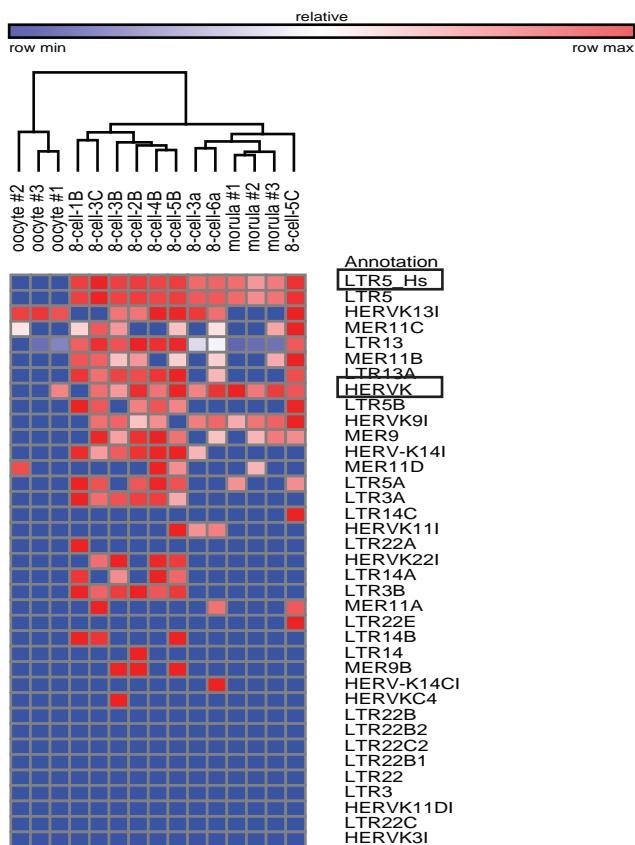


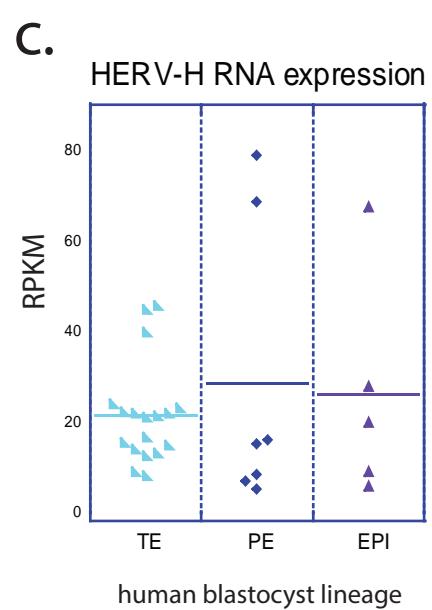
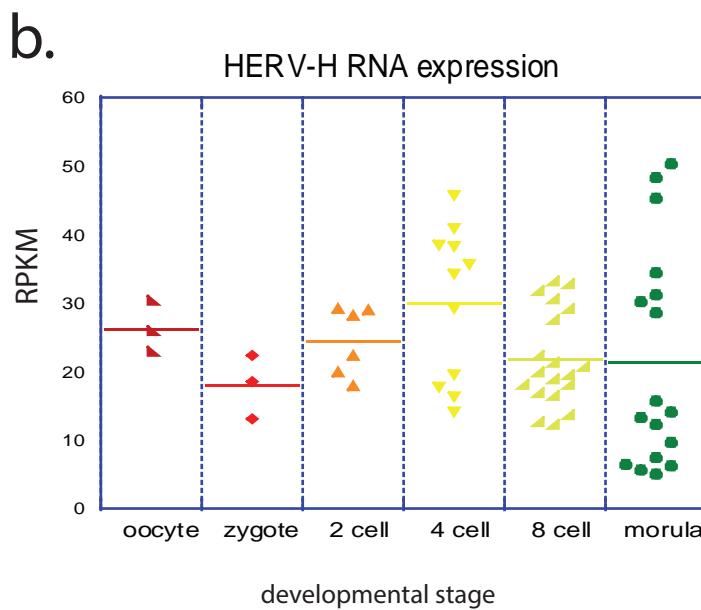
Extended Data Figure 1

