

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Genes encoding proteins required for OXPHOS complex formation

File Name: Supplementary Data 2

Description: Differential gene expression analysis of M1BP RNAi in myoblasts

File Name: Supplementary Data 3

Description: Differential gene expression analysis of M1BP RNAi in 48 h APF DLMs

File Name: Supplementary Data 4

Description: Differential gene expression analysis of M1BP RNAi in 64 h APF DLMs

File Name: Supplementary Data 5

Description: Differential gene expression analysis of M1BP RNAi in adult DLMs

File Name: Supplementary Data 6

Description: Differential gene expression of mitochondrial DNA-encoded genes

File Name: Supplementary Data 7

Description: Identification of transcription factor binding sites in promoters of nuclear-encoded OXPHOS complex components

File Name: Supplementary Data 8

Description: Differential gene expression of genes involved in a cellular proteotoxic response

File Name: Supplementary Movie 1

Description: The inner mitochondrial membrane encompasses and isolates an aggregate. Tomographic reconstruction of a mitochondrial aggregate taken from dual-axis tomographic serial sections. Tomogram was joined and segmented with surface rendering showing the aggregate in gold and the encompassing inner mitochondrial membrane in cyan. Source data are provided as a Source Data File