

Supplementary Materials: In Vitro Effect of the Synthetic cal14.1a Conotoxin, Derived from *Conus californicus*, on the Human Parasite *Toxoplasma gondii*

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(A)

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cal14.1a  GDCPPWCVGA--RCRAEKC
          .***.*..:   *   *
lt14a    -MCPPLCKPS---CTN--C
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(B)

cal14.1a	GD	C	PPW	C	VGAR	C	RAEK	C
cal14.1b	GD	C	PPW	C	VGAR	C	RAGK	C
cal14.2a	RE	C	PPW	C	PTSH	C	NAGT	C
cal14.2b	RE	C	PPR	C	PTSH	C	NAGT	C
cal14.2c	RD	C	PPW	C	PTSH	C	NAGT	C
cal14.3	RQ	C	PPW	C	SGEP	C	RKGT	C
lt14a	M	C	PPL	C	KPS	C	TN	C *

Figure S1. Comparison of some predicted J2-superfamily members. (A) Alignment of cal14.1a and lt14a by CLUSTAL W2, pairwise sequence alignment (edited). (B) Multiple alignment of several conotoxins belonging J2 superfamily. The asterisk indicated an amidated C-terminus. The gray column indicated the conserved cysteine residues.