

Alignment of sequences of the block 10 of PvMSP-1 found in parasites infecting 41 patients. Five sequences (I, II, III, VI and VIII corresponding to 73% of all sequences) are identical to the sequences of recombinant antigens used in serology (BR07, BP13, BP29, BP01, BP39, respectively). Sequences IV and V are quite similar to BP29 antigen (74.0% and 67.1% of amino acid similarity, respectively), whereas VII sequence has 63.7% of identity with BP01 antigen.

	10	20	30	40	50	60	70	80	90
I	ST SVA	VTVP GAVVPG	VP TAAAAGS GASGAVP	PAT GPGAAA	GS TEENVAAK				
II	ST SVA	VTVP GAVVPG	VP TAAAAGS GASGAVPPA GSV	PAT GPGAAA	GS TEENVAAK				
III	ST SVA	VTVP GAVVPG	VP TAAAAGS GASGAVPPAAAAGS GAS GAVP	PAGGPSPPAT GG VVP G	VVESAEAQ TKAQ				
IV	ST SVA	VTVP GAVVPG	VP TAAAAGS GASGAVPPA GGPSPPAT	GG VVP G	VVESAEAQ TQTQ				
V	ST SVA	VTVP GAVVPG	VP TAAAAGS GASGAVPPA GGPSPPAT	GG VVP GG VVP GG VVP GG VVESAEAQ TQTQ					
VI	GA SAPAAAA	VTVP GA GVPAAA AVT	VP GA GVPAA	GV VPGA	PA	GAA	PAGA APAGAA	PS APGAQEQTQTQ	
VII	GA SAPAAAA	VTVP GA GVPAA GAGV	VP GAAAAG VVPGA SAAG VVPGA	PA	GAA	PS APGAQEQTQTQ			
VIII	GA ST TAA TLPVTVPSA	VPG GLPGAGVP GAAA	GL TPP	PPA GSV	PAT GPGAAA	GS TEENVAAK			