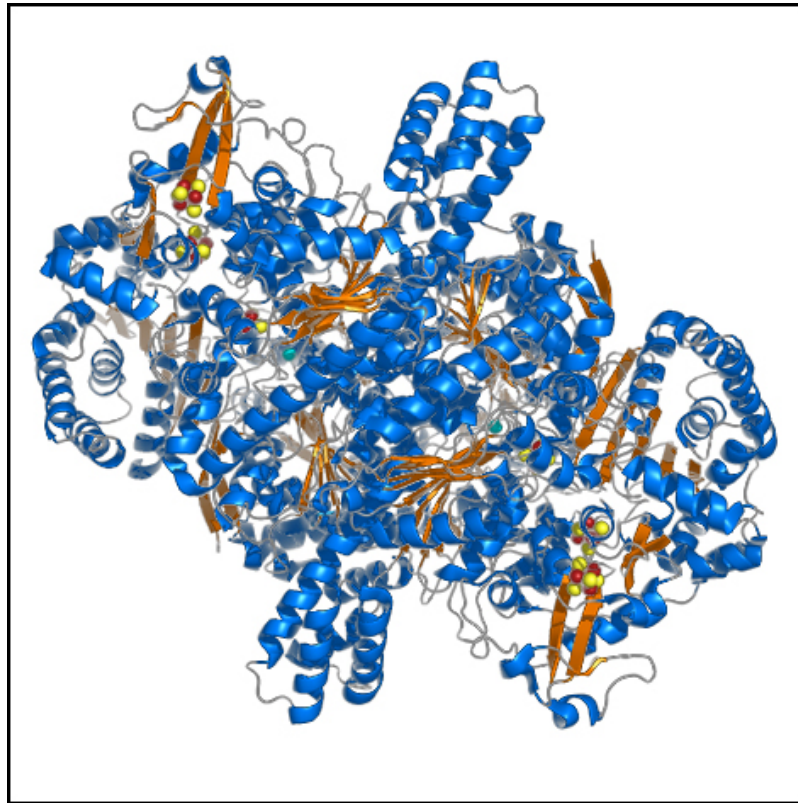


Desulfovibrio africanus pyruvate:ferredoxin oxidoreductase



1. Amara P, Fdez Galván I, Fontecilla-Camps JC, Field MJ. The enamine intermediate may not be universal to thiamine catalysis. *Angew Chem Int Ed* (2007) **46**, 9017-9022.
2. Cavazza C, Contreras-Martel C, Pieulle L, Chabrière E, Hatchikian EC, Fontecilla-Camps JC. Flexibility of thiamine diphosphate revealed by kinetic crystallographic studies of the reaction of pyruvate-ferredoxin oxidoreductase with pyruvate. *Structure* (2006) **14**, 217-24.
3. Chabrière E, Vernède X, Guigliarelli B, Charon MH, Hatchikian EC, Fontecilla-Camps JC. Crystal structure of the free radical intermediate of pyruvate:ferredoxin oxidoreductase. *Science* (2001) **294**, 2559-2563.
4. Charon MH, Volbeda A, Chabriere E, Pieulle L, Fontecilla-Camps JC. Structure and electron transfer mechanism of pyruvate:ferredoxin oxidoreductase. *Curr Opin Struct Biol* (1999) **9**, 663-669.
5. Chabrière E, Volbeda A, Fontecilla-Camps JC, Roth M, Charon MH. Combination of methods used in the structure solution of pyruvate:ferredoxin oxidoreductase from two crystal forms. *Acta Crystallogr D Biol Crystallogr* (1999) **55**, 1546-1554.
6. Pieulle L, Chabrière E, Hatchikian C, Fontecilla-Camps JC, Charon MH. Crystallization and preliminary crystallographic analysis of the pyruvate-ferredoxin oxidoreductase from *Desulfovibrio africanus*. *Acta Crystallogr D Biol Crystallogr* (1999) **55**, 329-331.
7. Chabrière E, Charon MH, Volbeda A, Pieulle L, Hatchikian EC, Fontecilla-Camps JC. Crystal structures of the key anaerobic enzyme pyruvate:ferredoxin oxidoreductase, free and in complex with pyruvate. *Nat Struct Biol* (1999) **6**, 182-190.