



**Supplemental Figure S5 A)** left panel) Proportion of genes in each category present and with annotation data in the Fly-FISH database. Middle panel). For genes, which do have localization terms, the proportion of transcripts being found as maternally deposited and/or zygotically expressed in developmental stages 1-3 and stages 4-5. Right panel). Proportions of transcripts as being annotated as ubiquitously distributed within the embryo or specifically localized. Categories as in Fig. 5A. **B)** FISH transcript localization examples from the early fly RBPome. Oskar and two other candidate RBPs with posterior transcript localization enrichment (left). Candidate RBPs with cytoskeleton associated GO-terms and posterior transcript localization enrichment (middle) or organized in segmented patterns (right). All images have been extracted from Fly-FISH database (Lécuyer et al. 2007).