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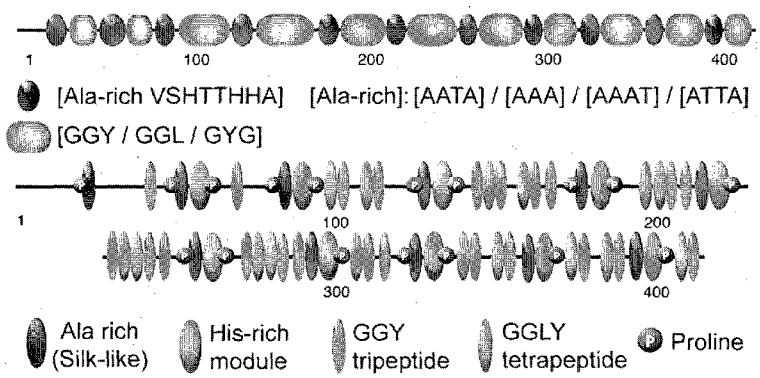
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(54) Title: COMPOUNDS AND METHODS FOR THE PRODUCTION OF SUCKERIN AND USES THEREOF



(57) Abstract: Sucker ring tooth (SRT) proteins called Suckerins were identified from the sucker tissue of three distantly related Decapodiformes species. These proteins assemble into silk-like beta-sheet reinforced materials. The use of suckerin proteins to produce fibres, films and tissue scaffolds is also described.

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