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ww.elsevier.com/locate/developmentalbiology

# PII: S0012-1606(15)30051-8 DOI: http://dx.doi.org/10.1016/j.ydbio.2015.07.009 Reference: YDBIO6823

To appear in: Developmental Biology

Received date: 4 February 2015 Revised date: 21 June 2015 Accepted date: 11 July 2015

Cite this article as: Rosa-Eva Huettl, Simone Eckstein, Tessa Stahl, Stefania Petricca, Jovica Ninkovic, Magdalena Götz and Andrea B. Huber, Functiona dissection of the Pax6 paired domain: Roles in neural tube patterning and peripheral nervous system development, *Developmental Biology* http://dx.doi.org/10.1016/j.ydbio.2015.07.009

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#### ACCEPTED MANUSCRIPT

## Functional dissection of the Pax6 Paired Domain: Roles in neural tube patterning and peripheral nervous system development

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Funding: This work was funded in part by the Deutsche Forschungsgemeinschaft DFG (SFB 870, Gö640/10.1 and Gö640/11-1). The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

Abbreviations: bMN – branchiomotor neurons; Leca – Lens corneal adhesion; LMC – lateral motor column; MMC – medial motor column; Nkx2.2 – Nk2 homeobox 2; Pax6 – paired box 6; sMN – somatic motor neurons; Sp8 - trans-acting transcription factor 8; vMN – visceromotor neurons

Conflict of interest: The authors declare no conflict of interest.

#### Abstract

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