Fig 1

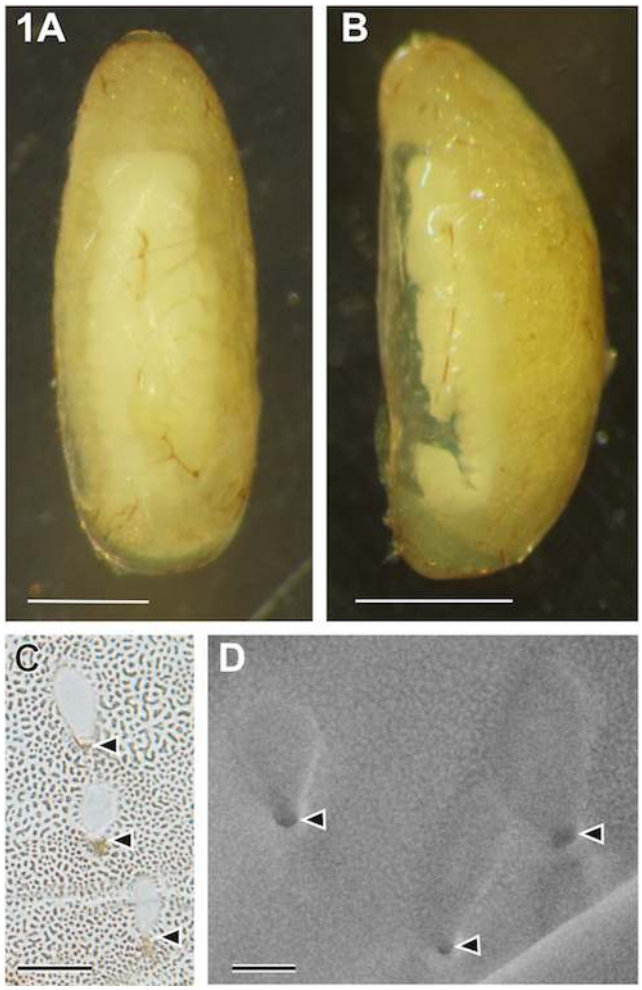
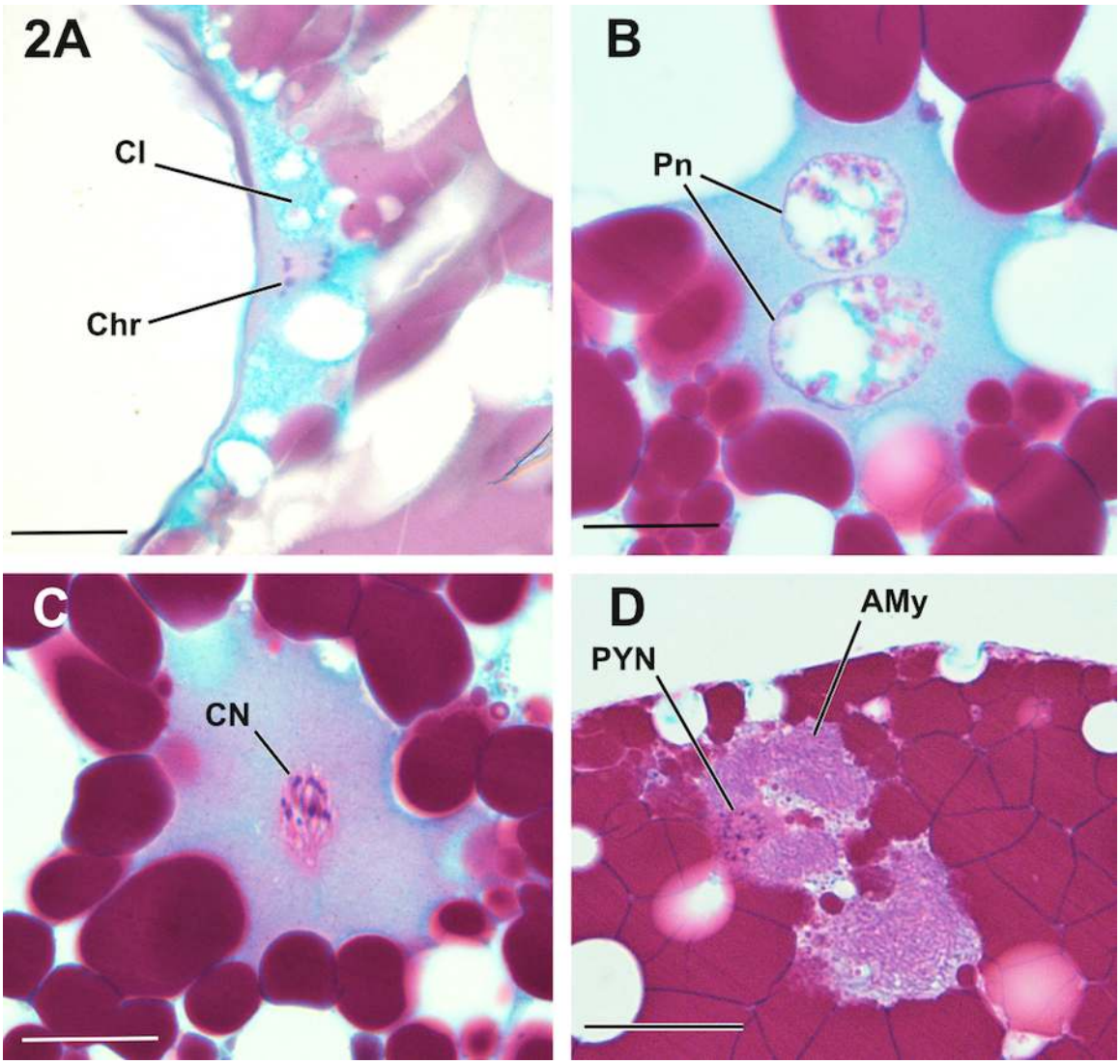


Fig 2



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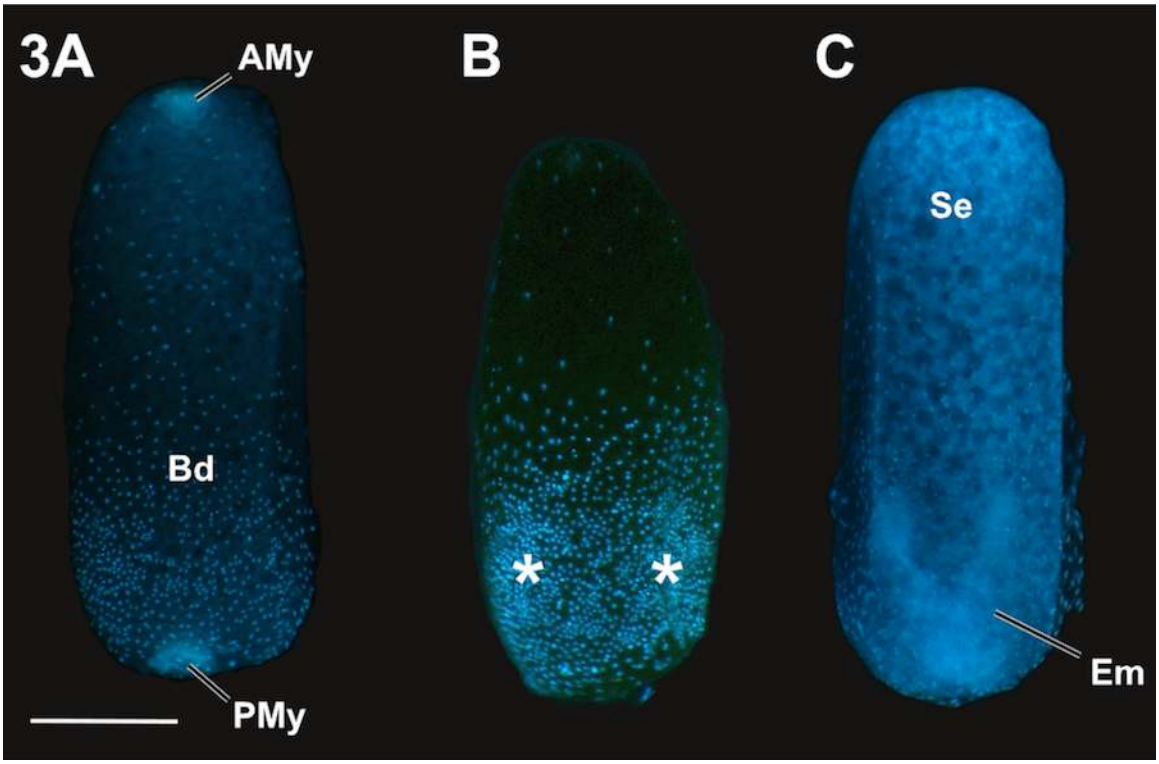

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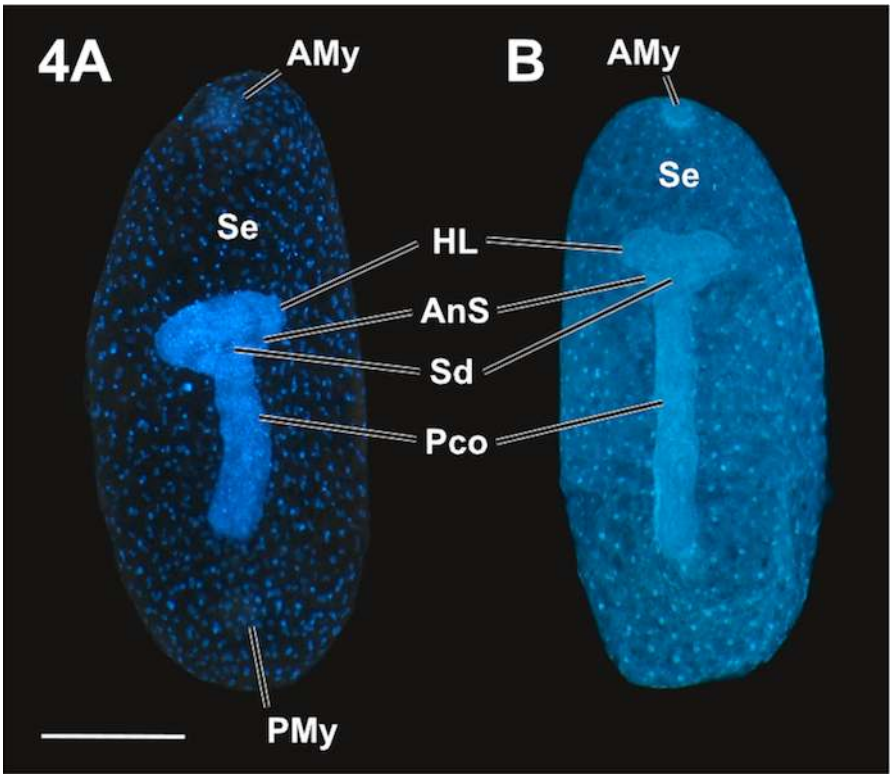
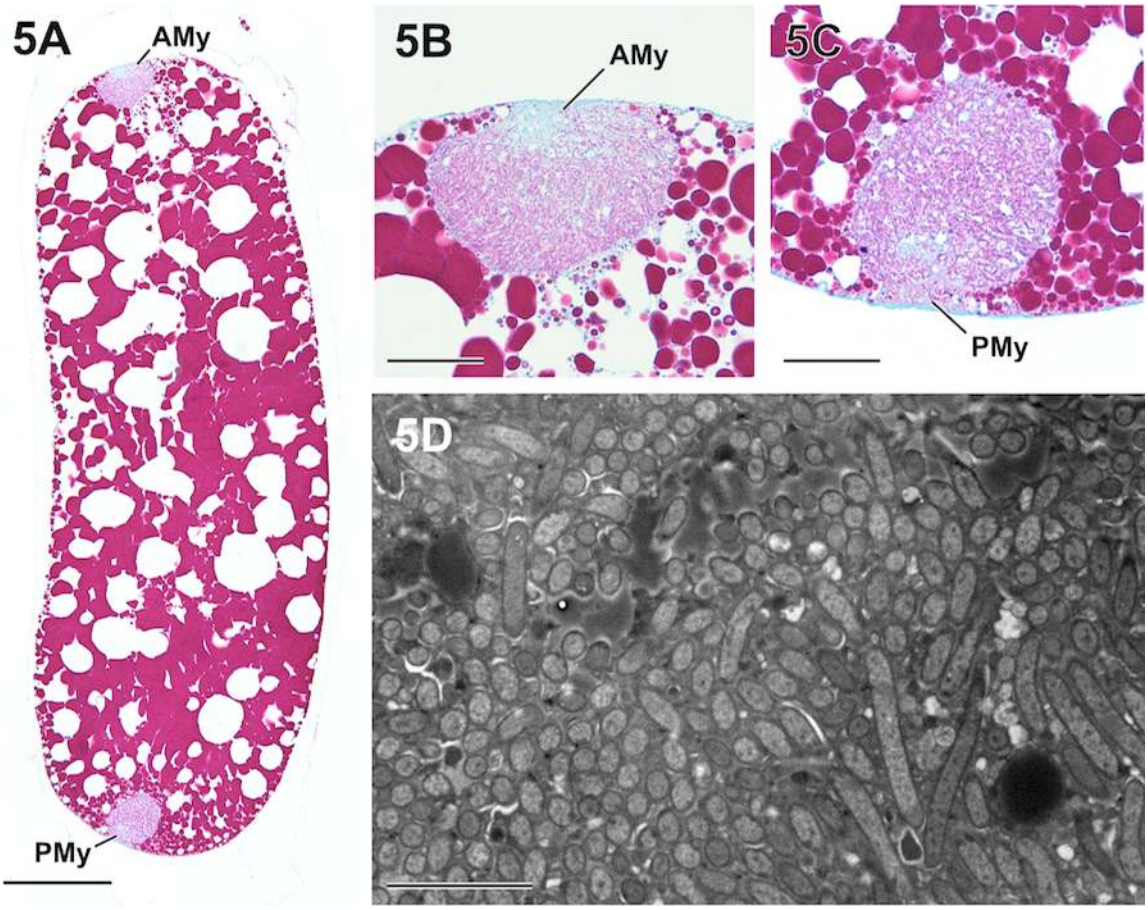


Fig. 5



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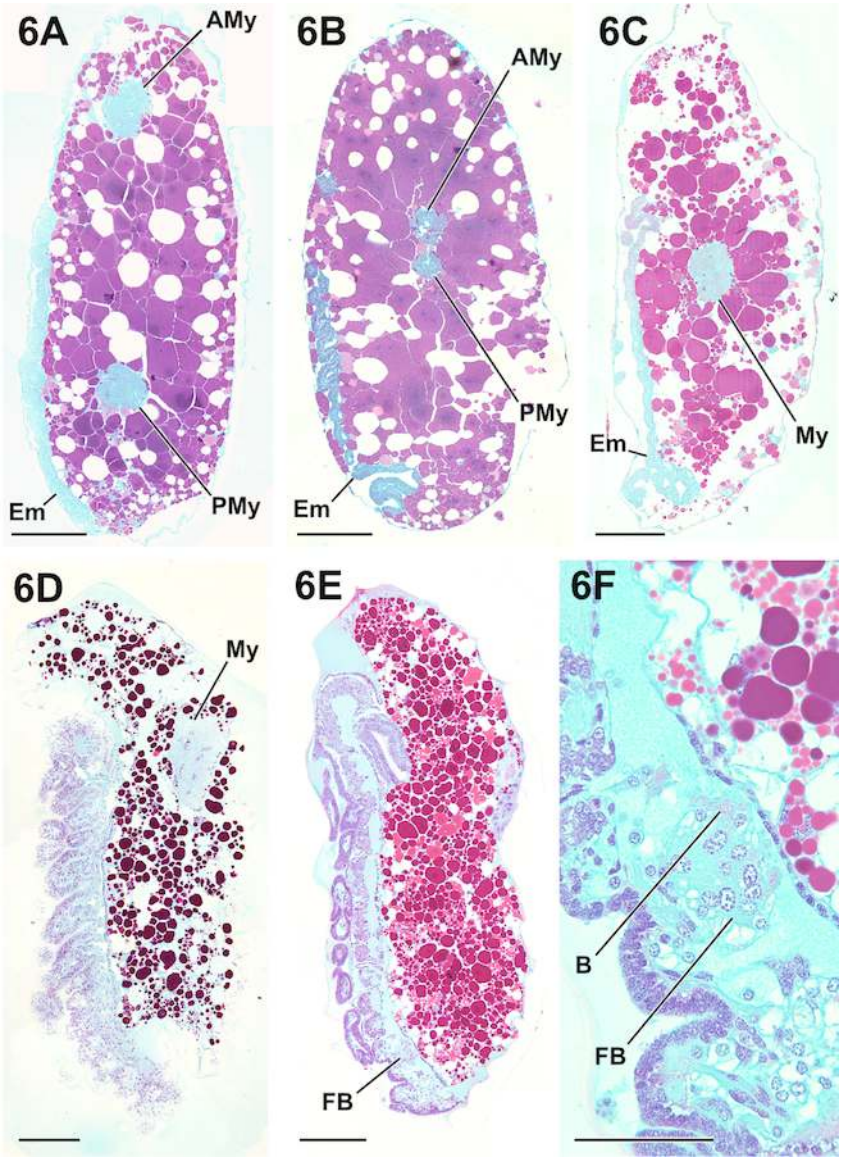
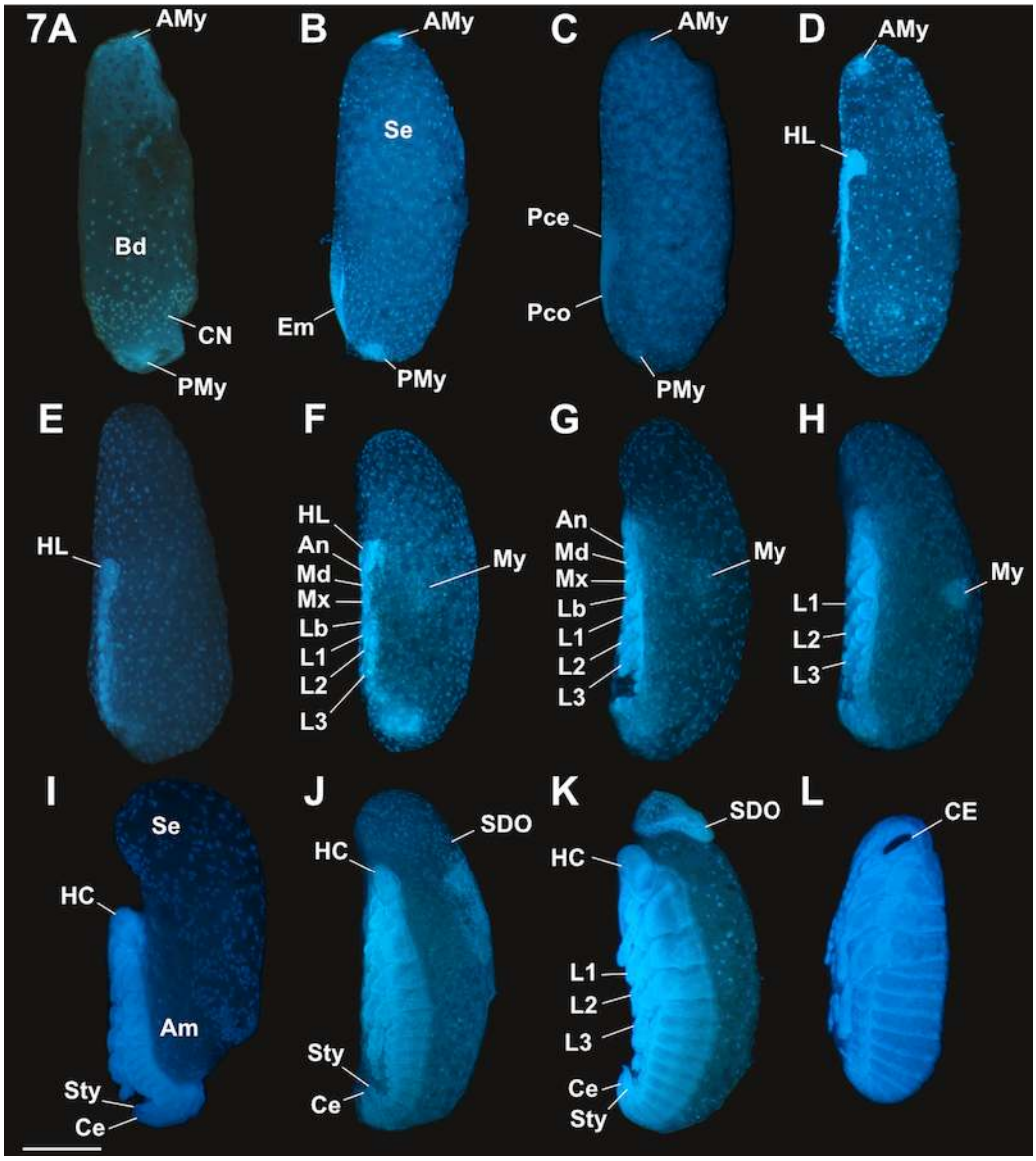


Fig 7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CN