Repeat expression

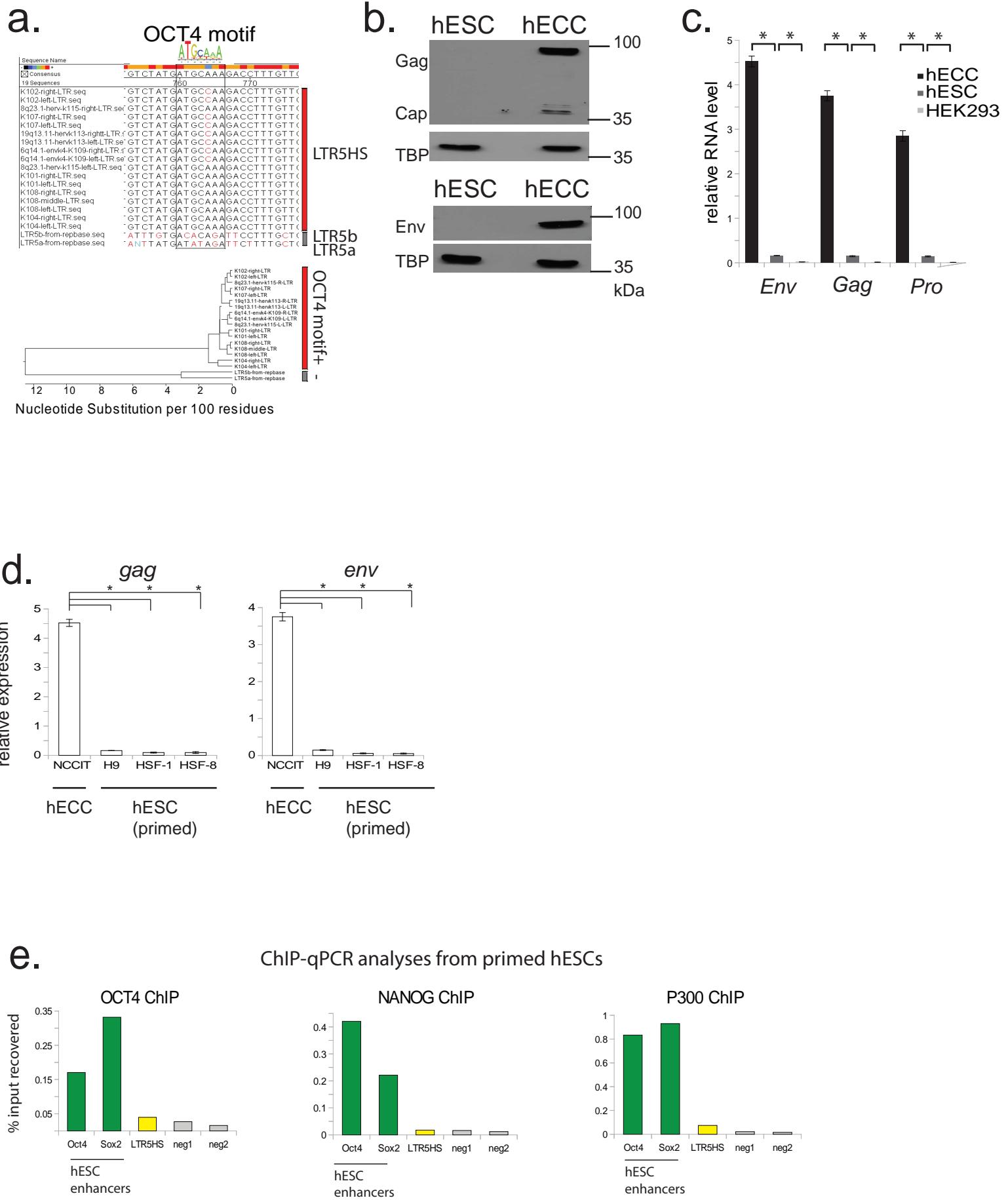
a. (Data from Xue, et al. Nature, 2013)



Data from Yan, et al. Cell Stem Cell 2013.

