DROSOPHILA GENMAPS DATABASE RECORD PRINTOUT - 1/11/95 9b

source_number 1066

Return corrections to John Merriam, UCLA Biology,
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FBrf0075234

full_location 37C

table_numbers 1 cross_locations

gene_name sibless

gene_abbrev sib

product

1 kb_cloned_genom 50 vector_genomi CosPneo

kb_cloned_cDNA 0 vector_cDNA

METHOD: expression walk_jump_org YACs 0

microcloning oligonucleotide

homology transposon_tag xxx

clonetechtext transposon tagging with P element tag, PCR amplified flanking DNA

2 rearrangement

3 T_strain

markers

5 kb_seq_genomic 0 acc_number_gen kb_seq_old 0

kb_seq_cDNA 0 acc_number_cDNA

comments

ORF_size

ORF_functio

ORF_domain

6 kb_trans_size

transc_dist

7 protein_dist

8 fusion_dist

misc_info sib females have good viability, but only lay a few (~10-20) eggs in the first few days after eclosion. Then they have tiny, aganetic ovaries. Our current interpretation is that the germ cells differentiate directly into egg chambers rather than dividing as stem cells, so that all germ cells are quickly

full citation Kelley R. The squid (sqd) gene encodes an RNA-binding protein required for dorsoventral axis formation. 33rd Annual Drosophila Research Conference 1992.

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keywords