PMy
B
AMy
Se
Em
PMy
C
AMy
Pce
Pco
PMy
D
AMy
HL
E
HL
F
HL
An
Md
Mx
Lb
L1
L2
L3
My
G
An
Md
Mx
Lb
L1
L2
L3
My
H
L1
L2
L3
My
I
Se
HC
Am
Sty
Ce
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HC
Sty
Ce
K
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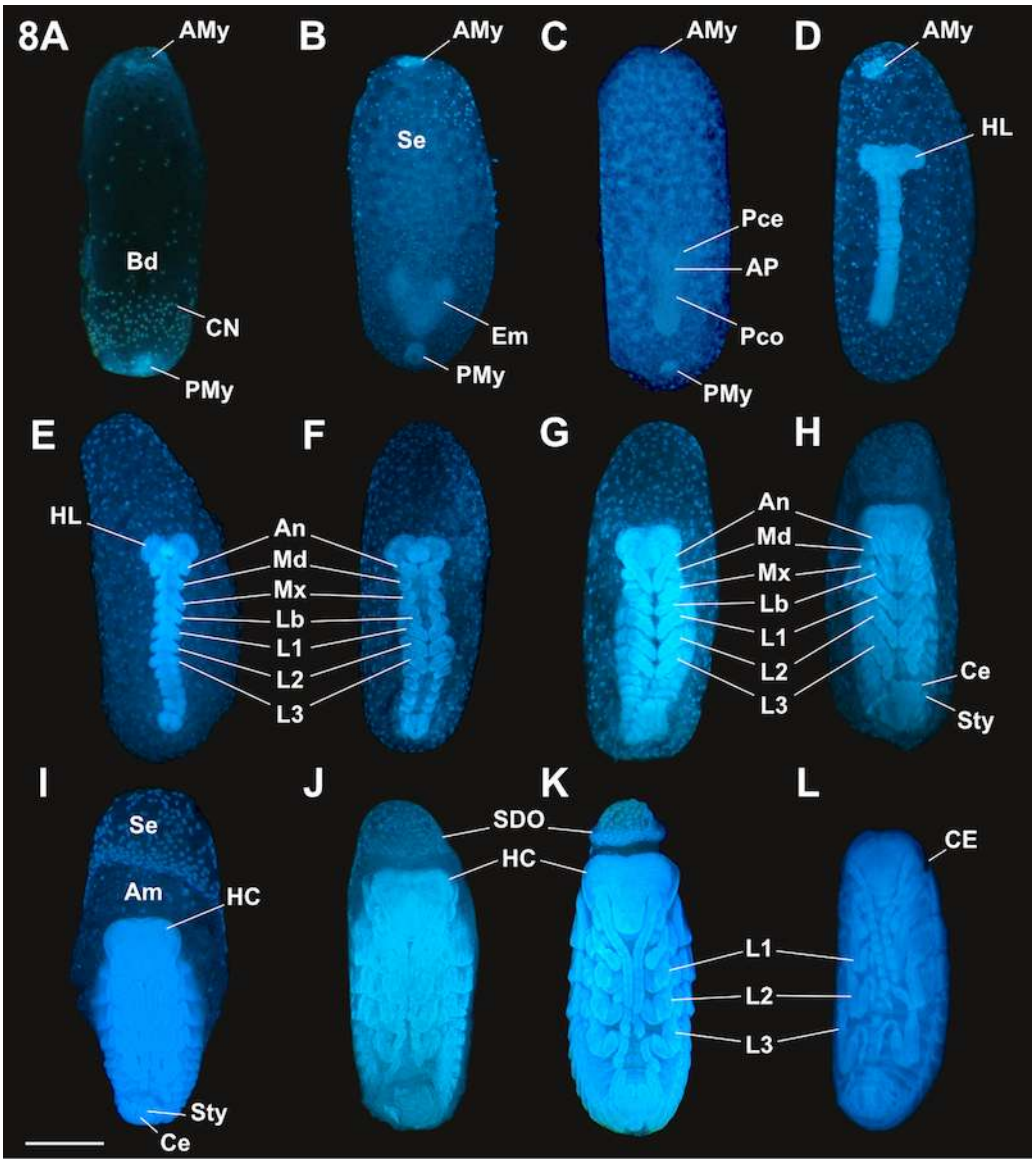
HC
L1
L2
L3
Ce
Sty
L
CE

Fig 8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PMy
C
AMy
Pce
AP
Pco
PMy
D
AMy
HL
E
HL
An
Md
Mx
Lb
L1
L2
L3
F
G
An
Md
Mx
Lb
L1
L2
L3
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HC
