Segmentation in the early embryonic hindbrain is revealed by Hox reporter gene expression in a transgenic mouse. The alternating blue- and brown-stained domains are rhombomeres, repeat units that underlie the hindbrain’s segmented neural architecture. Development of the nervous system, from embryonic patterning to early function, is the focus of this issue. See page 1109, the Editorial on page 1063, and the special section beginning on page 1099, which includes an article on Web sites of interest to neuroscientists. [Image: James Sharpe]