FbrF0075254

DROSOPHILA GENMAPS DATABASE RECORD PRINTOUT - 6/4/93
Return corrections to John Merriam, UCLA Biology,
Los Angeles, CA 90026-1606; FAX [redacted]

In(3R)Slo

source_numbe 1920

full_location 96A17
table_numbers 1,2,5,6 cross_locations

gene_name slowpoke
gene_abbrev slo
product

1 kb_cloned_genom 60 vector_genomi
kb_cloned_cDNA 4.2 vector_cDNA

METHOD: expression walk_jump_org xxx YACs 0
microcloning oligonucleotide
homology transposon_tag

clonetechtext walk initiated with E(spl) DNA & Inslo-4 used to get into slo region

2 rearrangement Inslo-4 (3R) → In(3R)s-0-4

3 T_strain
markers

5 kb_seq_genomic 0 acc_number_gen kb_seq_old 0
kb_seq_cDNA 4.2 acc_number_cDNA M69053
comments
ORF_size 1184
ORF_functio structural component of Ca-2+ activated K+ channels H5 & S4 domains similar to
ORF_domain 7 hydrophobic domains, putative EF hand and ATP binding site

6 kb_trans_size 5.8, 11
transc_dist

7 protein_dist

8 fusion_dist

misc_info ORF_function con't- voltage gated K+ channels.

full citation Atkinson NS; Robertson GA; Ganetzky B. A component of calicum-activated potassium channels encoded by the Drosophila slo locus. Science 1991 Aug 2;253(5019):551-5.

contact_person Atkinson NS ph FAX
lab_address Department of Zoology
address_line1 University of Texas
address_line2 Austin, Texas 78712
address_line3
address_line4

keywords GENBANK/M69053

DROSOPHILA GENMAPS DATABASE REPORT FORM

Return to John Merriam, UCLA Biology, Los Angeles, CA 90026-1606: FAX 310 [redacted]

1920 K C
A C.
6/4

location: 96A17 keys for this paper: 1, 2, 5, 6

gene/mutant name: slowpoke

abbreviation: slo

biochemical name/product:

(1) CLONES:

kb_genomic: 60 vector/library name:

kb_cDNA: 4.2 vector/library name:

METHOD: [illegible] In(3R)slo4 [illegible]

prior clone: walk: XXX

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: transposon tag:

(2) REARRANGEMENTS: In(3R)slo4

(3) TRANSFORM INSERTS:

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: 4.2 accession number: M69053

ORF-size: 1184

ORF_function/homology group: structural comparison of Ca^{2+} activated K^+ channels. [illegible] voltage gated K^+ channels

ORF_domains: 7 hydrophobic domains, [redacted] [illegible]

(6) TRANSCRIPT DESCRIPTION:

transcript_size: 5.8, 11

distribution:

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution:

MISC_INFO:

DROSOPHILA GENMAPS DATABASE RECORD PRINTOUT - 6/4/93
Return corrections to John Merriam, UCLA Biology,
Los Angeles, CA 90026-1606; FAX [redacted]

source_numbe 1920

full_location 96F5,8

table_numbers 2 cross_locations

gene_name

gene_abbrev

product

1 kb_cloned_genom 0 vector_genomi

kb_cloned_cDNA 0 vector_cDNA

METHOD: expression walk_jump_org YACs 0

microcloning oligonucleotide

homology transposon_tag

clonetechtext

2 rearrangement ~~Inslo-4~~ In(3R)slo-4

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

full citation Atkinson NS; Robertson GA; Ganetzky B. A component of calicum-activated potassium channels encoded by the Drosophila slo locus. Science 1991 Aug 2;253(5019):551-5.

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keywords GENBANK/M69053

DROSOPHILA GENMAPS DATABASE REPORT FORM 30 1920

Return to John Merriam, UCLA Biology, Los Angeles, CA 90026-1606: FAX [redacted]

location: 96F5-8 keys for this paper: 2

gene/mutant name:

abbreviation:

biochemical name/product:

(1) CLONES:

kb_genomic: vector/library name:

kb_cDNA: vector/library name:

METHOD:

prior clone: walk:

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: transposon tag:

(2) REARRANGEMENTS: In(3R)slo-4

(3) TRANSFORM INSERTS:

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: accession number:

ORF-size:

ORF_function/homology group:

ORF_domains:

(6) TRANSCRIPT DESCRIPTION:

transcript_size:

distribution:

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution:

MISC_INFO: