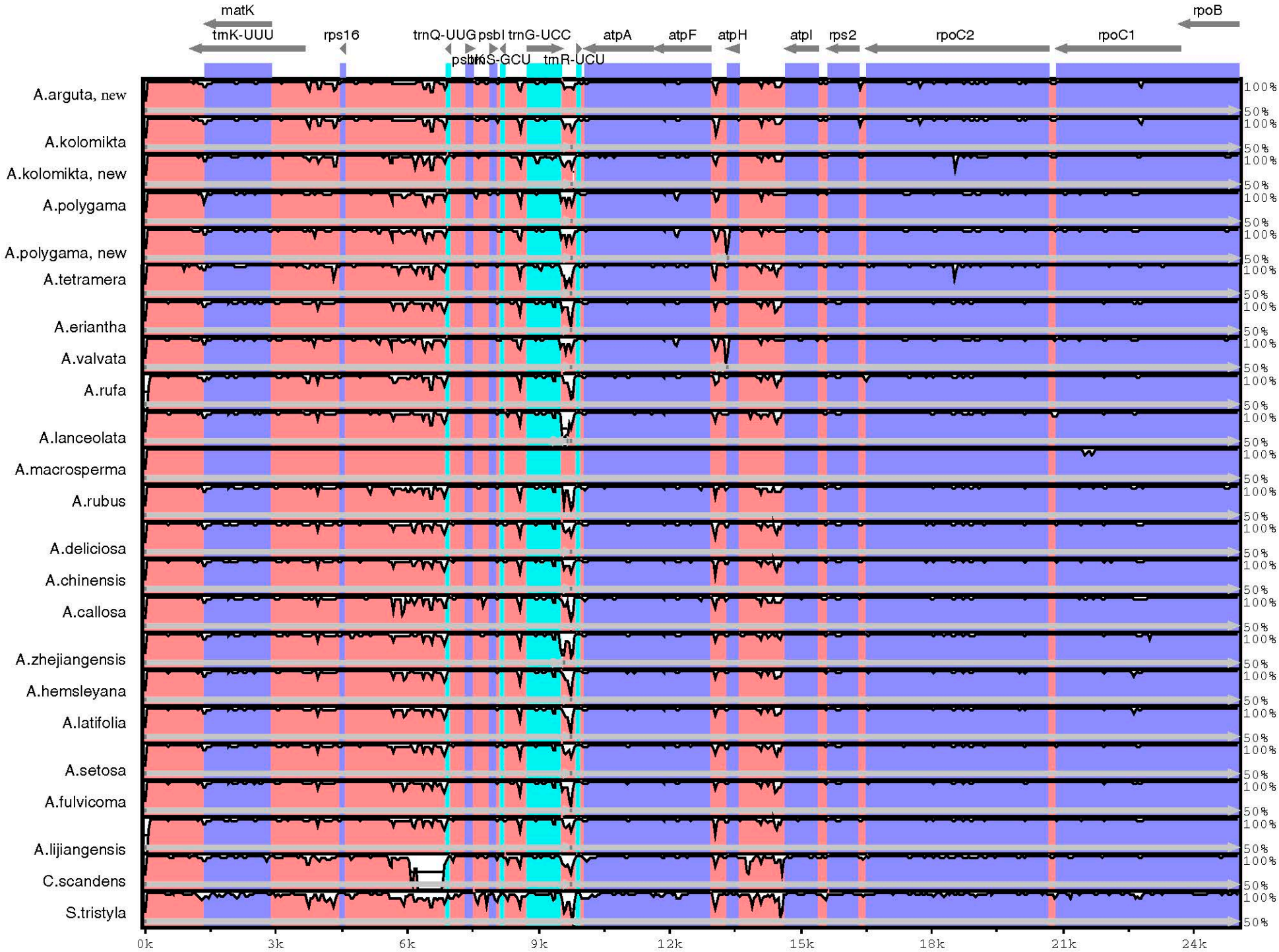
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trnK-UUU
rps16
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psbI
trnG-UCC
atpA
atpF
atpH
atpI
rps2
rpoC2
rpoC1
psbK
trnS-GCU
trnR-UCU
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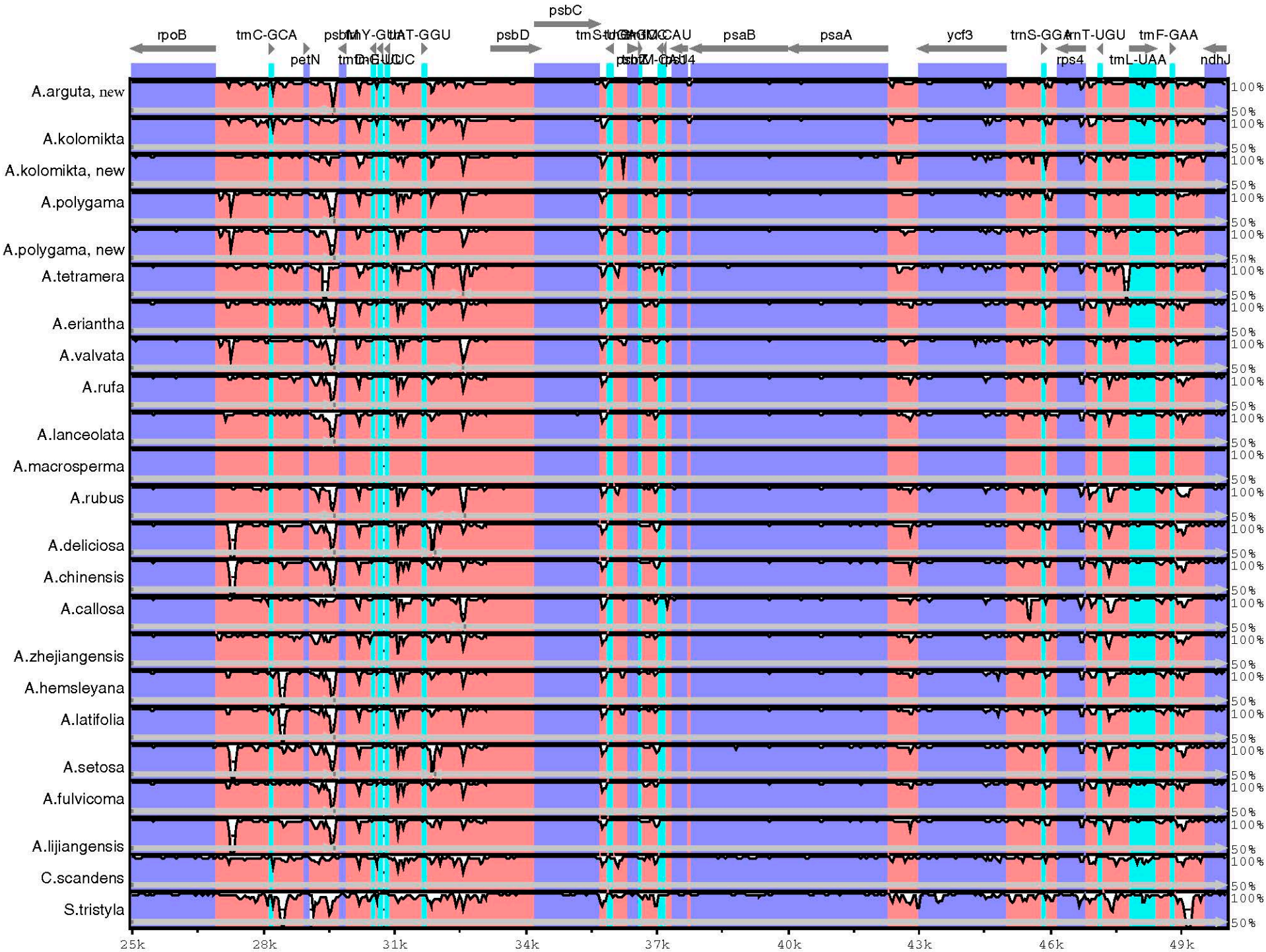
A.kolomikta
A.kolomikta, new
A.polygama
A.polygama, new
A.tetramera
A.eriantha
A.valvata
A.rufa
A.lanceolata
A.macrosperma
A.rubus
A.deliciosa
A.chinensis
A.callosa
A.zhejiangensis
A.hemsleyana
A.latifolia
A.setosa
