
Table 6. Motif list, cerebral malaria, strict parameters

1	2	3	4
Seed contig1173_39_44 - 20 members			
Contig1173	39	44	DNKKDK
Contig1372	38	43	GDNGKD
Contig1299	47	52	SENKRE
Contig1141	38	42	PNKDD
Contig1408	38	42	PNKDD
Contig993	38	42	PNKDD
Contig1378	58	62	DNLKD
Contig1426	58	62	DNLKD
Contig1115	58	62	DNLKD
Contig899	30	34	DNLKD
Contig1382	58	62	DNLKD
Contig1118	19	24	RDSRTD
Contig1240	38	43	GNNETD
Contig995	38	41	PNEK
Contig1280	40	45	NDNDKV
Contig943	38	42	PNPQD
Contig1348	48	52	KNRRE
Contig1401	42	46	PNPED
Contig1403	56	60	DENLK
Contig1198	57	61	ENNLK
SE 5 CO 19 SEfraction 0.208 p 0.0247 + P 0.025817			
Seed contig1426_154_159 - 18 members			
Contig1426	154	159	GANAGK
Contig1115	150	155	GANAGK
Contig1325	146	149	GSNA
Contig722	110	114	ANAGK
Contig1293	141	145	SNAGK
Contig1230	144	147	GSNA
Contig1315	142	145	DGAN
Contig1375	146	149	KGAN
Contig1081	144	147	GANA
Contig1380	147	150	GANA
Contig1296	151	154	GANA
Contig768	143	146	GANA
Contig1135	115	118	EGAN
Contig997	138	141	DGAN
Contig1217	134	137	DGSN
Contig1213	151	154	GSNA
Contig1269	126	131	AGKNAD
Contig838	136	141	GAYANQ
SE 4 CO 14 SEfraction 0.222 p 0.0346 + P 0.038221			

Each motif is composed of a number of substrings from contigs. Motif lists commence with the seed contig, showing the location of the motif constituent substring within the contig, as well as the number of motif member substrings.

For example: Seed Contig1117_96_101 - 246 members

Column 1 states the name of the contig from which the motif constituent substring originates

Columns 2 and 3 provide start and end of motif in each contig

Column 4 shows the conceptual translation from the contig, constituent of the motif.

Following the motif constituent sequences is stated the fraction of cerebral malaria (SE) and non-cerebral malaria (CO) isolate dominant contigs in the motif, and the hypergeometrical p and P for the distribution, given the number of motif members and total numbers of severe and mild isolate dominants.