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## **ACCEPTED MANUSCRIPT**

Combinatorial multispectral, thermodynamics, docking and site-directed mutagenesis reveal the cognitive characteristics of honey bee chemosensory protein to plant semiochemical

Jing Tan <sup>a,†</sup>, Xinmi Song <sup>a,†</sup>, Xiaobin Fu <sup>a</sup>, Fan Wu <sup>a,§</sup>, Fuliang Hu <sup>b</sup>, Hongliang Li <sup>a,\*</sup>

<sup>a</sup> Zhejiang Provincial Key Laboratory of Biometrology and Inspection & Quarantine, College of Life Sciences, China Jiliang University, Hangzhou 310018, China

<sup>b</sup> College of Animal Sciences, Zhejiang University, Hangzhou 310058, China

\* Corresponding author. Tel.: +86 571 86835774; Fax: +86 571 86914449.

E-mail address: hlli@cjlu.edu.cn (H. Li).

 $^{\dagger}$  These authors contributed equally to this work. §

The present address is "Institute of Apicultural Research, Ministry of Agriculture, Chinese Academy of

Agricultural Science, Beijing 10093, China"

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