Figure S1: representative images of the anti-PV immunostained Rt that show the morphometrical analysis process. a) the image-processing software automatically calculated Rt area encircled by the manually traced perimeter; b) PV-immunopositive cells were manually counted; c) high magnification showing PV-immunoreative neurons inside Rt; d) only cells showing a visible nucleus and nucleolus were traced for cell area, shape factor and circularity measurement.