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On the cover: IL-33, an alarm signal from the IL-1 family, is highly expressed in the CNS. Expression of β -galactosidase driven by the endogenous *Il-33* promoter was detected in the granular layer and white matter of the cerebellum (blue) using a novel *Il-33–LacZ* gene trap reporter strain. Pichery, M., E. Mirey, P. Mercier, E. Lefrancais, A. Dujardin, N. Ortega, and J.-P. Girard. 2012. Endogenous IL-33 is highly expressed in mouse epithelial barrier tissues, lymphoid organs, brain, embryos, and inflamed tissues: in situ analysis using a novel *Il-33–LacZ* gene trap reporter strain. *J. Immunol.* 188: 3488–3495.

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