

BRAIN



Cover image: Fluorescence microscopy of four cerebella from different *Eif2b5* mutant mouse lines converge to form a single brain-like structure. PLP is shown in olive, GFAP in turquoise, PDGFR α in red, and nuclei are counterstained with DAPI (blue). The white matter phenotype of the whole-body *Eif2b5* mutant (top right), characterized by asthenic astrocytes, myelin vacuolation, and immature oligodendrocytes, can be understood as the sum of its parts: astrocyte-specific *Eif2b5* mutant with asthenic astrocytes and vacuoles (top left), and oligodendrocyte-specific *Eif2b5* mutant with immature oligodendrocytes (bottom right). Bottom left cerebellum is wildtype. This study highlights the interplay among different brain cell types in Vanishing White Matter. Design and composition by Marjolein Breur. *Brain*. 2025; 148(11):4112–4126.

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