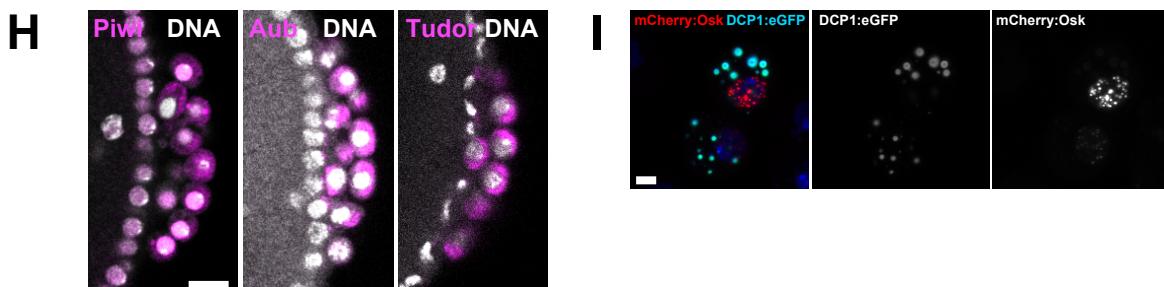
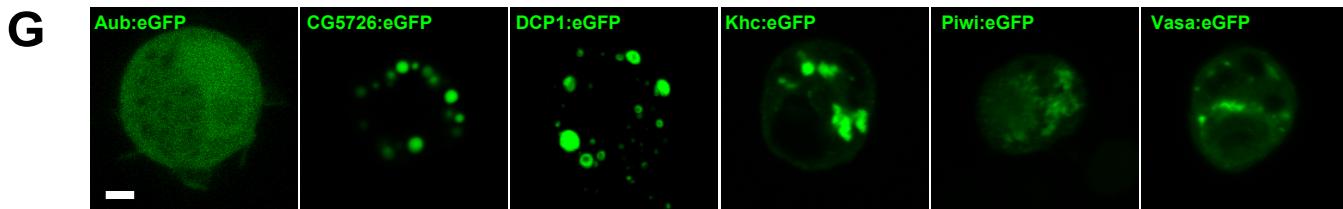


**E**

Biological Process	P value	# genes	Example
Germ cell dev.	$1.6 \times 10^{-9}$	37	Dcp1, Vas, Not1, Kra, Caf1
Post-transc. gene exp.	$8.9 \times 10^{-5}$	14	Dcp1, Piwi, Caf1, Imp, Cup
Pole cell dev.	$3.3 \times 10^{-4}$	7	Vas, Aub, Tud, Piwi, Rump
Molecular function	P value	# genes	Example
mRNA binding	$2.4 \times 10^{-5}$	11	BicC, Dcp1, HnRNP-K, Clu, Rump, Nito
RNA binding	$1.7 \times 10^{-6}$	28	BicC, Nat1, Piwi, Dcp1, HnRNP-K, Aub, Clu, Rump, Nito, Vas
Nucleotide binding	$1.2 \times 10^{-6}$	33	Upf1, Khc, Klp3A, Mcm3, Mcm5, Dpa, Ids, Pont, Rump, Nito, Vas, Wispy
RNP complex binding	$1.5 \times 10^{-4}$	6	Mtor, Clu, EIF-2alpha, Kra
Helicase	$1.7 \times 10^{-6}$	8	Upf1, Mcm3, Mcm5, Dpa, Ids, Pont, Vas



**Figure 3 - figure supplement 1**