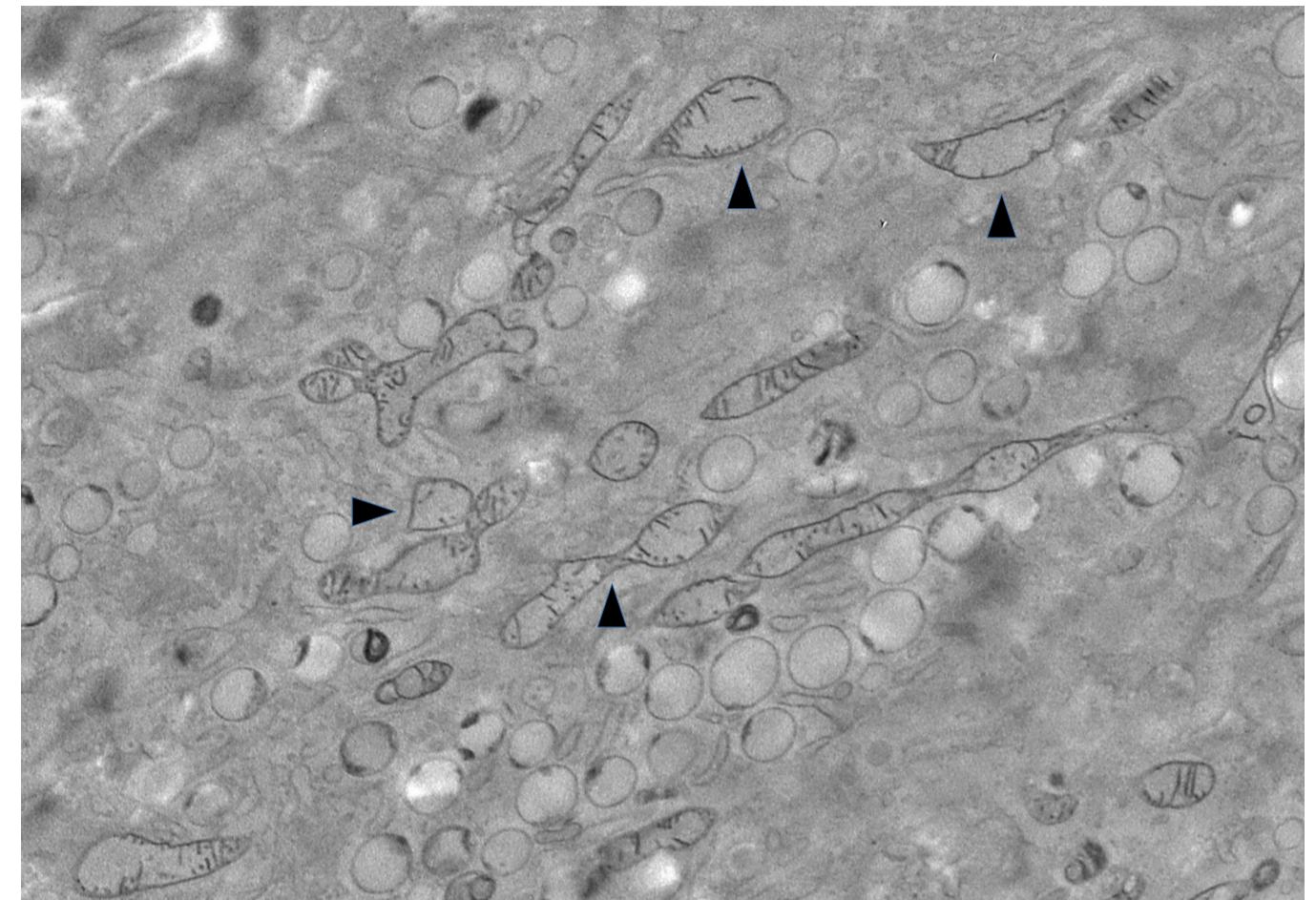


Supplementary figure 1

