

coIP TYKY

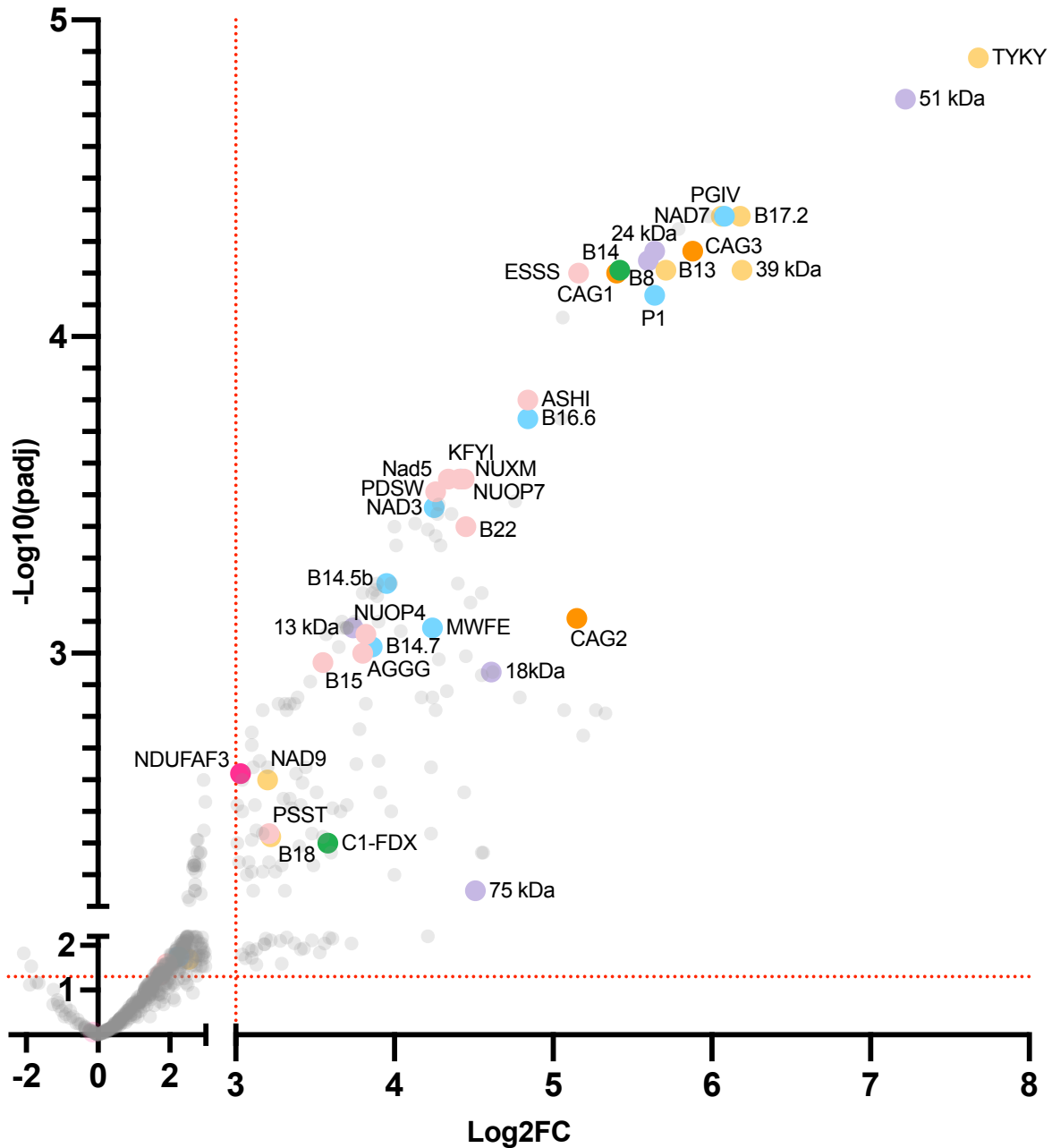


Figure S4. Volcano plot illustrating the global enrichment of proteins identified through co-immunoprecipitation performed with purified mitochondria from the NDUFAF3-3xFLAG-tagged strain, in the presence of TYKY antibodies or without antibodies as a control (n=3).

The x-axis displays the Log₂ fold change (Log₂FC), while the y-axis represents the -Log₁₀ of the adjusted *p*-value (-Log₁₀(padj)), obtained using the IPInquiry4 R software package. Significantly enriched proteins are defined by a Log₂FC>3 and a -Log₁₀(padj)>1.3 (corresponding to an adjusted *p*-value ≤ 0.05), as indicated by the red axes. NDUFAF3 is marked as a red dot, with N module subunits shown in violet, Q module subunits in yellow, P_p module subunits in blue, P_d module subunits in pink, the subunits of the γ carbonic anhydrase domain in orange, and the ferredoxin bridge subunits in green (see **Table S2**). The complete datasets and analysis can be found in **Tables S1 and S3**.