Supporting Information to

COMPARATIVE PROTEIN MODELING OF 1-DEOXY-D-XYLULOSE-5-
PHOSPHATE REDUCTOISOMERASE ENZYME FROM *PLASMODIUM*
FALCIPARUM: A POTENTIAL TARGET FOR ANTIMALARIAL DRUG
DISCOVERY

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Figure S1. The evaluation of the DXR modeled structure by PROFILE 3D program.

Figure S2. The chemical structures of inhibitors used for docking studies along with their DXR inhibitory activity and GOLD scores.

pIC₅₀ 4.00
GOLD score 25.79

pIC₅₀ 5.15
GOLD score 38.80

pIC₅₀ 5.74
GOLD score 45.49

pIC₅₀ 5.77
GOLD score 48.85

pIC₅₀ 5.18
GOLD score 41.51

pIC₅₀ 6.15
GOLD score 52.82

pIC₅₀ 4.39
GOLD score 26.50

pIC₅₀ 4.62
GOLD score 36.24

pIC₅₀ 5.77
GOLD score 48.85

pIC₅₀ 7.55
GOLD score 58.09

pIC₅₀ 5.18
GOLD score 38.60

pIC₅₀ 6.19
GOLD score 49.86

pIC₅₀ 5.63
GOLD score 43.84

pIC₅₀ 7.27
GOLD score 51.27

pIC₅₀ 6.59
GOLD score 53.58

pIC₅₀ 4.30
GOLD score 25.53

pIC₅₀ 7.70
GOLD score 53.53

pIC₅₀ 7.19
GOLD score 52.17

pIC₅₀ 4.80
GOLD score 34.56

pIC₅₀ 5.19
GOLD score 38.36