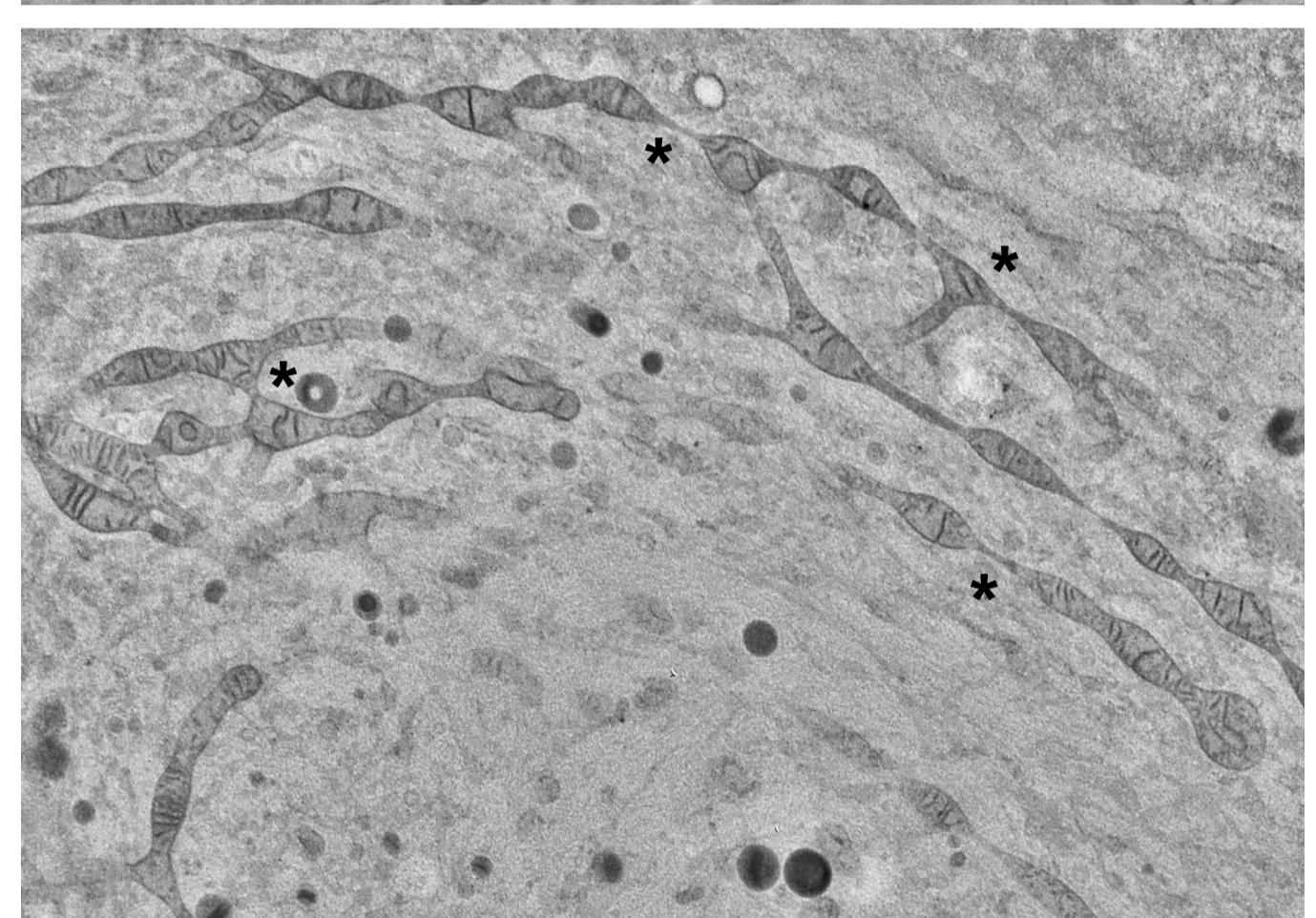
