**SUPPLEMENTARY MATERIAL S1**

**Protein carbonylation as potential mediator in larvicidal mechanisms of *Tabernaemontana cymosa* ethanolic extract**

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**Proteins identified in carbonylated bands**

Mascot search results and coverage for each protein identified are showed. Data of MALDI-TOF MS analyses were acquired in a 4800 Plus Proteomics Analyzer MALDI-TOF/TOF mass spectrometer (Applied Biosystems, MDS Sciex, Toronto, Canada) at the Proteomics Unit of Complutense University of Madrid. Searches were performed in the NCBInr database 160208 (79581714 sequences; 29080698065 residues) without taxonomy restriction, using MASCOT 2.3 (www.matrixscience.com) through the software Global Protein Server v 3.6 (ABSciex). Parameters used were: carbamidomethyl Cystein as fixed modification and oxidized methionine as variable modification, Peptide mass tolerance, 50-100 ppm and 1 missed trypsin cleavage site. Results are listed in independent PDF files according numbers of table 3.