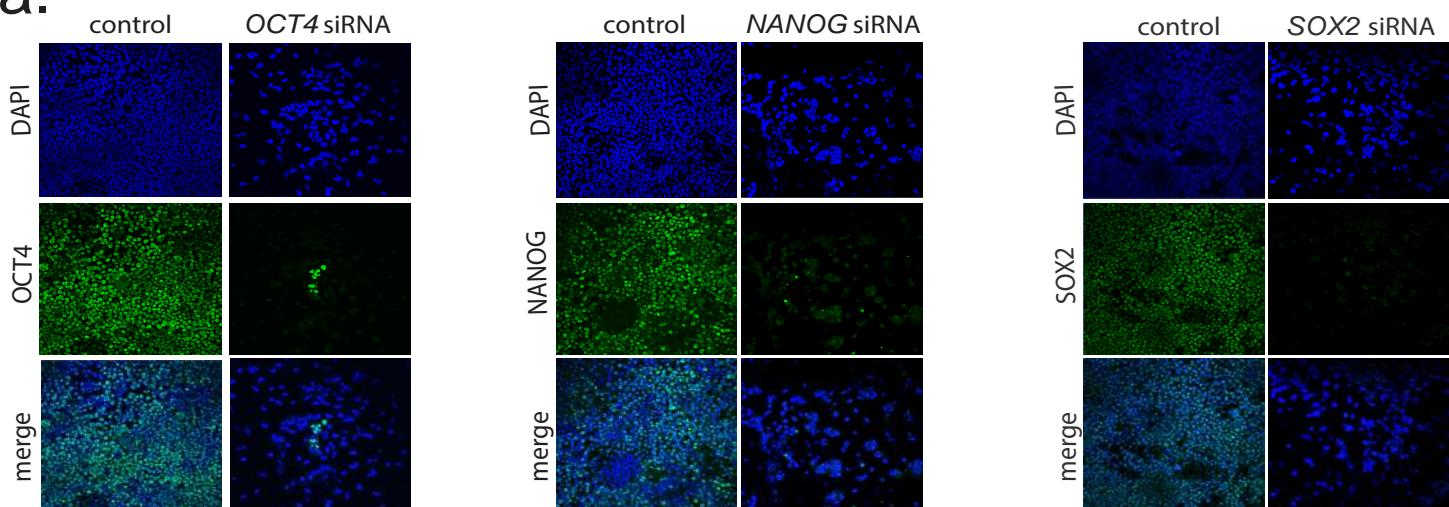


Extended Data Figure 2

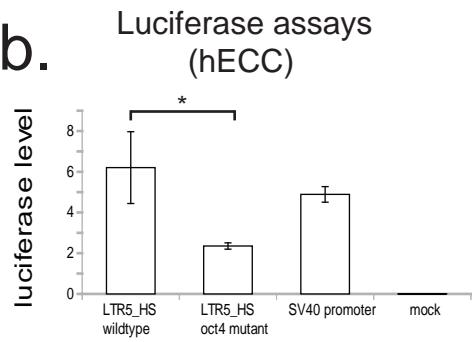


Extended Data Figure 3

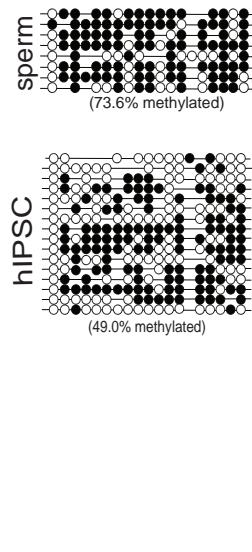
a.



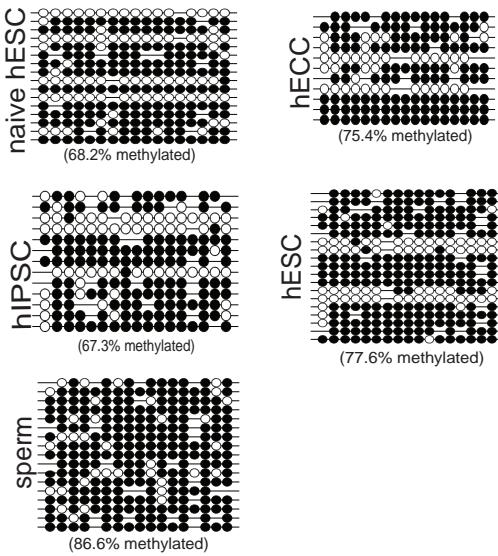
b.



