Structure of Escherichia coli aminodeoxychorismate synthase: architectural conservation and diversity in chorismate-utilizing enzymes.

Title: Structure of Escherichia coli aminodeoxychorismate synthase: architectural conservation and diversity in chorismate-utilizing enzymes.

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Abstract: Aminodeoxychorismate synthase is part of a heterodimeric complex that catalyzes the two-step biosynthesis of the aromatic amino acids tyrosine and tryptophan for structural integrity, and corroborates early ideas on the evolution of this interesting enzyme family.

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