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Drosophila melanogaster
Drosophila simulans
Drosophila yakuba
Drosophila erecta
Drosophila elegans
Drosophila ficusphila
Drosophila biarmipes
Drosophila eugracilis
Drosophila kikkawai
Drosophila bipectinata
Drosophila ananassae
consensus

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Drosophila ananassae
consensus

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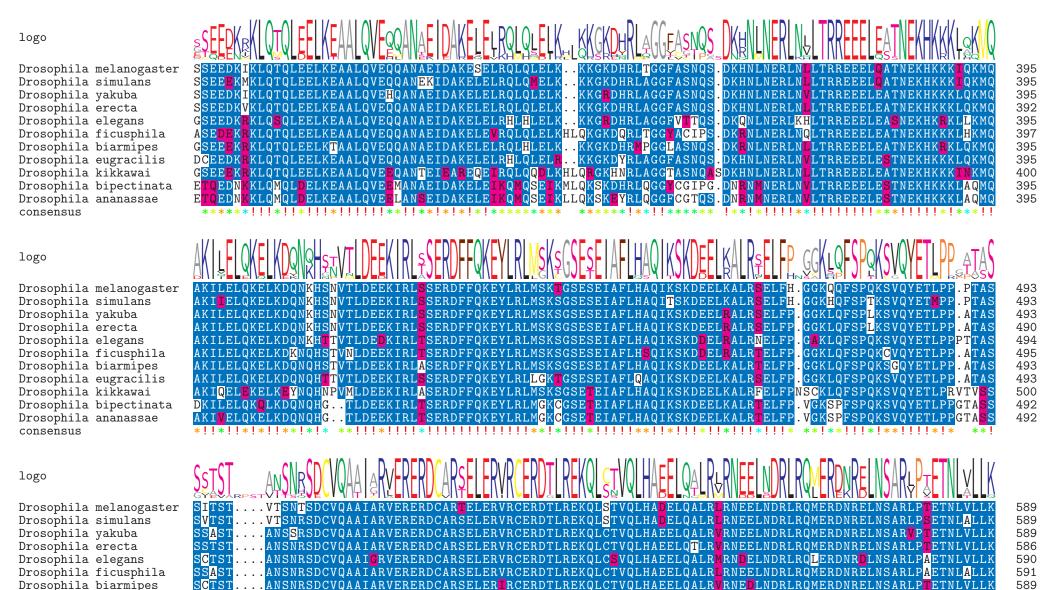
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SNHSDCVQATI<mark>G</mark>R<mark>L</mark>ERERDC<mark>V</mark>RSELERVRCERDTLREKQL<mark>SN</mark>VQLHAEELQ<mark>T</mark>

A<mark>I</mark>SNRSDCVQAAI<mark>T</mark>RVERERDCARSELERVRCERDTLREKQLCTVQLHAEELQ<mark>G</mark>LR<mark>V</mark>RNEELNDRLRQMERDNR<mark>D</mark>LNSAR<mark>V</mark>P**T**ETNLVLLK

SS<mark>E</mark>ST<mark>RPSTANTNQSECVQAAICRAERERDCART</mark>ELERVRCERDGLREKQL<mark>S</mark>TVQLHAEELNALRMRNEELNDRLRQLERDKRDLNSAR<mark>L</mark>PAETNLALLK

.SNHSDCVQATIGRLERERDCARTELERVRCERDTLREKQL<mark>SN</mark>VQLHAEELQTLRLRNEEL<mark>SDRLRQLEREK</mark>RELNSAR<mark>I</mark>P

589

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586

586

SSTST...

