

## Supplementary figures

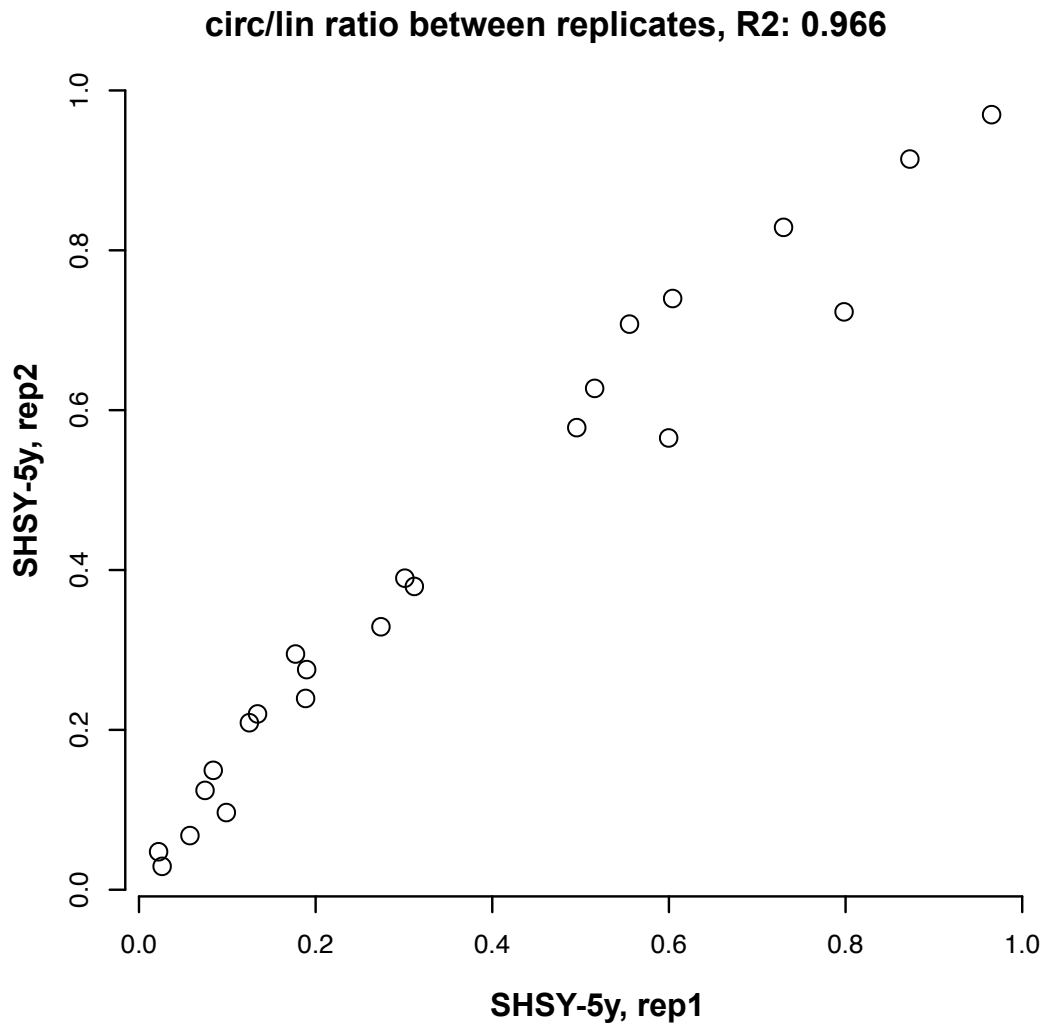
### **Expression profiling and in situ screening of circular RNAs in human tissues**

