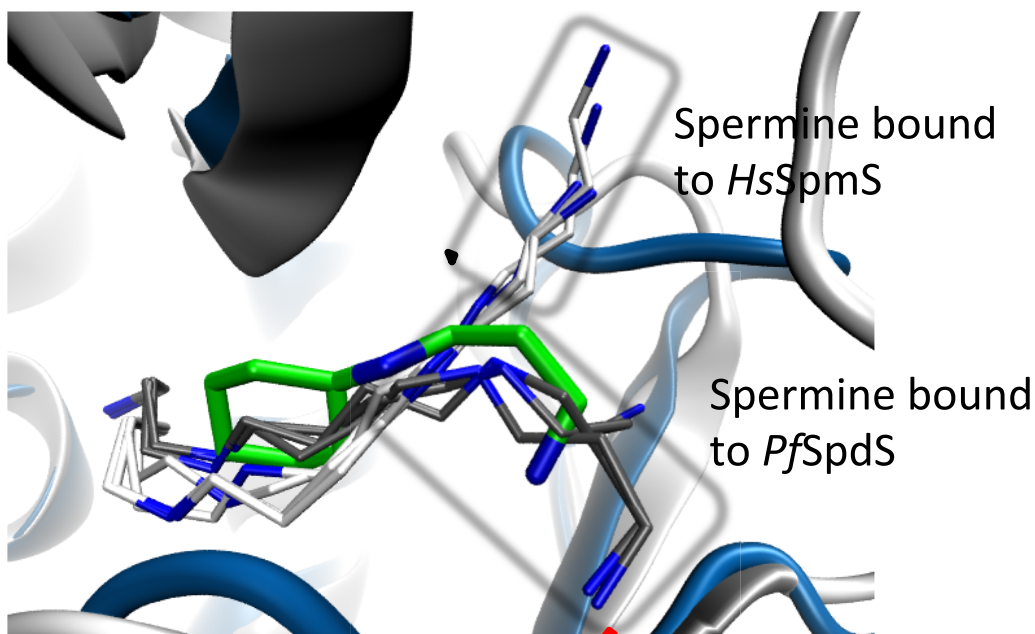


Additional Information: A novel inhibitor of *P. falciparum* spermidine synthase: a twist in the tail



Additional file 6 Superimposition of the human spermine synthase (grey ribbon) and *PfSpdS* (blue ribbon). The black box highlights the binding cavity occupied by spermine (white sticks) co-crystallized within the human spermine synthase [PDB:3C6M]. The red box highlights a distinct binding cavity that the aminopropyl chain of spermine (grey sticks) occupies when co-crystallized with MTA in *PfSpdS* [PDB:3B7P]. The aminopropyl chain of compound 9 (green sticks) when docked into *PfSpdS* [PDB:2I7C] binds in the same cavity as spermine. The slight deviation of orientation of the aminopropyl chains in *PfSpdS* is due to the different PDB structures used in docking [PDB:2I7C].