

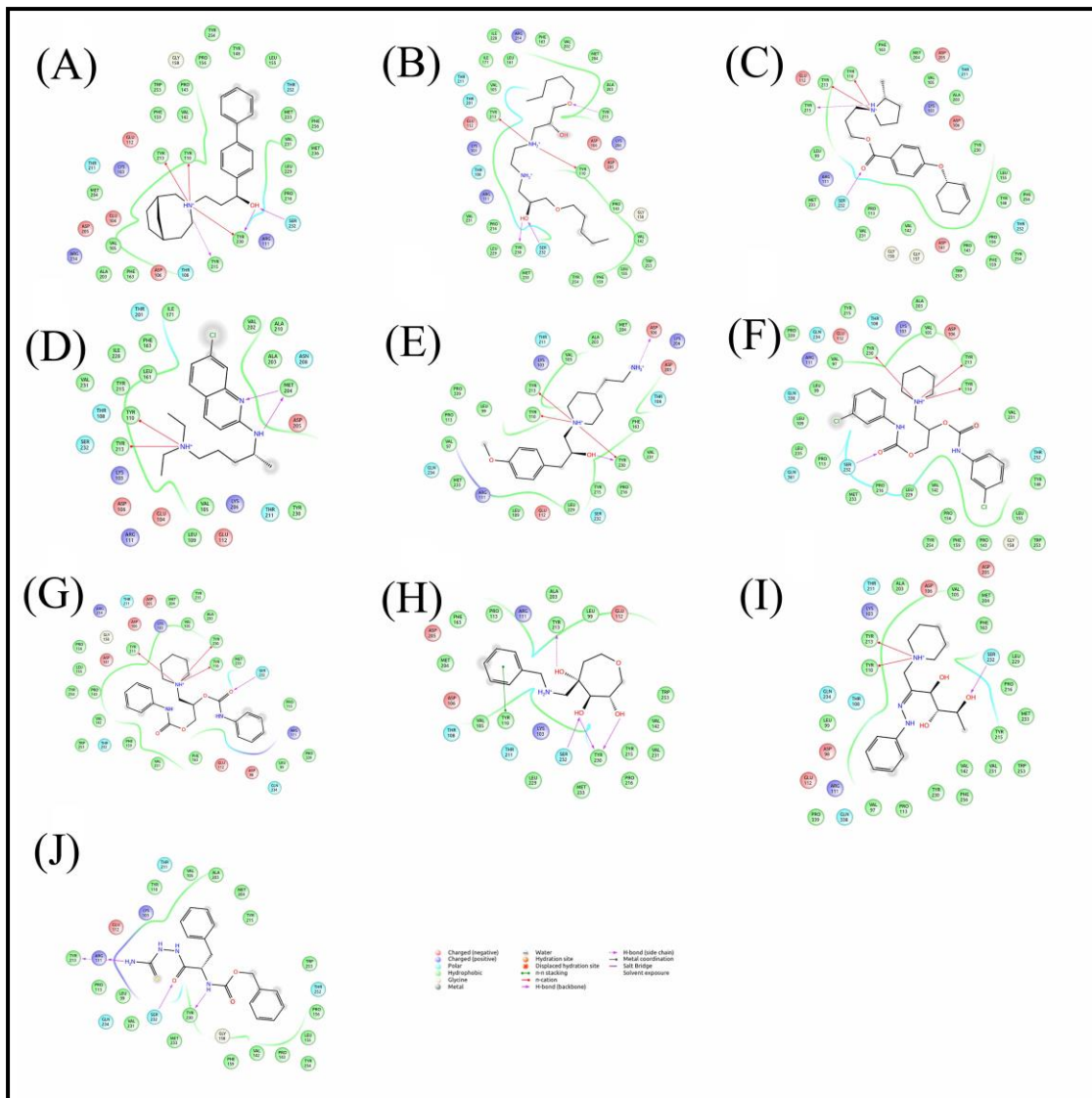
SUPPLEMENTARY INFORMATION

Multilevel Precision-Based Rational Design of Chemical Inhibitors Targeting the Hydrophobic Cleft of *Toxoplasma gondii* Apical Membrane Antigen 1 (AMA1)

**Umashankar Vetrivel^{1*}†, Shalini Muralikumar^{1†}, Mahalakshmi B², Lily Therese K²,
Madhavan HN², Mohamed Alameen¹, Indhuja Thirumudi¹**

¹Centre for Bioinformatics, Kamalnayan Bajaj Institute for Research in Vision and Ophthalmology, Vision Research Foundation, Sankara Nethralaya, Chennai 600-006, India,

²L&T Microbiology Research Centre, Kamalnayan Bajaj Institute for Research in Vision and Ophthalmology, Vision Research Foundation, Sankara Nethralaya, Chennai 600-006, India



Supplementary Fig. 1. (A–J) The docked complex showing ligand binding interactions with hydrophobic cleft residues of apical membrane antigen 1.