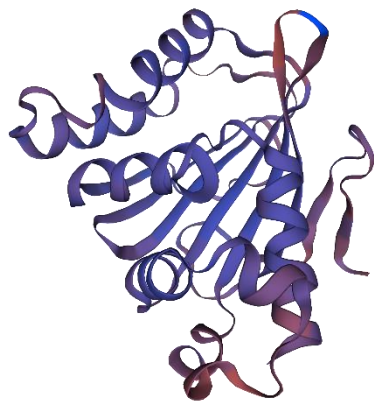
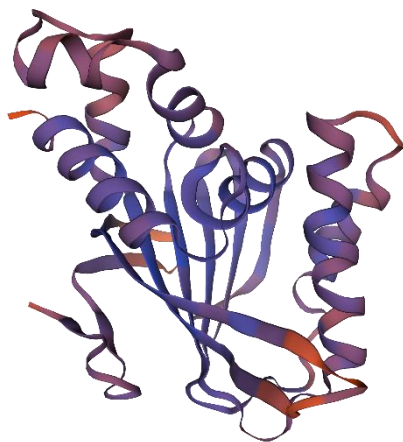


A

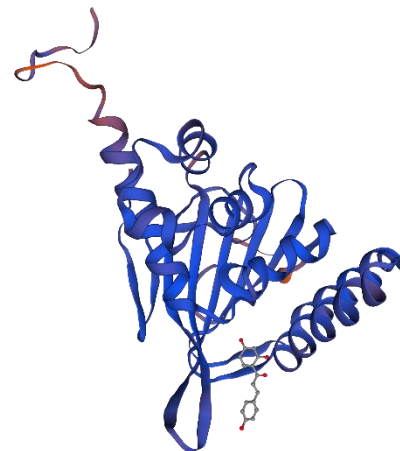
OsCHI1



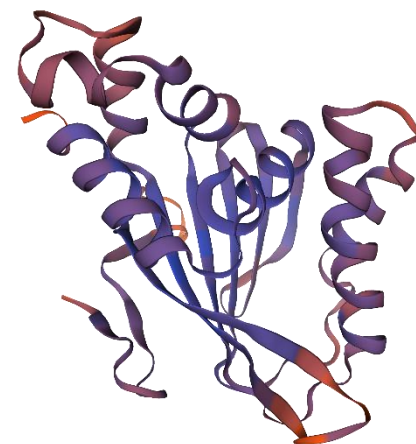
OsCHI2



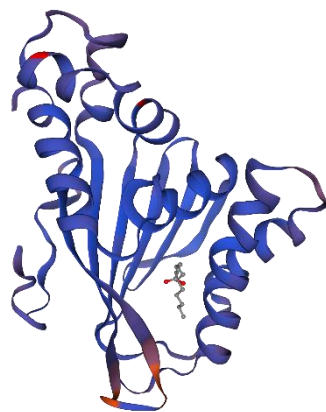
OsCHI3



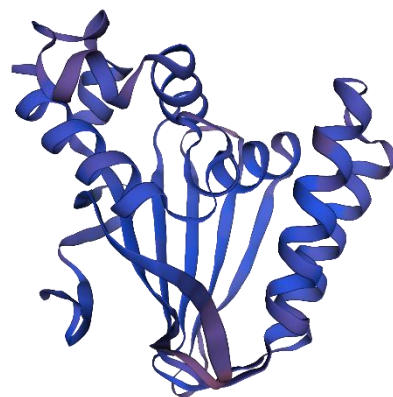
OsCHI4



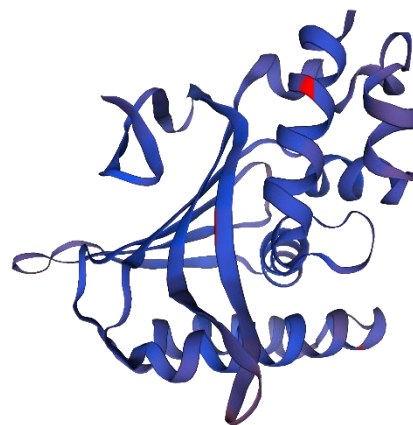
OsCHI5



OsCHI6

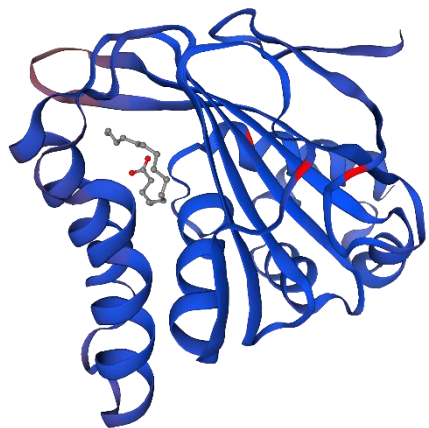


OsCHI7

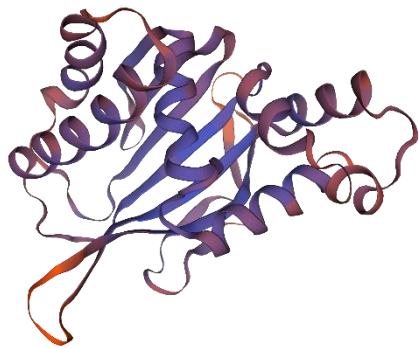


B

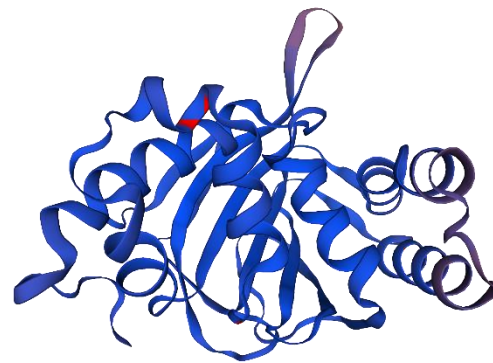
AtCHI1



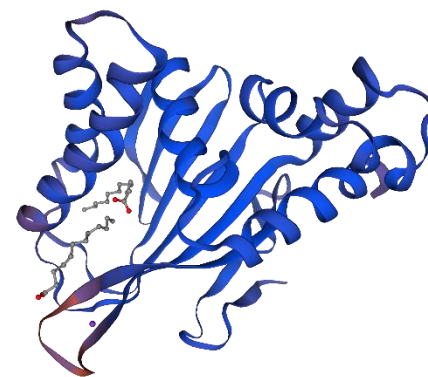
AtCHI2



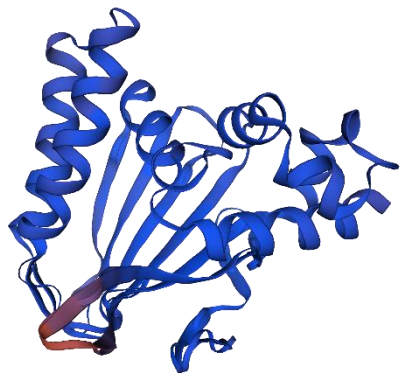
AtCHI3



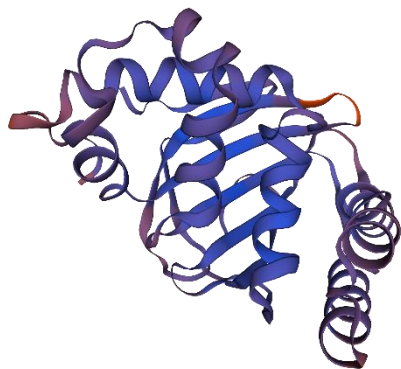
AtCHI4



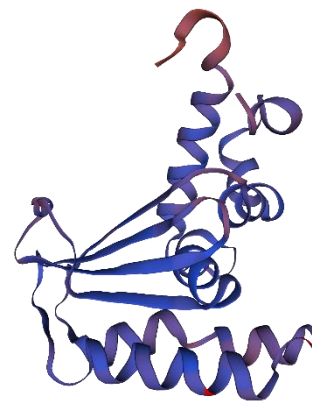
AtCHI5



AtCHI6

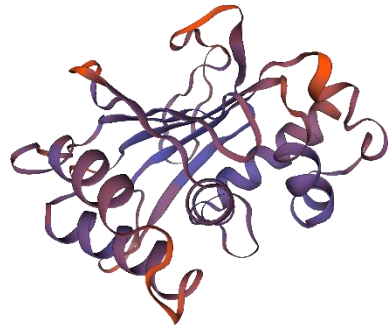


AtCHI7

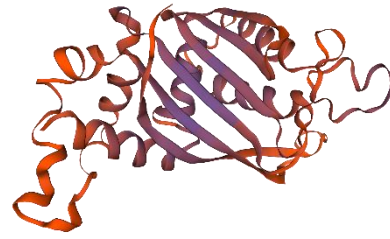


C

CrCHI1



CrCHI2

