



Supplementary Figure S3. Analysis of the mitochondrial targeting of GFP mediated by the COX10 MTS. COS-7 cells were transfected with the pMTScox10-eGFP plasmid and GFP localization was analyzed (green) 48 h later, together with staining for mitochondria (Tom20, red) and the nucleus (DAPI, cyan). Assessment of mitochondrial localization was determined by measuring the fraction of GFP staining colocalizing with the mitochondrial network revealed by Tom20, using the JaCoP plugin of ImageJ (see methods for details). PeGFP-N1 is used as a control. Bottom panels show enlarged views of the numbered boxes (pointed out in the upper right graph) to illustrate the different staining patterns. Scale bars: 10 μ m.