The motor programs underlying navigation in *Drosophila* larva

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Introduction

We will look at the motor behaviour of the *Drosophila* larva during forward motion and head-sweeps, paying attention to which segments are used, in which order, etc.
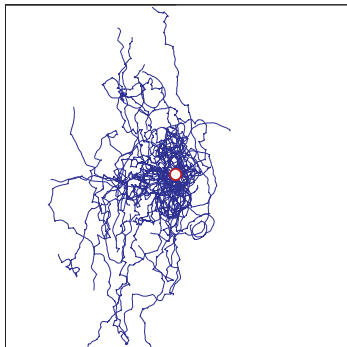
We want to get some insight into the circuits that control this behaviour and the role of sensory feedback by quantifying the motor output at high resolution.

Outline

1. Head-sweep and locomotory behaviour

Section 1

Head-sweep and locomotory behaviour

Alternating runs and reorientations.

Like *E. coli* and *C. elegans*.

"Point-like" sensor.