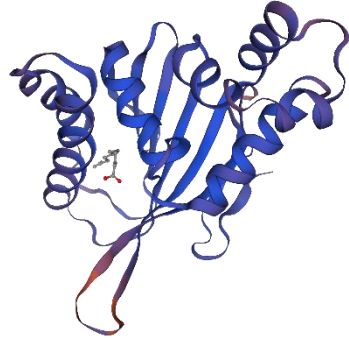


CrCHI3

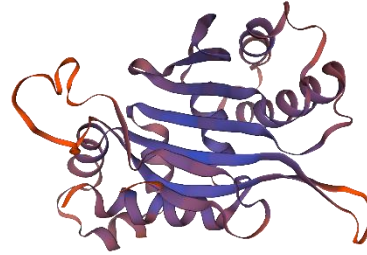


D

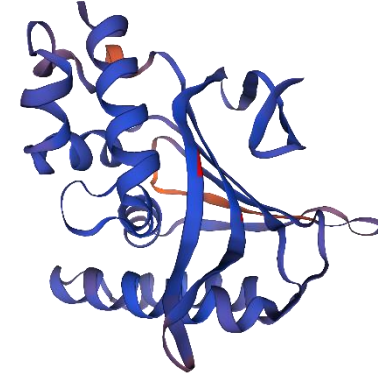
CsCHI1



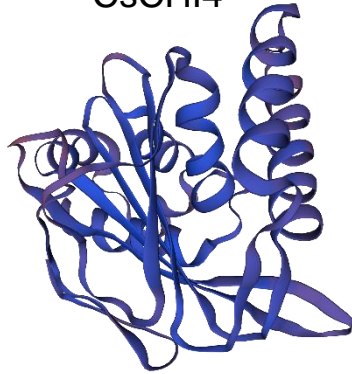
CsCHI2



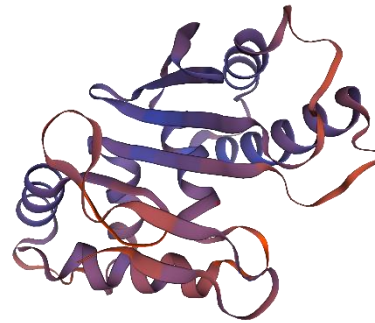
CsCHI3



CsCHI4



CsCHI5

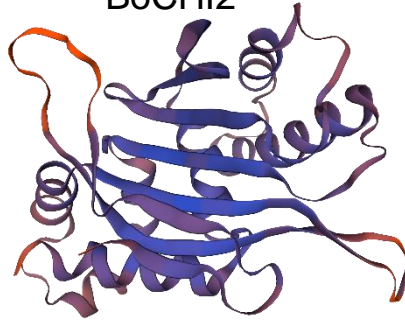


E

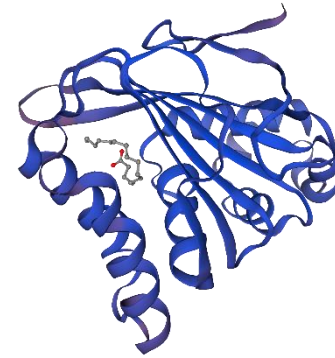
BoCHI1



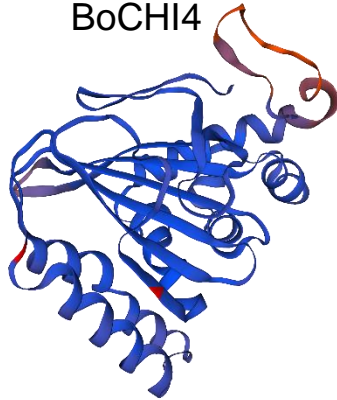
BoCHI2



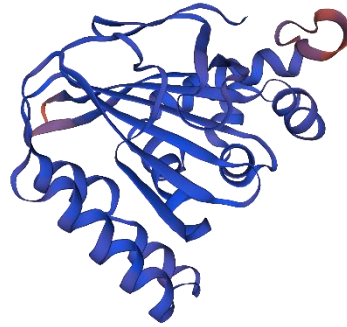
BoCHI3



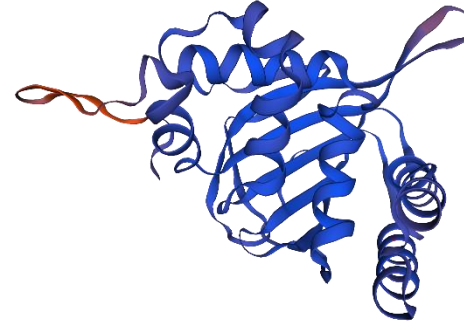
BoCHI4



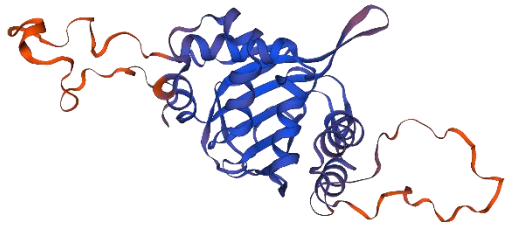
BoCHI5



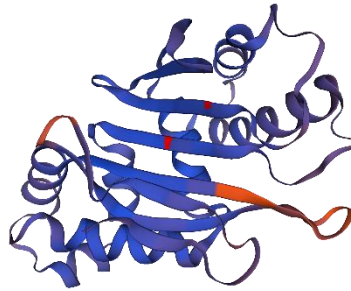
BoCHI6



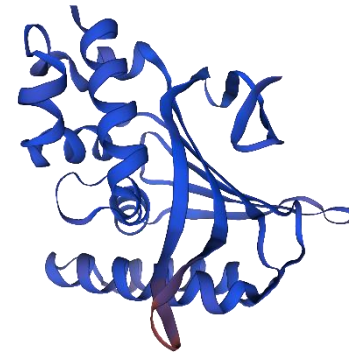
BoCHI7



BoCHI8

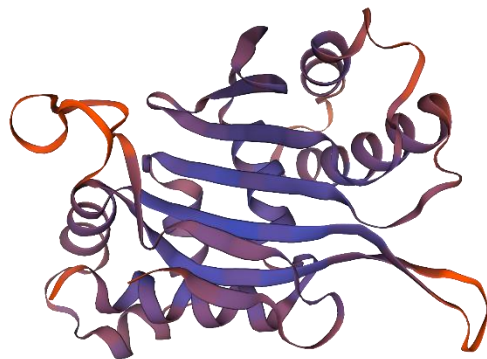


BoCHI9



F

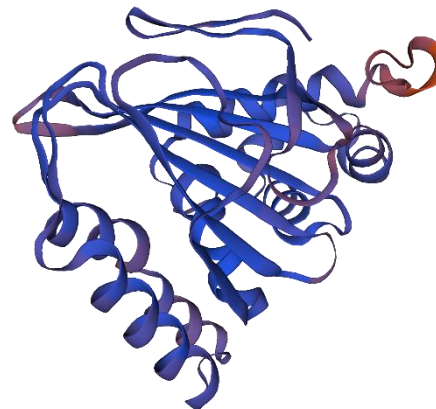
CqCHI1



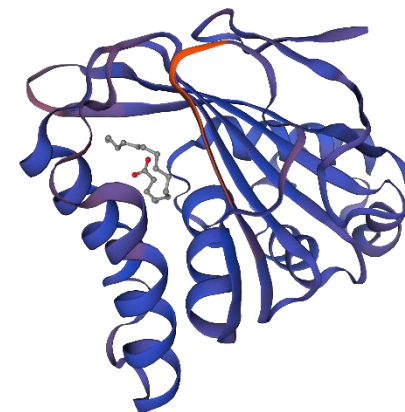
