

Supporting Information

Nanduri et al. 10.1073/pnas.0811018106

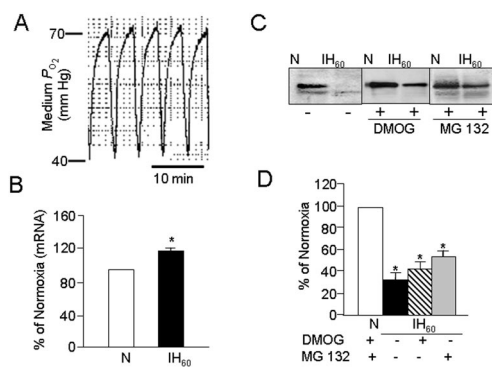


Fig. S1. (A). Representative tracing of the PO₂ changes in the cell culture during exposure to intermittent hypoxia. PO₂ was measured by an O₂-sensitive electrode (Lazar) placed near the cells. During normoxia, ambient PO₂ was ≈140 mmHg, whereas medium PO₂ in presence of 10⁶ cells was ≈70 mmHg as a result of O₂ consumption. During each episode of hypoxia, medium PO₂ decreased by ≈30 mmHg. (B) Effect of IH⁶⁰ on HIF-2α mRNA expression (*n* = 3). (C and D) Effect of 5 μM MG132, a proteosomal inhibitor, and 1 mM DMOG, an inhibitor of PHDs, on IH⁶⁰-evoked HIF-2α degradation in PC12 cells (*n* = 5). The data presented are mean ± SEM. **P* < 0.05 vs. respective normoxic controls expressed as 100%.