Correction to: Systematic expression analysis of *Hox* genes at adulthood reveals novel patterns in the central nervous system

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“It has been noted that in the original version of Figure 2, the image shown in panel 2D incorrectly displayed a zoomed version of panel 2C. This has been corrected in the revised figure in order to show the intended image for panel 2D.”

The original article can be found online at <https://doi.org/10.1007/s00429-014-0965-8>.

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Fig. 2 *Hox* gene expression in the hindbrain of adult C57Bl/6 J mice. In situ hybridization of *Hoxb5*, *Hoxb6* and *Hoxb8* on sagittal and coronal cryosections of adult mouse hindbrain. Schematic views of sagittal and coronal hindbrain sections in the bottom row indicate the localization of pictures. **a, f, k** On sagittal sections, a border of expression is observed at distinct antero-posterior levels for the three genes (dotted blue line). The anterior limit is clearly visible on the dorsal region (red arrows). Anterior to this border, expression is also detected in discrete areas, such as the pontine nuclei (PN) and the tegmental reticular nuclei (TRN) (blue arrows). **b–d, g–i, l–n** On coronal sections, expression within the antero-posterior subnuclei constituting the spinal trigeminal nucleus (SpV) showed nested overlapping domains with sequential anterior boundaries. *Hoxb5* is expressed in the oral part (SpVO red arrow), the intermediate part (SpVI) and

the caudal part (SpVC). *Hoxb6* is expressed in the SpVI and SpVC, and *Hoxb8* is expressed only in SpVC. **e, j, o** On coronal sections, expression within the dorsal region of the caudal adult hindbrain showed partially overlapping patterns. *Hoxb5* is expressed in the area postrema (AP), the nucleus of the solitary tract (NTS) and the dorsal motor nucleus of the vagus nerve (dmX). *Hoxb6* is expressed only in the AP and scattered cells in the NTS, while no labelling is detected for *Hoxb8*. Dotted circles mark the ventricle. On sagittal sections, anterior is on the left; on coronal sections, medial is on the left. Fibre tracts are in italic. *v4r* fourth ventricle, lateral recess; *sptV* spinal tract of the trigeminal nerve; *icp* inferior cerebellar peduncle; *RN* reticular nucleus; *XII* hypoglossal nucleus. Scale bar 500 μ m in **a, f** and **k**; 200 μ m in others