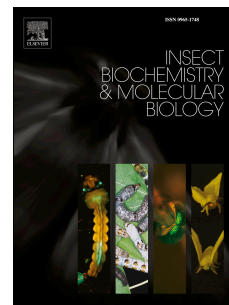


# Accepted Manuscript

*Manduca sexta* serpin-12 controls the prophenoloxidase activation system in larval hemolymph

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PII: S0965-1748(17)30219-9

DOI: [10.1016/j.ibmb.2018.05.004](https://doi.org/10.1016/j.ibmb.2018.05.004)

Reference: IB 3059

To appear in: *Insect Biochemistry and Molecular Biology*

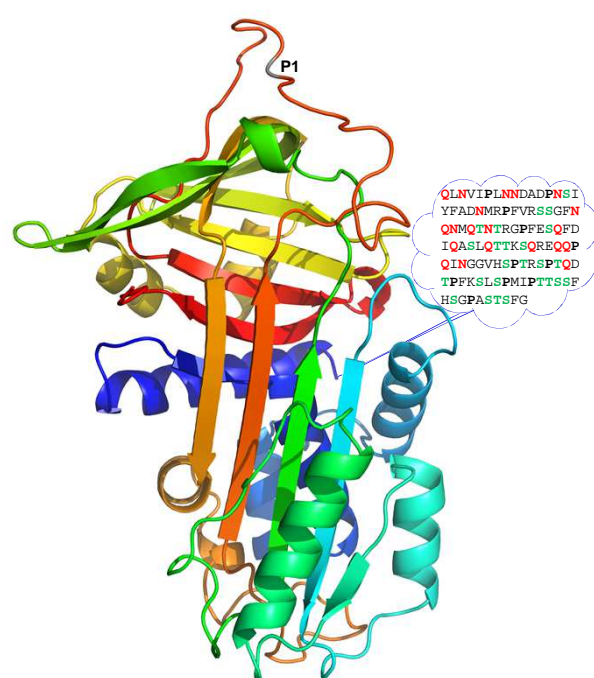
Received Date: 31 December 2017

Revised Date: 28 April 2018

Accepted Date: 14 May 2018

Please cite this article as: Yang, F., Wang, Y., Sumathipala, N., Cao, X., Kanost, M.R., Jiang, H., *Manduca sexta* serpin-12 controls the prophenoloxidase activation system in larval hemolymph, *Insect Biochemistry and Molecular Biology* (2018), doi: 10.1016/j.ibmb.2018.05.004.

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**Graph abstract:**

I-TASSER model of *M. sexta* serpin-12 domain, along with the *N*-terminal extension rich in **Q/N**, **S/T**, and **P**. The P1 residue in the reactive center loop is in gray.

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