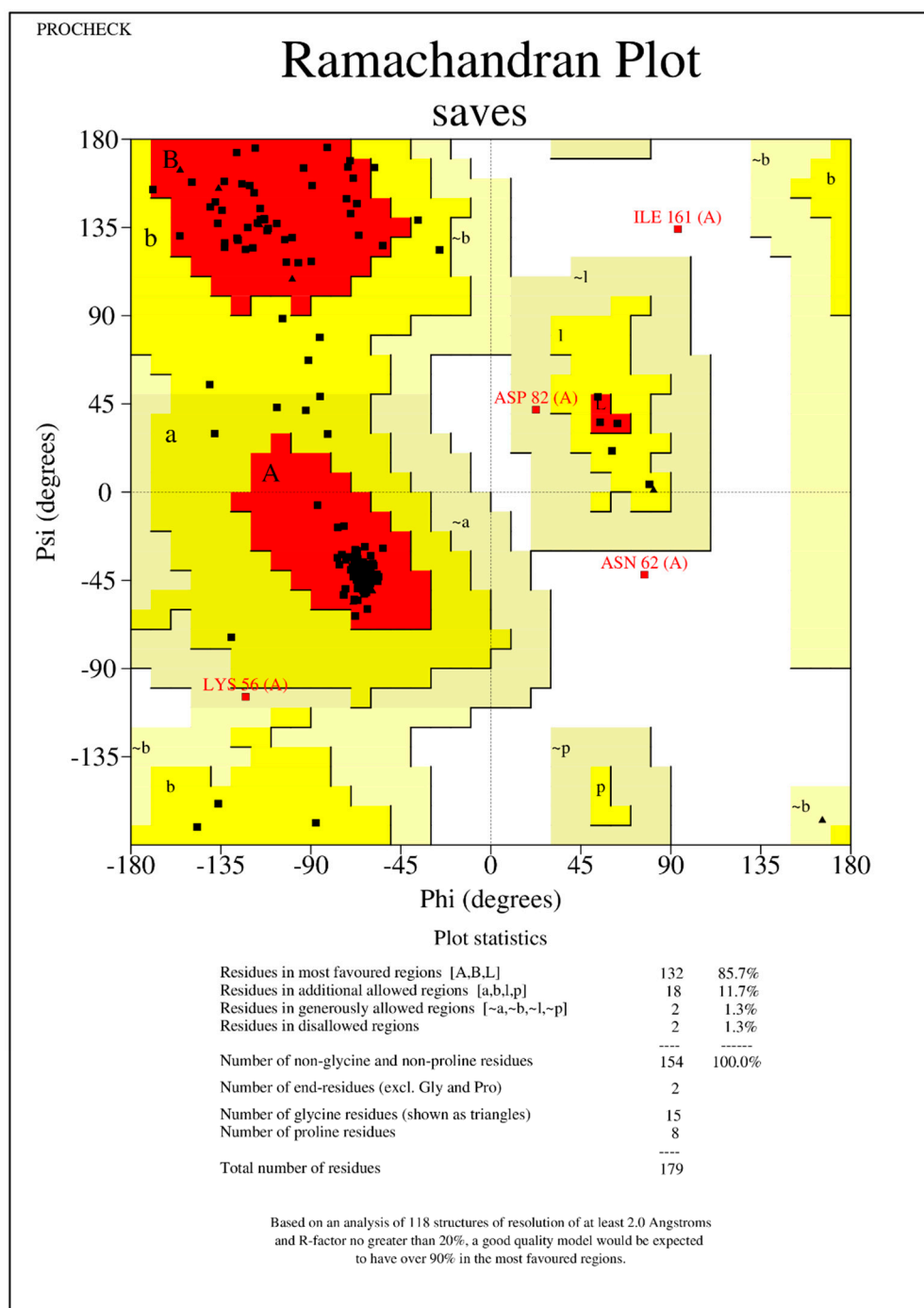


Supplementary file 1.

