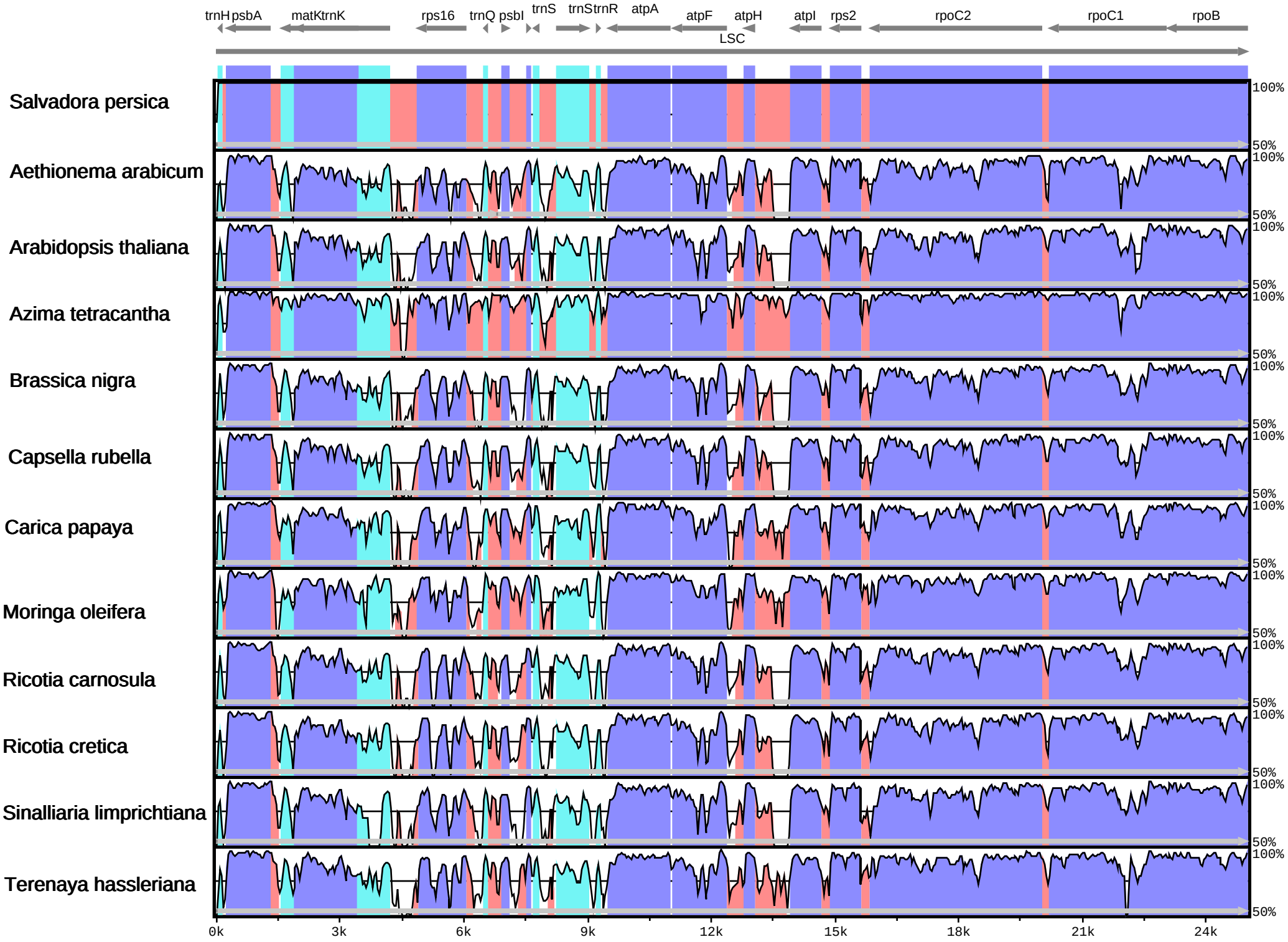
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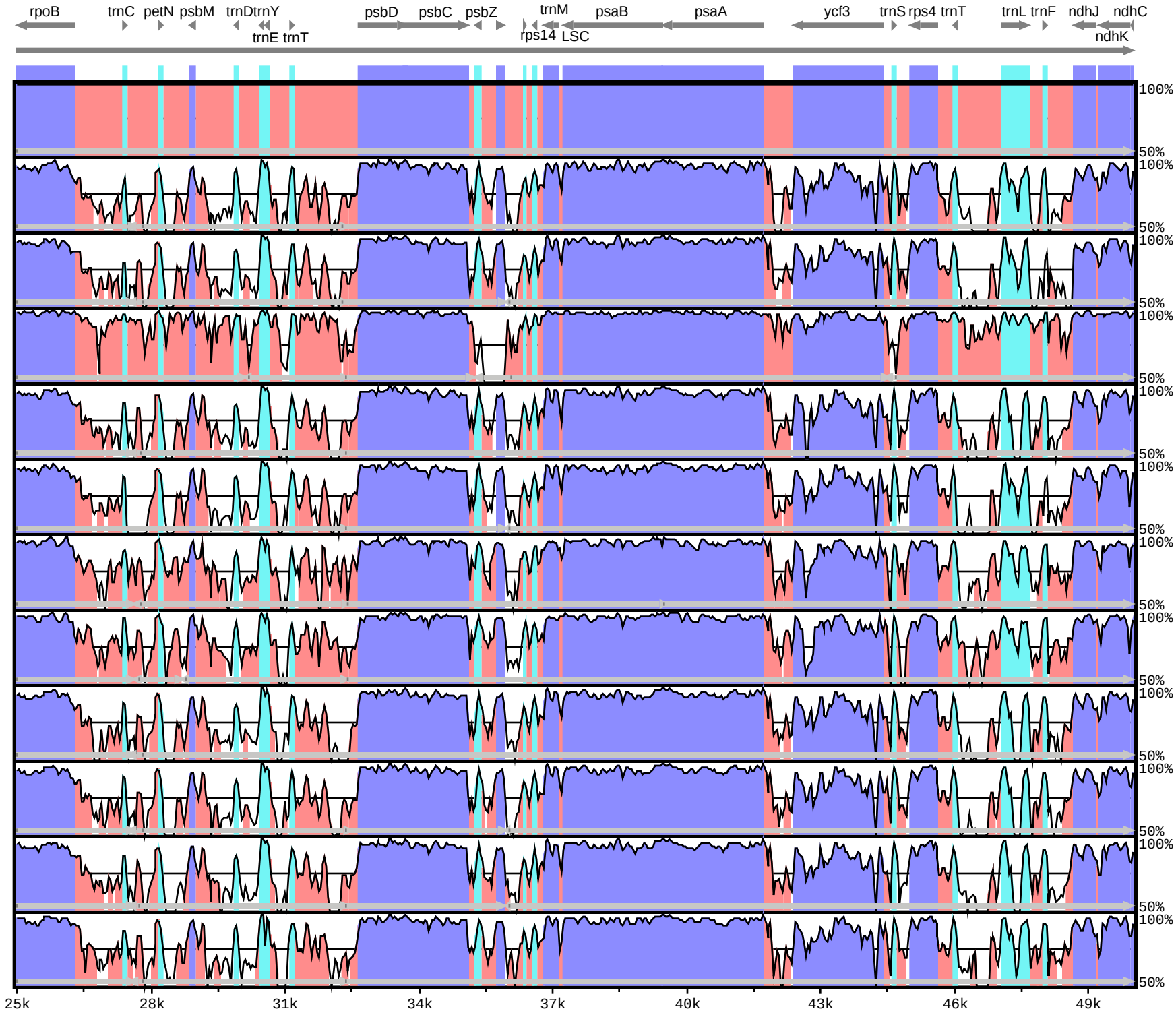
rps16
trnQ psbI
trnS
trnStrnR
atpA
atpF
atpH
atpI
rps2
rpoC2
rpoC1
rpoB
LSC
Salvadora persica
Aethionema arabicum
Arabidopsis thaliana
Azima tetracantha
