



Supplementary Fig. S1 MRI of an infant with an interhemispheric lipoma, agenesis of the corpus callosum, and polymicrogyria (case 2). The MRI was performed on day 1. T1-(a, b) and T2-(c) weighted images show interhemispheric lipoma extending into the lateral ventricles (arrows) as well as agenesis of the corpus callosum. T2-weighted image (c) shows hypointense signal at the peripheral portion of the interhemispheric lipoma (short arrows), suggestive of calcification. T2-weighted image also shows a thick cortex around the interhemispheric lipoma (arrowheads). The MRI was performed at an age of 3 years and 8 months. T1-weighted images (d, e) show an interhemispheric lipoma extending into both lateral ventricles (arrows), as well as thick, irregular bumpy cortex (arrowheads), consistent with polymicrogyria. Sagittal T2-weighted image (partial minimum intensity projection, f) shows dilatation of the anterior cerebral artery adjacent to the interhemispheric lipoma (arrow).