

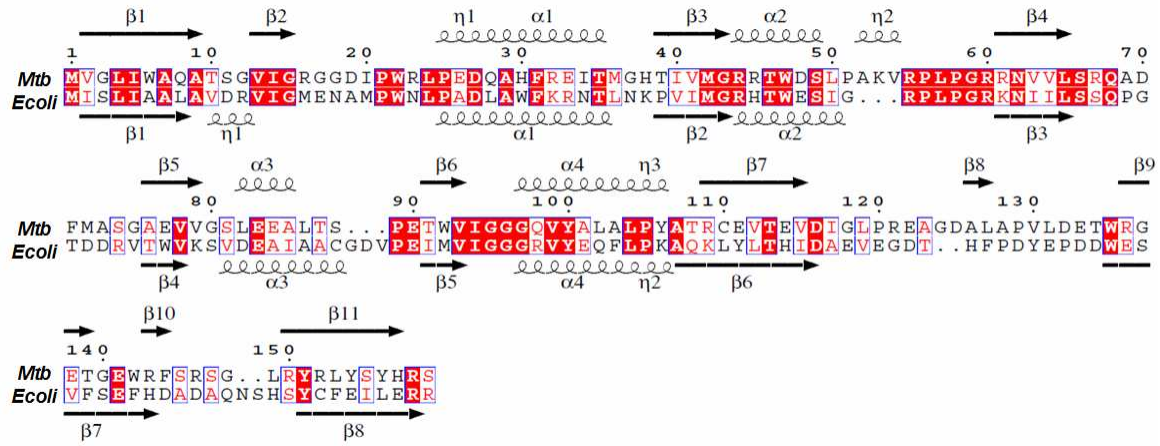
Kinetic and Chemical Mechanism of the Dihydrofolate Reductase from *Mycobacterium tuberculosis*

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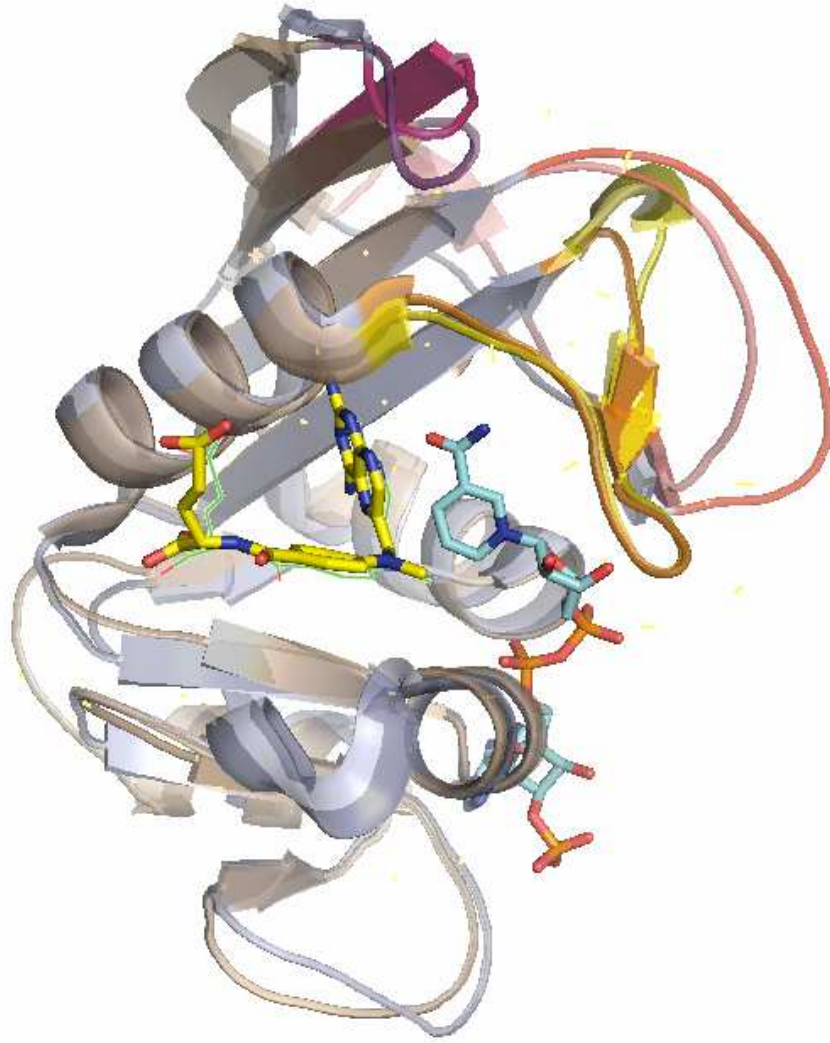
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Supplementary Figure 1: Primary sequence alignment of the *Mt*DHFR, *Ec*DHFR, and *Hs*DHFR.



Supplementary Figure 2: Structure-based sequence alignment of the *MtDHFR* and *EcDHFR* made using ESPrpt.



Supplementary Figure 3: Structure alignment of the *Mt*DHFR (blue), and the *Ec*DHFR (light orange). The main differences between the two proteins are in the M20 loop (orange in the *Mt*DHFR, yellow in the *Ec*DHFR), the F/G loop (pink in the *Mt*DHFR, light pink in the *Ec*DHFR), and the G/H loop (light purple in the *Mt*DHFR, dark purple in the *Ec*DHFR). NADPH is shown in blue/orange, methotrexate is shown in yellow.