

Supplementary file 2:



**Figure 1: Morphological identification of the wild-caught sandfly.** A: Adult female *P. papatasi*. The primary features used for female sandfly identification were B: the pharynx in the head, C: the cibarium in the head and D: the spermatheca in the abdomen. Images show the shape of the pharynx and the cibarium in the head of the female *P. papatasi*, also showing the segmented capsule of spermatheca with striated spermathecal duct of *P. papatasi*.