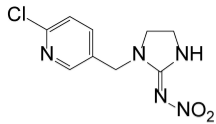
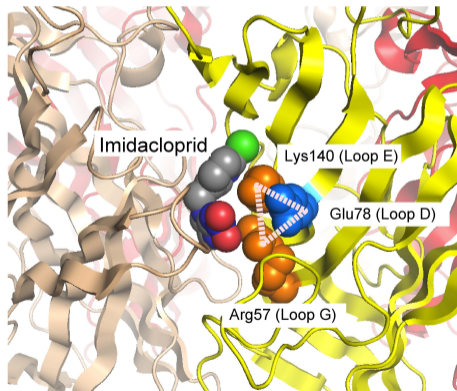
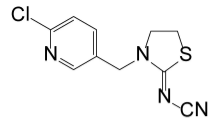


A**B**

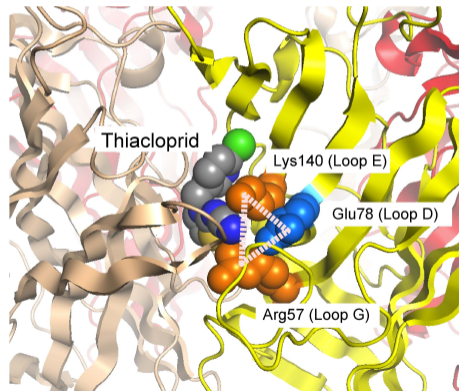
(+)Principal
side

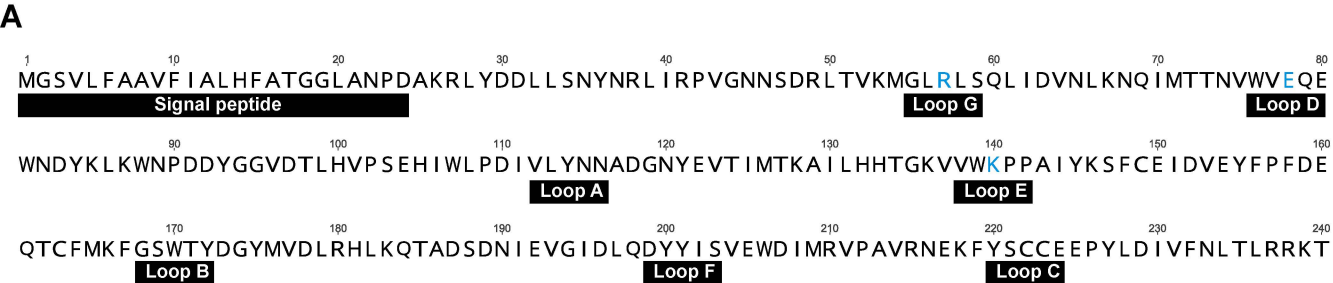
(-)Complementary
side

**C**

(+)Principal
side

(-)Complementary
side





B

Insect nAChR subunits

		Loop G	Loop D	Loop E
<i>Bombyx mori</i> α1 (NP_001103388)	(53)	G L R L S	(74) W V E Q E	(136) V W K P P
<i>Drosophila melanogaster</i> α1 (NP_524481)	(55)	G L R L S	(76) W V E Q E	(138) V W K P P
<i>Myzus persicae</i> α1 (CAA57476)	(54)	G L R L S	(75) W L E H E	(137) M W T P P
<i>Bombyx mori</i> α2 (NP_001103397)	(52)	G L R L S	(73) W L E H E	(135) L W T P P
<i>Drosophila melanogaster</i> α2 (NP_524482)	(75)	G L R L S	(96) W L E H E	(158) V W T P P
<i>Myzus persicae</i> α2 (CAA57477)	(59)	G L K L S	(80) W V E Q E	(142) V W T P P
<i>Bombyx mori</i> β1 (NP_001166819)	(66)	G L A F V	(87) W L R L V	(149) L W V P P
<i>Drosophila melanogaster</i> β1 (NP_523927)	(58)	G L A F V	(79) W L R L V	(141) L W V P P
<i>Myzus persicae</i> β1 (CAB87995)	(58)	G L A F V	(79) W L R L V	(141) L W I P P
<i>Drosophila melanogaster</i> β2 (NP_524483)	(60)	G L K L S	(81) W V K Q R	(143) F W E P P

Vertebrate nAChR subunits

<i>Gallus gallus</i> α3 (NP_989747)	(56)	E V S M S	(77) W L K H I	(139) T W I P P
<i>Homo sapiens</i> α3 (NP_000734)	(65)	E V S M S	(86) W L K Q I	(148) T W I P P
<i>Gallus gallus</i> α4 (NP_990145)	(62)	G L S I A	(83) W V K Q E	(145) K W M P P
<i>Homo sapiens</i> α4 (NP_000735)	(67)	G L S I A	(88) W V K Q E	(150) Q W T P P
<i>Gallus gallus</i> α7 (NP_989512)	(56)	T L S L M	(77) W L Q M Y	(139) Q Y L P P
<i>Homo sapiens</i> α7 (NP_000737)	(56)	S L S L L	(77) W L Q M S	(139) Q Y L P P
<i>Gallus gallus</i> β2 (NP_990144)	(54)	M V S L A	(75) W L T Q E	(137) F W L P P
<i>Homo sapiens</i> β2 (NP_000739)	(61)	M V S L A	(82) W L T Q E	(144) F W L P P
<i>Gallus gallus</i> β3 (NP_990143)	(56)	G L K I S	(77) W L K Q E	(139) T W M P P
<i>Homo sapiens</i> β3 (NP_000740)	(59)	G L K I S	(80) W L K Q E	(142) V W T P P