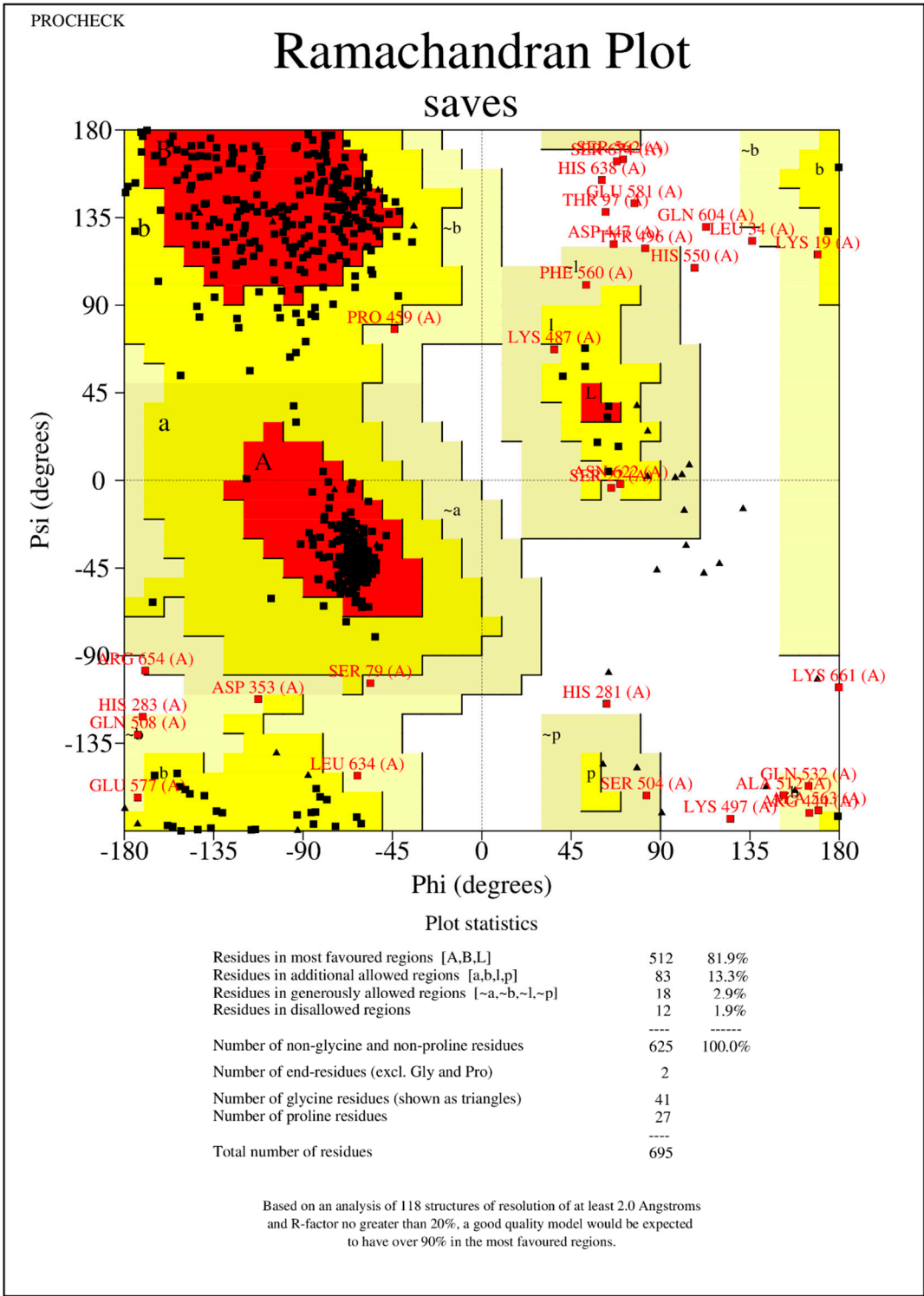
I. Testing of the Protein Models using Ramachandran Plot using the web server SAVES SERVER(<https://saves.mbi.ucla.edu/>)