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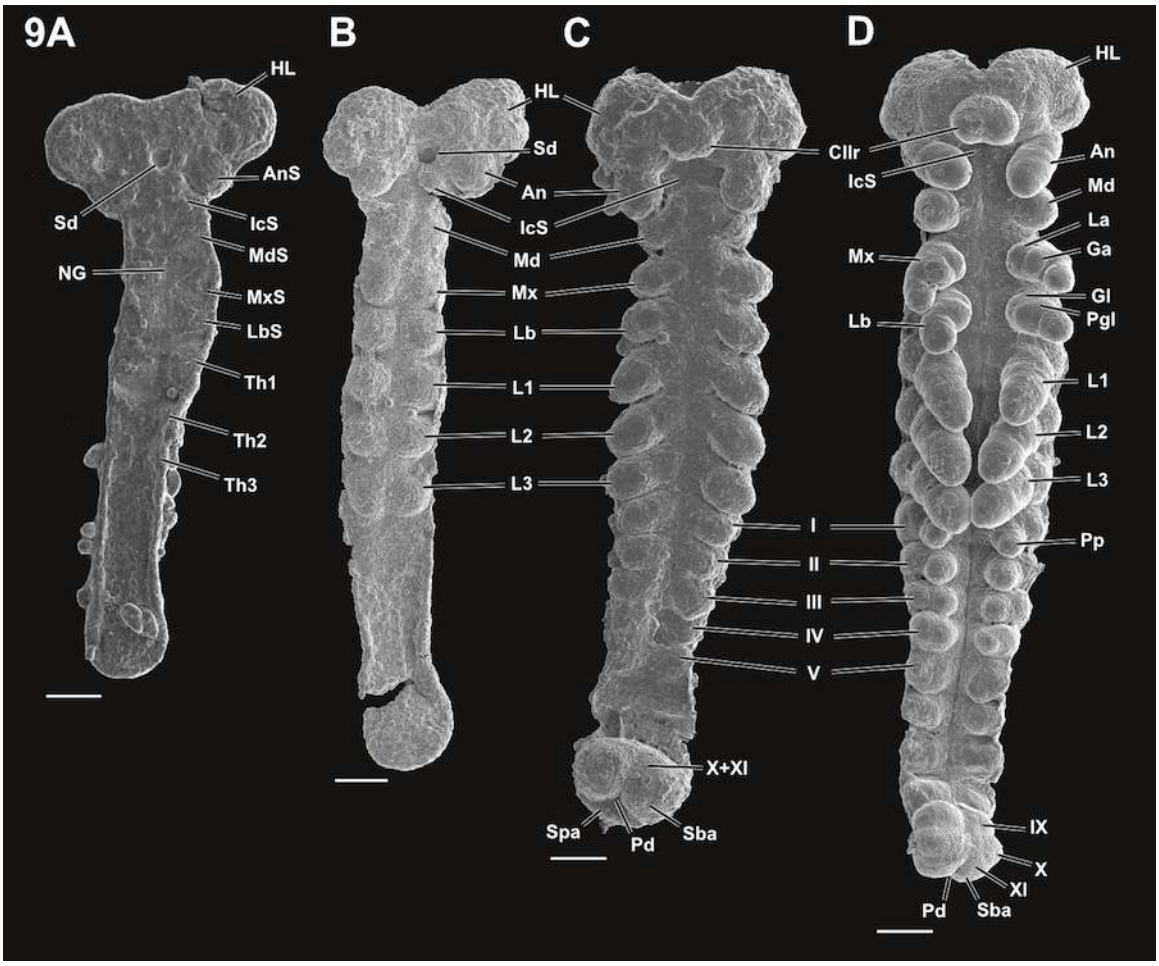
Ce
J
SDO
HC
K
L1
L2
L3
L
CE

Fig. 9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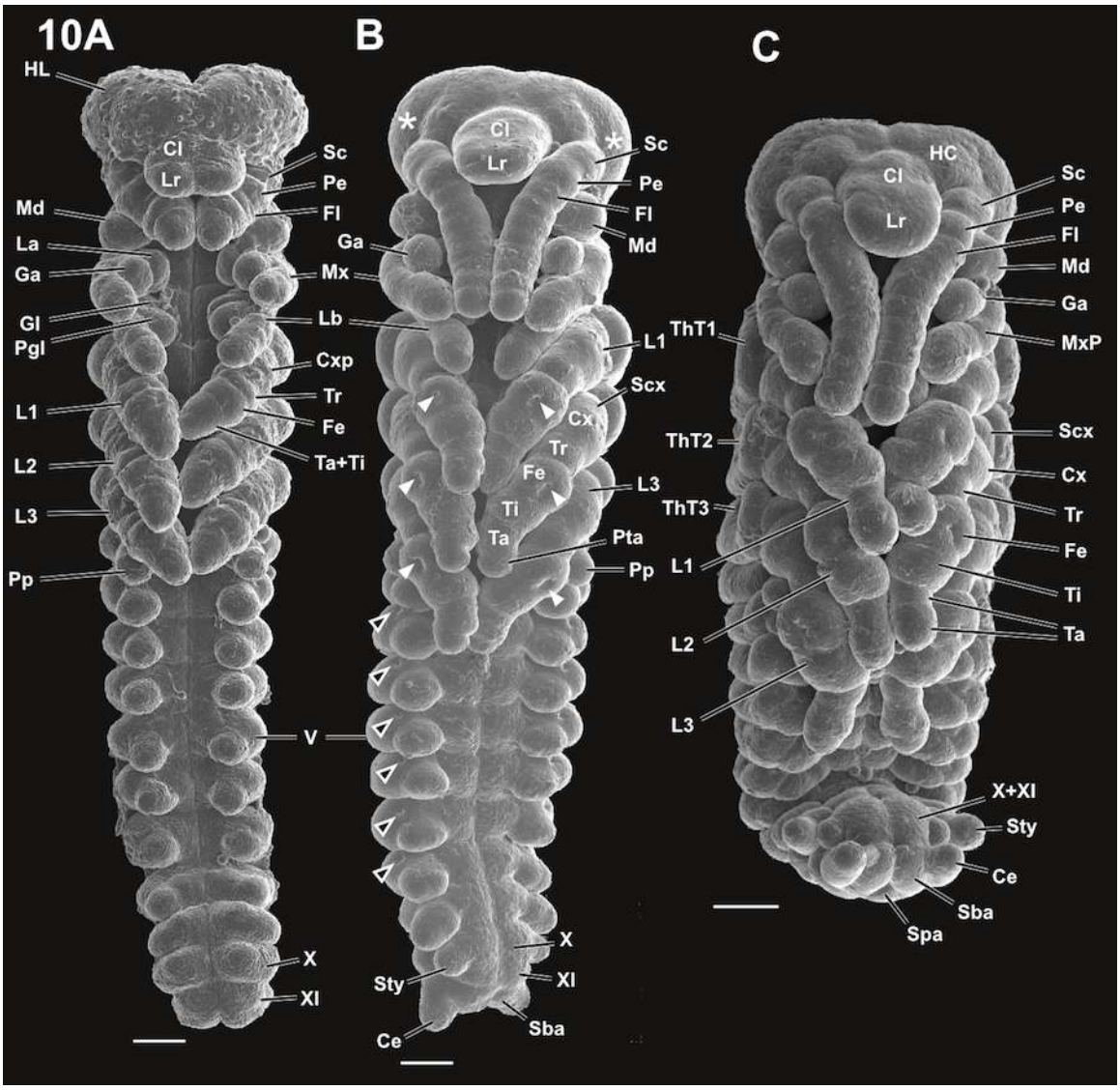
MdS
NG
MxS
LbS
Th1
Th2
Th3
HL
Sd
An
IcS
Md
Mx
Lb
L1
L2
L3
HL
Cllr
IcS
I
II
III
IV
V
X+XI
Spa
Pd
Sba
HL
An
Md
La
Ga
Mx
Gl
Pgl
Lb
L1
L2
L3
Pp
IX
X
XI
Pd
Sba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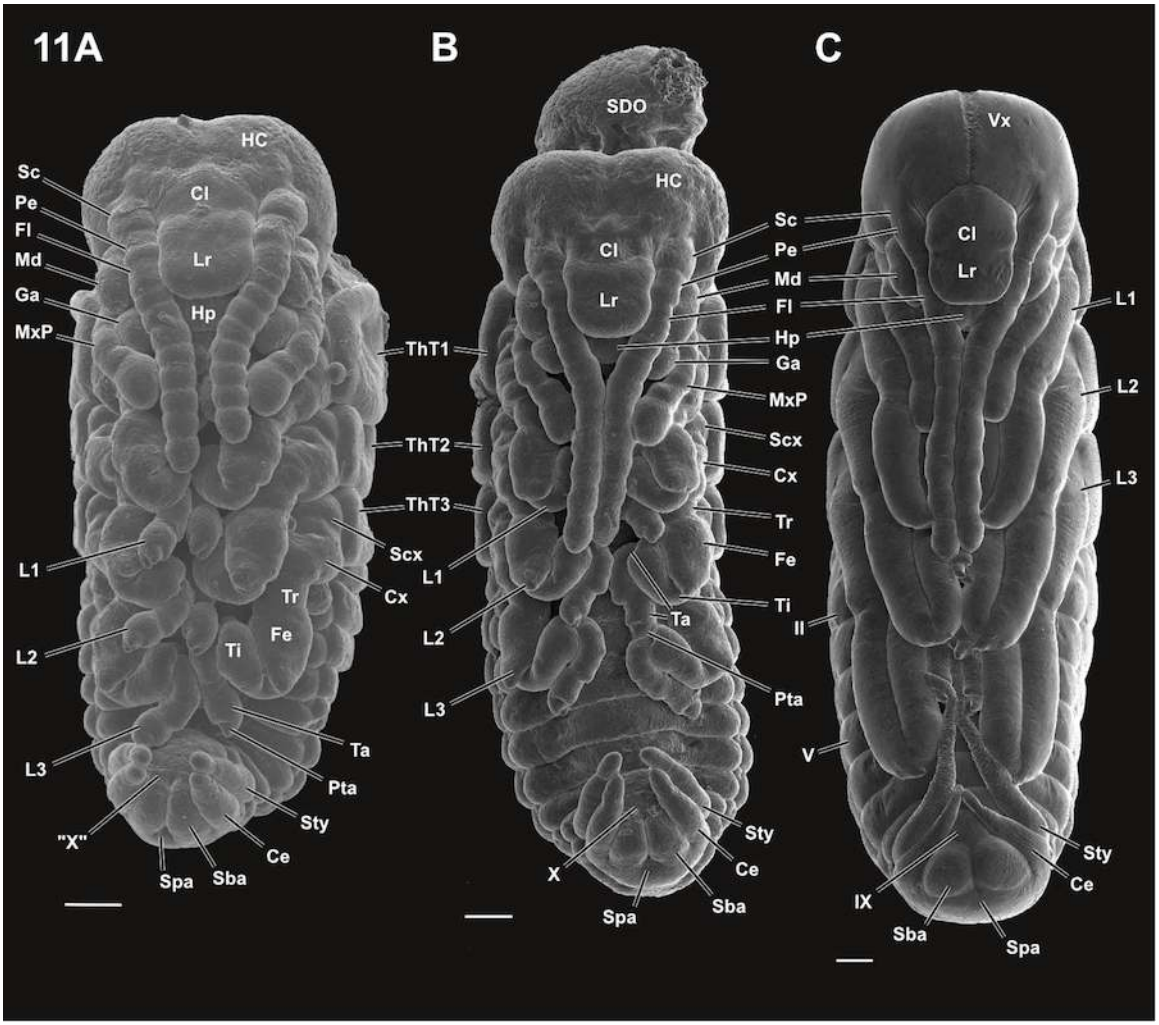
Pgl
Lb
Cxp
Tr
L1
Fe
