



Figure S1. The Strep-tag in Strep-GST constructs is phosphorylated by AMPK. Phosphorylation of GSTP1(200 pmol) and GSTM1 (40 pmol) in Strep-tagged (P1,M1) and Strep-tag-free forms (P1c, M1c) by AMPK221 (4 pmol) activated by CamKK β (1 pmol). *In vitro* phosphorylation for 10 min at 37°C was analyzed by SDS-PAGE and Typhoon phosphoimager (top panel) and control Coomassie stain for protein loading (bottom panel). Control lanes lack AMPK221 but contain CamKK β .