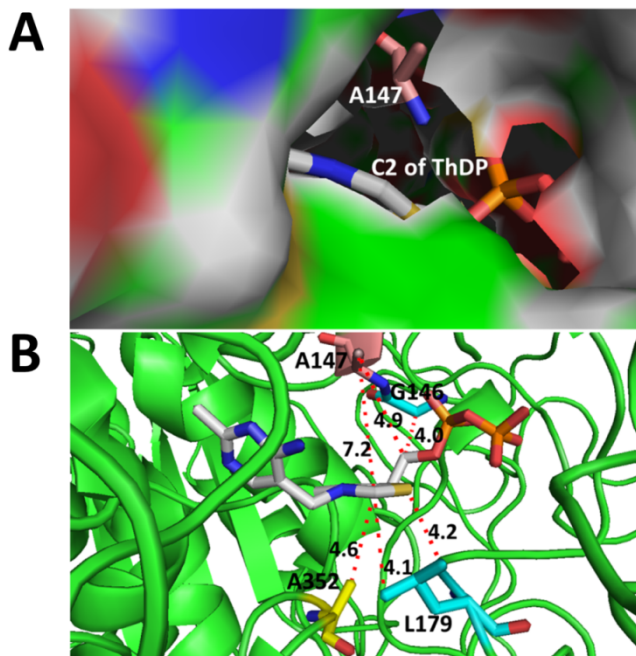


# Engineering of Recombinant Poplar Deoxy-D-xylulose-5-phosphate Synthase (*Pt*DXS) by Site-directed Mutagenesis Improves Its Activity

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**Fig S2. A. Zoomed in surface view of the orientation of Ala-147 residue of WTP*t*DXS and the thiazolium ring of ThDP in the enzyme active site. B. Cartoon view of the interactions of different residues of WTP*t*DXS with ThDP and their relevant distances from the thiazolium ring and the carbon chain of ThDP.**