1. Phospholipase B like Protein



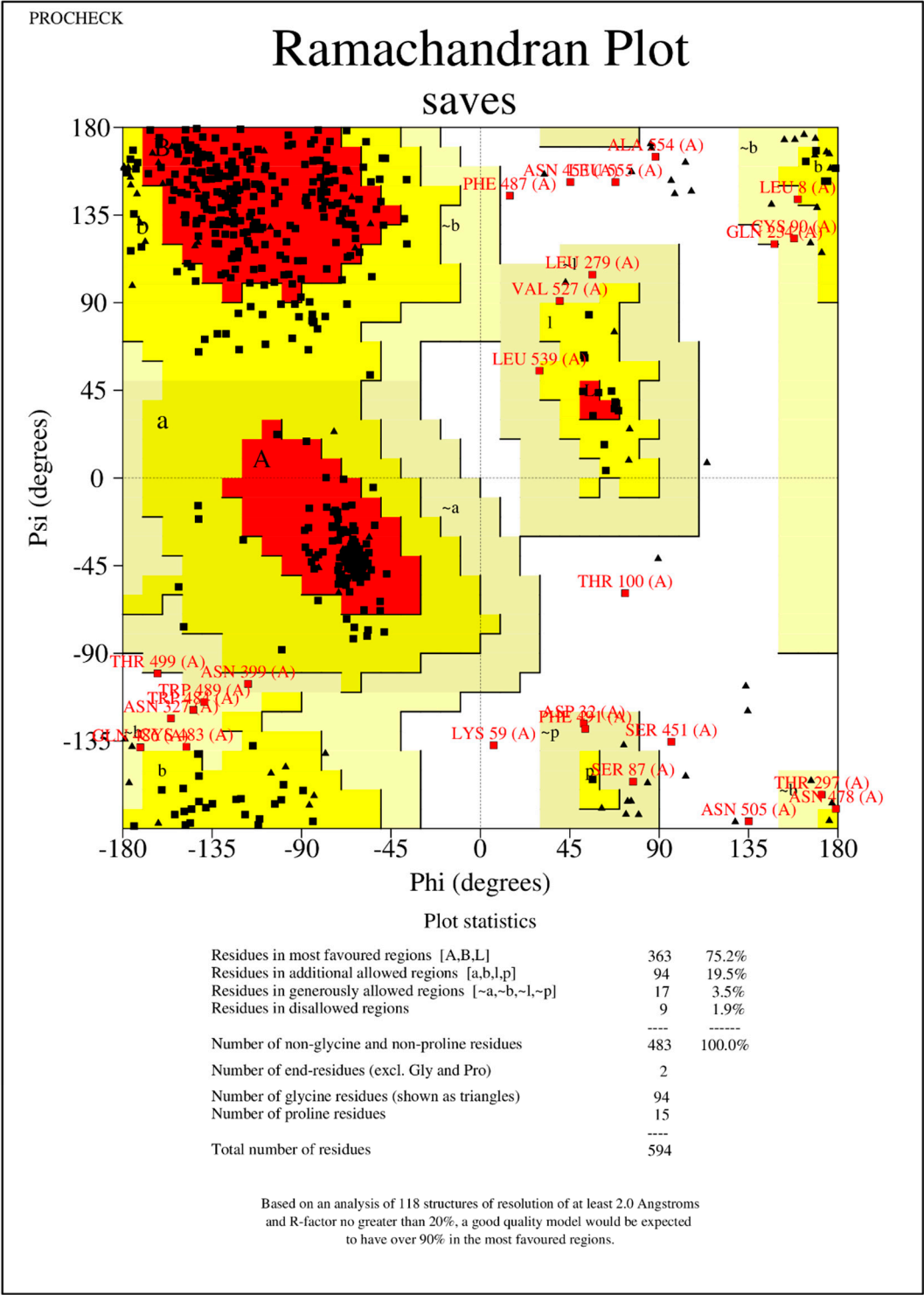
saves_01.ps

2. G protein couple receptor



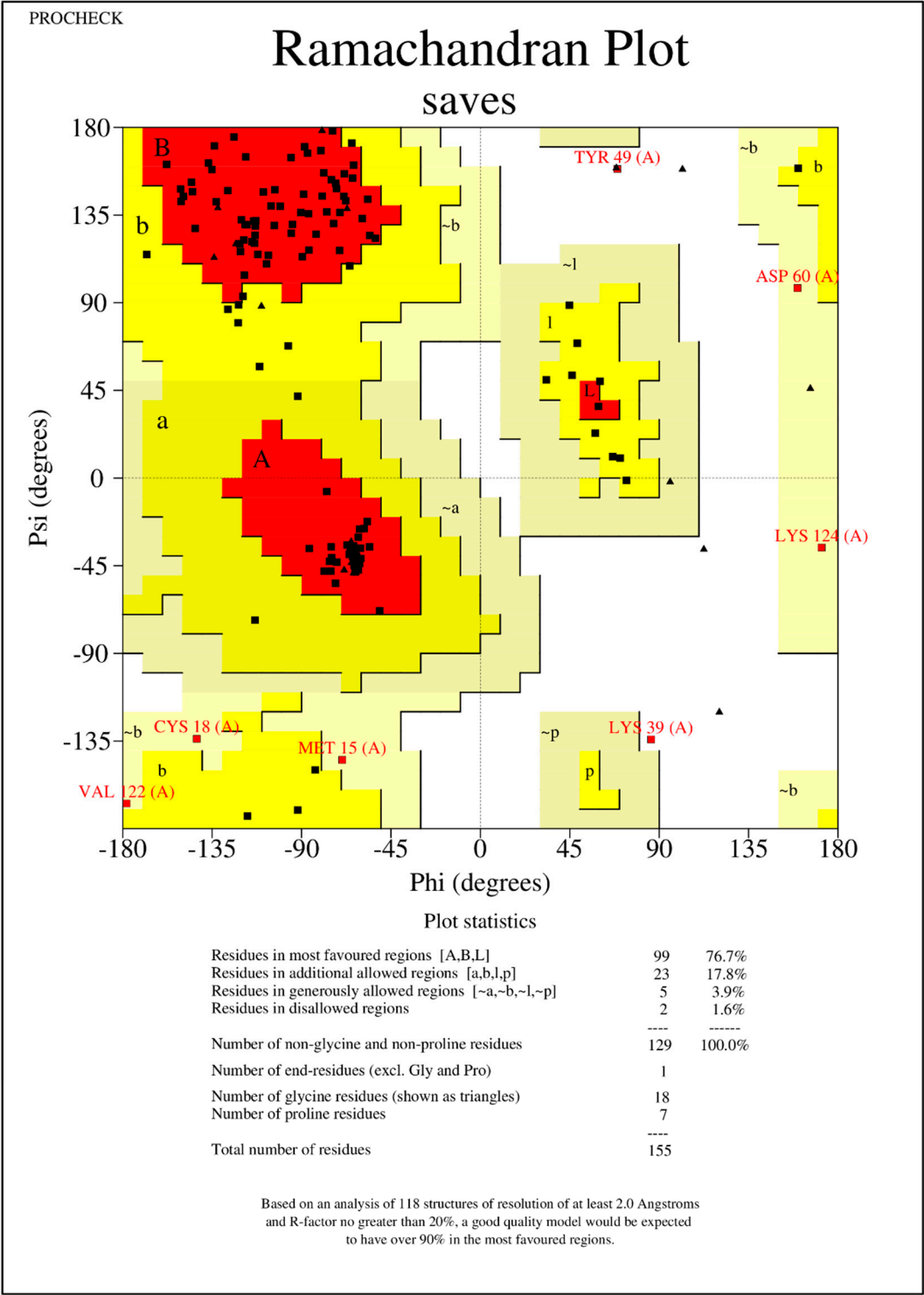
saves_01.ps

3. Endoglucanase



saves_01.ps

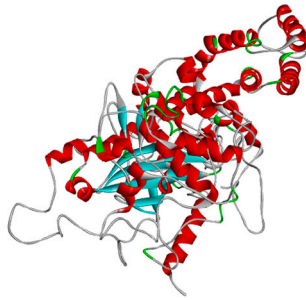
4. Pectate lyase



