



**Figure S5.** Venn diagram of phosphoprotein identified in the proteins of membrane, integral component of membrane, transmembrane transport, and transporter activity. Red and green dots represent up- and downregulated proteins according to the significance threshold of  $p < 0.05$  and  $\text{Log}_2 |\text{FC}|$ ,  $\text{FC} \geq 1.5$ .