



Supplementary Figure S3. *In vitro* validation of rAAV9 vector purity and rAAV9-CBA-hABCD1 vector functionality. **(a)** Purity of representative AAV9 vector assessed by Coomassie staining. **(b)** ABCD1 expression in HEK-293 cells after transduction with rAAV9-CBA-hABCD1 and rAAV9-CBA-hABCD1-HA, by Western blot. **(c)** rAAV9-CBA-hABCD1 transduction of brain mixed glial cells from *ABCD1*^{-/-} mice leads to biochemical correction *in vitro*. Data are expressed as means ± SEM. ****p* < 0.001 as compared with WT; #*p* < 0.05, ##*p* < 0.01 compared between marked groups.