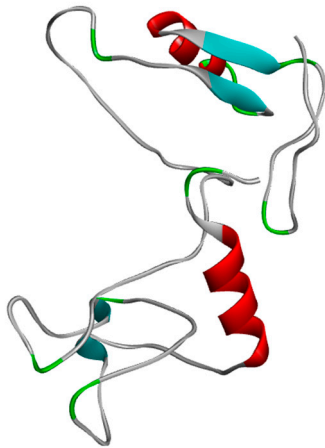
saves_01.ps

II. Developed protein models for molecular docking studies

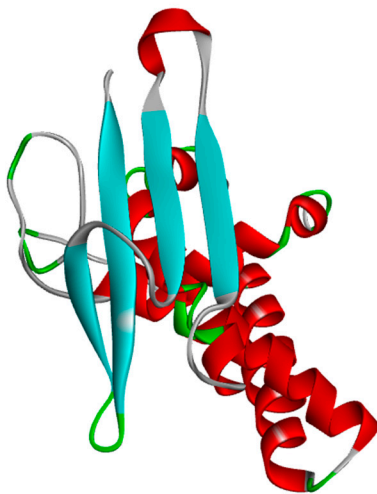
a. G Protein receptor kinase



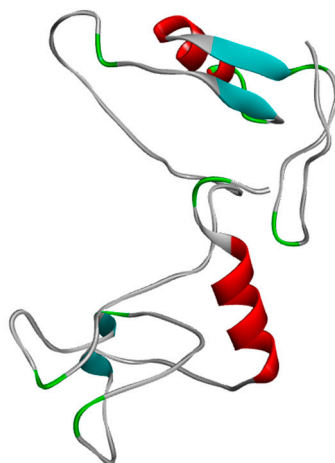
b. Beta 1,4 endoglucanase



c. Phospholipase

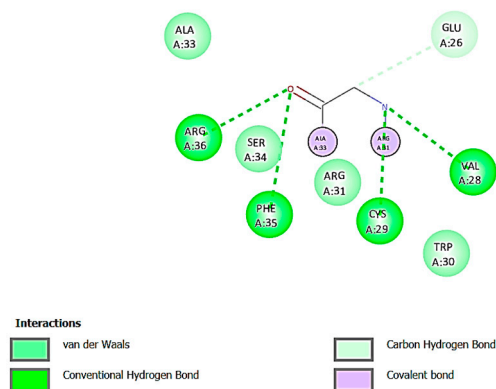


