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Supporting information for article:

Three-dimensional structures of *Plasmodium falciparum* spermidine synthase with bound inhibitors suggest new strategies for drug design

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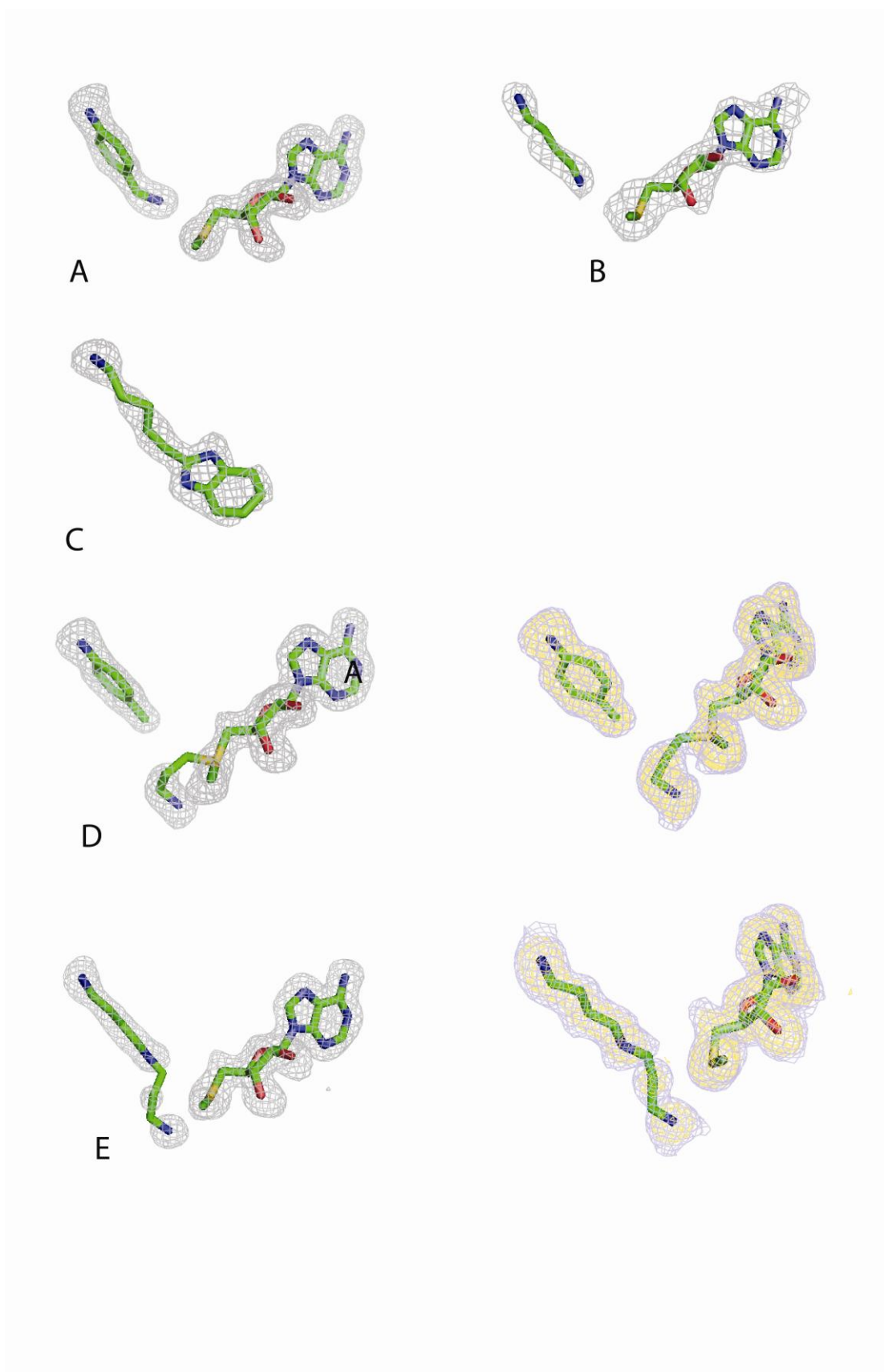


Figure S1 Simulated annealing Fo-Fc OMIT maps of ligands on complex with *PfSpdS*. The simulated annealing Fo-Fc ligand OMIT maps are shown as grey mesh at 3σ , carve= 2 \AA .

The ligands are presented as stick models (nitrogen atoms blue, oxygen red, carbon green, and sulfur yellow). Chain C is used in all cases: **A.** 4AMA:MTA **B.** Putrescine:MTA **C.** BIPA **D.** 4MAN:dcAdoMet. To better visualize the electron density around the flexible aminopropyl group the maps are shown at different σ levels. The left figure shows the Fo-Fc ligand OMIT map as grey mesh at 3σ ; in the right figure grey mesh is shown at 2.5σ and yellow mesh at 3σ **E.** Spermidine:MTA The contour level for the maps in the left and right figures as described above for figure D.