



Figure S6. Superimposition of 3-Ketosteroid $\Delta 1$ -Dehydrogenase from *Rhodococcus erythropolis* SQ1, PDB 4c3x(1) with wildtype CDH using COOT(2). rmsd achieved: 1.8823Å. The overlaid structures were drawn using PyMol.

1. A. Rohman, N. van Oosterwijk, A.-M. W. H. Thunnissen, B. W. Dijkstra, Crystal Structure and Site-directed Mutagenesis of 3-Ketosteroid $\Delta 1$ -Dehydrogenase from *Rhodococcus erythropolis* SQ1 Explain Its Catalytic Mechanism*. *Journal of Biological Chemistry* **288**, 35559-35568 (2013).
2. P. Emsley, K. Cowtan, Coot: model-building tools for molecular graphics. *Acta Crystallogr D Biol Crystallogr* **60**, 2126-2132 (2004).