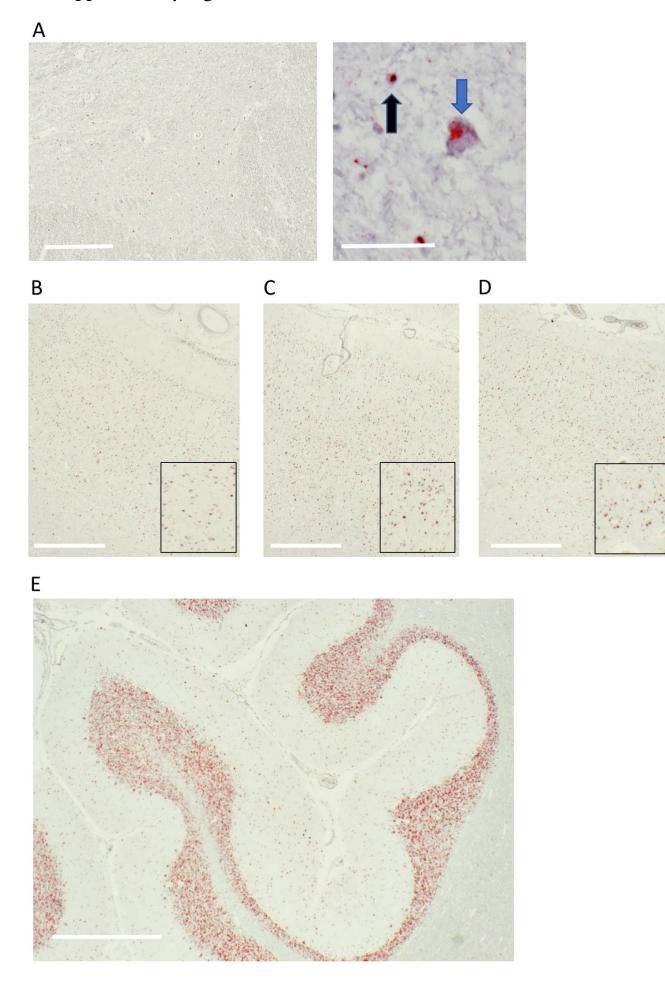
Supplementary Figure 1

## Mehta *et al*.



## Supplementary Figure 1. BaseScope<sup>TM</sup> images taken at low magnification (2x and 4x) demonstrate improved detection of RNA foci

Representative images of **A**. Anterior horn of spinal cord (*left*: low magnification [4x], *right*: high magnification [40x]). Scale bar = 0.5 mm on left and 50  $\mu$ m on right. Blue arrow points to a motor neuron and black arrow points to a glial cell. **B**. Motor cortex; **C**. BA44/45; **D**. BA46 and **E**. Cerebellum (note particularly prominent staining in the granular cell layer) of *C90rf72*-ALS patients, demonstrating clearly visible RNA foci at low magnification. All images of cortex (B-E) taken at 2x magnification. Scale bar = 1 mm. Note reduced staining of haematoxylin counterstain resulting from DNase pretreatment.