



□	Unphosphorylated CKβ	V_{\max} : 50.11 ± 0.72 U/mg
		K_m : 0.87 ± 0.034 mM
■	Phosphorylated CKβ	V_{\max} : 72.46 ± 1.19 U/mg
		K_m : 0.65 ± 0.032 mM
◇	S39D/S40D CKβ	V_{\max} : 67.31 ± 1.13 U/mg
		K_m : 0.58 ± 0.030 mM

S4 Fig. Effect of the phosphorylation mimic double-mutation on the catalytic activity of CKβ with ATP as substrate, at constant choline concentration (4 mM). Each data point represents the average of three independent measurements.