

## **Description of additional supplementary files**

Supplementary Data 1 : Differentially expressed genes for the oligodendrocyte lineage from snRNA-seq. Fold change is expression in *Npc1*<sup>-/-</sup> cells relative to WT.

Supplementary Data 2 : GO analysis in oligodendrocyte lineage cells. GO: Biological Process was performed on the differentially expressed genes detected by snRNA-seq.