Supplementary Information

Essential role of the nuclear isoform of *RBFOX1*, a candidate gene for autism spectrum disorders, in the brain development

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Supplementary Videos

Supplementary video 1: Time-lapse imaging of morphological change of control neurons migrating in upper IZ - lower CP.

Supplementary video 2: Time-lapse imaging of morphological change of Rbfox1-iso1-defcient neurons stranded in upper IZ - lower CP.

Supplementary video 3: Time-lapse imaging of morphological change of control neurons migrating in CP.

Supplementary video 4: Time-lapse imaging of morphological change of Rbfox1-iso1-defcient neurons migrating in CP.

Supplementary video 5: Time-lapse imaging of N-C distance dynamics of a control neuron migrating in CP.
Yellow and white arrowheads indicate centrosome and nucleus, respectively.

Supplementary video 6: Time-lapse imaging of N-C distance dynamics of an Rbfox1-iso1-defcient neuron migrating in CP.
Yellow and white arrowheads indicate centrosome and nucleus, respectively.