CqCHI2



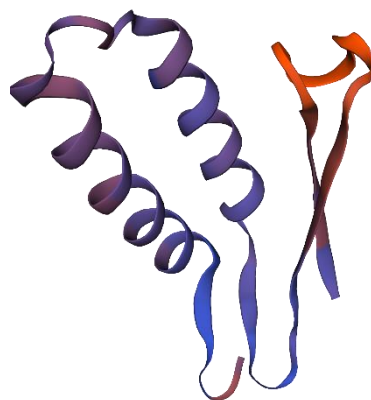
CqCHI3



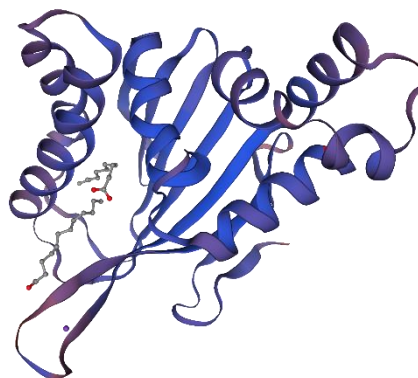
CqCHI4



CqCHI5



CqCHI6

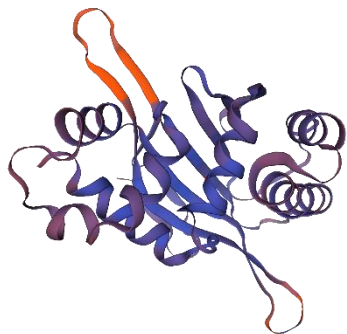


CqCHI7

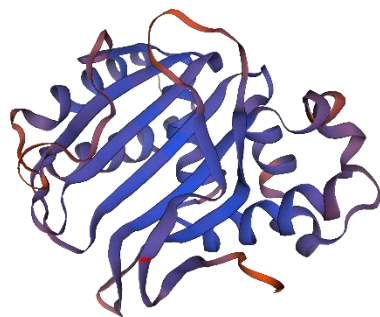


G

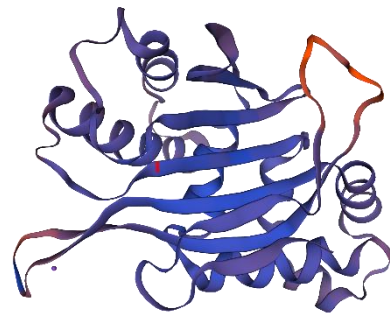
CriCHI1



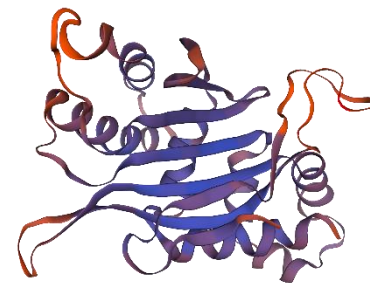
CriCHI2



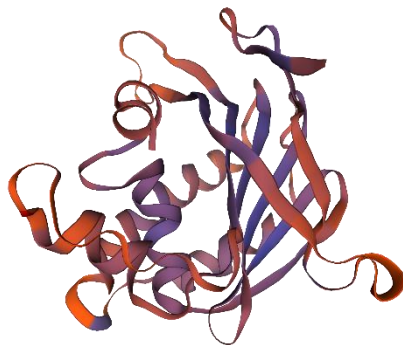
CriCHI3



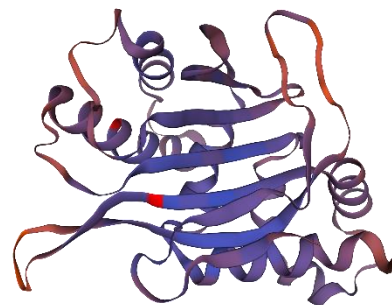
CriCHI4



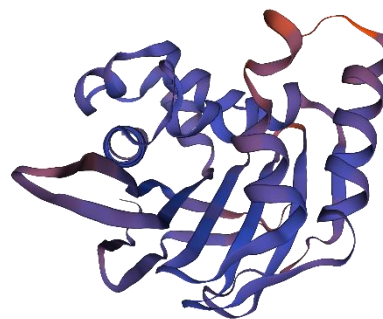
CriCHI5



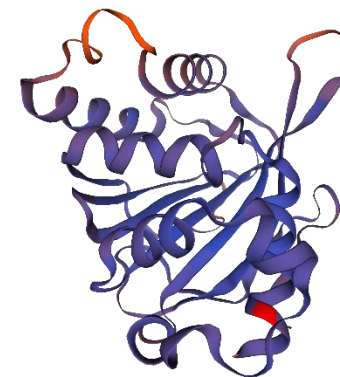
CriCHI6



CriCHI7

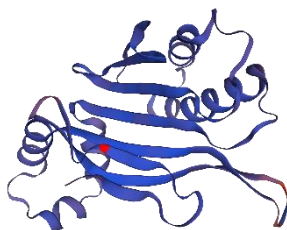


CriCHI8

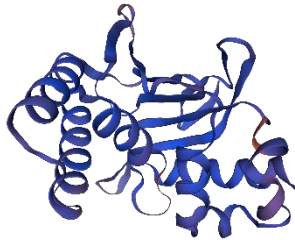


H

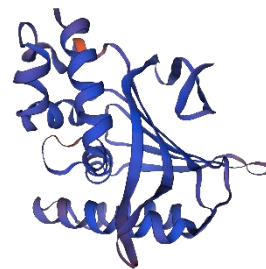
GmCHI1



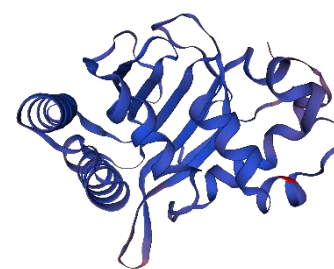
GmCHI2



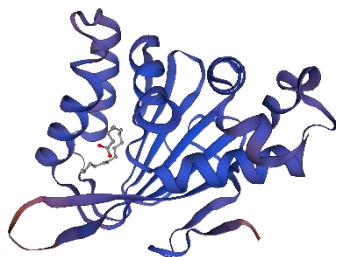
GmCHI3



