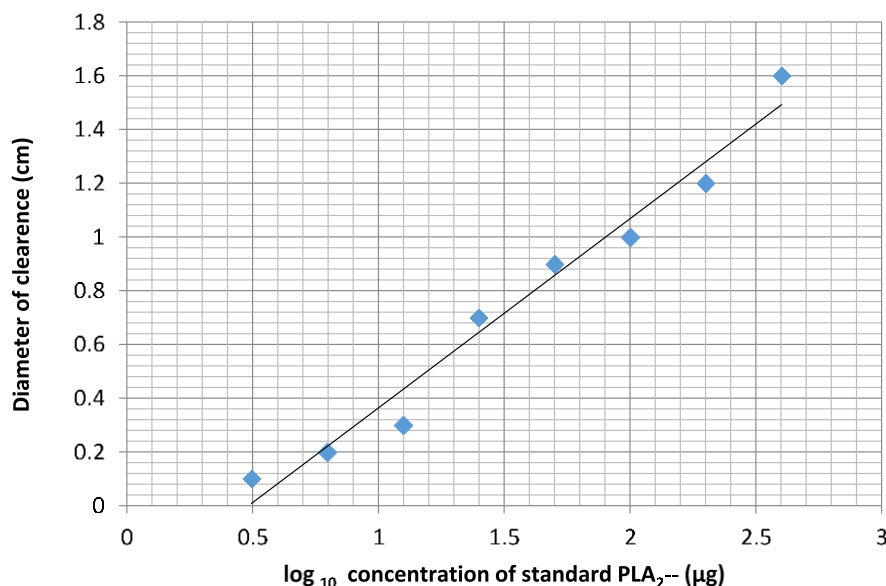


# Supplementary Materials: Molecular Characterization of Three Novel Phospholipase A<sub>2</sub> Proteins from the Venom of *Atheris chlorechis*, *Atheris nitschei* and *Atheris squamigera*

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**Figure S1.** Dose-response curve of diameter of PLA<sub>2</sub> clearance zones against log<sub>10</sub> enzyme concentration of the standard PLA<sub>2</sub> from honey bee venom. Linear regression analysis was employed, and the regression equation ( $Y = 0.7039X - 0.34$ ) was obtained to analyze the equivalent PLA<sub>2</sub> content of sample venoms. The clearance zones of samples in the agarose/egg yolk suspension plate assay were used to estimate content of PLA<sub>2</sub>s in sample venom fractions. The results are summarized in Table S1.

**Table S1.** Clearance zones and corresponding estimated quantities of PLA<sub>2</sub> in sample venoms from *A. chlorechis*, *A. nitschei* and *A. squamigera*.

Fraction Number		Diameter of PLA <sub>2</sub> Clearance Zone (cm)	Predicted Content of PLA <sub>2</sub> in HPLC Fractions (μg)
<i>A. chlorechis</i>	103	3.25	8.12
	104	3.00	8.71
<i>A. nitschei</i>	106	4.75	14.45
	107	5.00	15.49
	108	5.75	19.95
	109	6.00	21.88
<i>A. squamigera</i>	105	2.50	6.92
	106	3.00	8.12
	107	2.50	6.92
	113	3.25	8.71