Ta+Ti
L2
L3
Pp
V
X
XI
Cl
Lr
Sc
Pe
Fl
Md
Ga
L1
Scx
Cx
Tr
Fe
L3
Ti
Ta
Pta
Pp
X
XI
Sty
Ce
Sba
HC
Cl
Lr
Sc
Pe
Fl
Md
Ga
MxP
ThT1
Scx
ThT2
Cx
ThT3
Tr
L1
Fe
Ti
Ta
L2
L3
X+XI
Sty
Ce
Sba
Spa

Fig. 11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Fl
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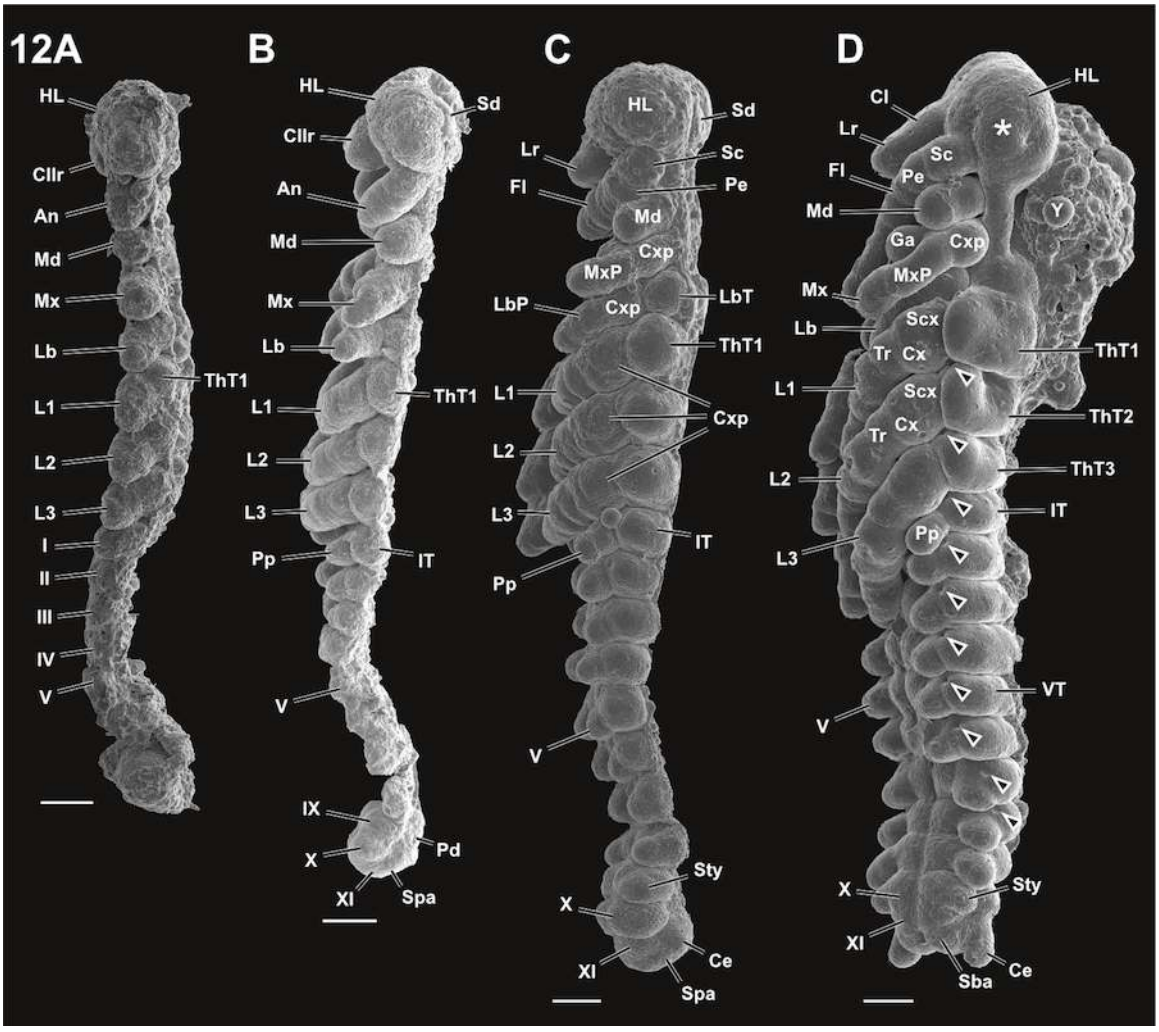
Ga
MxP
Cl
Lr
Hp
ThT1
ThT2
ThT3
Scx
Cx
L1
L2
L3
Tr
Fe
Ti
Ta
Pta
Sty
Ce
"X"
Spa
Sba
SDO
X
Vx
II
V
IX

Fig. 12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L2
L3
