Supplementary Material

Extracellular vesicles from the third-stage larvae of the zoonotic parasite *Anisakis pegreffii* deliver proteins implicated in host-parasite adaptation and pathogenesis

**Marialetizia Palomba1¶, Aurelia Rughetti2¶, Giuseppina Mignogna3, Tiziana Castrignanò1, Hassan Rahimi2, Laura Masuelli2, Chiara Napoletano2, Valentina Pinna1, Alessandra Giorgi3, Mario Santoro4, Maria Eugenia Schinina3, Bruno Maras3, Simonetta Mattiucci5\***

**\* Correspondence:** Corresponding Author: simonetta.mattiucci@uniroma1.it

**Supplementary Figure 1.** Analysis of enriched gene ontology (GO) terms. The size of each dot represents the number of proteins enriched in that term, while the color represents the corrected p-value. p.adjust<0.05 was considered significant.

**Supplementary Figure 2.** Analysis of enriched KEGG pathway. The size of each dot represents the number of proteins enriched in that pathway, while the color represents the corrected p-value. p.adjust<0.05 was considered significant.

**Supplementary Data 1.** List of proteins identified by MS from EVs isolated from *A. pegreffii* L3.

**Supplementary Data 2.** S2 File. List of codes reported in Figure 6.