



**Fig. S1 Mutation detection of voltage-gated sodium channel and nicotinic acetylcholine receptors in *Megalurothrips usitatus* and *Thrips palmi*** (A) Topological map of the VGSC  $\alpha$  subunit of *Megalurothrips usitatus* and *Thrips palmi*. (B) Mutation for VGSC  $\alpha$  subunit genes in *Megalurothrips usitatus* and *Thrips palmi*. (C) Topological map of the nAChR  $\alpha$  and  $\beta$  subunit of *Megalurothrips usitatus* and *Thrips palmi*. (D) Mutation for nAChR  $\alpha$  and  $\beta$  subunit genes in *Megalurothrips usitatus* and *Thrips palmi*. Red circles represent *Megalurothrips usitatus* and blue circles represent *Thrips palmi*.