

Description of Additional Supplementary Files

File Name: Supplementary Dataset 1

List of GCase interactors from quantitative proteomic analysis.

File Name: Supplementary Dataset 2

List of differentially expressed proteins from quantitative proteomic analysis.

File Name: Supplementary Dataset 3

scRNAseq dataset of in *GBA1* mutant midbrain organoids and isogenic controls.

File Name: Supplementary Dataset 4

List of Differentially Expressed Genes (DEGs) in *GBA1* mutant midbrain organoids and isogenic controls.