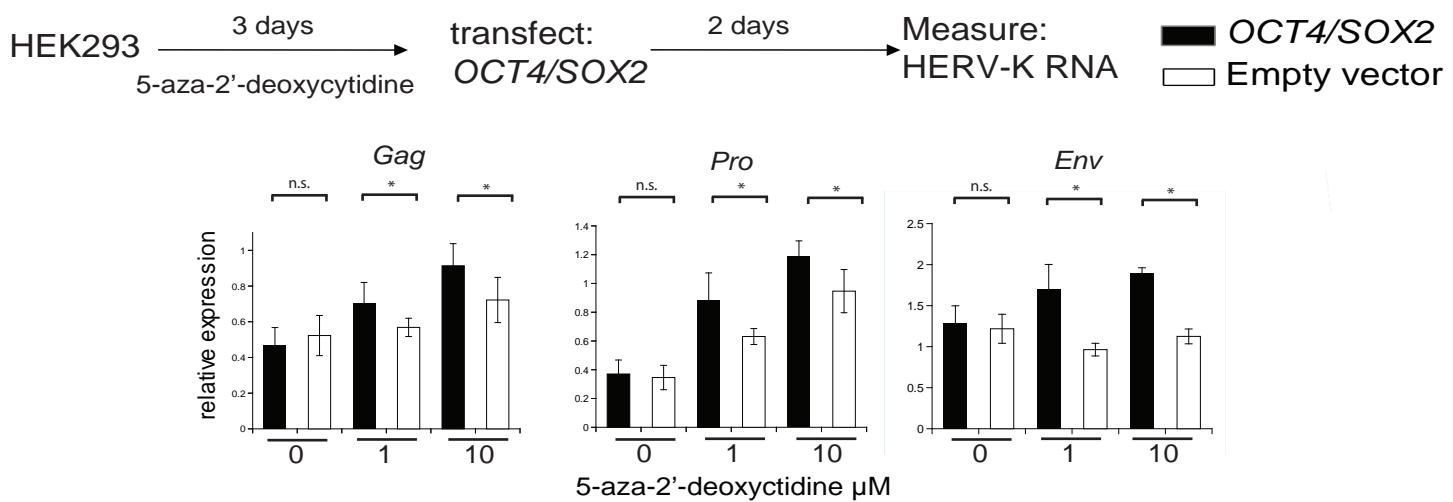
C. LTR5_HS



d. HERV-K (LTR/PBS/Gag ORF)

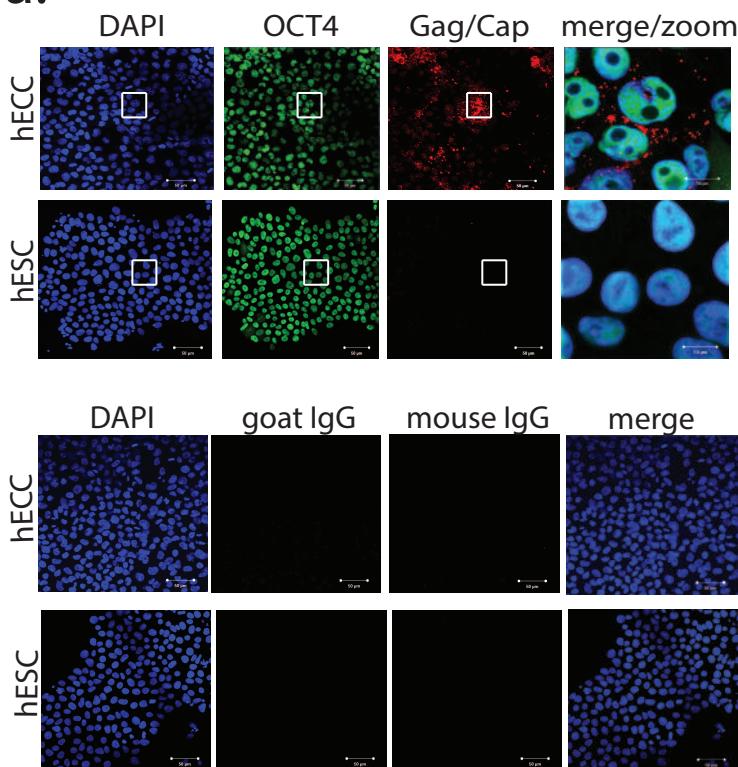


e.