d. Pectate lyase

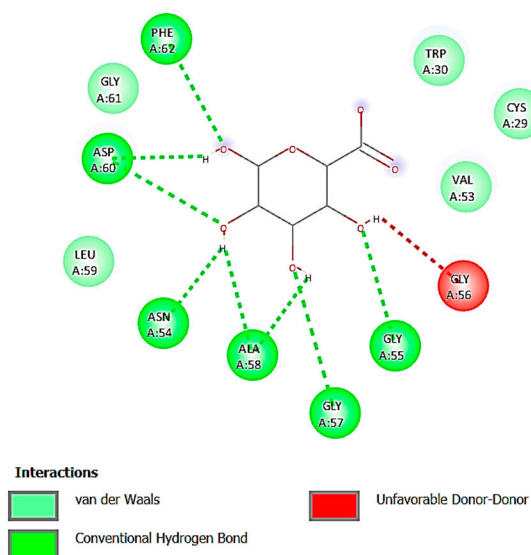


III. Binding affinity (kcal/mol) Of small molecules on different virulent proteins of *M. graminicola*

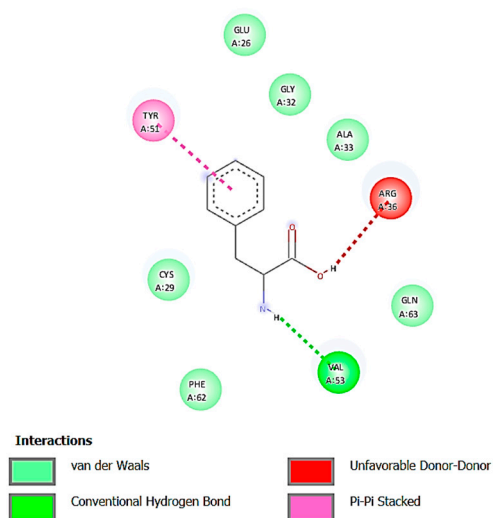
a. Pectate lyase vs 4-O-Beta-D-Galactopyranosyl-Alpha-D-Glucopyranose



