

Severe Hypomyelination and Developmental Defects are Caused in Mice Lacking Protein Arginine Methyltransferase 1 (PRMT1) in the Central Nervous System.

Developmental defect

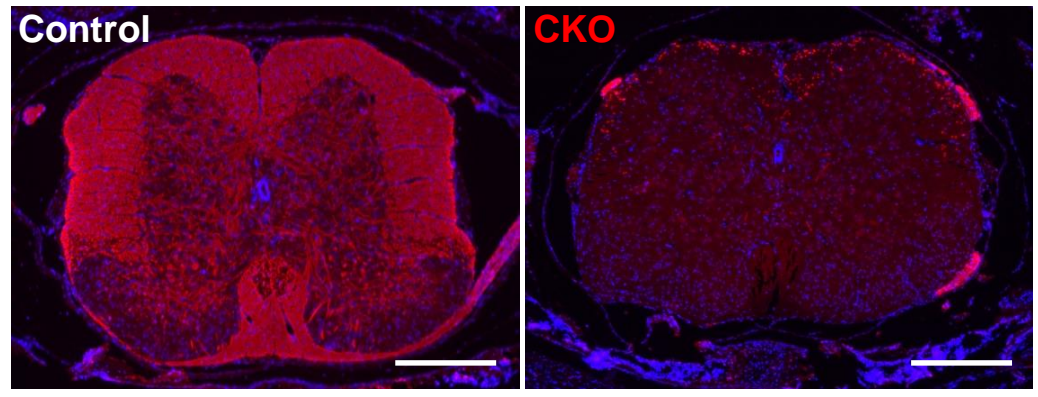
Control **CKO**



tremor, ataxia

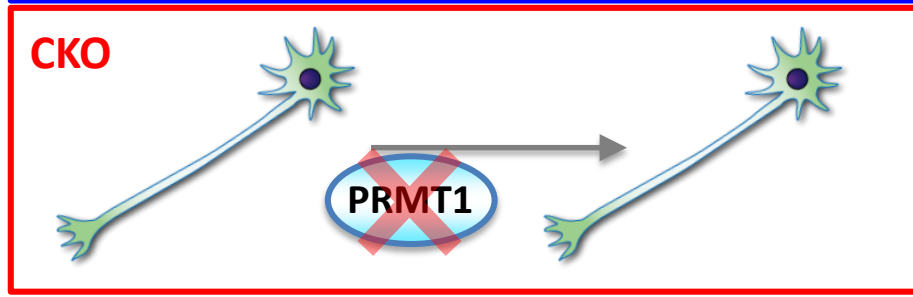
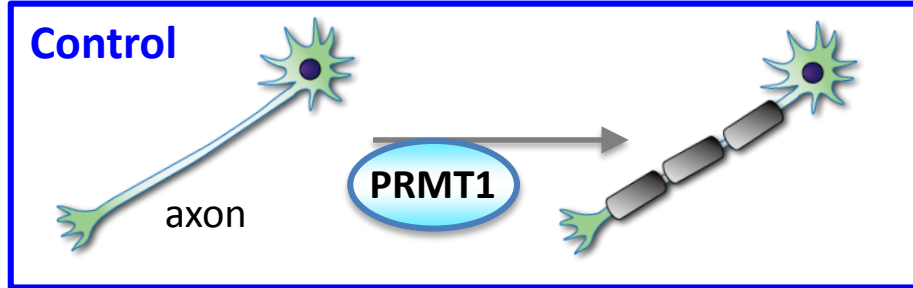
CKO: CNS specific knockout

Severe hypomyelination



red: MBP

spinal cord, scale bar: 300 μm



PRMT1 is a novel regulator of oligodendrocyte maturation and myelination.