



Figure S7. FAD (purple sticks) and CDH (gold cartoon) form an unusually short intermolecular contact. The S_{γ} atom of Cys^{305} (gold sticks) is situated only 1.84 Å from the C_{8M} atom of FAD. Electron density at 2.0σ (black mesh) bridges this gap, indicating a degree of shared electrons. The complexed form is shown; the intermolecular distance was identical in the non-complexed form.