



Cover legend: This image and the accompanying movie show high-resolution three-dimensional reconstructions of neuroblasts undergoing chain migration in the rostral migratory stream of an adult mouse brain. Each neuroblast possesses either a pair of centrioles (green), or a basal body (green) with a non-extended or extended primary cilium (pink). The localization and orientation of the primary cilium are altered depending on the mitotic state, saltatory migration, and deceleration of neuroblasts. For more information, see the article by Matsumoto et al. (pages 9967–9988).

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