A.fulvicoma
A.lijiangensis
C.scandens
S.tristyla
100%
50%
0k
3k
6k
9k
12k
15k
18k
21k
24k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psbD
psaB
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ycf3
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petN
rps4
trnL-UAA
ndhJ
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A.kolomikta, new
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A.valvata
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A.zhejiangensis
A.hemsleyana
A.latifolia
A.setosa
A.fulvicoma
A.lijiangensis
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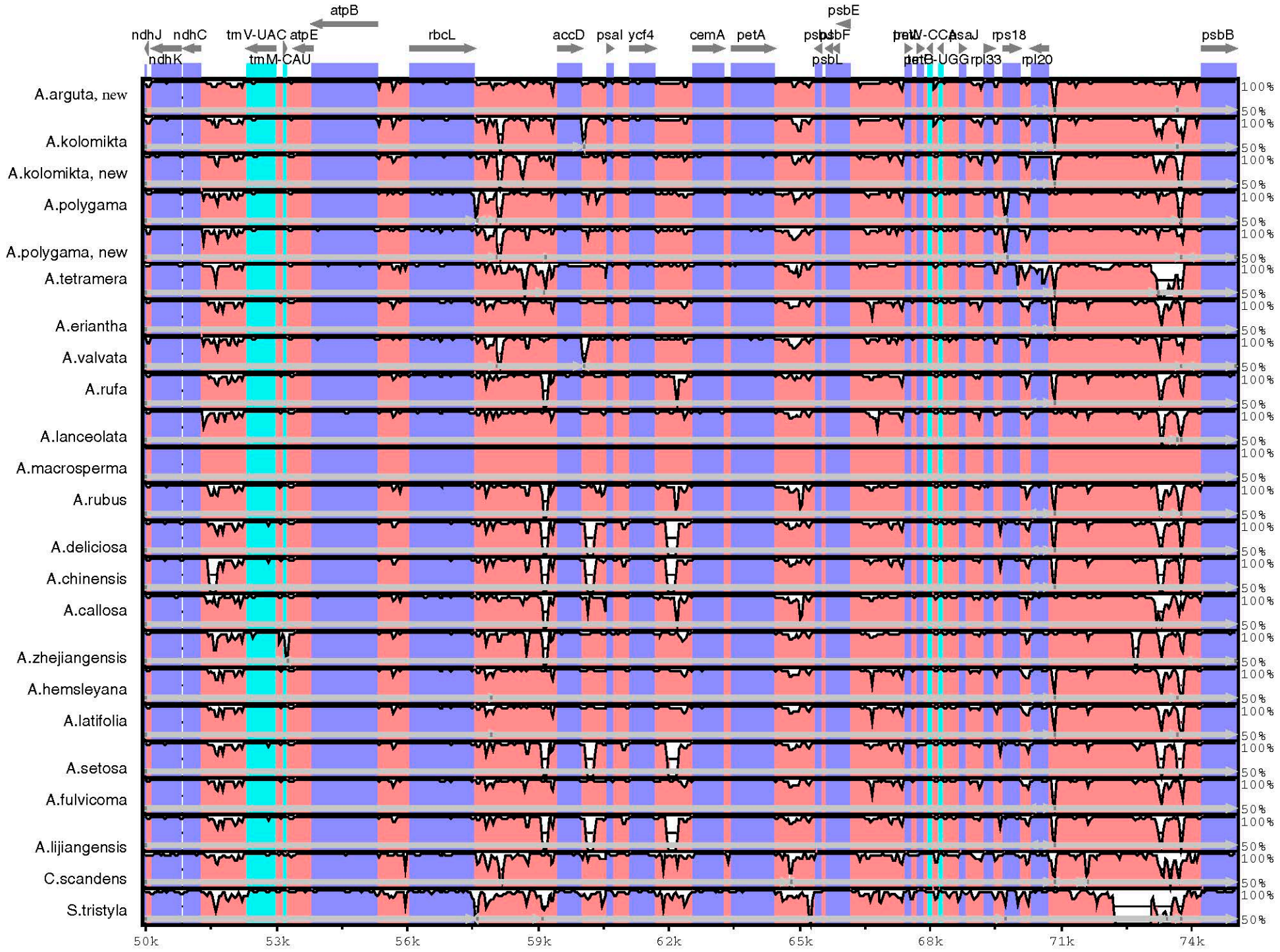
S.tristyla
100%
50%
25k
28k
31k
34k
37k
40k
43k
46k
49k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psbE
ndhJ
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psbL
trnW-CCA
trnP-UGG
psaJ
rpl33
rps18
rpl20
psbB
ndhK
trnM-CAU
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A.hemsleyana
A.latifolia
A.setosa
A.fulvicoma
A.lijiangensis
C.scandens
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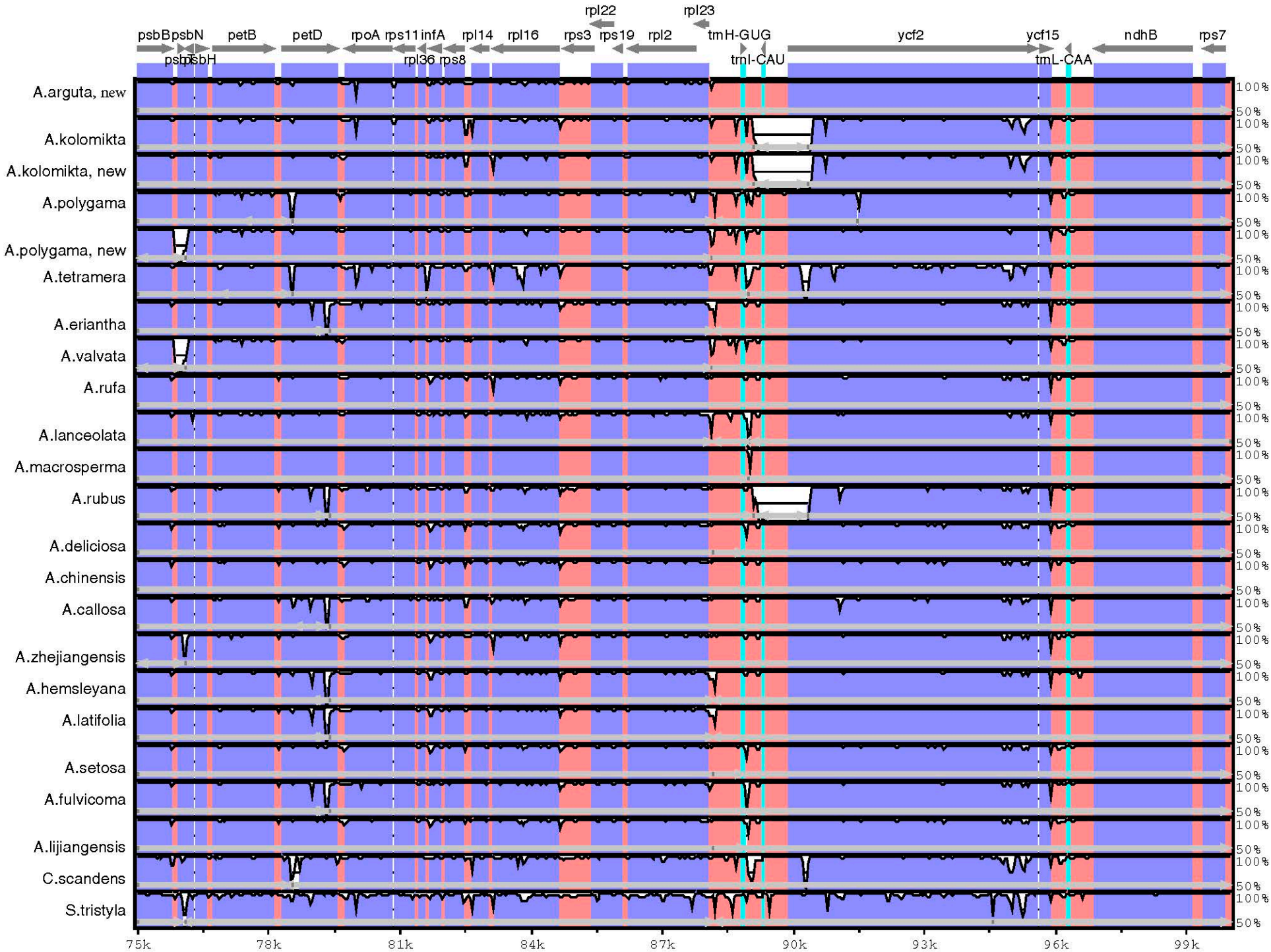
100%