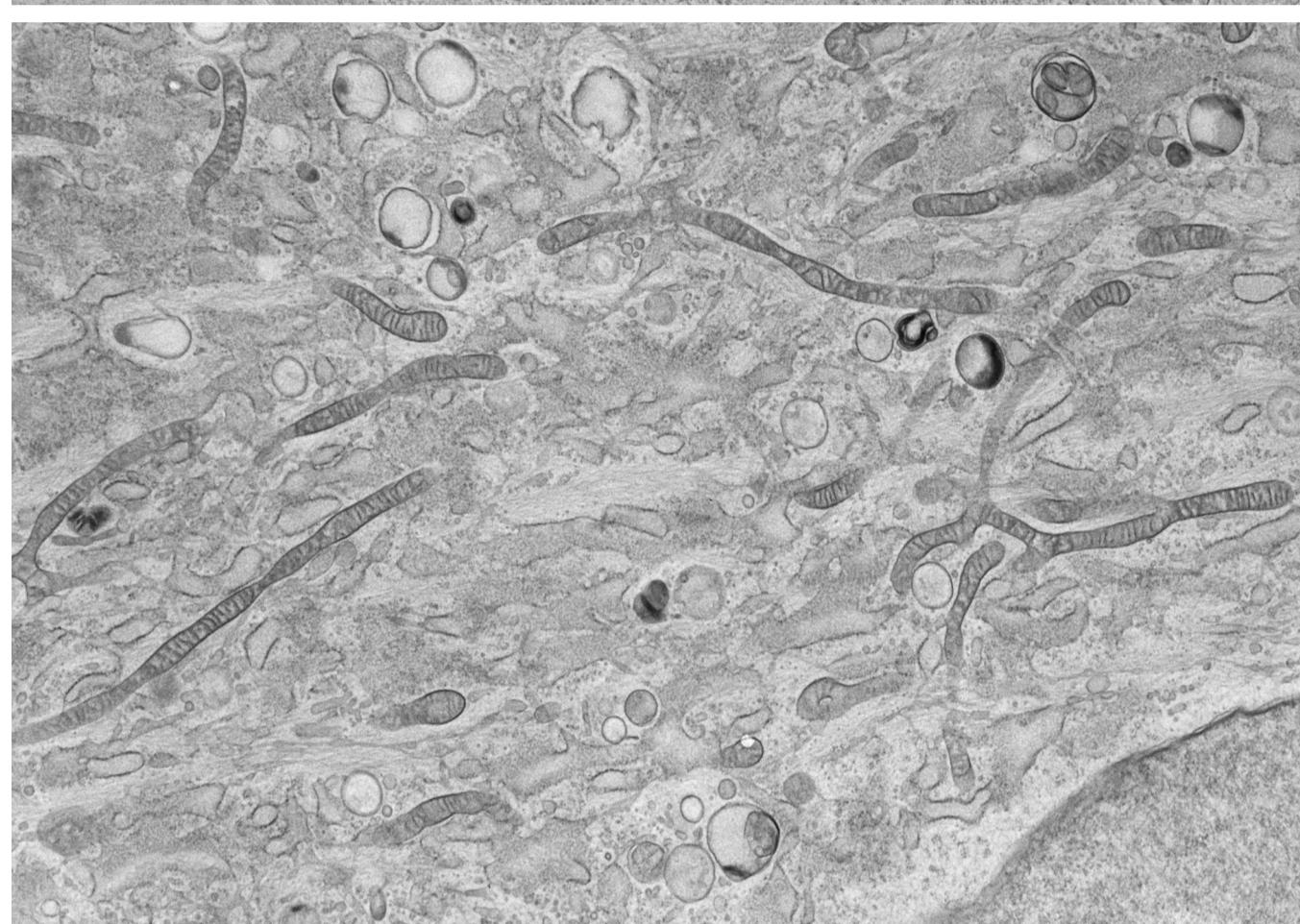
control



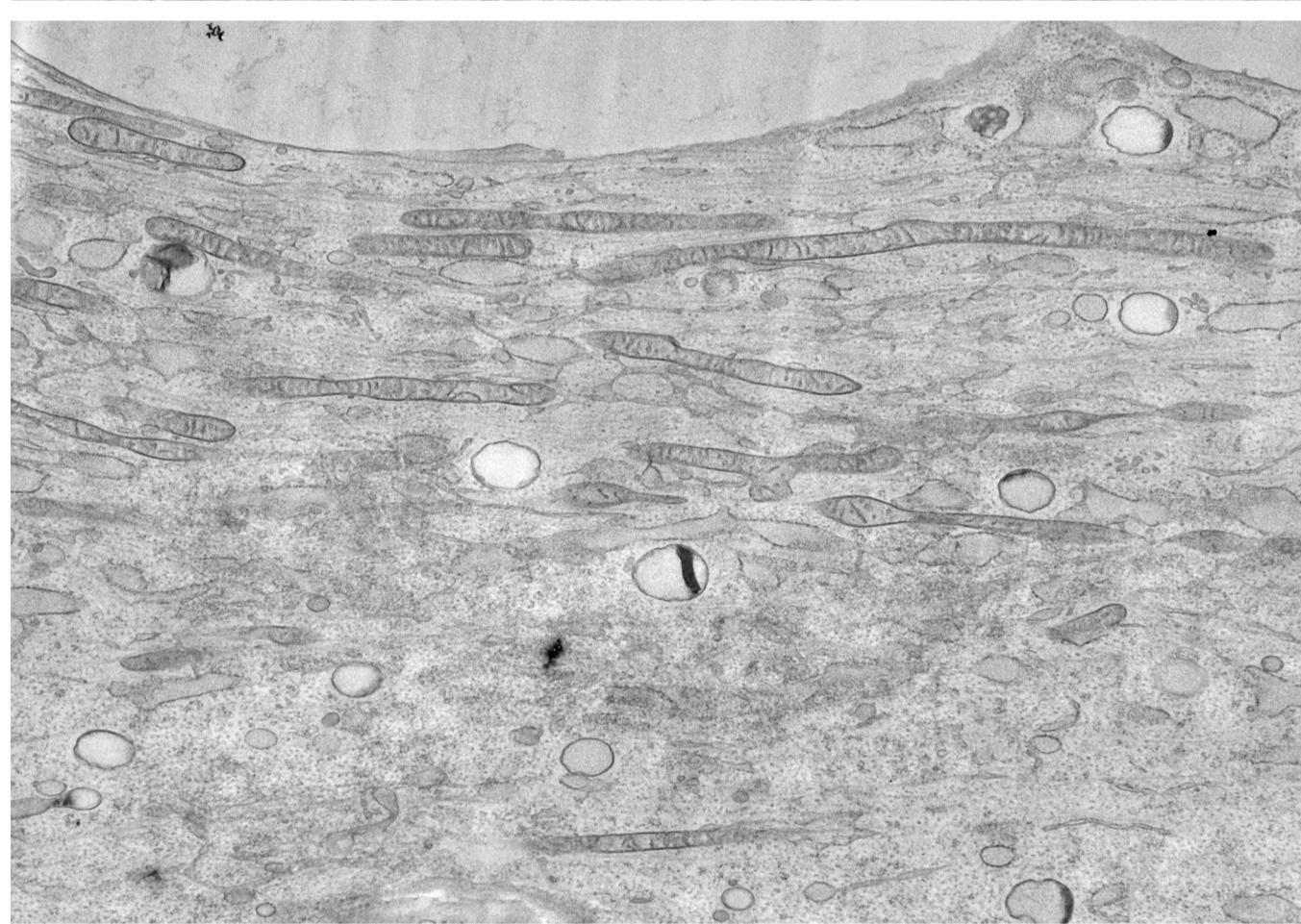
