

**Supplementary Figure 1.**  Parameters of proteomic analyses. Volcano plot showing differentially accumulated proteins in (**A**) B12 limitation vs nitrogen limitation and (**B**) in B12 limitation vs B12 resupply. Enriched proteins (p < 0.05 and fold change > 2.0) are shown in red and depleted proteins (p < 0.05 and fold change < -2.0) are shown in blue.



**Supplementary Figure 2.** Overview of major pathways differentially impacted in B12 limitation vs. B12 resupply. Enriched proteins (p < 0.05 and fold change > 2.0) are shown in red and depleted proteins (p < 0.05 and fold change < -2.0) are shown in blue (protein abbreviations are shown in **Supplementary Table 3**).