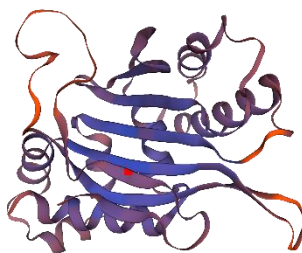
GmCHI4



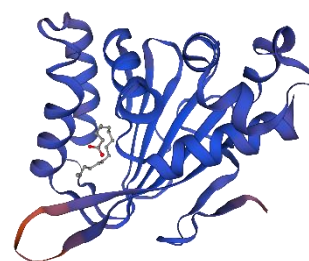
GmCHI5



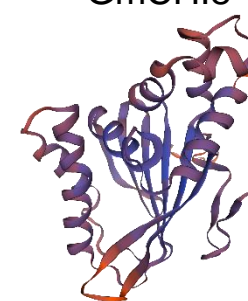
GmCHI6



GmCHI7



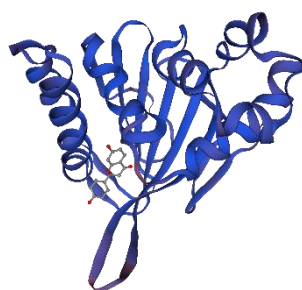
GmCHI8



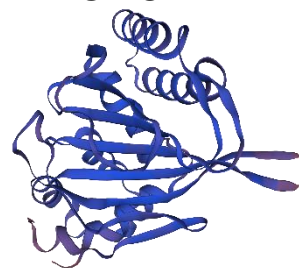
GmCHI9



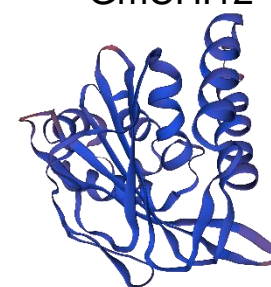
GmCHI10



GmCHI11

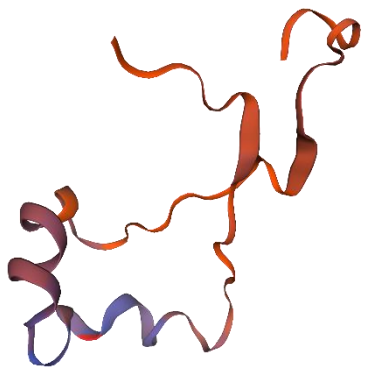


GmCHI12

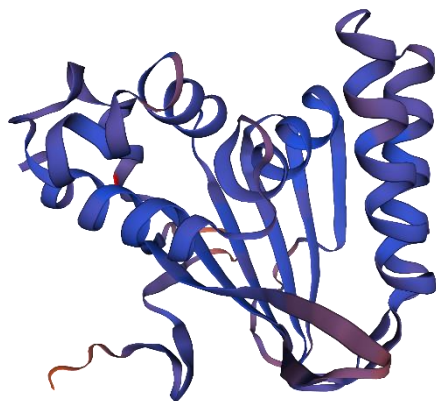


I

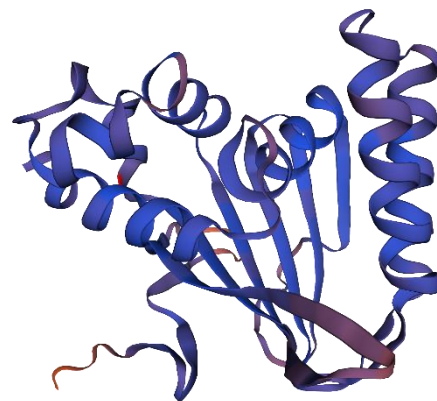
PpCHI1



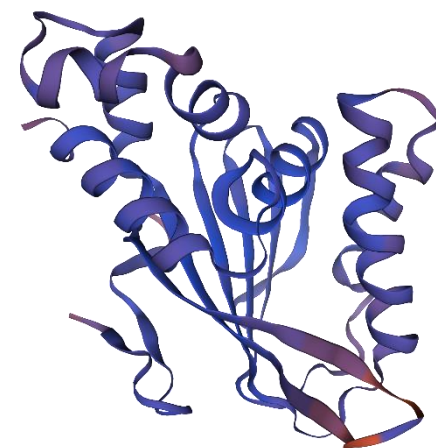
PpCHI2



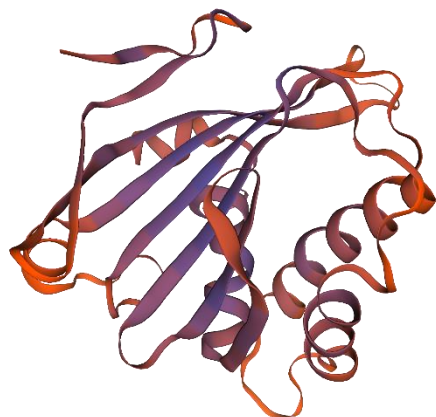
PpCHI3



PpCHI4



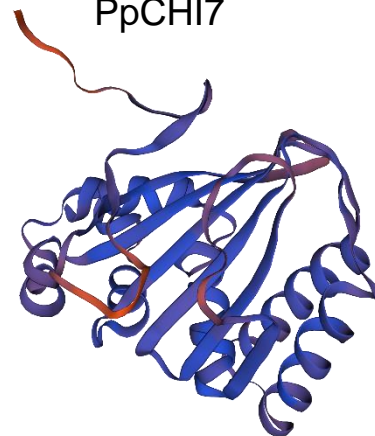
PpCHI5



PpCHI6

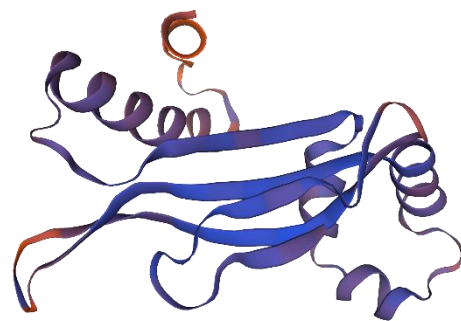


PpCHI7



J

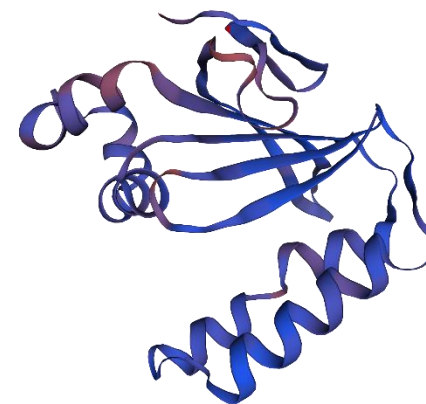
PtCHI1



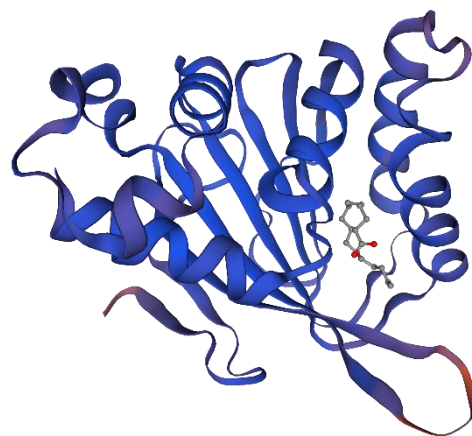
PtCHI2



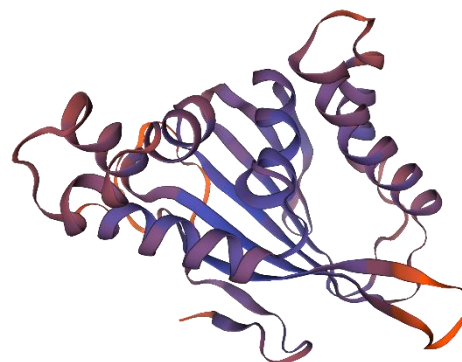
