Supplementary Figure 7 Terenzio et al.
Figure S7. The cell surface levels of p75NTR are increased in Bicd1<sup>gt/gt</sup> motor neurons

(A, B) Wild type and Bicd1<sup>gt/gt</sup> motor neurons were fixed and immunostained with αp75<sup>NTR</sup> without permeabilisation to detect the plasma membrane pool of p75<sup>NTR</sup>. Scale bar = 20 μm. Quantification of the cell surface pool of p75<sup>NTR</sup> from three independent experiments is shown in B (t-test, mean ± s.e.m., *, p < 0.05).

(C, D) Representative western blotting of p75<sup>NTR</sup> present at steady state on the cell surface of wild type and Bicd1<sup>gt/gt</sup> motor neurons. Cell surface proteins were biotinylated, purified on neutravidin sepharose beads and immunoblotted for p75<sup>NTR</sup> and SOD1, which was used as a control for cytosolic proteins. The input (INP), supernatant (SN) and biotinylated cell surface protein (beads) fractions are shown. Quantification of cell surface biotinylated p75<sup>NTR</sup> from four independent experiments is shown in F (t-test, mean ± s.e.m., *≤0.05).