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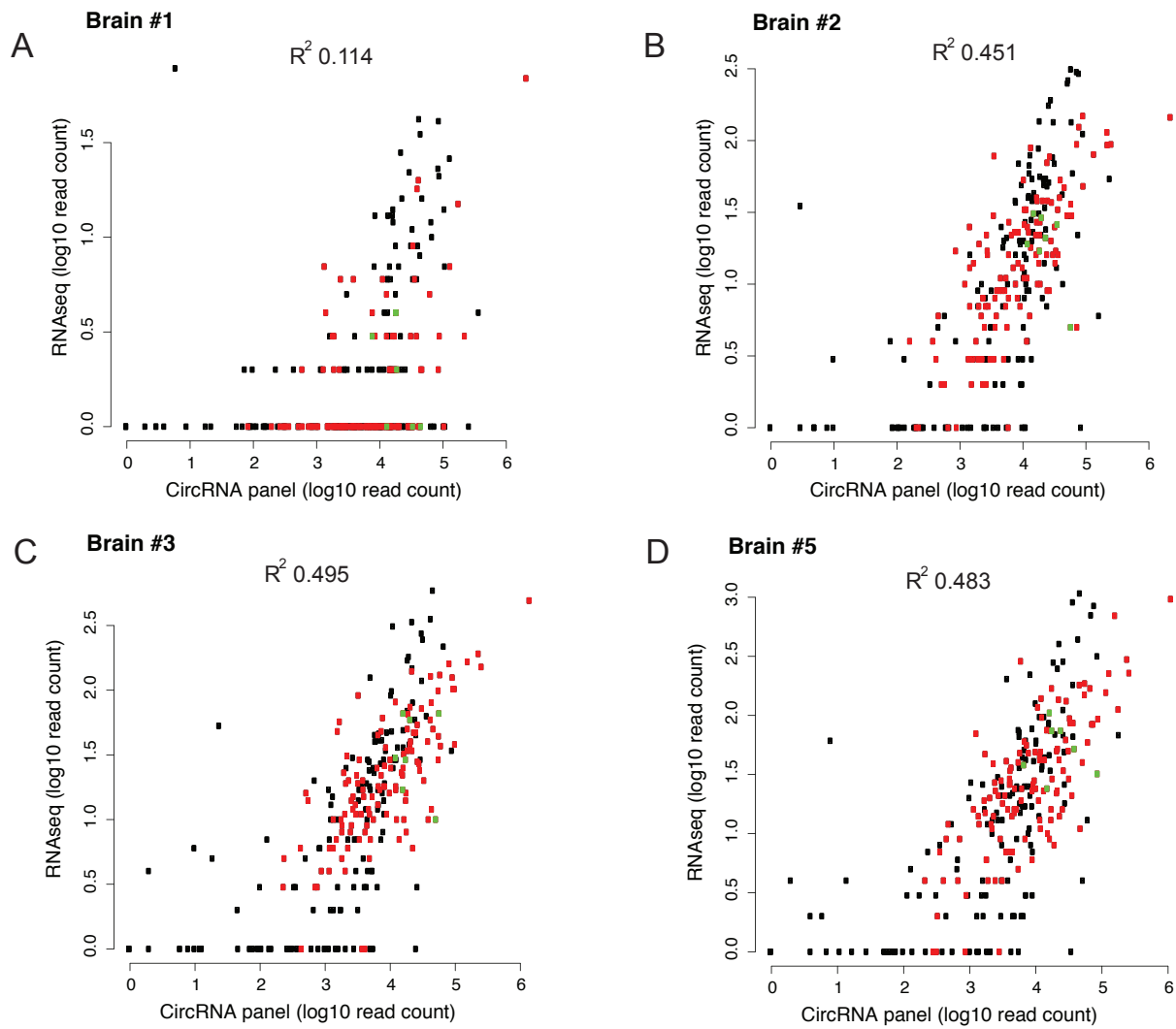
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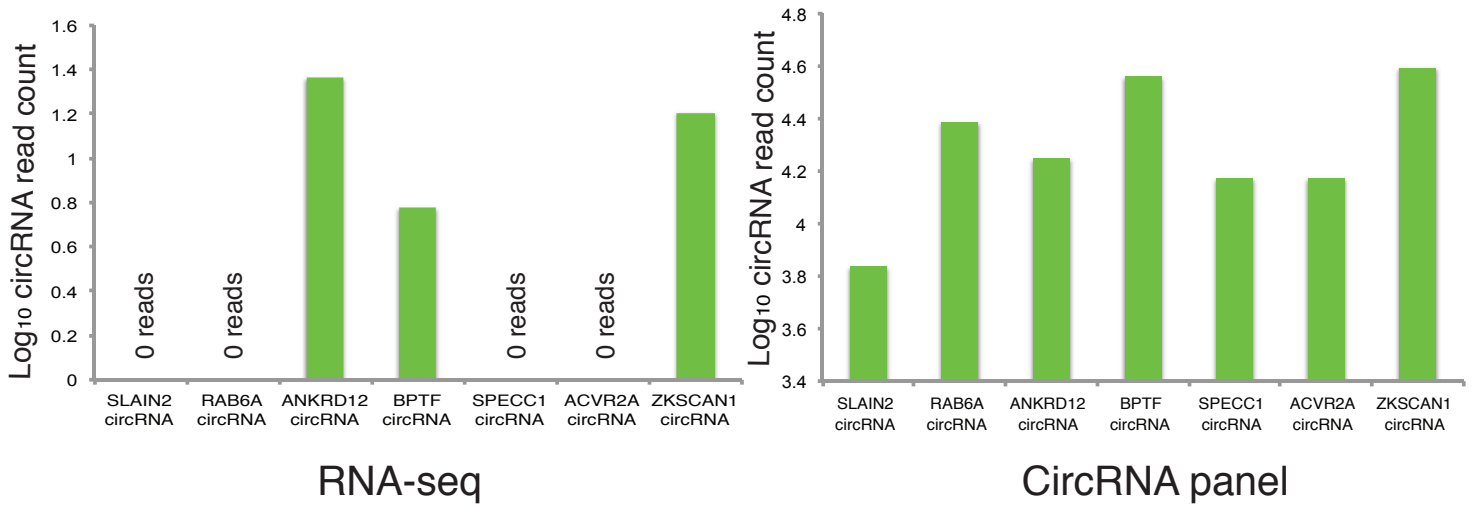
**Supplementary figure S1**