1 mM MPP+



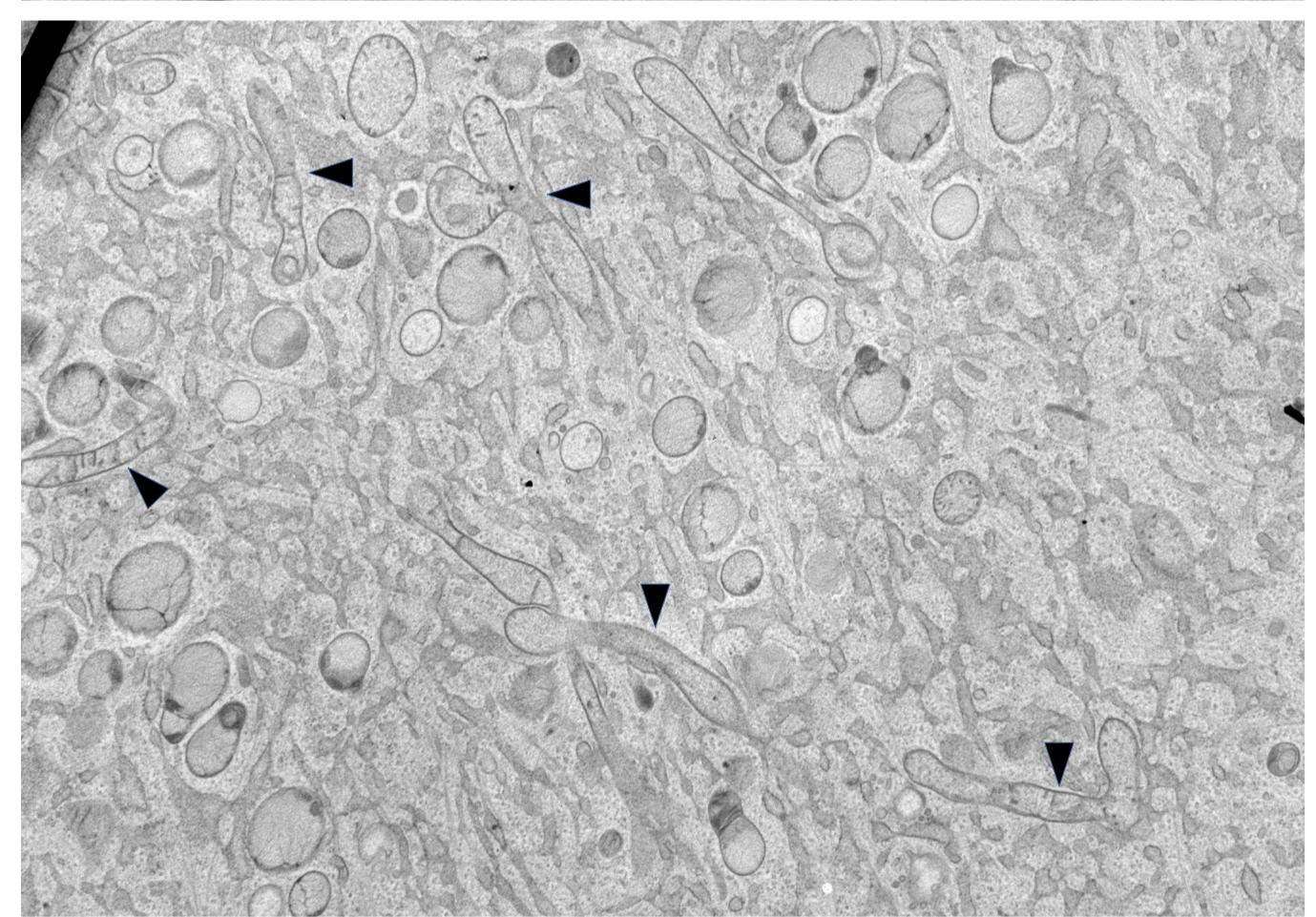
