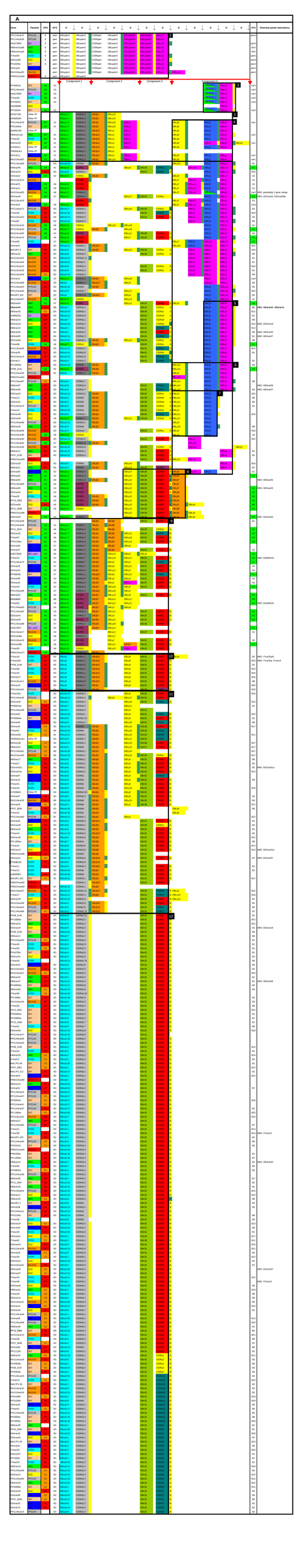
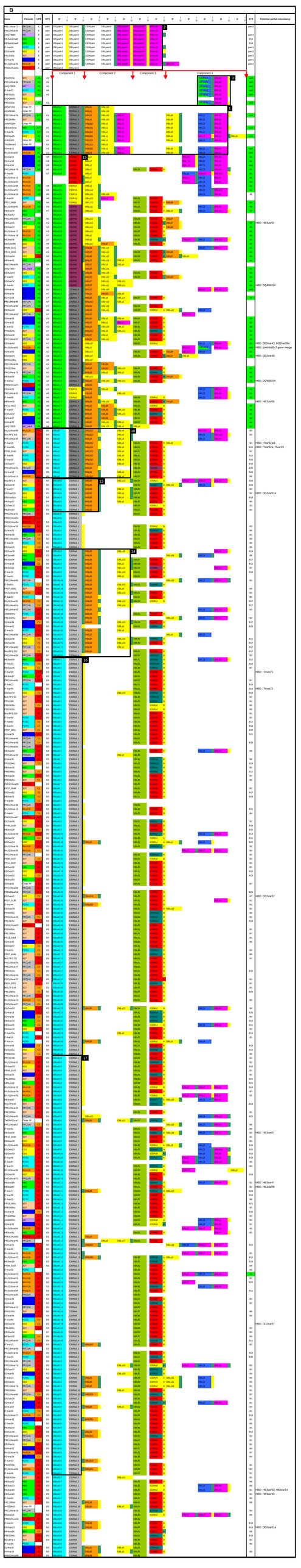

A
Gene
Parasite
GPS
NTS
ATS
Potential partial redundancy
Component 1
Component 2
Component 3
Component 4


B
Gene
Parasite
UPS
NTS
ATS
Proximal partial redundancy
Component 1
Component 2
Component 3
Component 4
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
HBD: H3Dvar03
HBD: DD2var43, DD2var06a
HBD: pseudoallele 2 gene merge
HBD: DD2var40
HBD: H3Dvar104
HBD: H3Dvar105
HBD: DD2var01a
HBD: IT4var21
HBD: IT4var21
HBD: DD2var07
HBD: H3Dvar07
HBD: H3Dvar47
HBD: H3Dvar39
HBD: DD2var07
HBD: DD2var01a