Accepted Manuscript

Focca6, a truncated nAChR subunit, positively correlates with spinosad resistance in the western flower thrips, *Frankliniella occidentalis* (Pergande)

Yanran Wan, Guangdi Yuan, Bingqing He, Baoyun Xu, Wen Xie, Shaoli Wang, Youjun Zhang, Qingjun Wu, Xuguo Zhou

PII: S0965-1748(18)30182-6

DOI: 10.1016/j.ibmb.2018.05.002

Reference: IB 3057

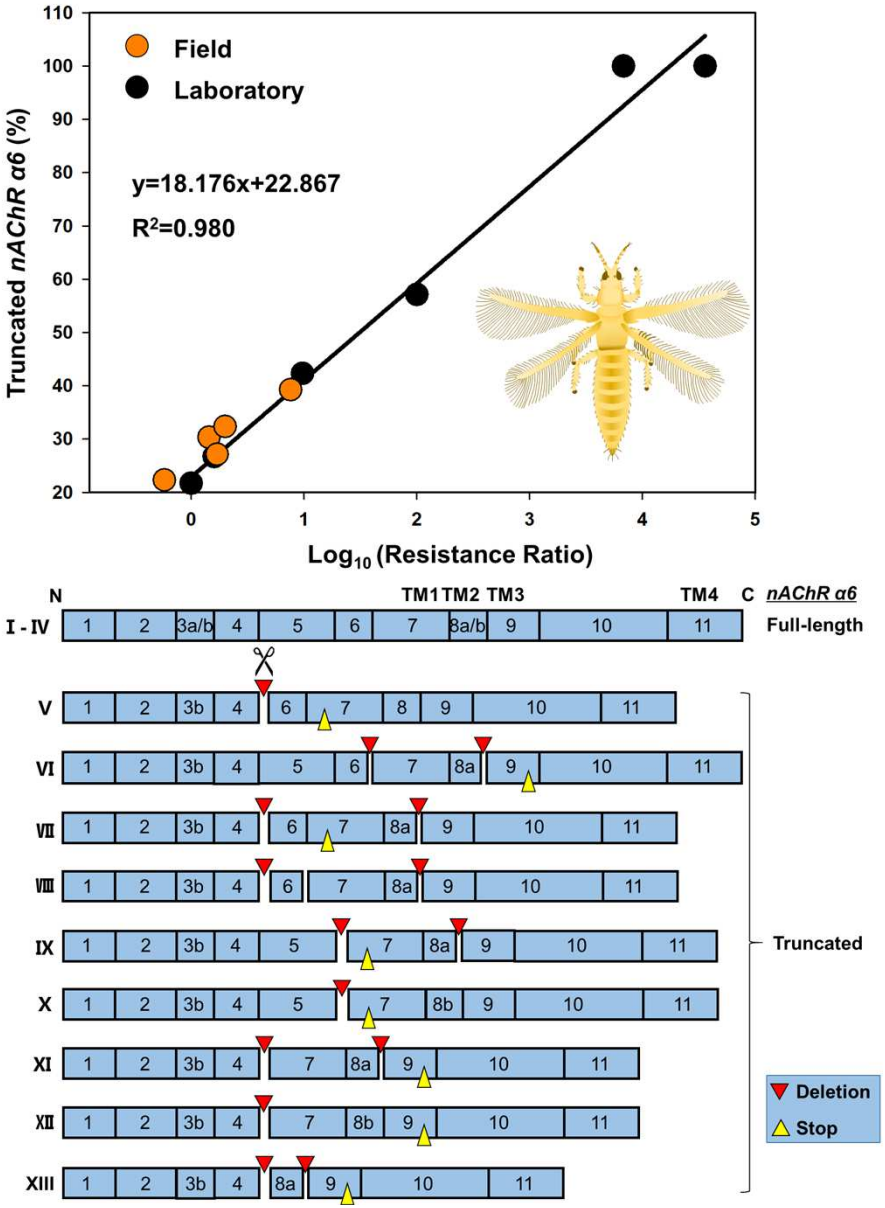
To appear in: *Insect Biochemistry and Molecular Biology*

Received Date: 5 December 2017

Revised Date: 7 February 2018

Accepted Date: 7 May 2018

Please cite this article as: Wan, Y., Yuan, G., He, B., Xu, B., Xie, W., Wang, S., Zhang, Y., Wu, Q., Zhou, X., *Focca6,* a truncated nAChR subunit, positively correlates with spinosad resistance in the western flower thrips, *Frankliniella occidentalis* (Pergande), *Insect Biochemistry and Molecular Biology* (2018), doi: 10.1016/j.ibmb.2018.05.002.


Field
Laboratory
y=18.176x+22.867
R²=0.980
Truncated nAChR α6 (%)
Log10 (Resistance Ratio)
N
TM1 TM2 TM3
TM4
C
nAChR α6
I - IV
Full-length
V
VI
VII
VIII
IX
X
XI
XII
XIII
Truncated
Deletion
Stop