



Supplemental Data Figure 2. V vs. [S] plots for E2 oxidation by purified 17βHSD1, wild-type and mutations R38G and R38D. Data points show means ± SD for a 3 or more determinations, and curves are fits of the Michaelis-Menten equation, $V = V_{\max} \cdot [S] / (K_m + [S])$, to the data using Origin version 7.5. Insets show fitting statistics ($P1 = V_{\max}$, $P2 = K_m$, $r^2 > 0.96$ for all fits).