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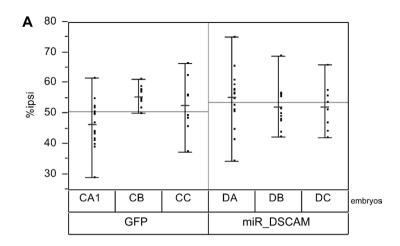
## **SUPPLEMENTARY MATERIAL**

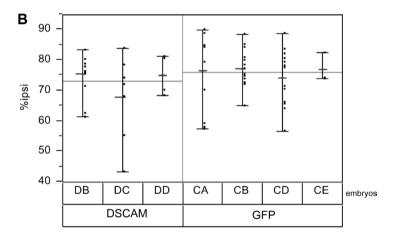
## corresponding to:

## Roles of DSCAM in axonal decussation and fasciculation of chick spinal interneurons

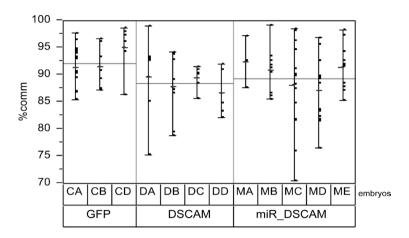
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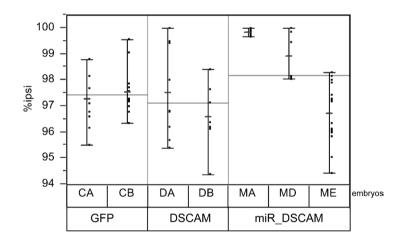




Suppl. Fig. S1. Loss and gain of function of Down syndrome cell adhesion molecule (Dscam) in the axonal decussation and fasciculation of chick spinal interneurons *Dscam* in dl1 neurons. Distribution of each embryo's results within each group. (A) The percentage of ipsilateral projecting dl1 axons from the total longitudinal dl1 axons following specific expression of miR<sup>Dscam</sup> in dl1 neurons. (B) The percentage of ipsilateral projecting dl1 axons from the total longitudinal dl1 axons following specific expression of Dscam in dl1 neurons. The blue lines represent the average of each embryo. The purple lines indicate the average of each group.



**Suppl. Fig. S2. Loss and gain of function of** *Dscam* **in dl2 neurons.** *Distribution of each embryo's results within each group. The percentage of contralateral projecting dl2 axons from the total longitudinal dl2 axons following specific expression of miRDscam or Dscam in dl2 neurons. The blue lines represent the average of each embryo. The purple lines indicate the average of each group.* 



**Suppl. Fig. S3. Loss and gain of function of** *Dscam* **in dl3 neurons.** Distribution of each embryo's results within each group. The percentage of ipsilateral projecting dl3 axons from the total longitudinal dl3 axons following specific expression of miR<sup>Dscam</sup> or Dscam in dl3 neurons. The blue lines represent the average of each embryo. The purple lines indicate the average of each group.