



**Figure S1.** Chromatographic spheres extracted from 5 larvae for each time (10 min (**a**), 3 h (**b**) and 6 h (**c**) after OP injection, ( $n = 3$  replicates). We classified the following level of encapsulation: 0, unencapsulated (no haemocytes layer); 1, the thickness of capsule is one or more than one layer, but less than a half of the bead's radius; 2, the thickness of capsule is equal or more than a half of the bead's radius.