wild-type



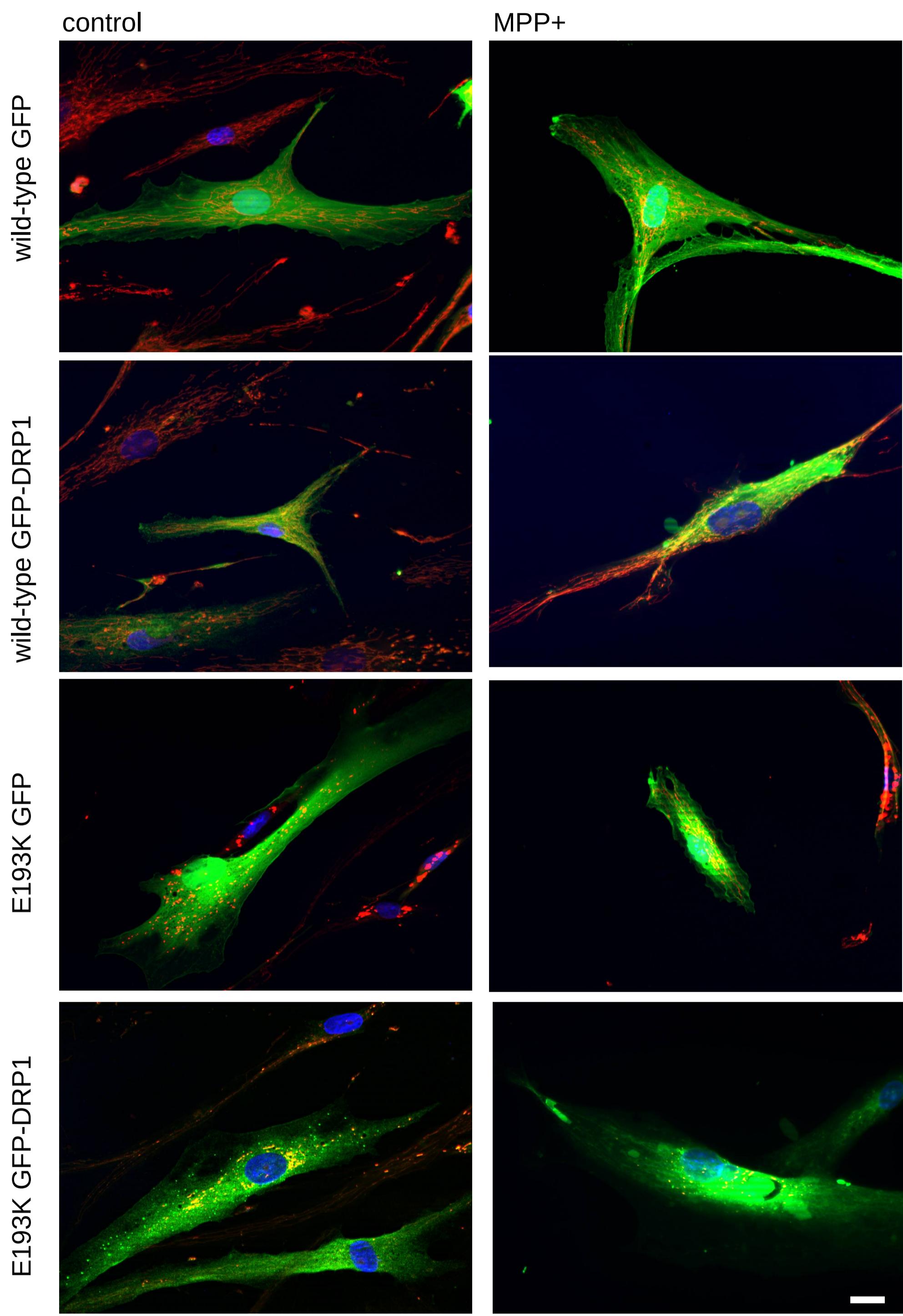
E193K