PtCHI3



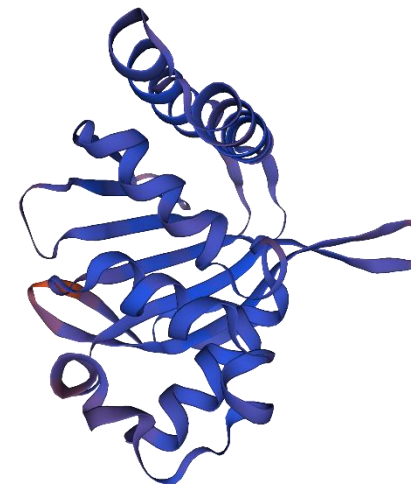
PtCHI4



PtCHI5

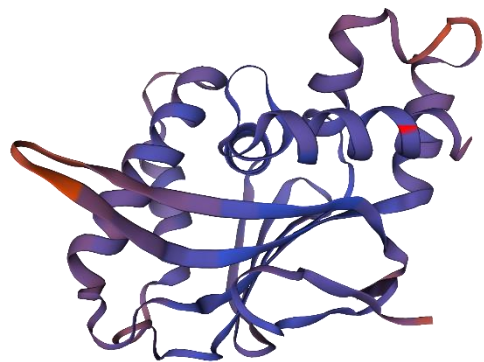


PtCHI6

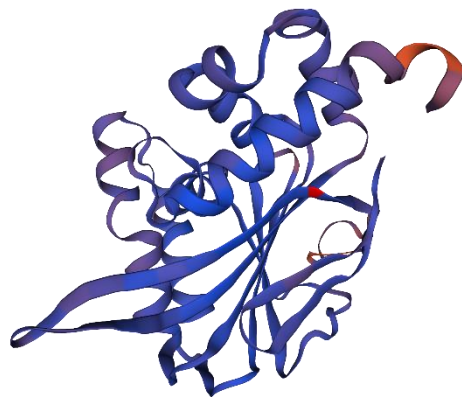


K

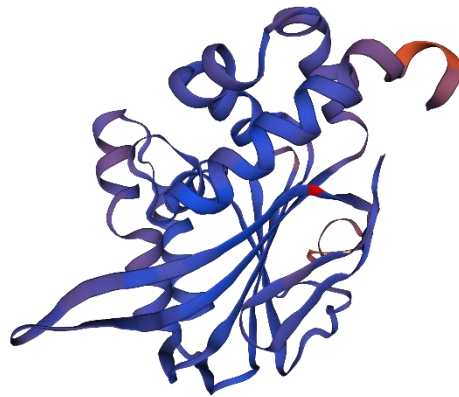
SICHI1



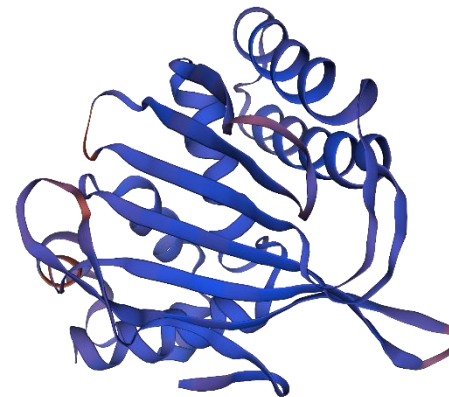
SICHI2



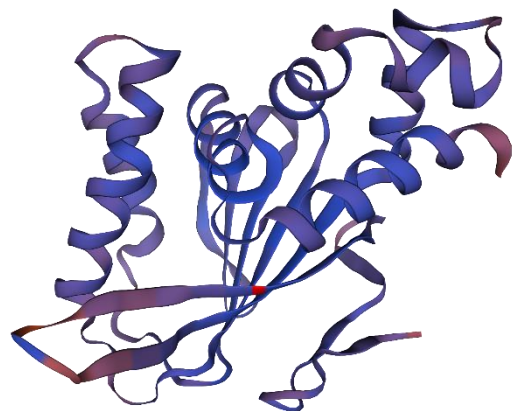
SICHI3



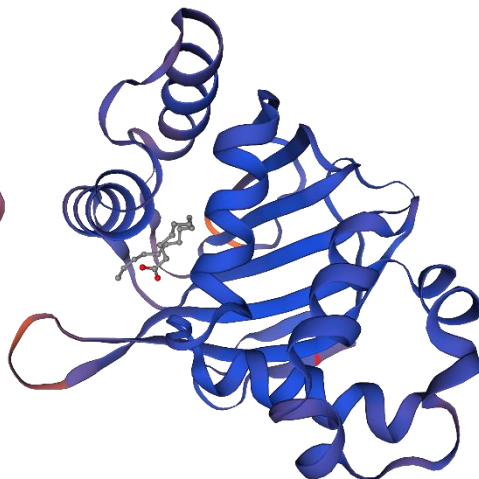
SICHI4



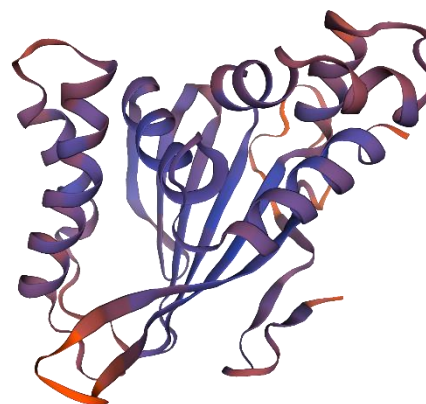
SICHI5



SICHI6

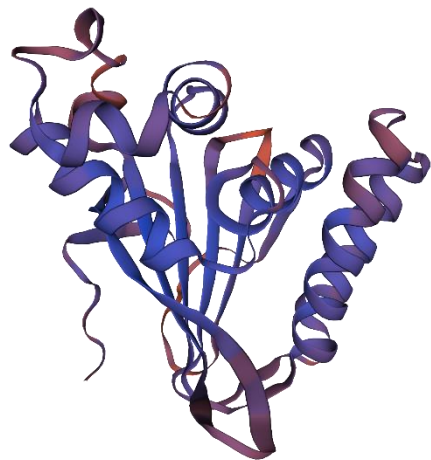


SICHI7

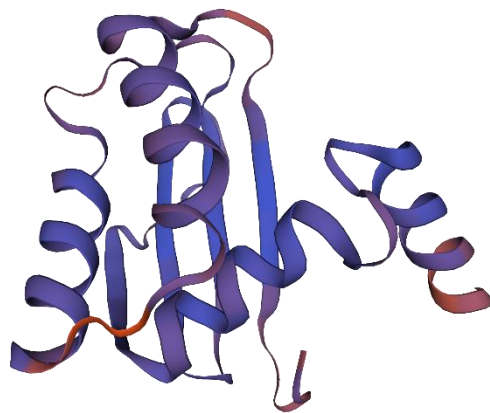


L

SmCHI1



SmCHI2



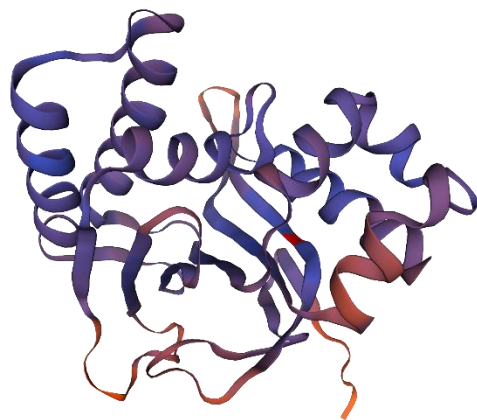
SmCHI3



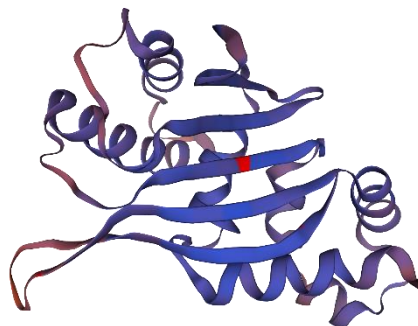
SmCHI4



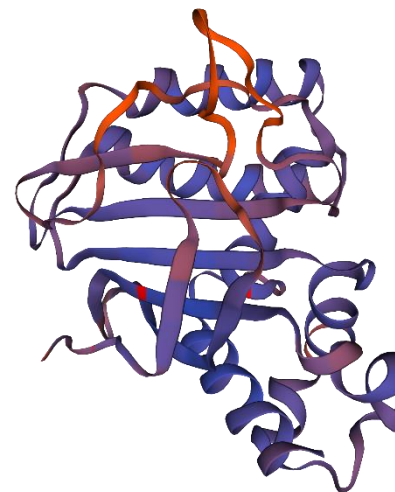
SmCHI5



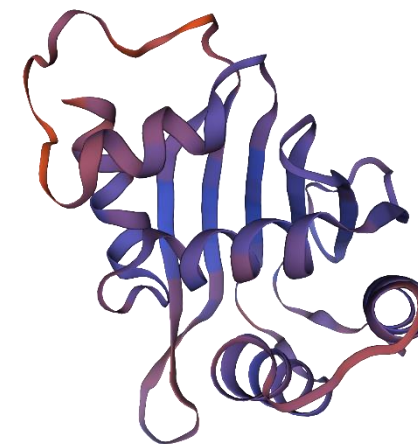
SmCHI6



SmCHI7

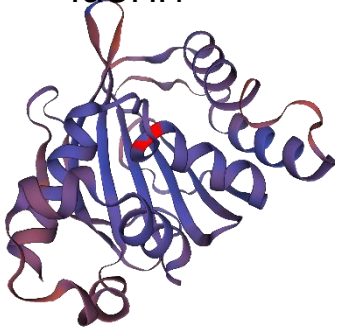


SmCHI8



M

