

TITLE: Eukaryotic Translesion DNA Synthesis on the Leading and Lagging Strands: Unique Detours Around the Same Obstacle

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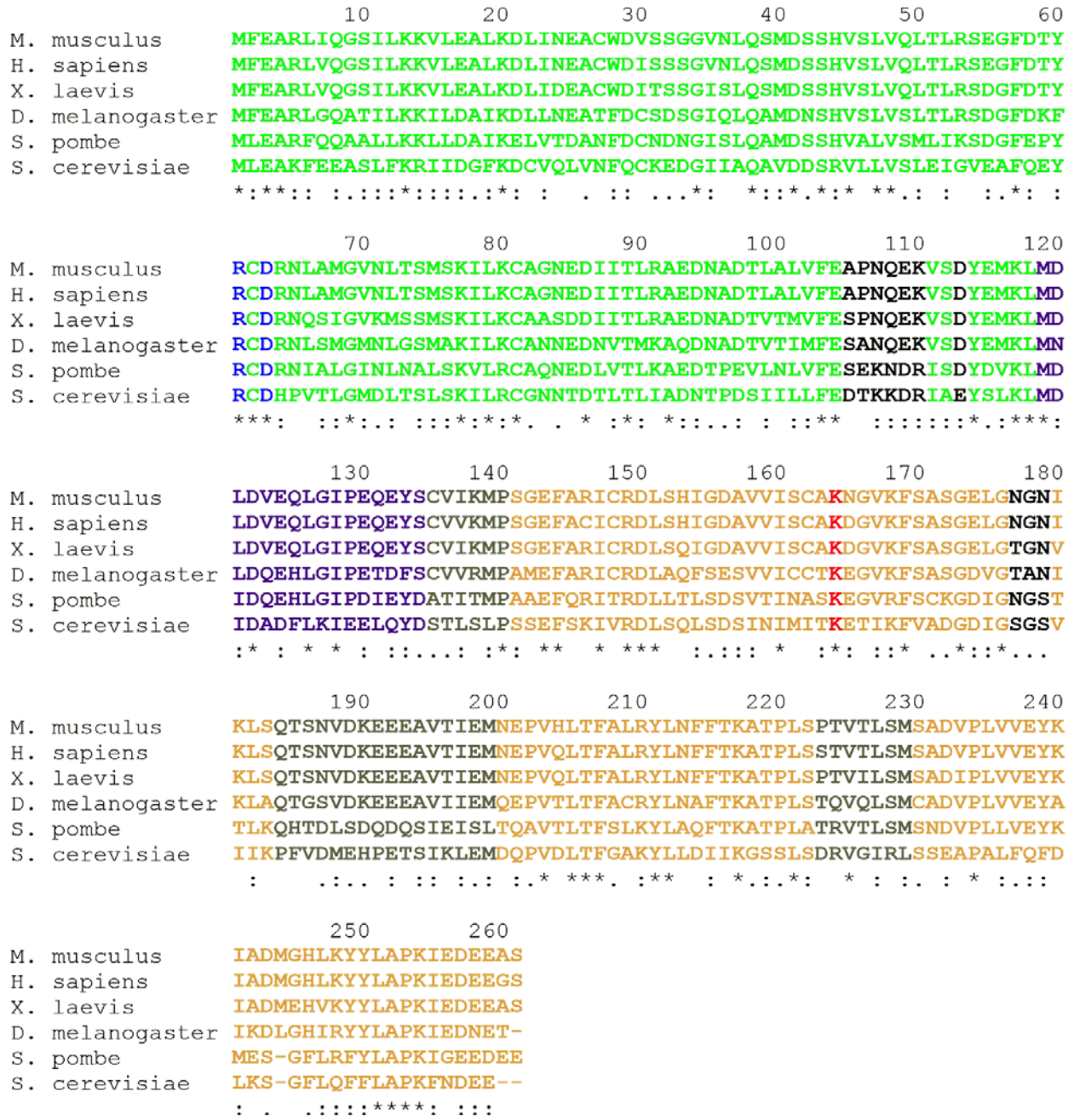
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Supporting Information

Supporting Information Figure Legend

Figure S1 Conservation of PCNA. Amino acid sequences of PCNA from *M. musculus* (mouse), *H. sapiens* (human), *X. laevis* (frog), *D. melanogaster* (fruit fly), *S. pombe* (fission yeast), and *S. cerevisiae* (budding yeast) were aligned using SDSC Biology workbench. Color scheme of highlighted residues (indicated) is identical to **Figure 11B** in the main text. Fully, strongly, and weakly conserved residues are indicated.

Supporting Information Figure



N-terminal domain

C-terminal domain

CAF-1 binding site

Ubiquitin Docking Site 2

Interdomain Connecting Loop (IDCL)

Ubiquitin Attachment Site

Ubiquitin Docking Site 1

* = Single, fully conserved residue

: = Conservation of strong groups

. = Conservation of weak groups

Figure S1