



**Supplementary Figure S3: Specificity of the probes Dd04 and Ng02 tested on *G. duebeni* embryos infected with *N. granulosis* or *D. duebenum* microsporidia.**

Microsporidian and host nuclei are in blue (DAPI), while microsporidian meronts appear in red when specific *in situ* probes (Dd04 or Ng02) hybridized to their rRNAs. H: host nucleus, P: microsporidian nucleus. Red background on upper right and lower left pictures corresponds to egg's yolk autofluorescence, which appears due to longer exposure times