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II
III
IV
V
B
HL
Sd
Cllr
An
Md
Mx
Lb
ThT1
L1
L2
L3
Pp
IT
V
IX
X
Pd
XI
Spa
C
HL
Sd
Lr
Sc
Fl
Pe
Md
Cxp
MxP
LbP
Cxp
LbT
ThT1
L1
Cxp
L2
L3
IT
Pp
V
Sty
X
XI
Ce
Spa
D
HL
Cl
Lr
*
Sc
Fl
Pe
Md
Y
Ga
Cxp
MxP
Mx
Lb
Scx
Tr
Cx
ThT1
L1
Scx
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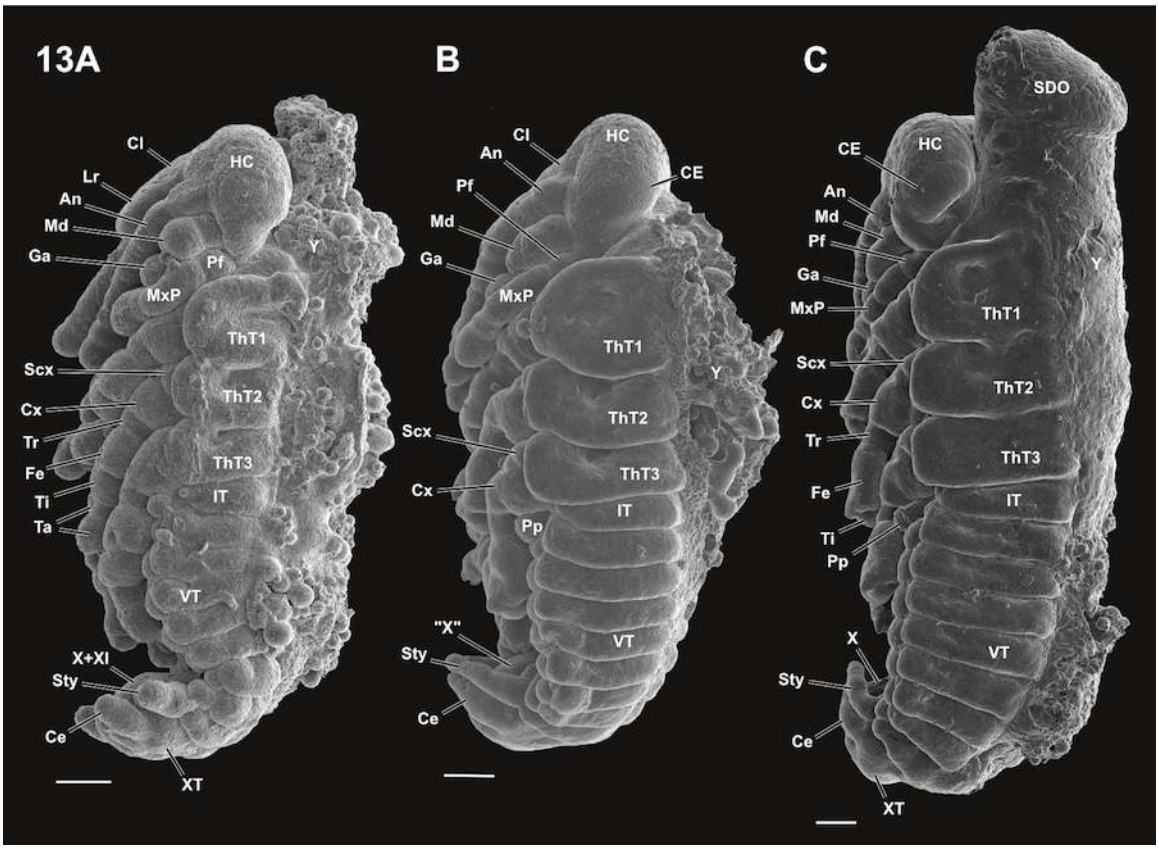
ThT3
IT
Pp
L3
VT
V
X
Sty
XI
Sba
Ce

Fig. 13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X+XI
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XT
