## Computational Modeling of Mg<sup>2+</sup> Binding in the Active Site of Protein Farnesyltransferase

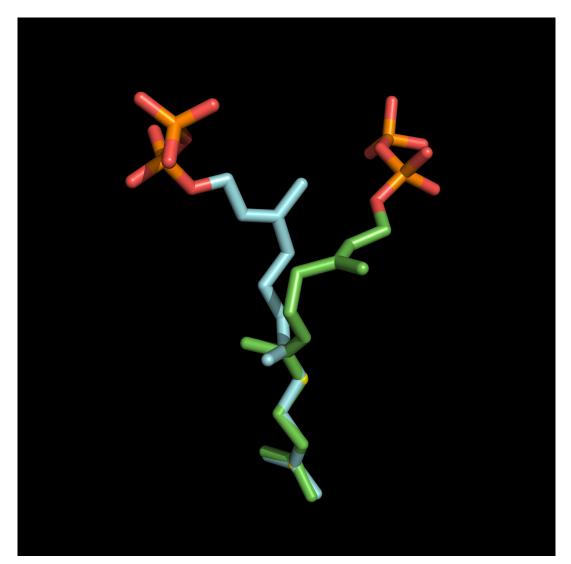
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## Figure S1

Comparison of  $FPP^{3-}$  orientation found in WT2 MD simulation and from previous  $FTase/FPP^{3-}$  (without  $Mg^{2+}$ ) MD simulation.



## Figure S2

Distribution map of  $d_{RC}$  from WT2 MD simulations, in support to an intermediate state existing at ~5Å.