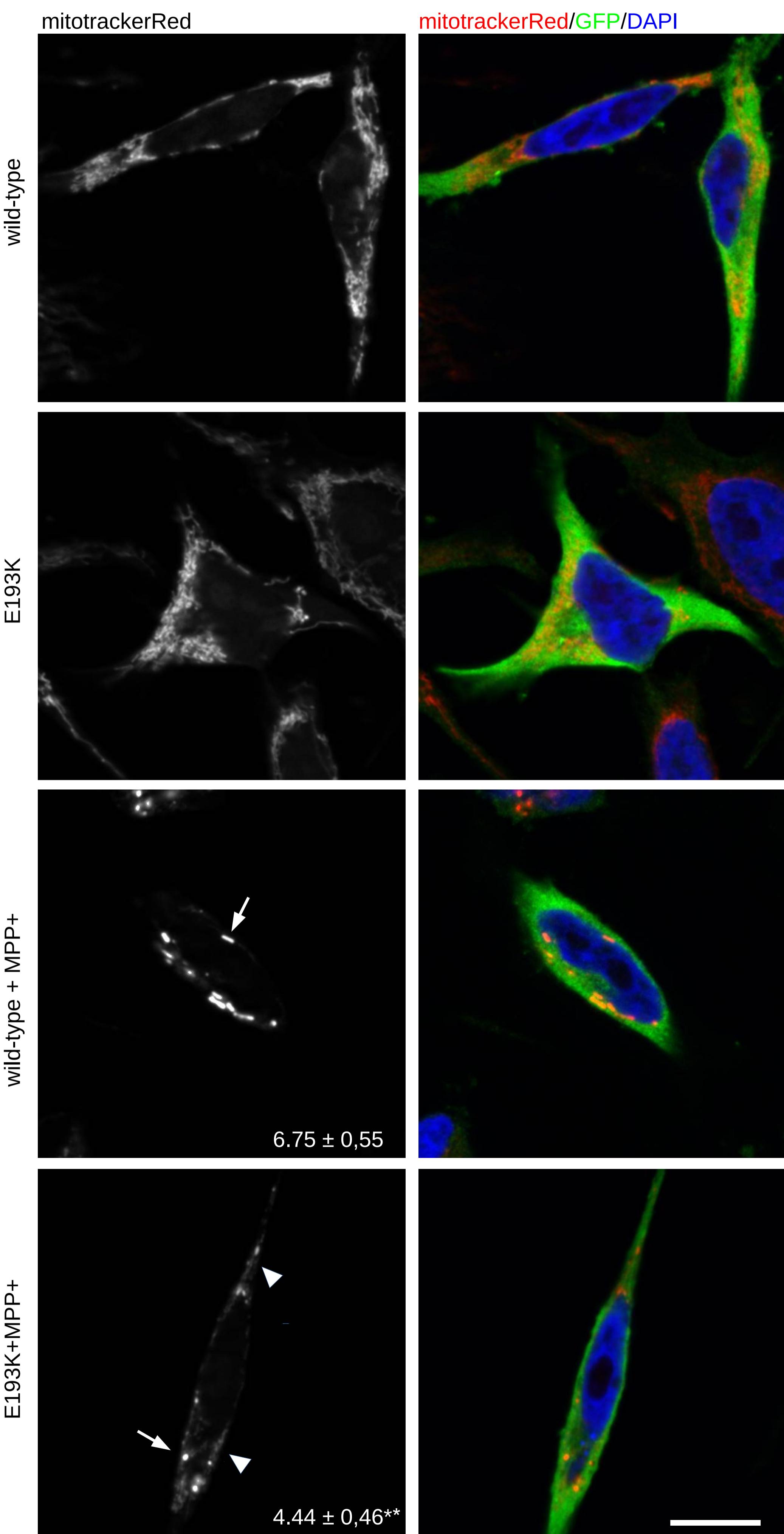
G2019S



Supplementary figure 2



Supplementary figure 3



Supplementary figure 4