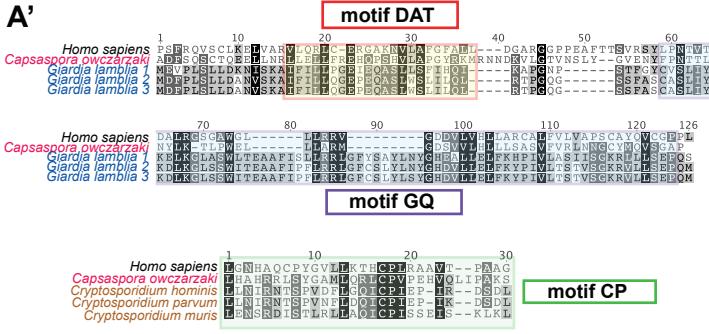


A

Capsaspora sp.
Piroplasmida
Eucoccidiorida
Trypanosomatida
Diplomonadida

A'

motif QFP

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

motif CP

motif CP

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

B**motif 1****motif 2****motif T**

motif 1

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

motif 2

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

(IV)QQRVxLQF**motif A**

motif A

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

motif B

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

Leishmania sp. specific

motif B

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

motif C

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

motif D

Homo sapiens
Capsaspora owczarzaki
Theileria parva
Theileria annulata
Babesia bovis
Cryptosporidium hominis
Cryptosporidium parvum
Cryptosporidium muris
Leishmania braziliensis
Leishmania infantum
Leishmania major Friedlin
Trypanosoma brucei brucei
Trypanosoma cruzi 1
Trypanosoma cruzi 2
Giardia lamblia 1
Giardia lamblia 2
Giardia lamblia 3

motif E