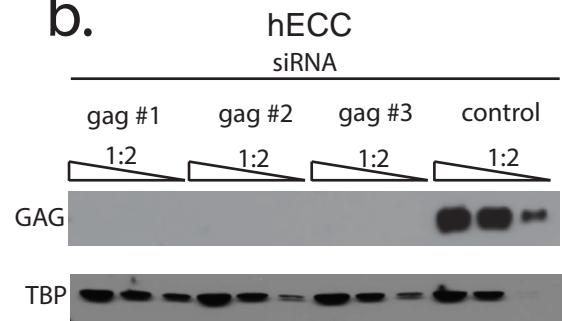


Extended Data Figure 4

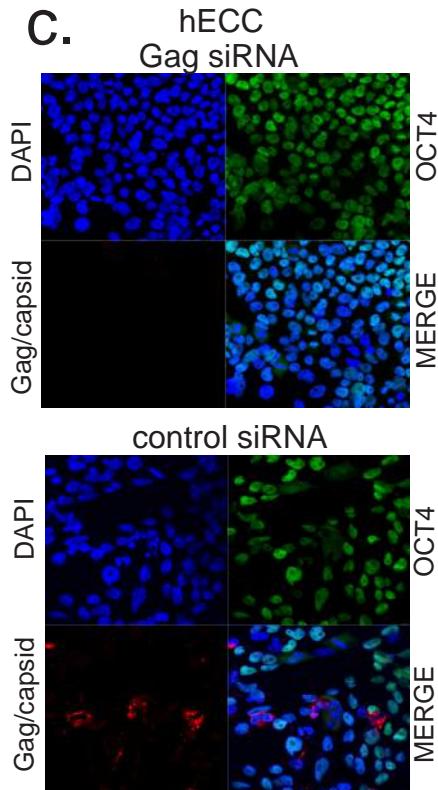
a.



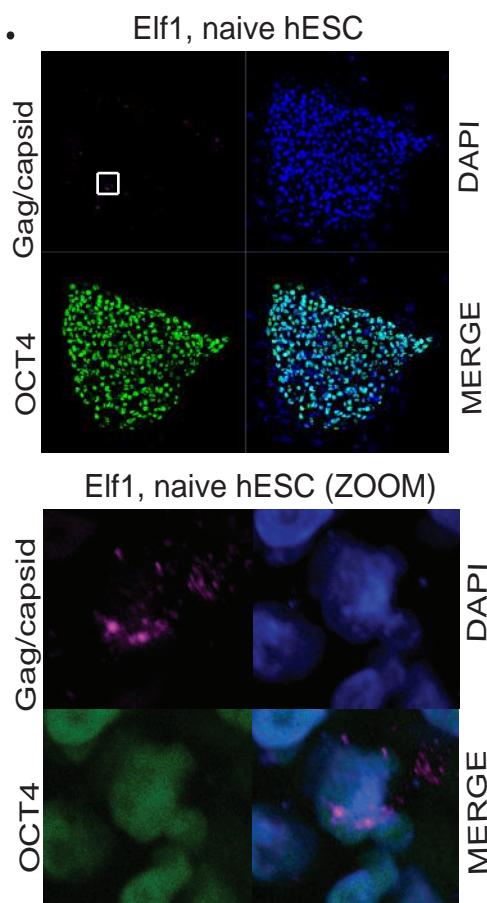
b.