Brassica nigra
Capsella rubella
Carica papaya
Moringa oleifera
Ricotia carnosula
Ricotia cretica
Sinalliaria limprichtiana
Terenaya hassleriana
100%
50%
0k
3k
6k
9k
12k
15k
18k
21k
24k


rpoB
trnC
petN
psbM
trnD
trnY
trnE
trnT
psbD
psbC
psbZ
trnM
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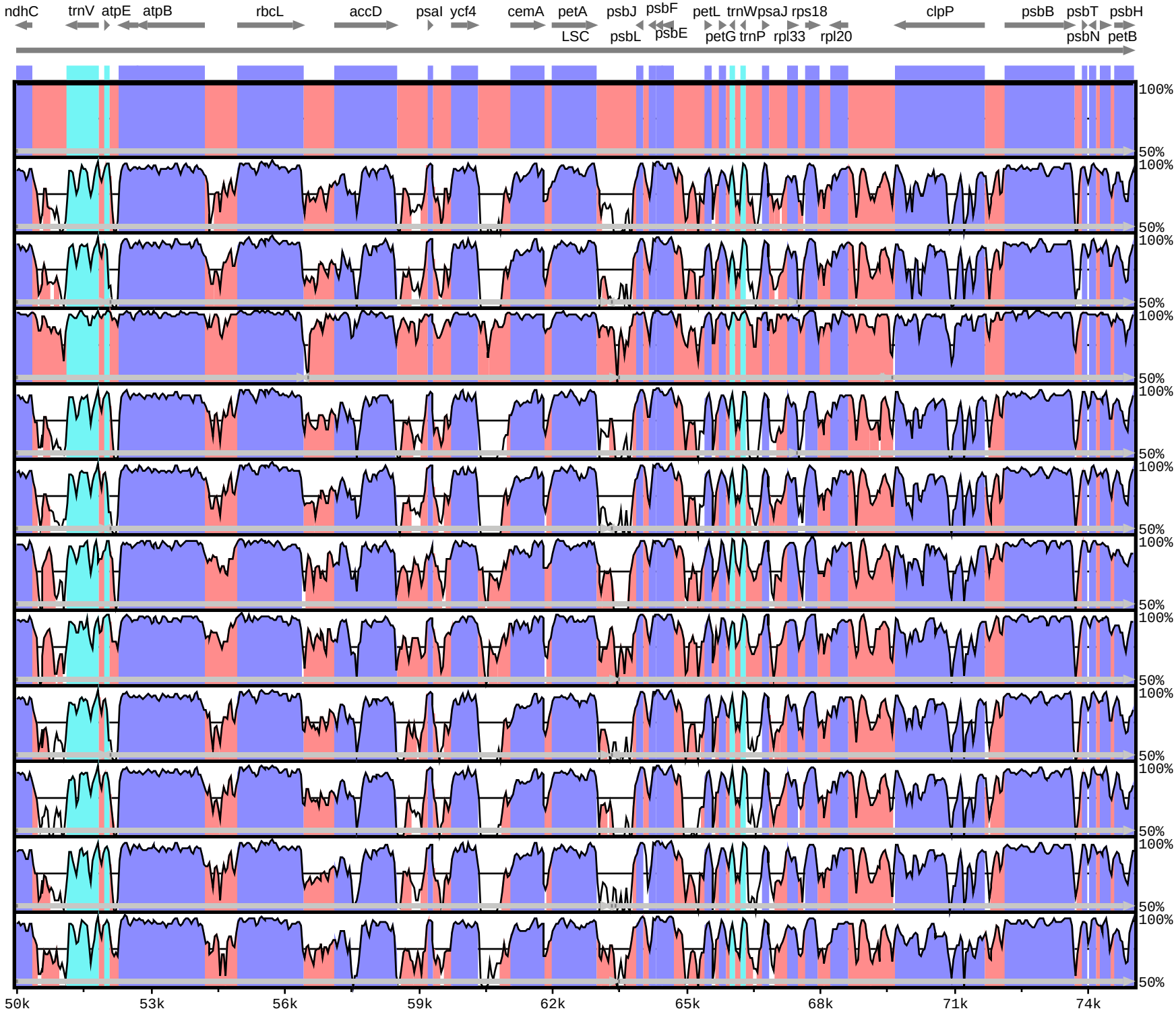
psaB
LSC
psaA
ycf3
trnS
rps4
trnT
trnL
trnF
ndhJ
ndhC
ndhK
100%
50%
25k
28k
31k
34k
37k
40k
43k
46k
49k


ndhC
trnV
atpE
atpB
rbcL
accD
psaI
ycf4
cemA
petA
psbJ
psbF
petL
trnW
psaJ
rps18
clpP
psbB
psbT
psbH
LSC
psbL
psbE
petG