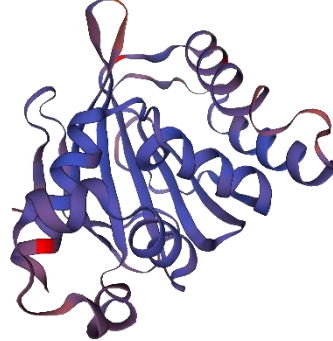
TaCHI1



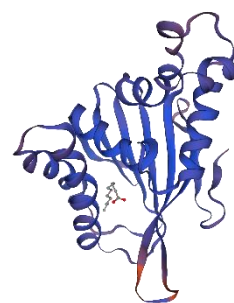
TaCHI2



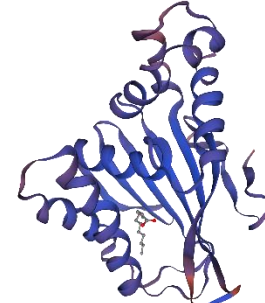
TaCHI3



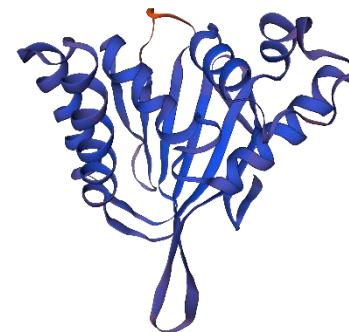
TaCHI4



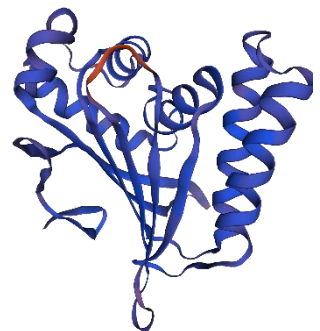
TaCHI5



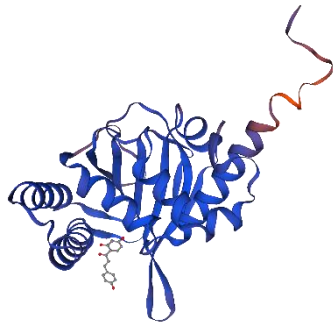
TaCHI6



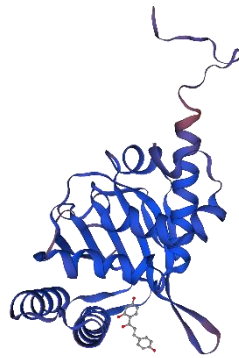
TaCHI7



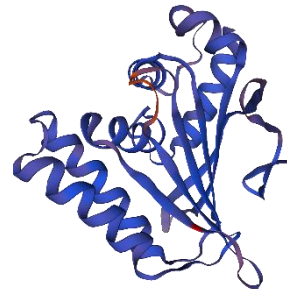
TaCHI8



TaCHI9



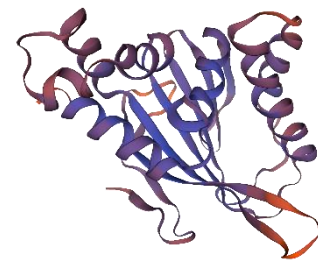
TaCHI10



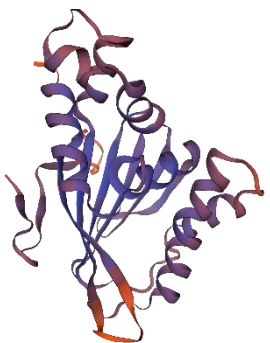
TaCHI11



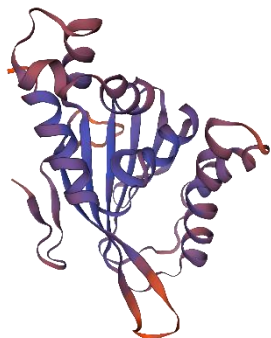
TaCHI12



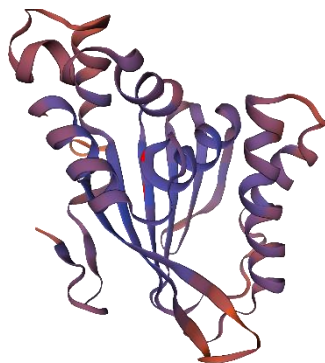
TaCHI13



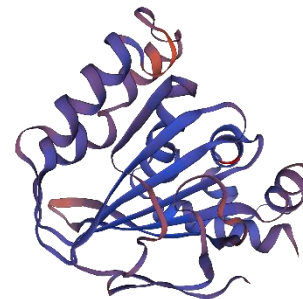
TaCHI14



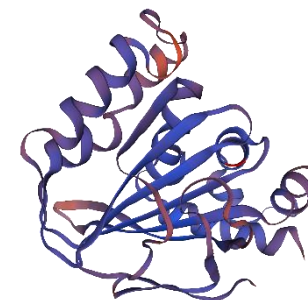
TaCHI15



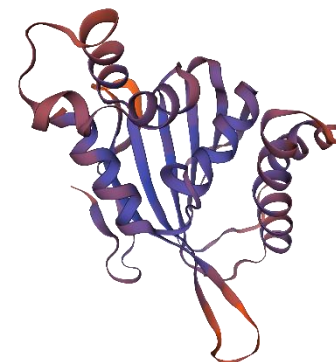
TaCHI16



TaCHI17

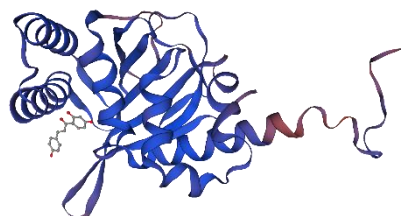


