

Fig. 1S

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DrosophilaPura   MSD-----L--GSGDDGISGSKYNVANMEGSSSRNDFDSSAKGRS
HumanPura        MADRDSGSEQGGAALGSGGSLGHPGSGSGGGGGGGG----GGGGGSGGGGGGAPGGLQ
                *:*                               ***_* .*          *..* .. .: * .

DrosophilaPura   GVEQELATKMLQIQSKRFYLDVKQNRRSRFIKVAEIGADGRRNPILG-SFTAAEFRDHL
HumanPura        HETQELASKRVDIQNKRIFYLDVKQNAKGRFLKIAEVGAGGNKSRLTLSMSVAVEFRDYL
                ****:* ::*_****** :.***:***:*.*.:. :      .******:*.

DrosophilaPura   SFSDYYASLSPQNTDNLPE-----DGKLGSEMMIDKYRRYYLDLKENARGRFLRVSQTIT
HumanPura        DFIEHYAQLGPSQPPDLAQADEPRRALKSEFLVRENKYYMDLKENQRGRFLRIRQTVN
                .* :***_*.*.: :* :          ****::: : *:::***** *****: **:

DrosophilaPura   RGGP----RSQIALPAQGMIEFRDALTDLLEFGANDGGRFKGDLPEERHMKVDNKNFY
HumanPura        RGPGLGSTQGQTIALPAQGLIEFRDALAKLIDYGVEEE---PAELPEGTSLTVDNKRFF
                **          . *****:*****:.*:::*.:. :      .:*** :.****.*:

DrosophilaPura   FDIGQNNRGVYMRRISEVKNNFRITSITPEKWCWIRFRDIFNDYCEKMKKSSDSITAEINLP
HumanPura        FDVGSNKYGVFMRVSEVKPTYRNSITVPYKVKWAKFGHTFCKYSEEMKKIQEKQREKRAAC
                **:*.*: **:*:*:* * .:*.***:* * * :* . * .*:*:* * .: . :

DrosophilaPura   TSSNSLK-----
HumanPura        EQLHQOQOQOQEETAATLLLOGEEEGEED
                . :. :
    
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