Correlation of circRNA/linear RNA ratios (raw read counts) obtained from the circRNA AmpliSeq panel, for two replicate RNA samples from the SHSY-5Y cell line.



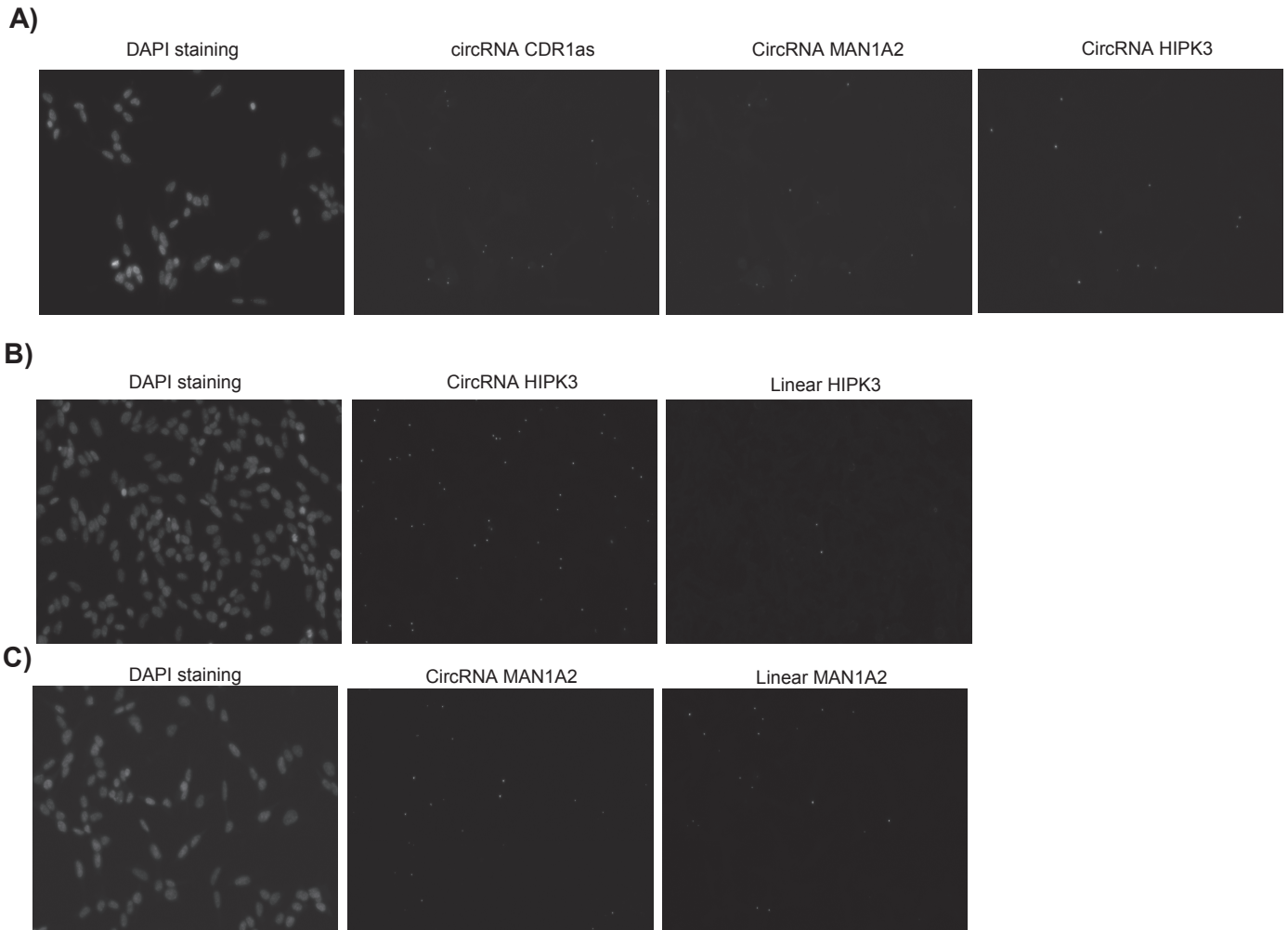
### Supplementary figure S2

Quantification of circRNA expression levels from total RNA-seq (y-axis) and the AmpliSeq circRNA panel (x-axis) in brain samples. The axis scales are logarithmic and the value 1 was added to each target, implying that non-expressed have a value of 0 in the plot. Each dot represents a target amplicon in the circRNA panel, either a circular RNA (red) or a linear RNA (black).



