P-Rex2 regulates Purkinje cell dendrite morphology and motor coordination

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This section is a summary of the most important techniques used. A detailed description of all methods can be found in *SI Materials and Methods*.

[illegible]$^{-/-}$, EGFP-[illegible], [illegible]$^{-/-}$/[illegible]$^{-/-}$ [illegible] The P-Rex2 gene was targeted by gene-trapping and P-Rex2$^{-/-}$ mice were derived conventionally. EGFP-P-Rex2 mice were generated by crossing EGFP-Pcp2 transgenic mice (The Jackson Laboratory) with P-Rex2$^{-/-}$ mice. P-Rex1$^{-/-}$/P-Rex2$^{-/-}$ mice were generated from P-Rex1$^{-/-}$ and P-Rex2$^{-/-}$ mice.

[illegible] P-Rex1 Western blots were done with mAb 6F12. For P-Rex2, sheep polyclonal antibodies against amino acids 794-51/T1 1 j /T1 2 1 6(am