

**miR-155 is a novel indicator of liver and spleen pathology in the symptomatic Niemann-Pick
disease, type C1 mouse model**

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Primers for qRT-PCR analysis of microRNAs

Primer name	Primer sequence
U6 snRNA-RT	5'-AACGCTTCACGAATTTGCGT-3'
U6 snRNA-Forward primer	5'-CTCGCTTCGGCAGCACA-3'
U6 snRNA-Reverse primer	5'-AACGCTTCACGAATTTGCGT-3'
MiR155-RT primer	5'-GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACCC C-3'
MiR155-Forward primer	5'-GACTGTTAATGCTAATCGTGATAG-3'
MiR155-Reverse primer	5'-GTGCAGGGTCCGAGGTATTC-3'

Table S1: Primers used for microRNA analysis.

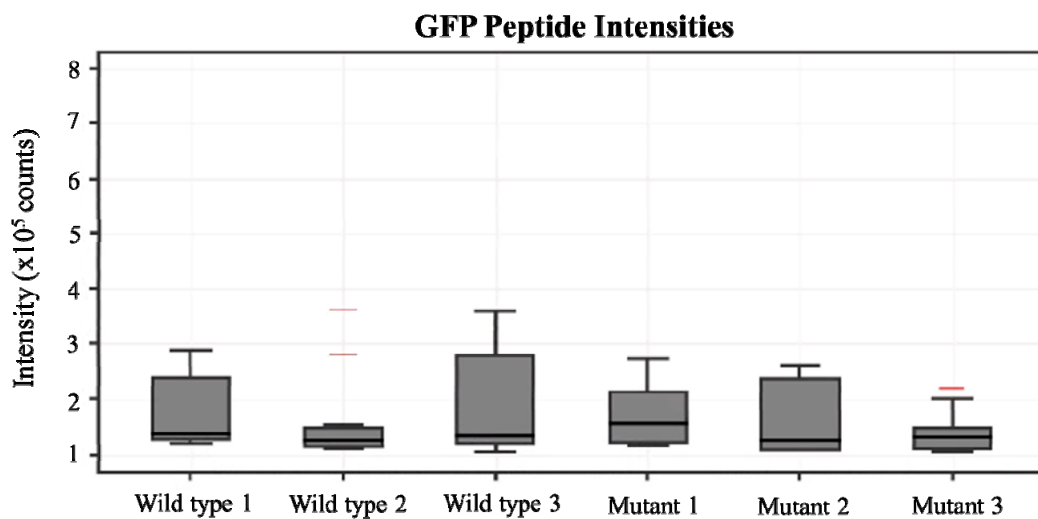


Figure S1. Intensity of peptides measured for the internal standard (GFP protein). LC-MS/MS data for each of the wild type and mutant technical replicates was reviewed in order to determine whether intensity normalization was needed between replicates. Here, the intensity for the measured GFP peptides were plotted and it was determined that normalization between samples was not needed as the median intensity was comparable between all replicates.