trnP
rpl33
rpl20
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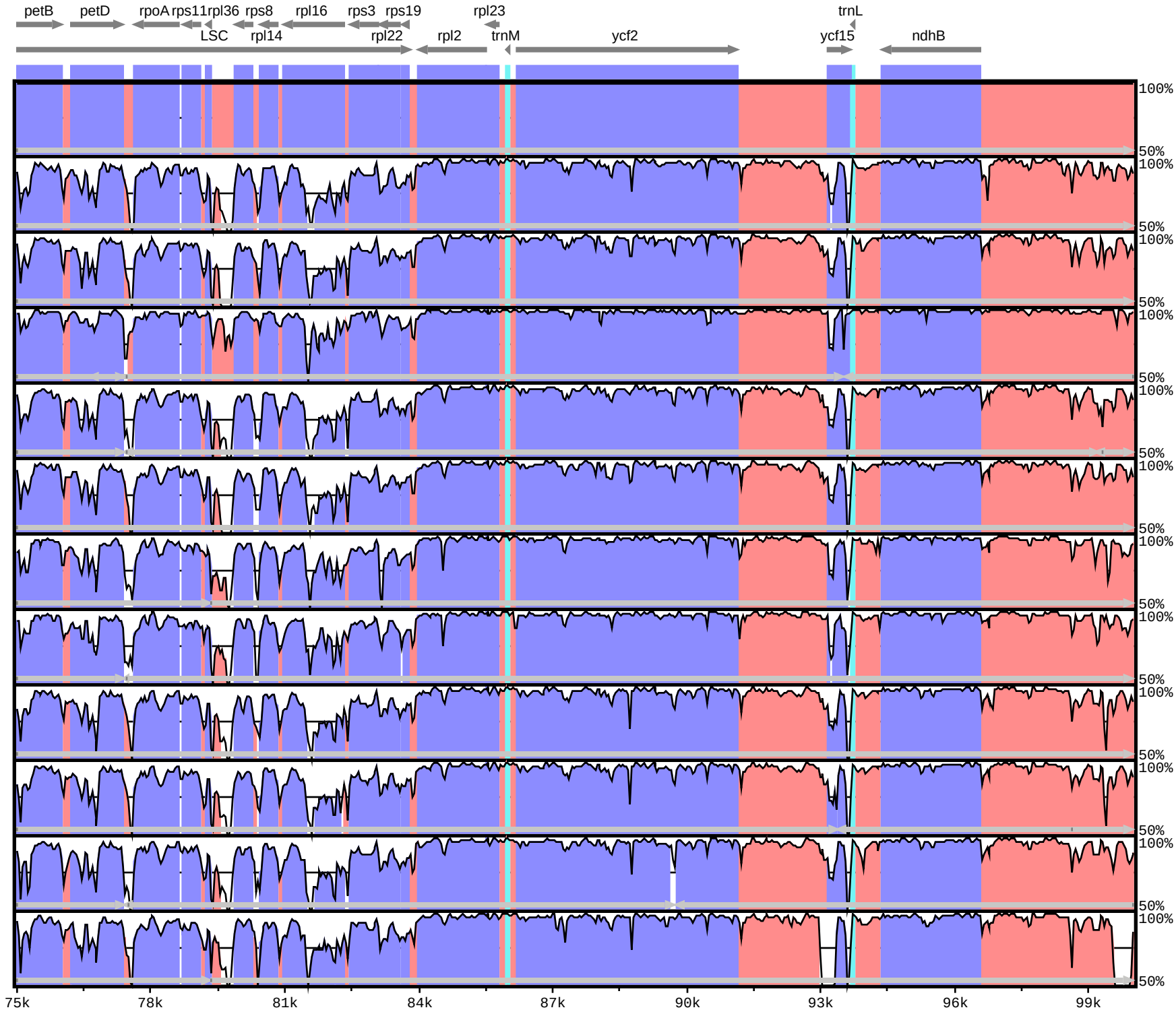
petB
100%
50%
50k
53k
56k
59k
62k
65k
68k
71k
74k


petB
petD
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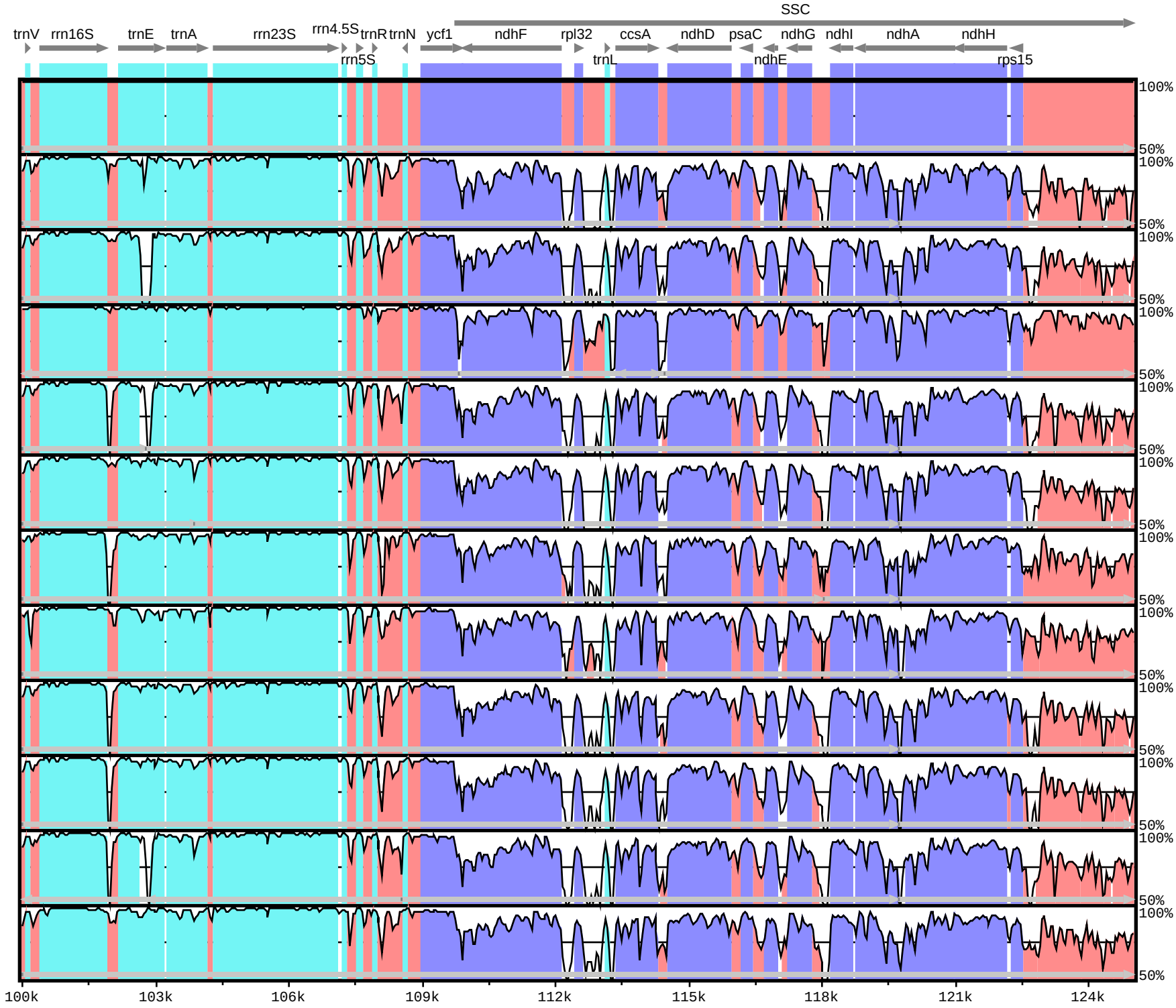
rps11
rpl36
rps8