Drosophila eugracilis

Drosophila bipectinata

Drosophila kikkawai

Drosophila ananassae

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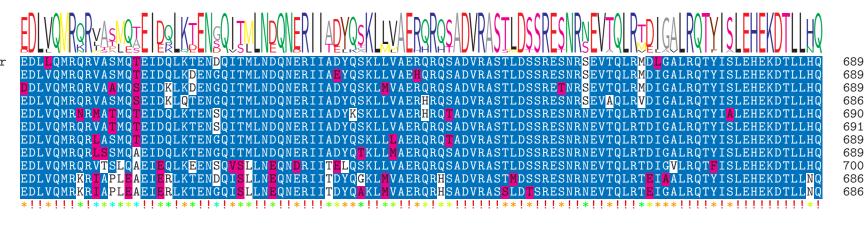
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LOTKTERVYKLEYELKOCKEKRNALEGNVKOLEDGERKLANRNRQROSELTETSTESKTLRQQIVALKASRDEAIAENRRLMOKLSDAQVEARTLQKKLT LOTKTERAYKLEYELKOCKEKRNALEGNVKOLEDGERKLANRNRQROSELTETSTESKTLRQQIVALKASRDEAIAENRRLMOKLSDAQVEARTLQKKLT LOTKTERAYKLEYELKOCKEKRNALEGNVKOLEDGURKLTNRNRQROSELTETSTESKTLRQQIVALKASRDEAIAENRRLMOKLSDGQVEARTLQKKLT LOTKTERAYKLEYELKOCKEKRNALEGNVKELEDKVRKLTSRNRQROSELTETSTESKTLRQQIVALKASRDEAIAENRRLMOKLSDAQVEARTLQKKLE LOTKTERAYKLEYELKOCKEKRNALEGSVKELEEGVRKLTNRNRQROSELTETSTESKTLRQQIVALKASRDEAIAENRRLMOKLSDAQVEARTLQNKLE LOSKTERAYKLEYELKOCKEKRNALEGNVKELEEGVRKLTNRNRQROSELTETSTESKTLRQQIVALKASRDEAISENRHLMOKLSDAQVEARTLQNKLT LOSKTERAYKLEYELKOCKEKRNALEGNVKELEEGVRKLTNRNRQROSELTETSTESKTLRQQIVALKASRDEAISENRHLMOKLSDAQVEARTLQNKLT LOSKTERAYKLEYELKOCKEKRNALEGNVKELEEGVRKLTNRNRQROSELTETSTESKTLRQQIVALKASRDEAISENRHMOKLSDAQVEARTLQNKLT LOSKTERAYKLEYELKOCKEKRNALEHSVKOLEDGVRKLANRNRQROSELTETSTESKTLRQQIVALKASRDEAISENRRMMOKLSDAQVEARTLQNKLT LOSKTERVYKLEYELKOCKEKRNALEHSVKOLEDGVRKLANRNRQROSELTETSTESKTLRQQIVALKASRDEAISENRRMMOKLSDAQVEARTLQNKLA

LD<mark>S</mark>KTER<mark>T</mark>YKLEYELKDC<mark>Q</mark>EKRN<mark>S</mark>LEQNV<mark>RE</mark>LE<mark>E</mark>QVRKLT<mark>S</mark>RNRQRDSELTETSTESKTLRQQIVALKASRDEAIAEN<mark>G</mark>RLMDKLSDAQVEARTL<mark>H</mark>KKL<mark>K</mark>

LD<mark>N</mark>KTER<mark>V</mark>YKLEYELKDCKEKRN<mark>T</mark>LEQNVKDLEDQVRKLTNRNRQRDSELTETSTESKTLRQQIVALKASRDEAIAEN<mark>G</mark>RLMDKLSDAQ<mark>A</mark>EA<mark>K</mark>TLQKKL<mark>K</mark>

KTER<mark>V</mark>YKLEYELKDCKEKRN<mark>S</mark>LEQNVKDLEDQVRKL<mark>A</mark>NRNRQRDSELTETSTESKTLRQQIVALKASRDEAIAEN<mark>G</mark>RLMDK**M**SDAQ<mark>AEVK</mark>TL



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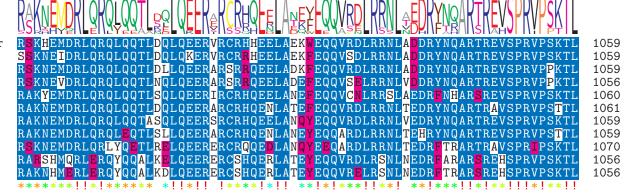


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X non conserved

X similar

> 50% conserved