TaCHI18

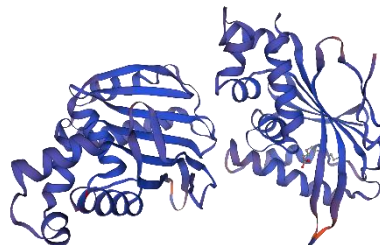


N

ZmCHI1



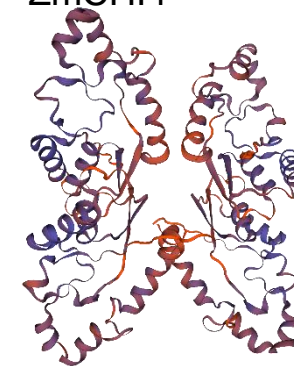
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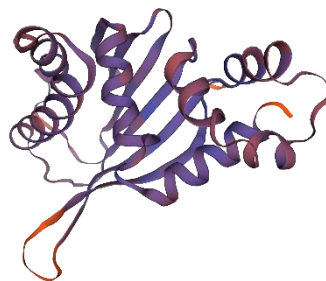
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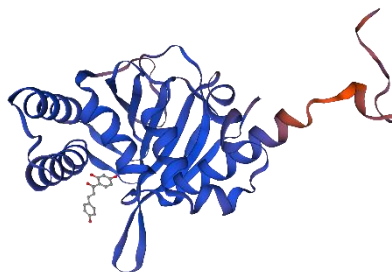
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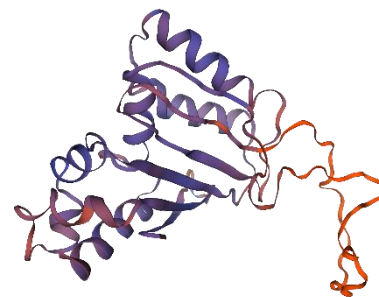
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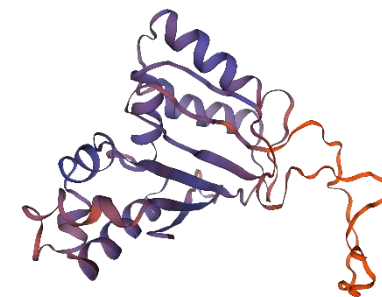
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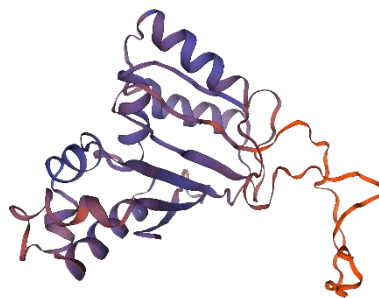
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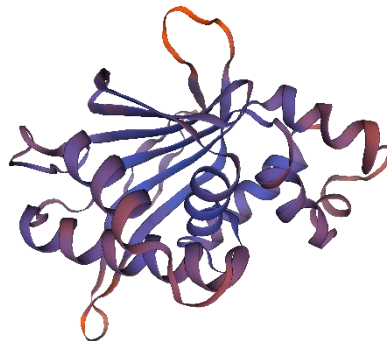
ZmCHI8



ZmCHI9



ZmCHI10



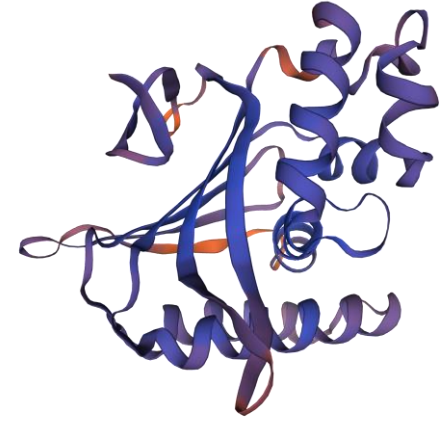
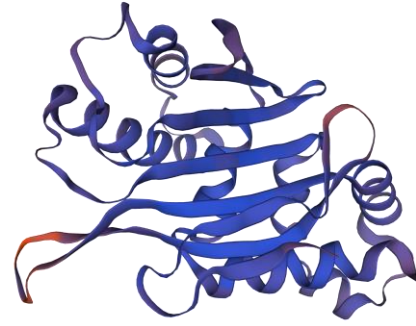
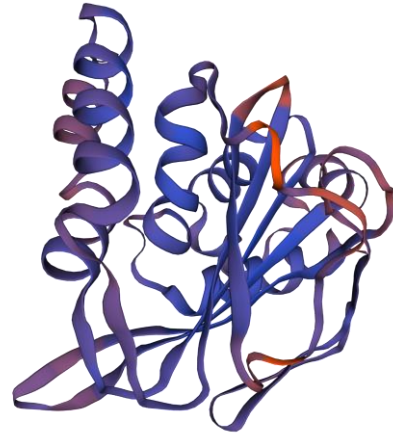
