

## Supplementary data

### **Mitotic granule cell precursors undergo highly dynamic morphological transitions throughout the external germinal layer of the chick cerebellum**

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**Supplementary Movie 1**

A time-lapse movie showing a dividing GCP extending and retracting multiple, highly motile processes before cell division.

**Supplementary Movie 2**

A time-lapse movie showing two dividing GCPs retracting all processes and rounding up before cell division.

**Supplementary Movie 3**

A time-lapse movie showing a dividing GCP described in Figure 5.