50%
50k
53k
56k
59k
62k
65k
68k
71k
74k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rpl23
psbB
psbN
petB
petD
rpoA
rps11
infA
rpl14
rpl16
rps3
rps19
rpl2
trnH-GUG
ycf2
ycf15
ndhB
rps7
psbT
psbH
rpl36
rps8
trnI-CAU
trnL-CAA
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A.kolomikta, new
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A.valvata
A.rufa
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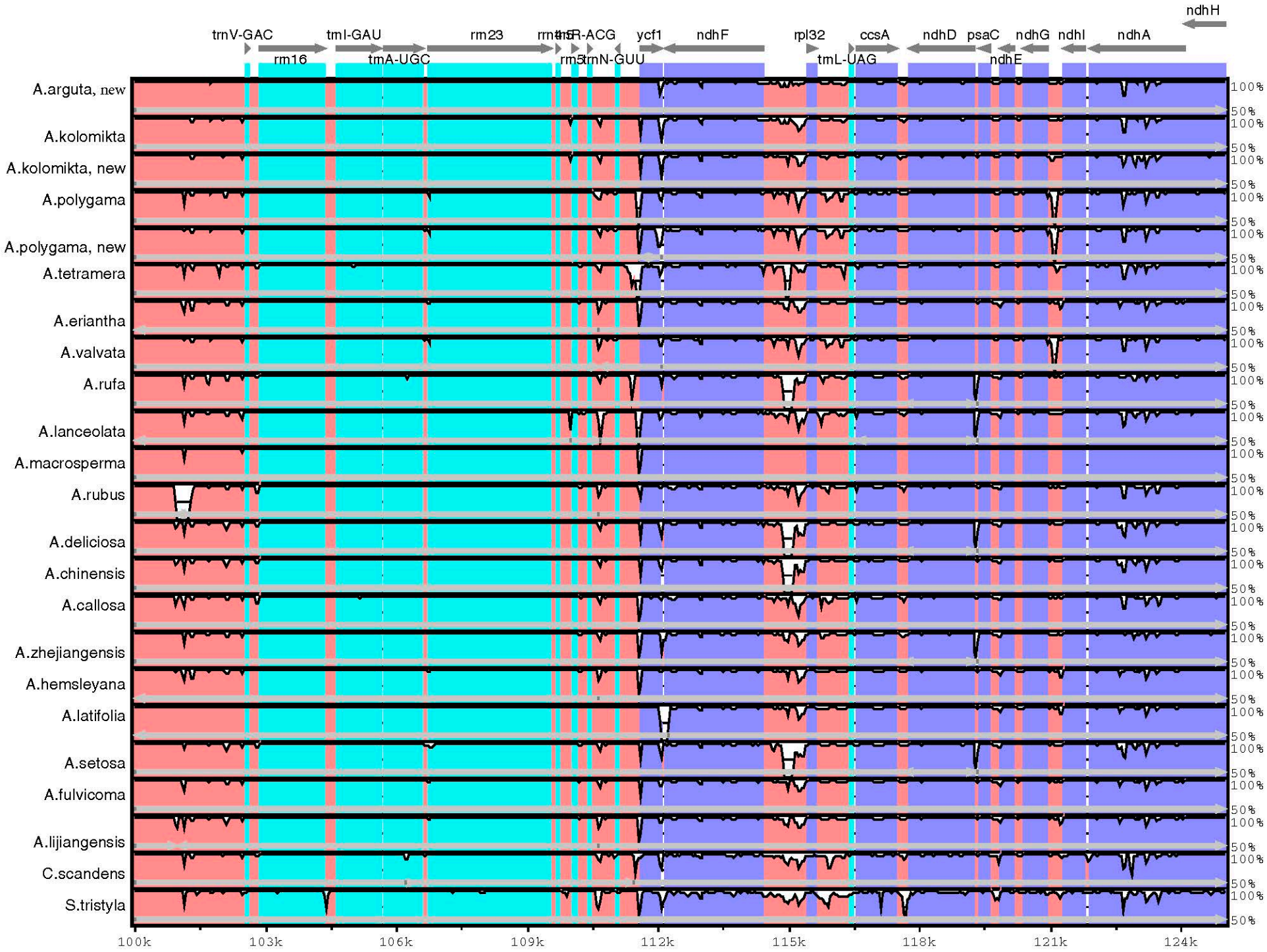
A.deliciosa
A.chinensis
A.callosa
A.zhejiangensis
A.hemsleyana
A.latifolia
A.setosa
