



Figure S5. Spearman's ρ correlations between AD-implicated CSF proteins and plasma BAs. Only significant associations ($p < 0.05$ and passing FDR corrected at $q = 0.2$) are displayed. Proteins are colored according to Gene Ontology (GO) annotations. Additionally, proteins involved in glycolysis, blood coagulation and extracellular matrix (ECM) interaction are indicated. Spearman's ρ correlations between all analyzed CSF proteins and plasma metabolites are presented in the **Table S6**. N for AD cases = 60; healthy controls = 142. Two splicing variants are reported for KNG1 (P01042 and P01042-2, marked with asterisk). Classic/Alternative pathway is assessed using a ratio of conjugated BAs $(TCA + GCA + TDCA + GDCA) / (GUDCA + TUDCA + GLCA + TLCA + TCDCA + GCDCA)$; Primary/Secondary ratio was assessed using DCA/CA ratio; Glyco/Tauro ratio was assessed using $(GDCA + GLCA) / (TDCA + TLCA)$.