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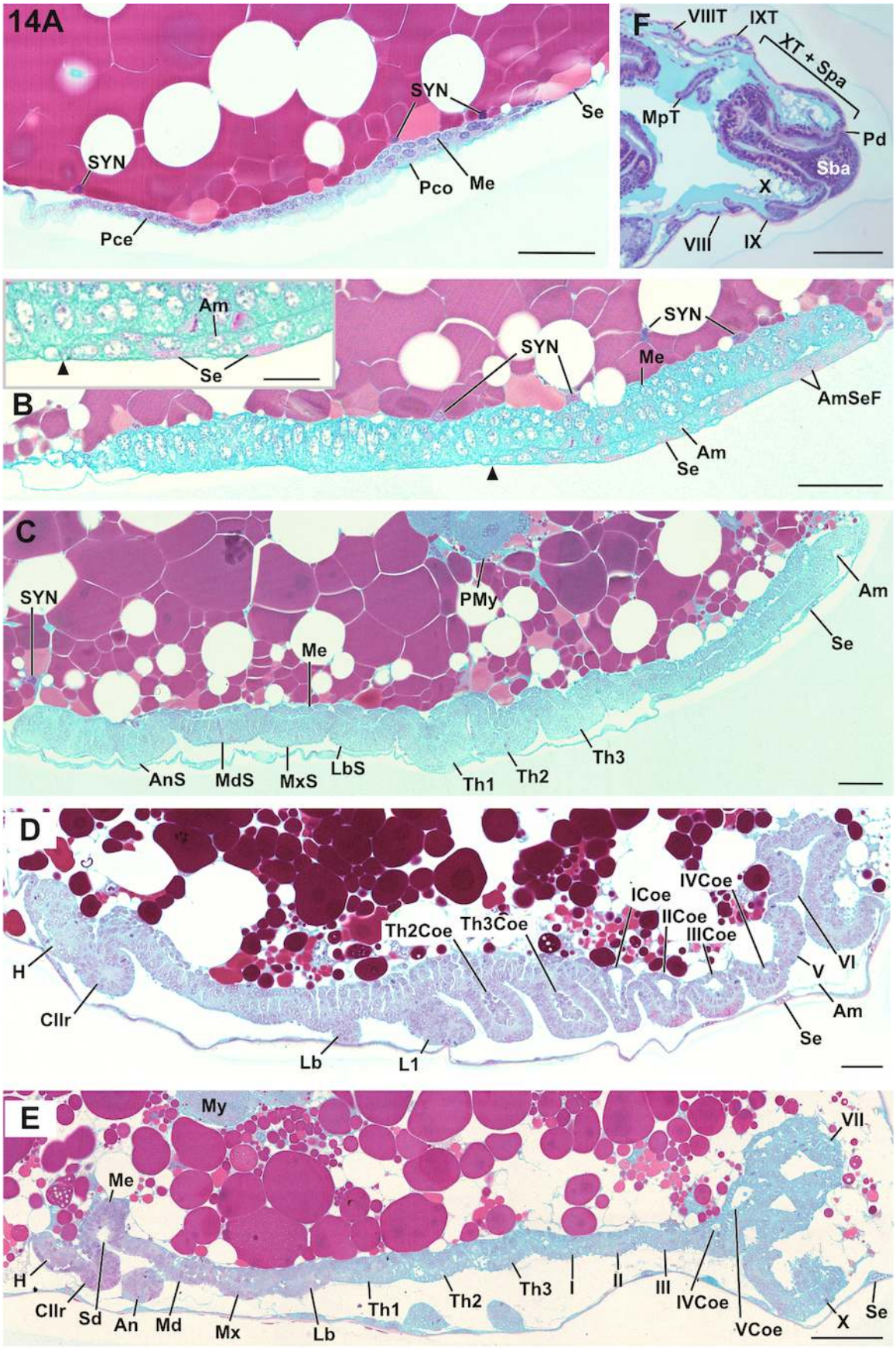
"X"
Pp
SDO
X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SYN
Se
Pco
Me
Pce
F
VIIIT
IXT
XT + Spa
MpT
Pd
Sba
X
VIII
IX
Am
Se
SYN
SYN
Me
AmSeF
B
Am
Se
C
SYN
PMy
Am
Se
Me
AnS
MdS
MxS
LbS
Th1
Th2
Th3
D
IVCoe
ICoe
IICoe
IIICoe
Th2Coe
Th3Coe
H
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VII
Me
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III
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VCoe
X