A.fulvicoma
A.lijiangensis
C.scandens
S.tristyla
100%
50%
75k
78k
81k
84k
87k
90k
93k
96k
99k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trnI-GAU
rm23
rrn4.5
trnR-ACG
ycf1
ndhF
rpl32
ccsA
ndhD
psaC
ndhG
ndhI
ndhA
rm16
trnA-UGC
rm5
trnN-GUU
trnL-UAG
ndhE
A.arguta, new
A.kolomikta
A.kolomikta, new
A.polygama
A.polygama, new
A.tetramera
A.eriantha
A.valvata
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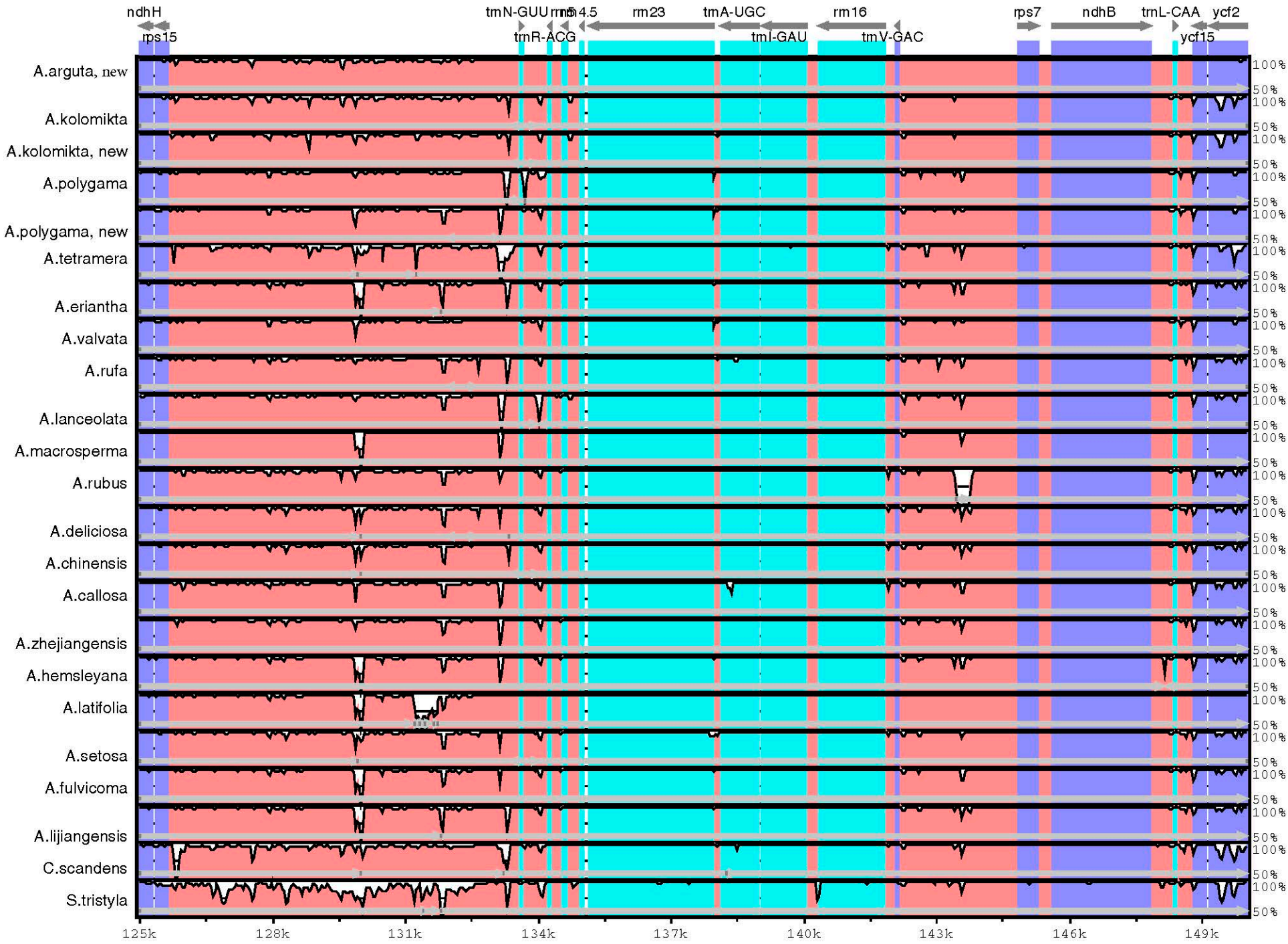
A.zhejiangensis
A.hemsleyana
A.latifolia
A.setosa
A.fulvicoma
A.lijiangensis
C.scandens
S.tristyla
100%
50%
100k
103k
106k
109k
112k
115k
118k
121k
124k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trnR-ACG
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trnI-GAU
rrn16
trnV-GAC
rps7
ndhB
trnL-CAA
ycf2
ycf15
A.arguta, new
A.kolomikta
A.kolomikta, new
A.polygama
A.polygama, new
A.tetramera
A.eriantha
A.valvata
A.rufa
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A.zhejiangensis
A.hemsleyana
A.latifolia
A.setosa
A.fulvicoma
A.lijiangensis
C.scandens
S.tristyla
100%
50%
125k
128k
131k
134k
137k
140k
143k
146k
149k