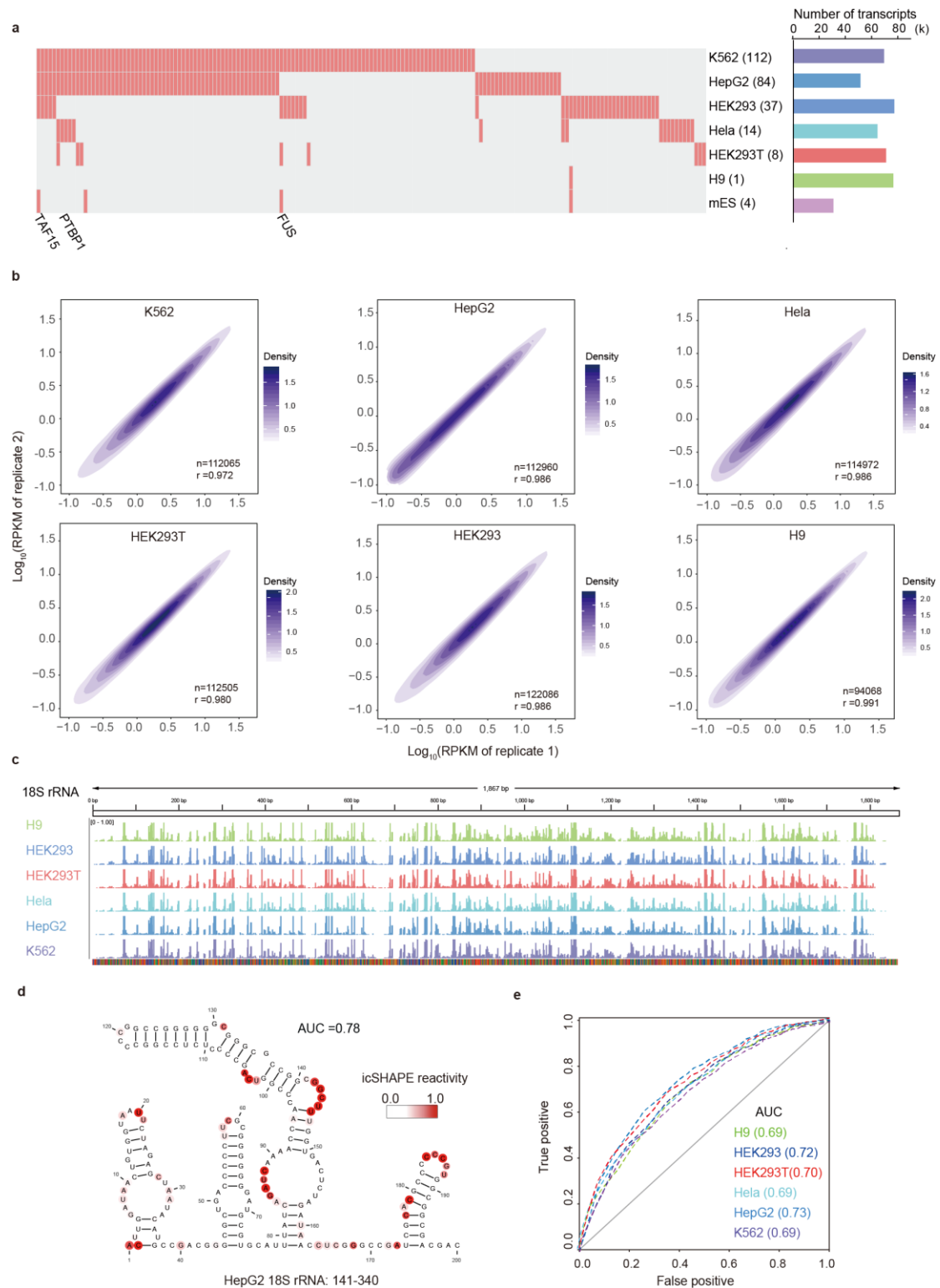




Supplementary information, Fig. S1: Probing of RNA structuromes by icSHAPE in different cell lines.

(a) Left: Heatmap of available RBP CLIP datasets in each cell line. RBPs with datasets in at least three cell lines were labeled. Middle: Cell lines with the number of available CLIP datasets. Right: The number of transcripts with secondary structure probed by icSHAPE

in each cell line.

(b) Pearson correlation of RNA expression (RPKM) between replicates of icSHAPE libraries.

(c) Tracks of icSHAPE scores of the human 18S ribosomal RNA.

(d) Structural model of 18S rRNA (141-340). The model was plotted with the *ViennaRNA* web service based on data from *RiboVision*¹, which is an experimental crystal structure from PDB (4V6X). Nucleotides are colored with icSHAPE scores from HepG2 cells.

(e) ROC curve plot of the agreement of icSHAPE scores from different cell lines with the reference 18S rRNA structure from *RiboVision*¹. AUC scores for all ROC curves are included.

Reference:

- 1 Bernier, C. R. *et al.* RiboVision suite for visualization and analysis of ribosomes. *Faraday Discuss* **169**, 195-207 (2014).