A — NP_004609.1 DNA topoisomerase 3-alpha isoform 1 [*Homo sapiens*] (Y-axis, lcl|Query_61501 … 61503 … 642) vs XP_001350185.1 DNA topoisomerase 3 [*Plasmodium falciparum* 3D7] (X-axis, 150–708). E value : 9e-94

B — NP_003277.1 DNA topoisomerase 1 [*Homo sapiens*] (Y-axis, lcl|Query_16807 … 16809 … 765) vs XP_001351663.1 topoisomerase IB [*Plasmodium falciparum* 3D7] (X-axis, 300–839). E value : 3e-103

C — NP_001058.2 DNA topoisomerase 2-alpha [*Homo sapiens*] (Y-axis, lcl|Query_44959 … 44961 … 1,179) vs XP_001348490.1 DNA topoisomerase 2 [*Plasmodium falciparum* 3D7] (X-axis, 300–1,198). E value : 0

D — NP_036576.1 SPO11 isoform a [*Homo sapiens*] (Y-axis, lcl|Query_179955 … 179957 … 342) vs XP_001350573.2 SPO11 [*Plasmodium falciparum* 3D7] (X-axis, 100–275). E value : 5e-35

Supplementary Figure S1: Dot Plot showing the sequence comparison between *Plasmodium* topoisomerases with its human ortholog: Each dot matrix represents *Plasmodium falciparum* 3D7 sequence A) *Plasmodium* TopoIII B) *Plasmodium* TopoIB C) *Plasmodium* TopoII and D) *Plasmodium* Spo11 on the X-axis and the sequence of *Homo sapiens* ortholog on the Y-axis. The alignments in the plots are shown as lines. The number of alignments found in BLAST is same as the number of lines present in each plot. The E value for each analysis is presented.