

A

supercont1.197:947,712-949,305

1,652 bp

947,800 bp 948,000 bp 948,200 bp 948,400 bp 948,600 bp 948,800 bp 949,000 bp 949,200 bp

Ensembl Annotation

Blood-fed

Sugar-fed

HMMSplicer Predictions

The figure displays genomic tracks for the gene AAEL006259-RA. At the top, a black bar indicates the gene's location on chromosome 2L. Below this, two tracks show RNA-seq signal (blue bars) across the gene region. The y-axis for the top track ranges from 0 to 8,449, and for the bottom track from 0 to 5,996. Two specific regions are highlighted with red text and arrows:

- Region 1:** Located at position 1125,229. It shows a gene model with three exons (black boxes) and two introns (lines with arrows). The annotation below reads: SOLEXA2:5:86:736:1645#0/1|junc=2.
- Region 2:** Located at position 1352,0836. It shows a gene model with two exons and one intron. The annotation below reads: SOLEXA2:5:31:1569:1041#0/1|junc=4026.

B

supercont1.510:677-22,188

21 kb

2 kb 4 kb 6 kb 8 kb 10 kb 12 kb 14 kb 16 kb 18 kb 20 kb 22 kb

Ensembl Annotation

Blood-fed

Sugar-fed

HMMSplicer Predictions

C

supercontig1.42:2,191,317-2,191,986

668 bp

2,191,400 bp 2,191,500 bp 2,191,600 bp 2,191,700 bp 2,191,800 bp 2,191,900 bp

Ensembl Annotation

Blood-fed

Sugar-fed

HMMSplicer Predictions