SUPPLEMENTARY MATERIAL FOR:

Globospiramine from *Voacanga globosa* Exerts Robust Cytotoxic and Antiproliferative Activities on Cancer Cells by Inducing Caspase-Dependent Apoptosis in A549 Cells and Inhibiting MAPK14 (p38α): In Vitro and Computational Investigations

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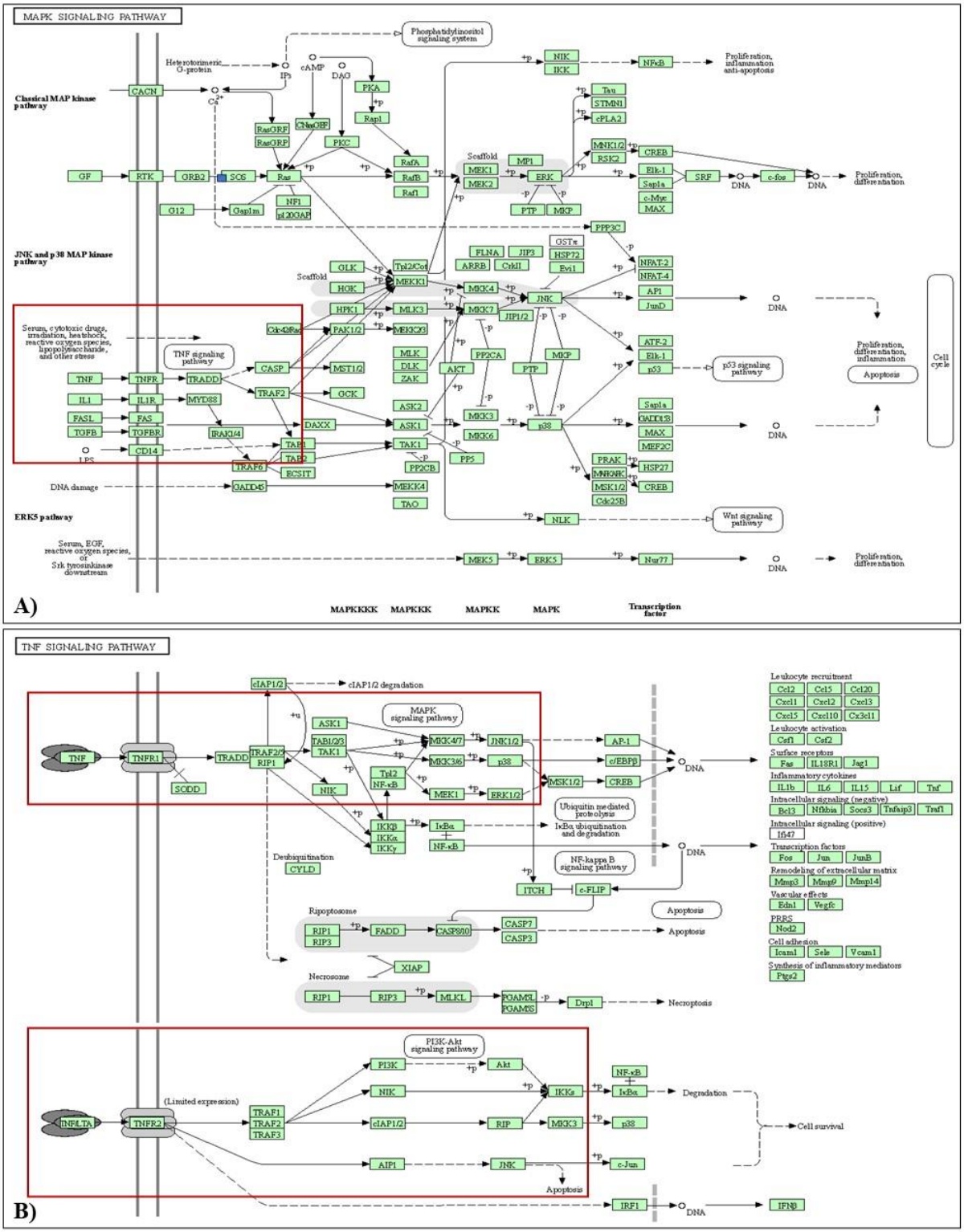
LIST OF SUPPLEMENTARY MATERIALS

Supplementary Table S1. Number of retrieved gene targets for globospiramine (**1**) and each sensitive cell line from databases.

Compound / Cell Lines	SWISS Target Prediction	PharmMapper	DisGeNET + GeneCards
Globospiramine	100	291	-
MCF-7	-	-	8574
PC-3	-	-	10475
SKOV-3	-	-	1065
KB3.1 or HeLa	-	-	8635

(-) = not applicable. Duplicated genes were counted under SWISS Target Prediction for globospiramine (**1**) targets. DisGeNET and GeneCards genes were combined after duplicate removal.



Supplementary Figure S1. Visualized KEGG pathway maps of (**A**) MAPK signaling pathway and (**B**) TNF signaling pathway. MAPK signaling pathway is shown downstream of TNF. Other well-established therapeutic pathway targets are shown in the TNF and PI3K-AKT signaling pathways.