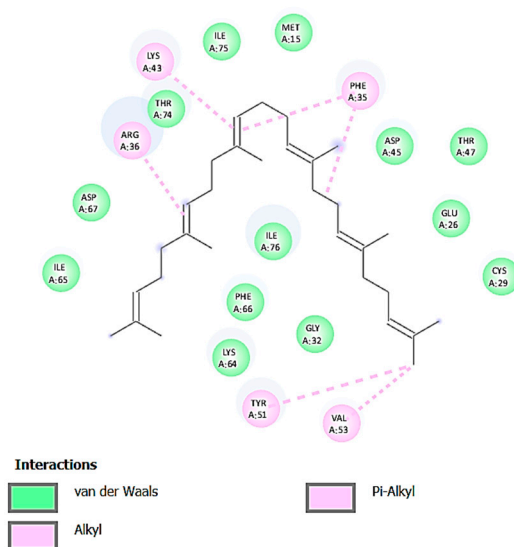
b. Pectate lyase vs Beta-D-Galacturonic Acid



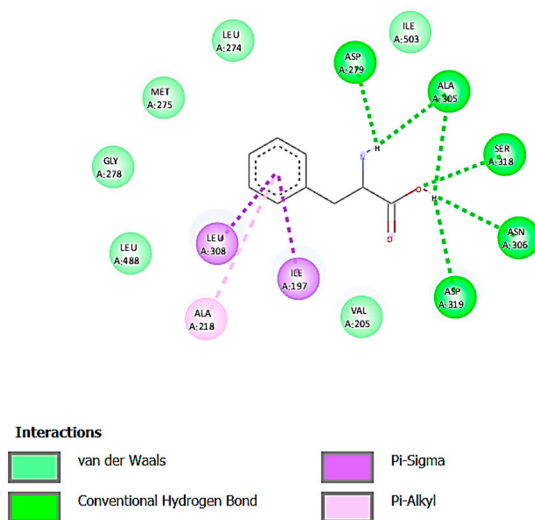
c. Pectate lyase vs (2S)-2-amino-3-phenylpropanoic acid



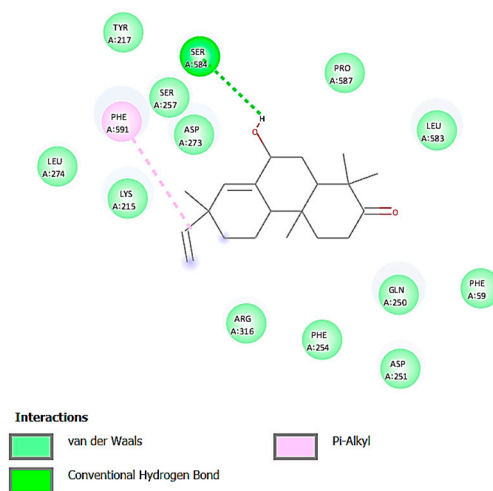
d. Pectate lyase vs 2,6,10,15,19,23-hexamethyltetracosane



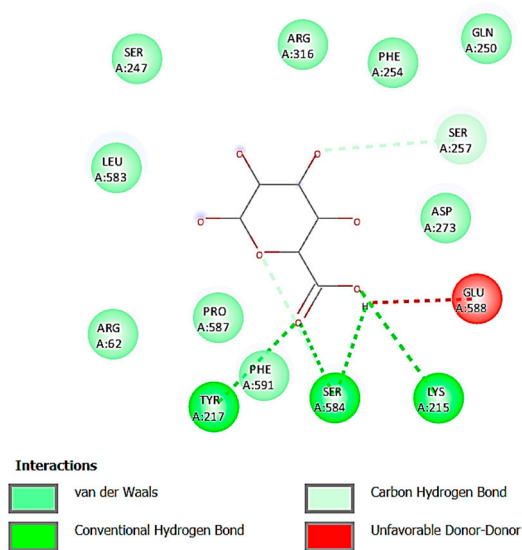
e. G Protein kinase vs (2S)-2-amino-3-phenylpropanoic acid



