A

wild type

Bicd1\textsuperscript{gt/gt}

phase

βIII tubulin

CTB

B

CTB intensity in the Golgi area (a.u.)

wild type

Bicd1\textsuperscript{gt/gt}

Supplementary Figure S8 Terenzio et al.
Figure S8. The retrograde traffic of CTB to the Golgi is not affected in Bicd1<sup>gt/gt</sup> motor neurons

(A) Representative images of wild type and Bicd1<sup>gt/gt</sup> motor neurons incubated for 1 h at 37°C with AlexaFluor555-CTB (1 µg/ml; red), acid washed and fixed to visualise the internalised pool of the probe. Neurons were immunostained for βIII tubulin (green). Scale bar = 20 µm.

(B) Quantification AlexaFluor555-CTB accumulation in the Golgi area. Each data-point represents Golgi-associated CTB signal intensity for a single cell (>50 cells per condition, Mann-Whitney test, n.s. non significant).