Table S1. Sequences from the National Center for Biotechnology Information (NCBI) database used in off-target analysis.

Organism	*SERCA* sequence	*CPR* sequence
Homo sapiens	NM_170665.4	AF258341.1
Bos taurus	NM_001191430.1	NM_001035390.1
Mus musculus	NM_009722.3	NM_008898.3
Oryctolagus cuniculus	NM_001089321.1	KT989504.1
Drosophila melanogaster	NM_001299867.1	MK421642.1
Tetranychus urticae	XM_015934136.2*	XM_025161751.1*
Tribolium castaneum	XM_961690.5*	XM_064354688.1*
Apis mellifera	XM_006565218.3*	XM_006569706.3*
Copidosoma floridanum	XM_014349070.2*	XM_014349865.2*
Coccinella septempunctata	XM_044898895.1*	XM_044898850.1*
Helicoverpa armigera	XM_021329291.3*	KF419215.1
Bemisia tabaci	XM_019058702.1*	XM_019058755.1*
Trichogramma pretiosum	XM_014378841.2*	XM_014373021.2*
Myzus persicae	XM_022327279.1*	XM_022314896.1*
Diabrotica virgifera virgifera	XM_050642531.1	XM_050646178.1*
Chrysoperla carnea	XM_044877169.1*	XM_044877213.1*
Solenopsis invicta	XM_039446274.1	NM_001364888.1*
Frankliniella occidentalis	XM_052269470.1*	XM_052271253.1*

Sequences marked with an asterisk (*) are predicted sequences.