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Supporting information for article:

Structure of a His170Tyr mutant of thermostable pNPPase
from *Geobacillus stearothermophilus*

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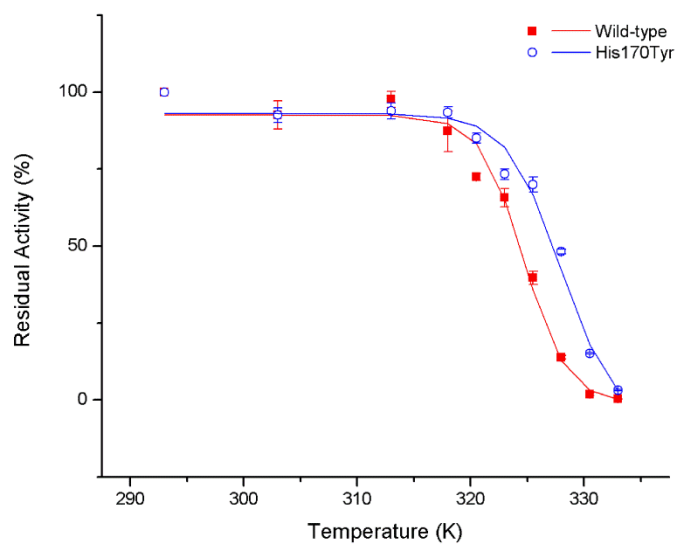


Figure S1 Thermostability of phosphatase activities of wild-type TpNPPase and His170Tyr mutant. $T_{1/2}$ of wild-type is 324.86 K. $T_{1/2}$ of His170Tyr is 329.26 K.

