

Acronyms and abbreviations in tables, figures, and figure legends (alphabetical order)***Metabolites***

AAs, amino acids; Ala, alanine; Cho, tCho, total choline; Cr, Cr₁, creatine first peak; Cr₂, creatine second peak; GAA, guanidinoacetate; Glc, glucose; Gln, glutamine; Glu, glutamate; α -Glx, Glx_{dd}, alpha-methine group of glutamate + glutamine; β , γ -Glx, Glx_{m1, m2, m3}, beta, gamma-methylene groups of glutamate + glutamine; Glyc, glycine; H₂O, water peak; Lac, lactate; Lip, lipids; m-Ins, m-Ins₁, Ins, Ins_{dd1, dd2}, myo-Inositol first peak; m-Ins₂, myo-Inositol second peak; MM, macromolecules; NAA, NAA₁, N-acetyl-aspartate first peak; NAA₂, N-acetyl-aspartate second peak; NAA₃, N-acetyl-aspartate third peak; s-Ins, Scyllo, scyllo-Inositol; Tau, taurine; 2HG, 2-hydroxyglutarate.

Other acronyms and abbreviations

ADC, apparent diffusion coefficient; A.U., arbitrary units;

CH, methine group; CH₃, methyl group; CSI, chemical shift imaging; DNET, dysembryoplastic neuroepithelial tumor; DWI, diffusion-weighted imaging; FLAIR, fluid attenuated inversion recovery; HIE, hypoxic-ischemic encephalopathy; H¹MRS, hydrogen magnetic resonance spectroscopy; IDH, isocitrate dehydrogenase; LCModel, linear combination model; MRI, magnetic resonance imaging; ms, milliseconds; P, position; MB, medulloblastoma; POLR3A, RNA polymerase III subunit A; ppm, parts per million; PRESS, Point-RESolved Spectroscopy; SHH, sonic hedgehog; STIR, short Tau inversion recovery; SVS, single voxel spectroscopy; T, tesla; TE, echo time; VOI, volume of interest; WHO, World Health Organization; WI, weighted Images; WM, white matter; yo, years old; 4H, hypomyelination, hypogonadotropic hypogonadism and hypodontia.