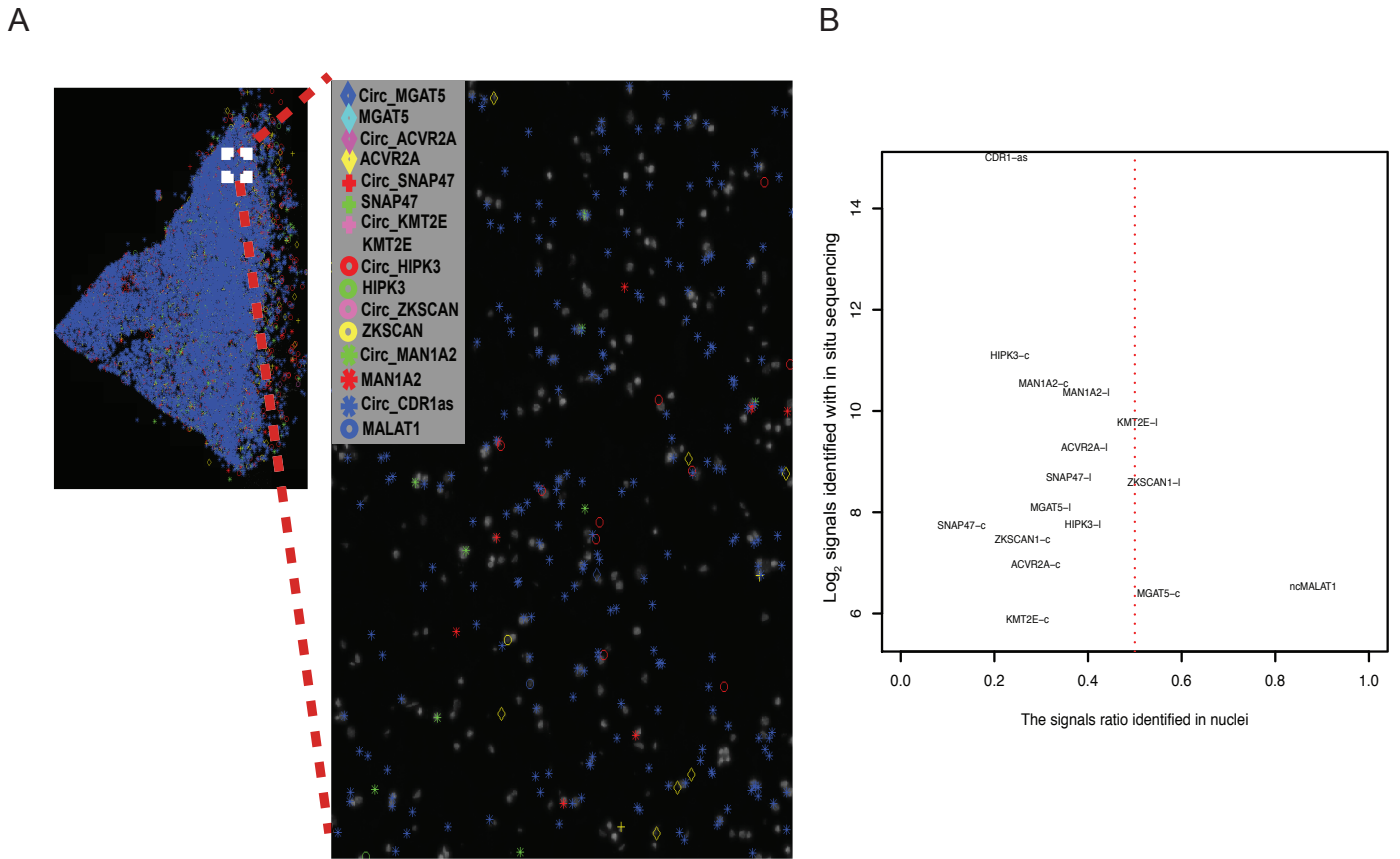
**Supplementary figure S3**

Log 10 of the read counts for circRNA analyzed in Figure 2D for RNA-seq data and the CircRNA panel



### Supplementary Figure S4

Raw data for circRNA and linear RNA detection in SHSY-5y cells. A) Gray scale images for figure 5A. B) Gray scale images for the detection of circRNA and linear HIPK3 transcripts for figure 5C. C) Gray scale images for the detection of circRNA and linear MAN1A2 transcripts for figure 5C.



**Supplementary figure S5**  
Same as figure 6 but with brain sample 4