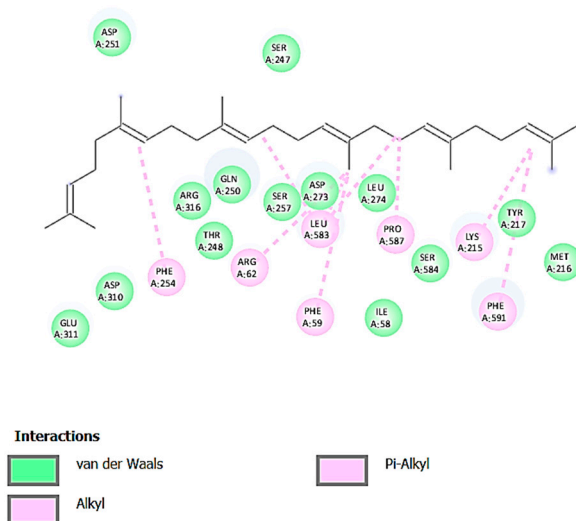
f. G Protein kinase vs 4-O-Beta-D-Galactopyranosyl-Alpha-D-Glucopyranose



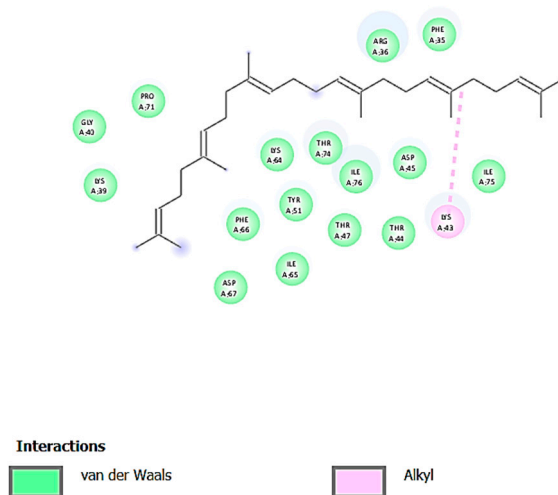
g. G Protein kinase vs Beta-D-Galacturonic Acid



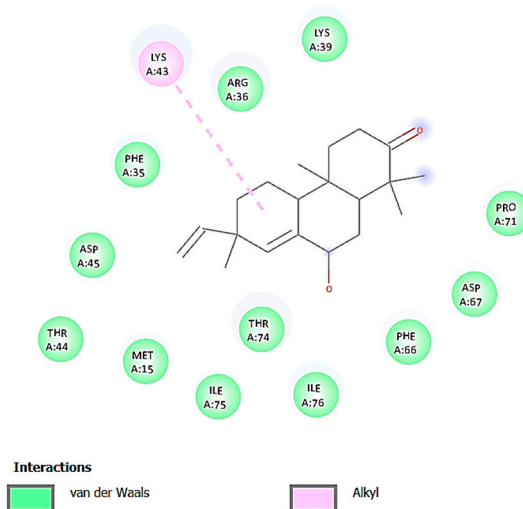
h. G Protein kinase vs 2,6,10,15,19,23-hexamethyltetracosane



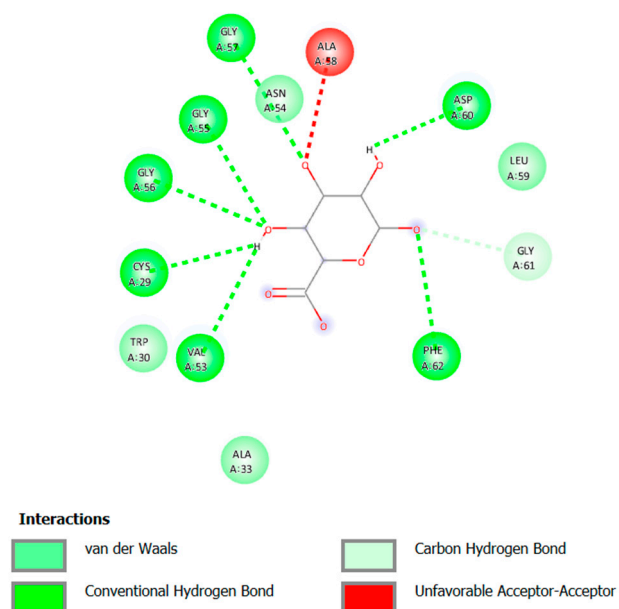
i. b-1,4-endoglucanase vs 2,6,10,15,19,23-hexamethyltetracosane