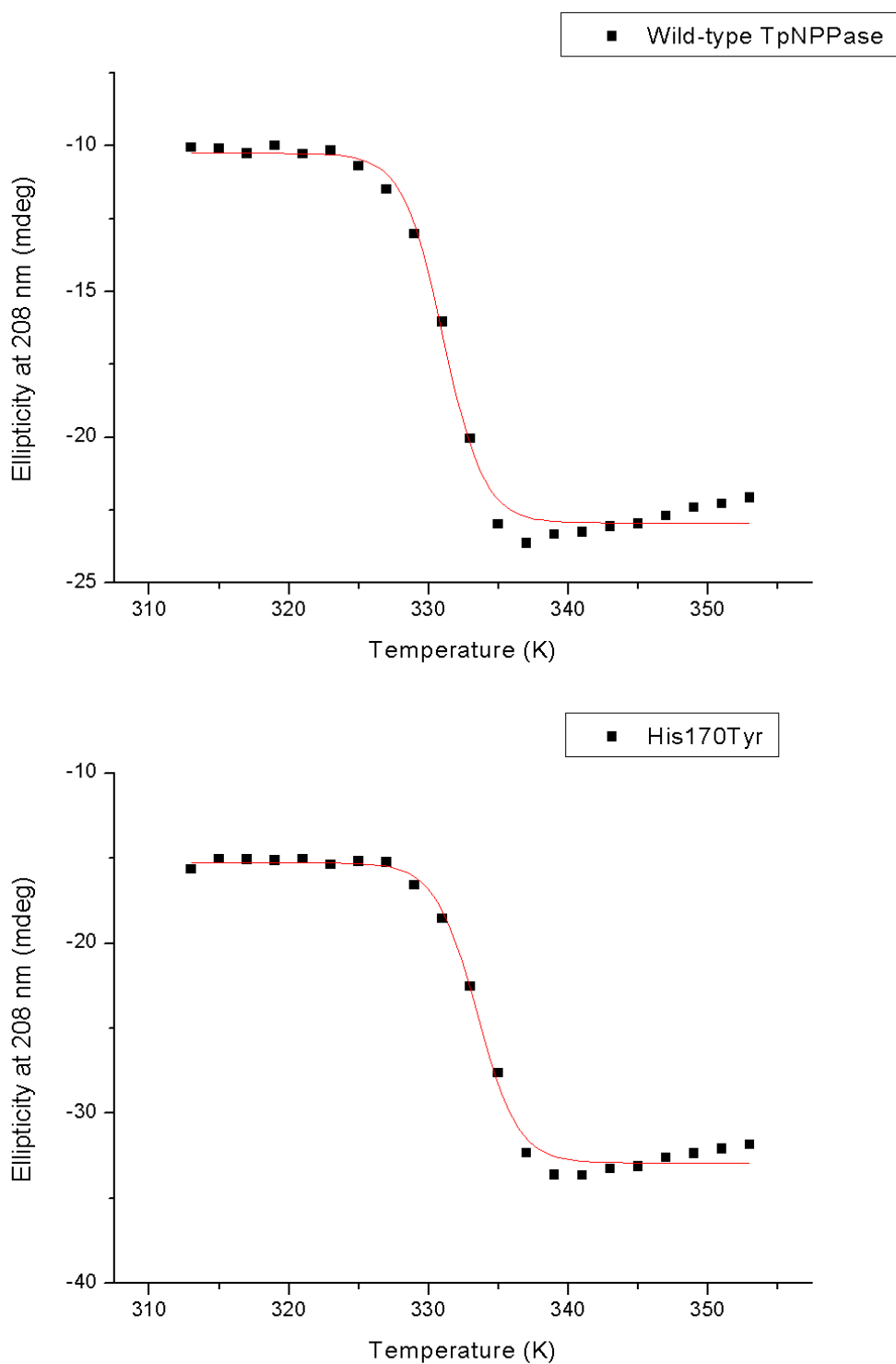


Figure S2 Thermostability of phosphatase activities of wild-type TpNPPase and His170Tyr mutant. T_m of wild-type is 331.39 K. T_m of His170Tyr is 333.46 K.

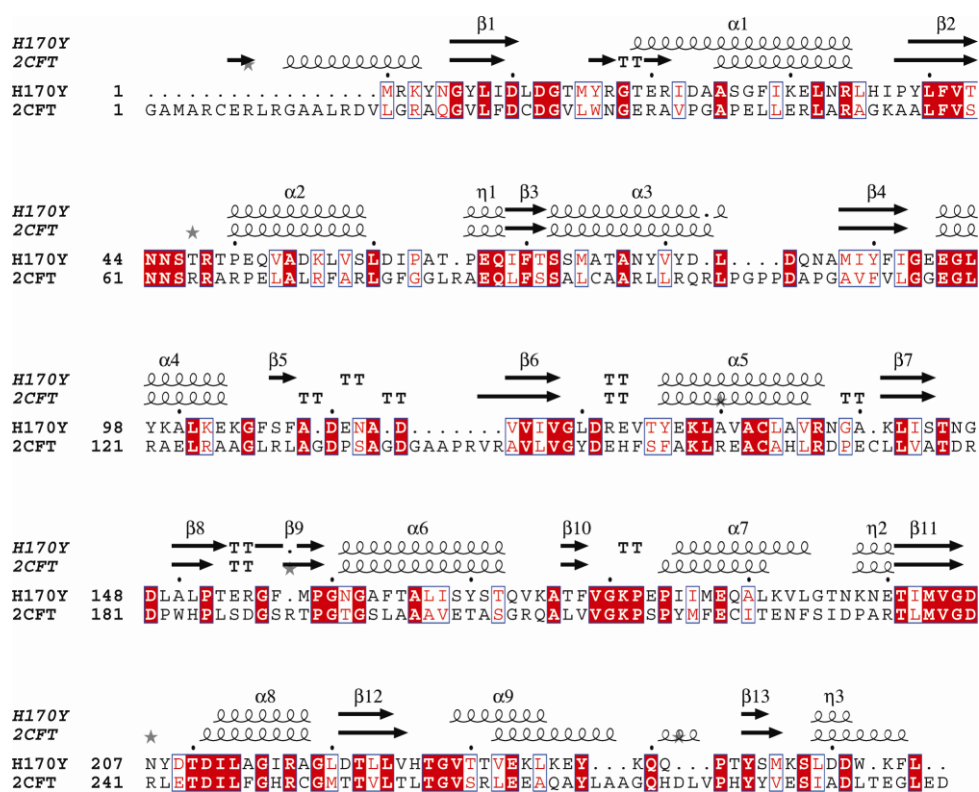


Figure S3 Amino acid sequences and secondary structure alignments of human PLPP and TpNPPase. The alignments were performed using ClusterX and ESPrpt (<http://esprpt.ibcp.fr/ESPrpt/cgi-bin/ESPrpt.cgi>).