Supporting Information for

Increased Turnover at Limiting O_2 Concentrations by the Thr^{387}→Ala Variant of the HIF-Prolyl Hydroxylase PHD2

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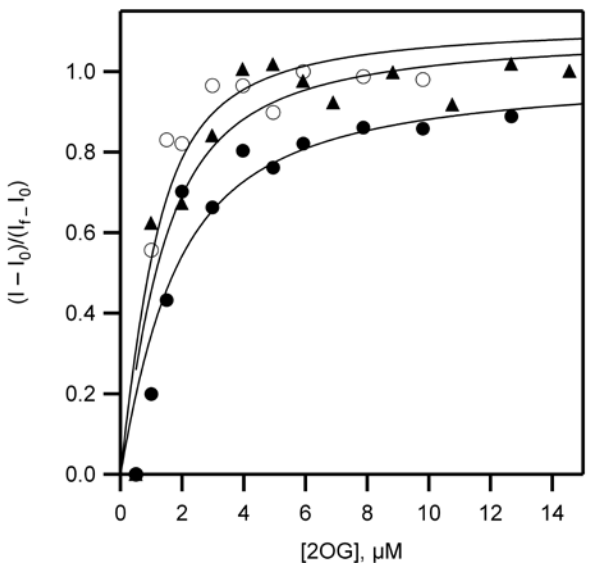

Figure S1. Determination of $K_{D(2OG)}$ for WT-PHD2, Thr^{387}→Ala, and Thr^{387}→Asn upon intrinsic fluorescence quenching of tryptophan upon binding of 2OG to the enzyme active site. Closed circles WT-PHD2 (1.1 μM), open circles Thr^{387}→Ala (1 μM), triangles Thr^{387}→Asn (1.1 μM), each with $MnSO_4$ (20 μM) in 50 mM HEPES pH 7.00 titrated with 2OG (500 μM).