



Supplementary Figure 1: Protein expression in the Phd 2 deficient heart. Hearts from mouse embryos (*PGKCre x Phd2^{flox/flox}*) were isolated at E14.5 and western blot analysis was performed on protein extracts (10 μg total protein). The anti mouse-Phd2 antibody targeted the C-terminal end of the protein (homemade). No PHD2 signal could be detected in the *Phd2^{-/-}* heart (as in the rest of the embryo (data not shown)) resulting in the protection of HIF-1α protein from degradation. β-tubulin served as loading control.