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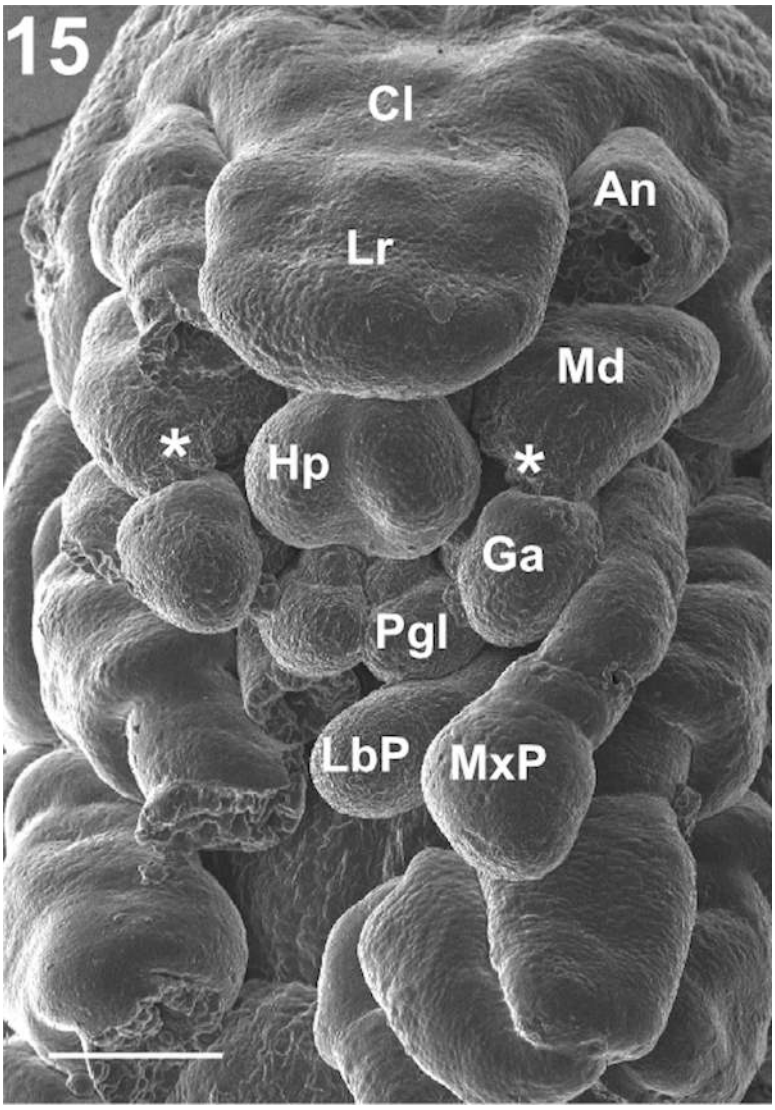
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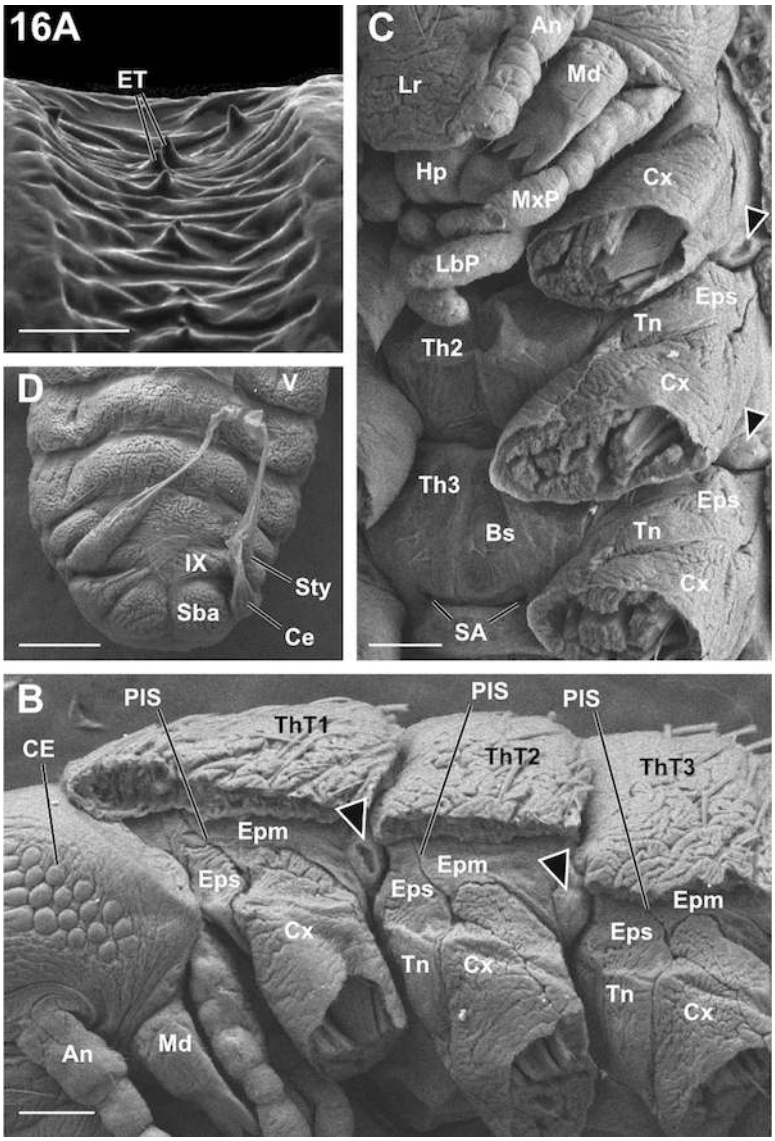
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Tn
Cx
SA
D
V
IX
Sty
Sba
Ce
B
PIS
ThT1
PIS
PIS
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Cx
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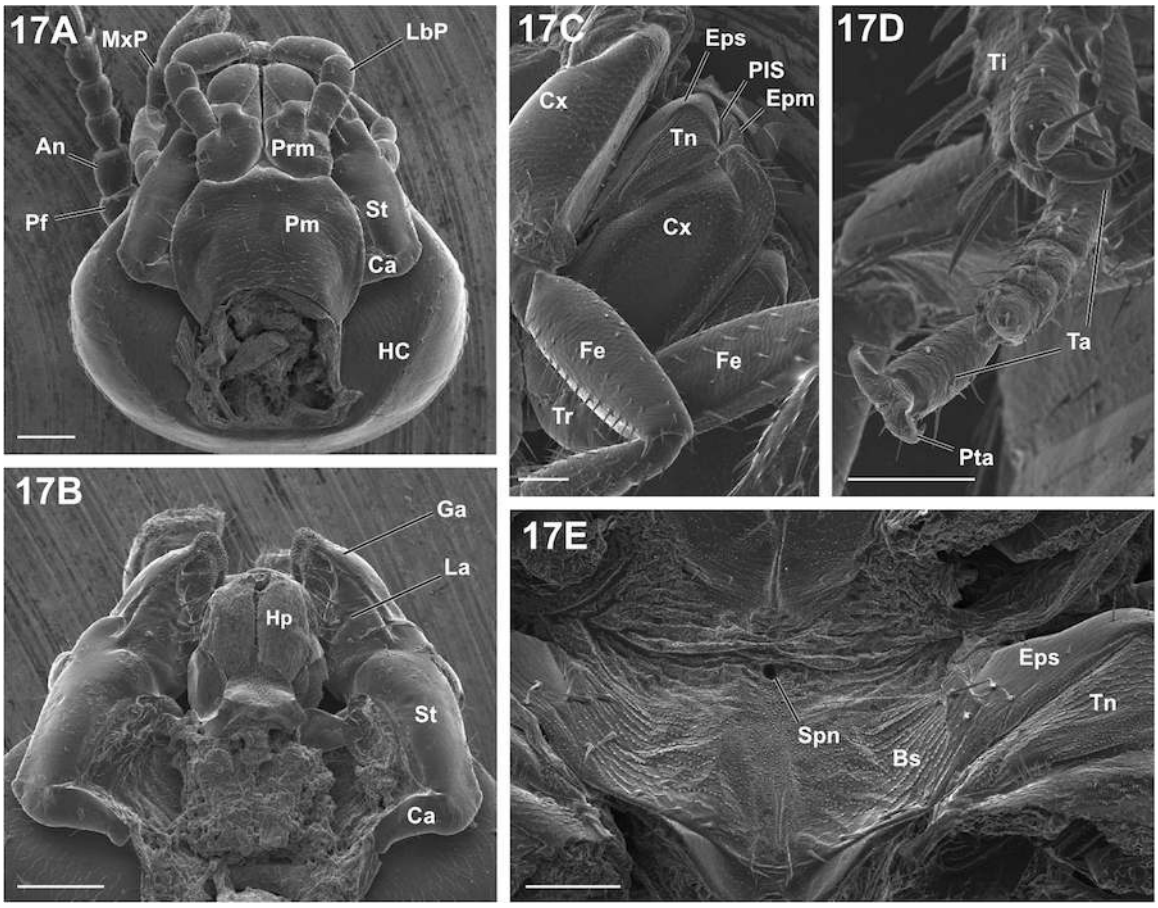
Md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Pm
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Epm
