

Supplementary Figure 5. Effects of experimental manipulation of phosphorylation status on activity of the mitochondrial Complex I from *C. gigas* from different oxygen conditions.

Experimental treatments: Stop – proteins extracted in the presence of inhibitors of phosphatases and kinases, CeO₂ – cerium oxide treated homogenates, cAMP – homogenates treated with cAMP to stimulate endogenous protein kinase A; PMA – homogenates treated with phorbol myristate acetate to stimulate endogenous protein kinase C. Enzymatic activities are expressed as percent of the native activity under the normoxic conditions (corresponding to “Stop” in A), as shown by the black broken line. The vertical bars represent S.E.M. N=6.