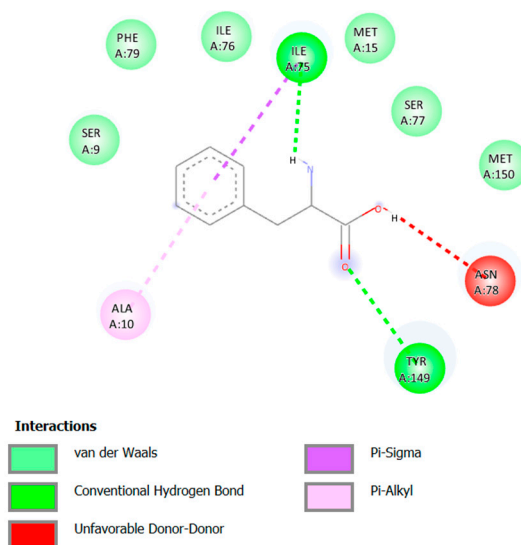
j. b-1,4-endoglucanase vs (2S)-2-amino-3-phenylpropanoic acid



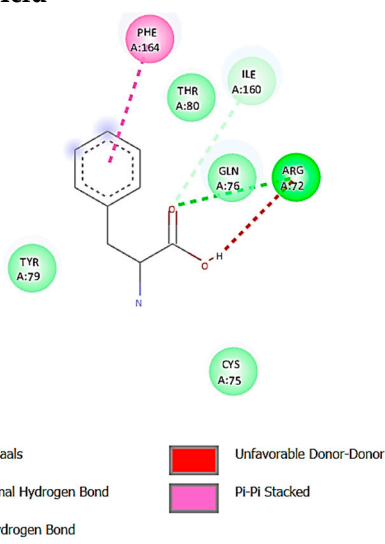
k. b-1,4-endoglucanase vs 4-O-Beta-D-Galactopyranosyl-Alpha-D-Glucopyranose



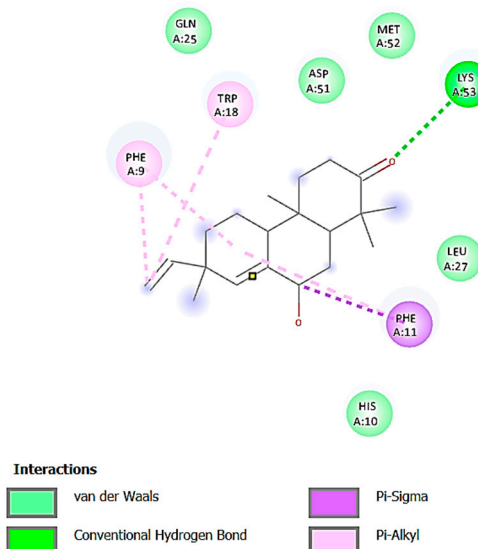
l. b-1,4-endoglucanase vs Beta-D-Galacturonic Acid



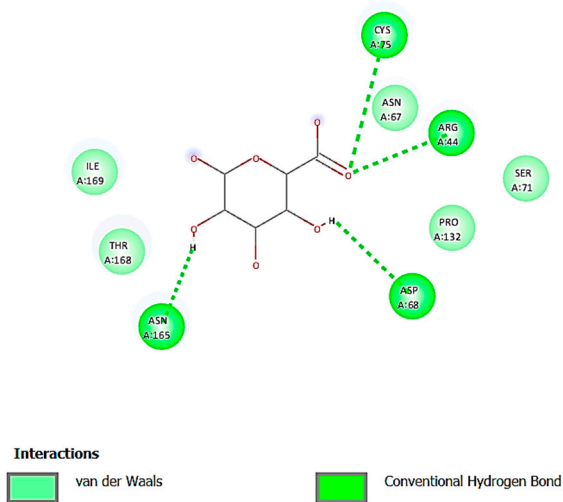
m. Phospholipase vs Beta-D-Galacturonic Acid



n. Phospholipase vs (2S)-2-amino-3-phenylpropanoic acid



o. Phospholipase vs 4-O-Beta-D-Galactopyranosyl-Alpha-D-Glucopyranose



p. Phospholipase vs 2,6,10,15,19,23-hexamethyltetracosane