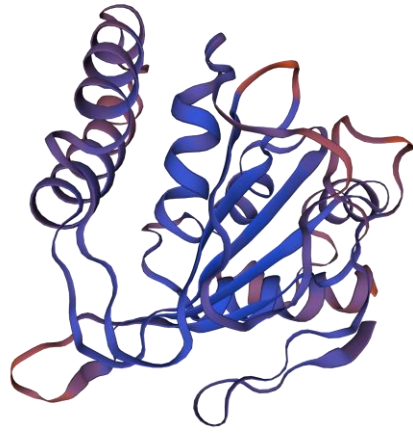
O

PaCHI1

PaCHI2

PaCHI3

PaCHI4

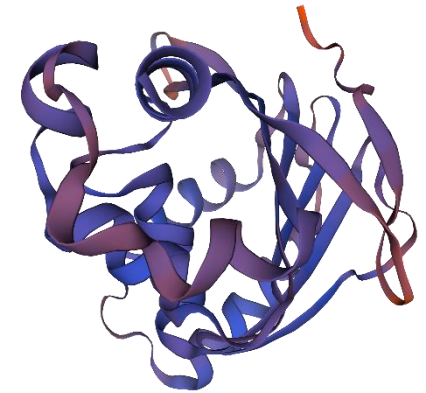
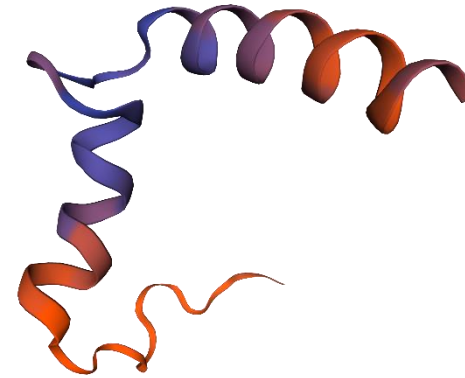
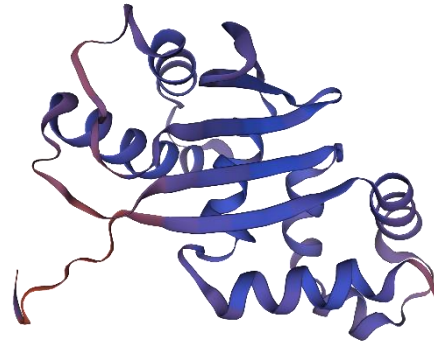
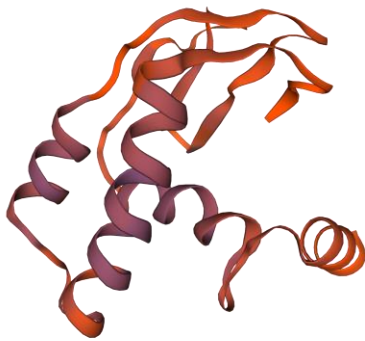


PaCHI5

PaCHI6

PaCHI7

PaCHI8



Supplementary Figure S4. 3D homology model of 122 CHIs among 15 green plants. A: *O.sativa*. B: *A.thaliana*. C: *C.reinhardtii*. D: *C.sativa*. E: *B.oleracea*. F: *C.quinoa*. G: *C.richardii*. H: *G.max*. I: *P.patens*. J: *P.trichocarpa*. K: *S.lycopersicum*. L: *S.moellendorffii*. M: *T.aestivum*. N: *Z.mays*. O: *P.abies*. The model was built using SWISS-MODEL. Blue colors represent α -helices and red colors represent β -stranded sheet. α -helices and β -stranded sheets connected by loops. Ball and stick represent the ligands.