

RNAi studies in insects in China

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RNA interference (RNAi) is a powerful tool for rapidly analyzing gene functions. Here we focus on the recent new development in insect RNAi studies in China. The authors have shown that RNAi of several genes, including chitin synthase gene A, trehalase genes, trehalose phosphate synthase gene and ecdysone receptor gene was effective in a lepidopteran pest *Spodoptera exigua* and a hemipteran pest *Nilaparvata lugens*. In addition, RNAi results of a few other species, including *Helicoverpa armigera*, *Plutella xylostella* and *Bombyx mori* will also be introduced.

Key words: RNA interference, insects, China