

Table 1. Amino acid sequence of the chimeric constructs at the 24 polymorphic differences between 3D7 and FVO AMA-1

AA No.	95	167	175	187	190	196	197	200	204	206	225	242	243	267	275	282	283	285	300	302	308	320	330	332	337	404	409, 418	439	443	451	
3D7	S	T	Y	E	M	D	E	H	D	K	I	D	K	E	I	S	Q	K	Q	Q	P	I	T	T	T	N	M				
FVO	P	K	D	N	I	N	G	D	N	E	N	Y	N	Q	K	L	E	E	E	E	S	N	R	R	R	H	K				
D1	P	K	D	N	I	N	G	D	N	E	N	Y	N	Q	K	L	E	E	E	E	S	N	R	R	R	H	K				
D2																					E	S	N	R	R	H	K				
D3																					E	S	N	R	R	H	K				
D2+3																					E	S	N	R	R	H	K				
C1				N	I	N	G	D	N	E	N																				
C2												Y	N			K	L	E													
C3			D											Q																	
C1-L					N	I	N	G	D	N	E																				
C1+C2				N	I	N	G	D	N	E	N	Y	N			K	L	E													

Dom-1 Dom-2 Dom-3
 Amino acid number is shown in horizontal text; position of the 16 inter-species conserved cysteines are shown in yellow cells and vertical blue text.