

Table S1. GenBank accession numbers of TLRs form other insect species.

Toll/TLR	Species	GenBank accession No.
TLR	<i>Helicoverpa armigera</i>	XP_021197312.1
TLR3	<i>Helicoverpa armigera</i>	XP_021187138.1
TLR4	<i>Helicoverpa armigera</i>	XP_021190980.1
Tollo	<i>Helicoverpa armigera</i>	XP_021181728.1
TLR6	<i>Helicoverpa armigera</i>	XP_021181725.1
TLR7	<i>Helicoverpa armigera</i>	XP_021193405.1
TLR13	<i>Helicoverpa armigera</i>	XP_021199918.1
TLR	<i>Bombyx mori</i>	XP_004925675.1
18w	<i>Bombyx mori</i>	NP_001116821.1
TLR3	<i>Bombyx mori</i>	XP_012549875.2
TLR4	<i>Bombyx mori</i>	XP_012546905.2
TLR6	<i>Bombyx mori</i>	XP_012553339.2
TLR7	<i>Bombyx mori</i>	XP_004921732.2
Tollo	<i>Bombyx mori</i>	XP_004921742.1
TLR	<i>Trichoplusia ni</i>	XP_026724543.1
TLR6	<i>Trichoplusia ni</i>	XP_026733863.1
TLR7	<i>Trichoplusia ni</i>	XP_026733855.1
Tollo	<i>Trichoplusia ni</i>	XP_026733502.1
TLR13	<i>Trichoplusia ni</i>	XP_026737397.1
18w	<i>Apis mellifera</i>	NP_001013379.1
TLR6	<i>Apis mellifera</i>	XP_393712.2
Tollo	<i>Apis mellifera</i>	XP_393713.3
Toll	<i>Drosophila melanogaster</i>	AA028941.1
18w	<i>Drosophila melanogaster</i>	AAF57509.1
Toll3	<i>Drosophila melanogaster</i>	AAF54021.3
Toll4	<i>Drosophila melanogaster</i>	AAF52747.3
Toll5	<i>Drosophila melanogaster</i>	AAF53306.1
Toll6	<i>Drosophila melanogaster</i>	AAF49645.1
Toll7	<i>Drosophila melanogaster</i>	AAF57514.1
Tollo	<i>Drosophila melanogaster</i>	AAF49650.1
Toll9	<i>Drosophila melanogaster</i>	AAF51581.1
TLR	<i>Manduca sexta</i>	XP_030022832.2
TLR2	<i>Manduca sexta</i>	XP_030022594.2
TLR3	<i>Manduca sexta</i>	XP_030032678.1
TLR6	<i>Manduca sexta</i>	XP_030022524.1
TLR7	<i>Manduca sexta</i>	XP_030022522.1
Tollo	<i>Manduca sexta</i>	XP_030027852.2
TLR	<i>Spodoptera litura</i>	XP_022826408.1
TLR3	<i>Spodoptera litura</i>	XP_022823165.1
TLR4	<i>Spodoptera litura</i>	XP_022821797.1
TLR6	<i>Spodoptera litura</i>	XP_022828061.1
TLR7	<i>Spodoptera litura</i>	XP_022828080.1
Tollo	<i>Spodoptera litura</i>	XP_022828179.1
TLR	<i>Pieris rapae</i>	XP_022126205.1
Tollo	<i>Pieris rapae</i>	XP_022117126.1
TLR3	<i>Pieris rapae</i>	XP_022116081.1
TLR6	<i>Pieris rapae</i>	XP_022121761.1
TLR7	<i>Pieris rapae</i>	XP_022129543.1
TLR	<i>Aedes aegypti</i>	XP_021713350.1
TLR7	<i>Aedes aegypti</i>	XP_001655730.1
Tollo	<i>Aedes aegypti</i>	XP_001649813.1
TLR13	<i>Aedes aegypti</i>	XP_021701630.1
TLR	<i>Leptinotarsa decemlineata</i>	XP_023026371.1
TLR3	<i>Leptinotarsa decemlineata</i>	XP_023021962
Tollo	<i>Leptinotarsa decemlineata</i>	XP_023024566.1
TLR6	<i>Leptinotarsa decemlineata</i>	XP_023013197.1
TLR7	<i>Leptinotarsa decemlineata</i>	XP_023022264
TLR13	<i>Leptinotarsa decemlineata</i>	XP_023020393.1

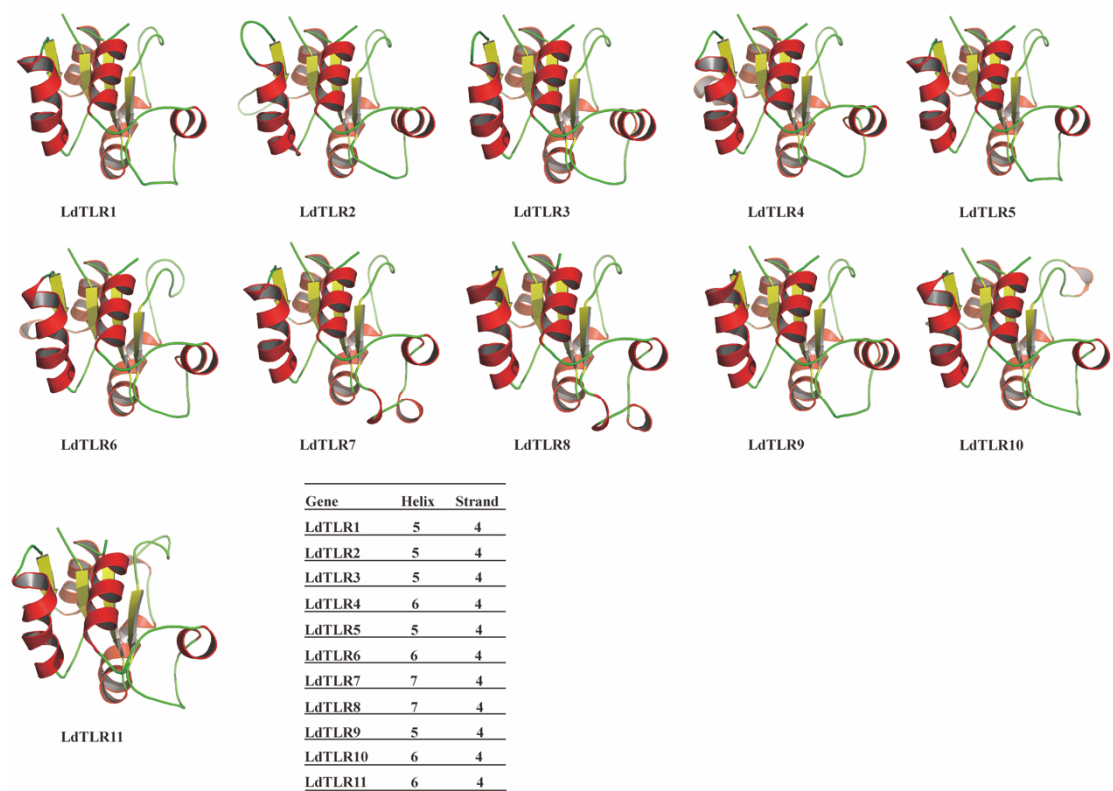


Figure S1. 3D structures of TIR domains in 11 LdTLRs.