Table 10. Strict analysis of high- and low rosetting

Seed-motifs	Number of contigs	Number of isolates represented	High RR	Low RR	Motifs of PfEMP1s of In vitro propagated parasites	Seed id	P	Skew
H1-RYSANI	5	6	5	1		Contig1083_116_121	0,032	0,780
H2-TCAAKV	9	10	7	3		Contig1293_106_111	0,040	0,580
H3-DKVEKG	13	17	11	6	Var0	Contig1339_42_47	0,021	0,490
L4-NNGKDK	7	7	0	7	TM284S2	Contig1108_20_25	0,032	-1,000
L2-NYFKPA	15	15	2	13		Contig1404_122_127	0,022	-0,600
L3-FKNIYDNL	22	22	4	19		Contig1306_60_67	0,023	-0,490
L1-DSIKTH	34	34	6	28	MCvar1o2, FCR3S1.2	Contig1361_1_6	0,005	-0,490
L5-TGSTIC	92	96	29	67	MCvar1o2, TM284S2	Contig939_15_20	0,027	-0,180

Amino-acid motifs found present in assembled var-contigs translated into amino-acids of fresh isolates obtained from Ugandan children as a function of the rosetting rate (RR) of the infected erythrocytes. See also M&M. The analysis was strict ie. only motifs from the same alignment region of DBL1alpha were considered.