rpl16
rps3
rps19
rpl23
trnL
LSC
rpl14
rpl22
rpl2
trnM
ycf2
ycf15
ndhB
100%
50%
75k
78k
81k
84k
87k
90k
93k
96k
99k


SSC
trnV
rrn16S
trnE
trnA
rrn23S
rrn4.5S
trnR
trnN
ycf1
ndhF
rpl32
ccsA
ndhD
psaC
ndhG
ndhI
ndhA
ndhH
rrn5S
trnL
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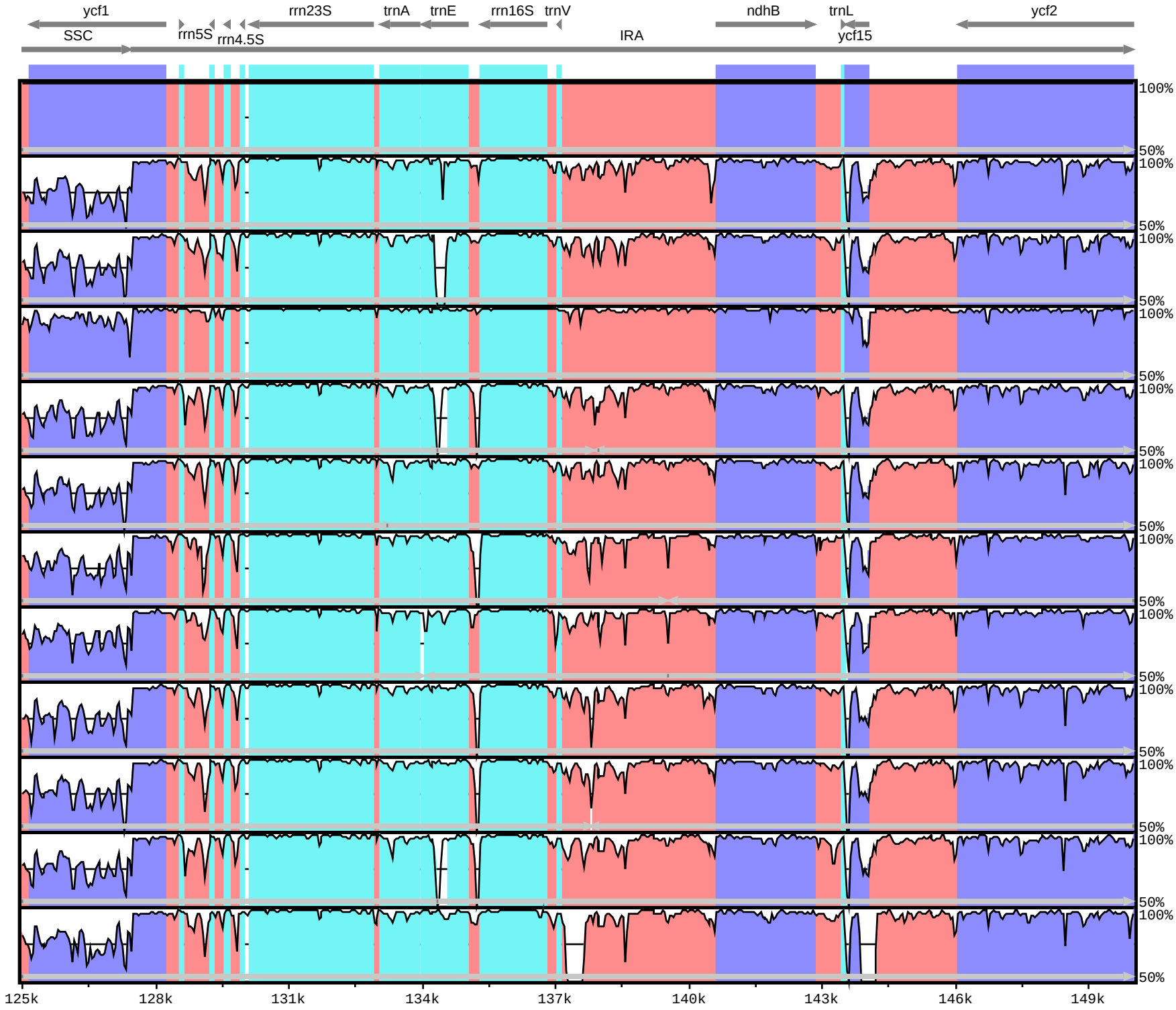