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Cx
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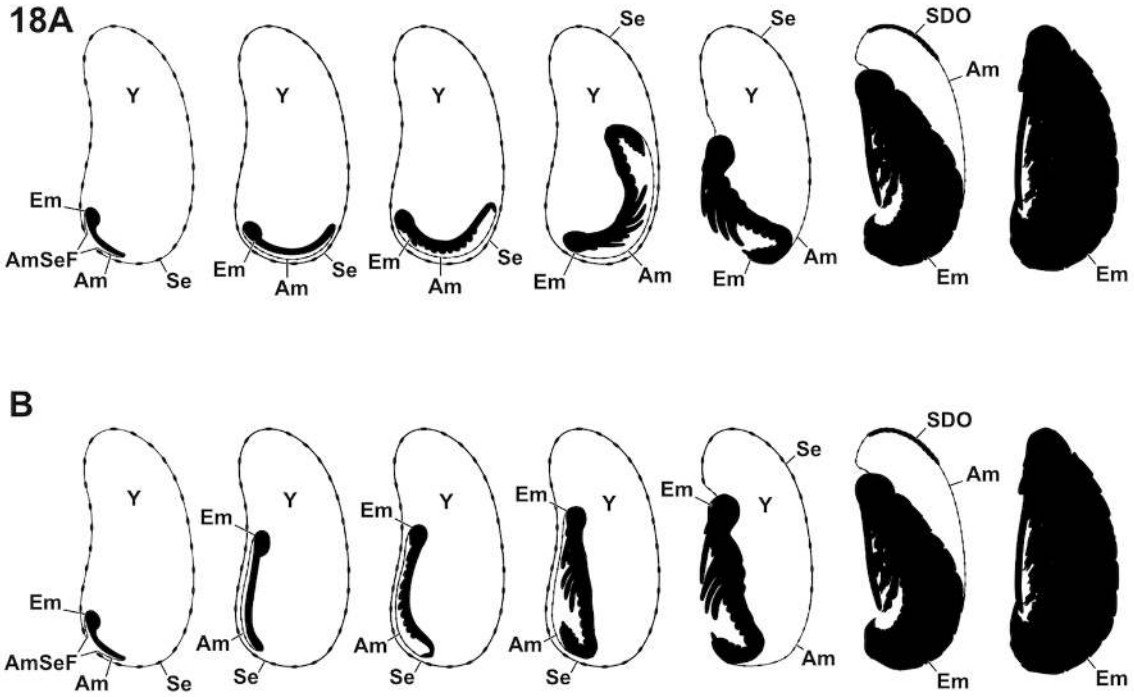
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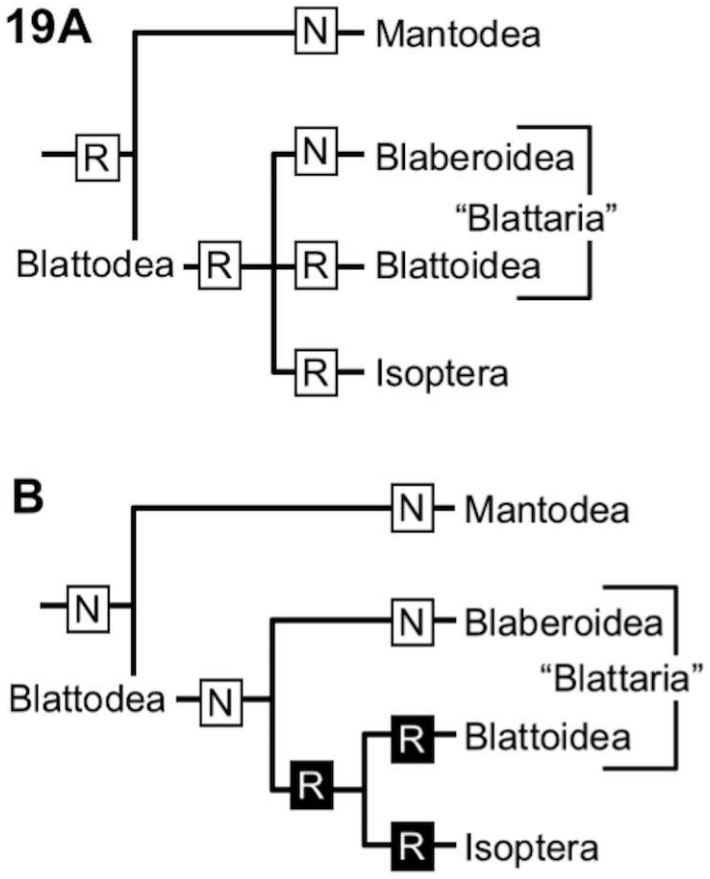
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R
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Blattoidea
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Mantodea
N
N
Blaberoidea
"Blattaria"
Blattodea
N
R
Blattoidea
R
R
Isoptera