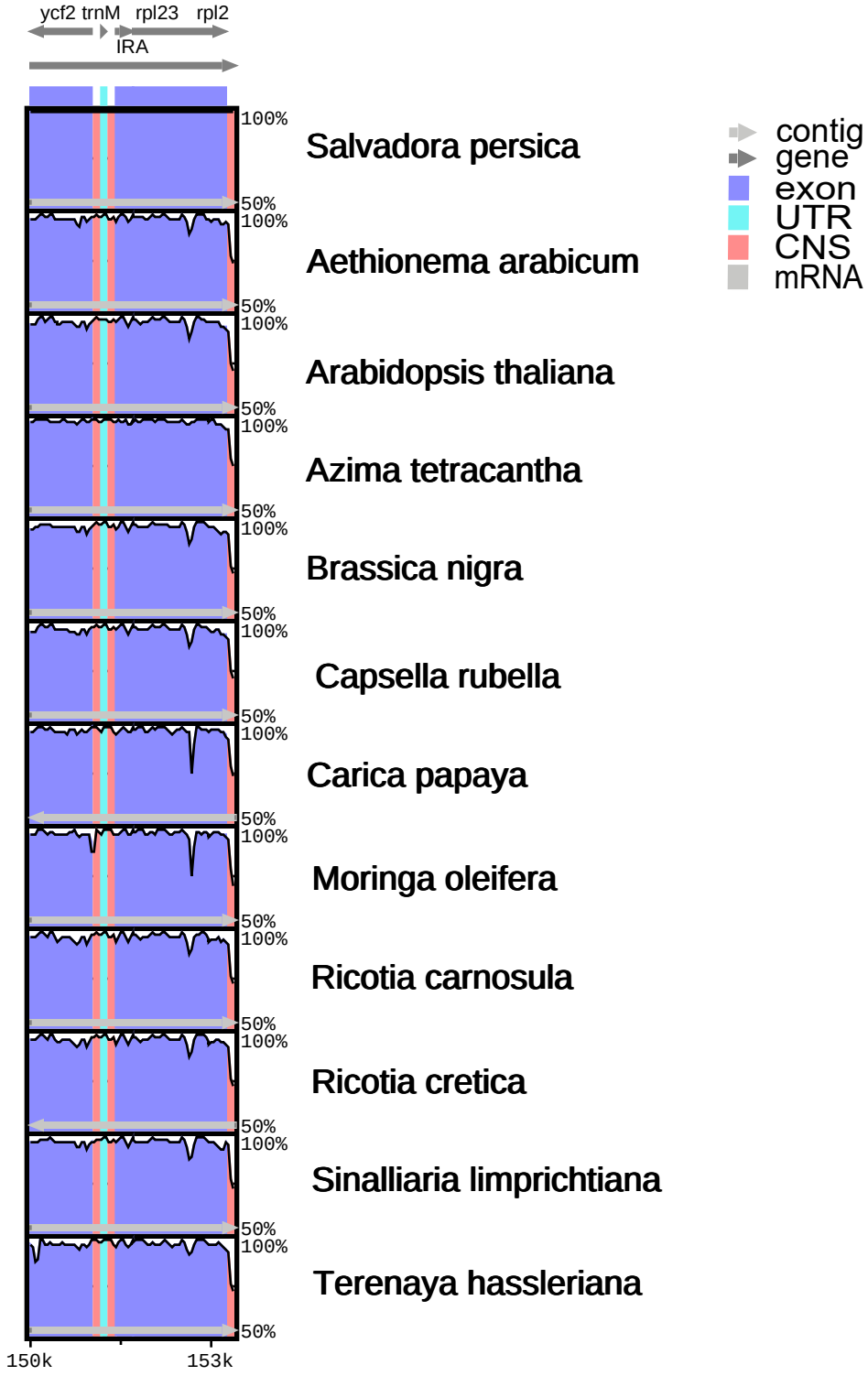
rps15
100%
50%
100k
103k
106k
109k
112k
115k
118k
121k
124k


ycf1
rrn23S
trnA
trnE
rrn16S
trnV
ndhB
trnL
ycf2
SSC
rrn5S
rrn4.5S
IRA
ycf15
100%
50%
125k
128k
131k
134k
137k
140k
143k
146k
149k


ycf2 trnM rpl23 rpl2
IRA
100%
50%
Salvadora persica
Aethionema arabicum
Arabidopsis thaliana
Azima tetracantha
Brassica nigra
Capsella rubella
Carica papaya
Moringa oleifera
Ricotia carnosula
Ricotia cretica
Sinalliaria limprichtiana
Terenaya hassleriana
150k
153k
contig
gene
exon
UTR
CNS
mRNA