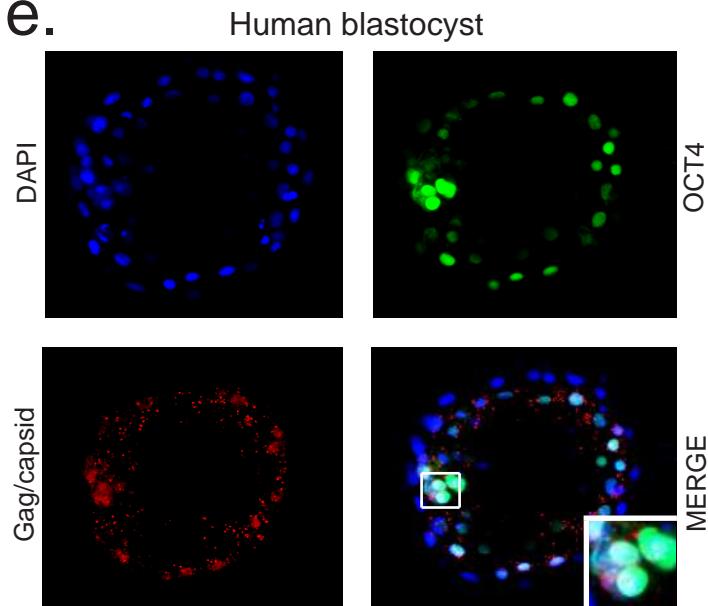
C.



d.



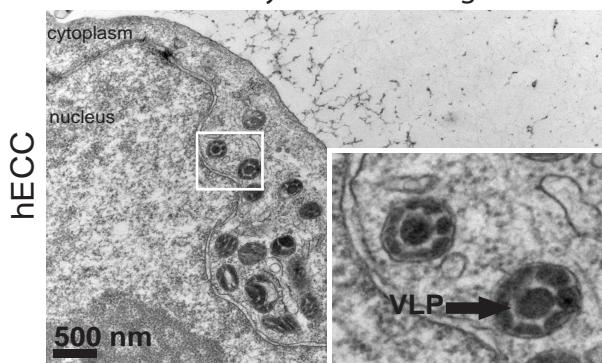
e.



Extended Data Figure 5

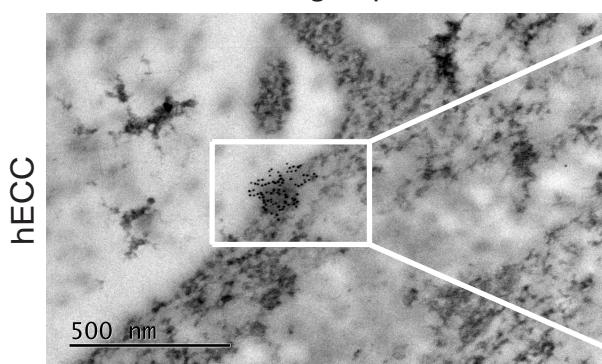
a.

heavy metal staining

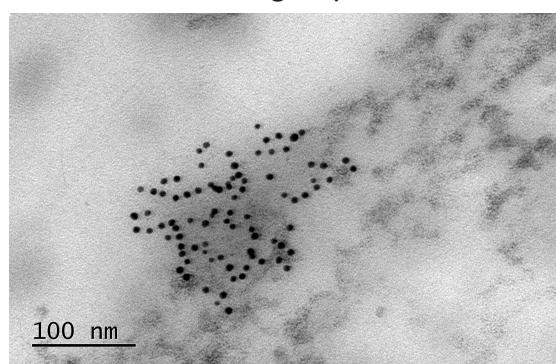


b.

anti-Gag/Capsid

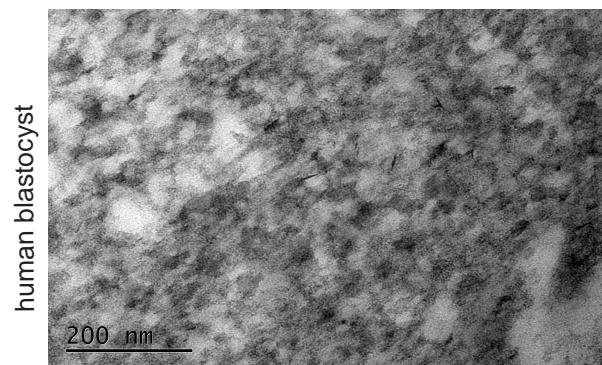


anti-Gag/Capsid (zoom)

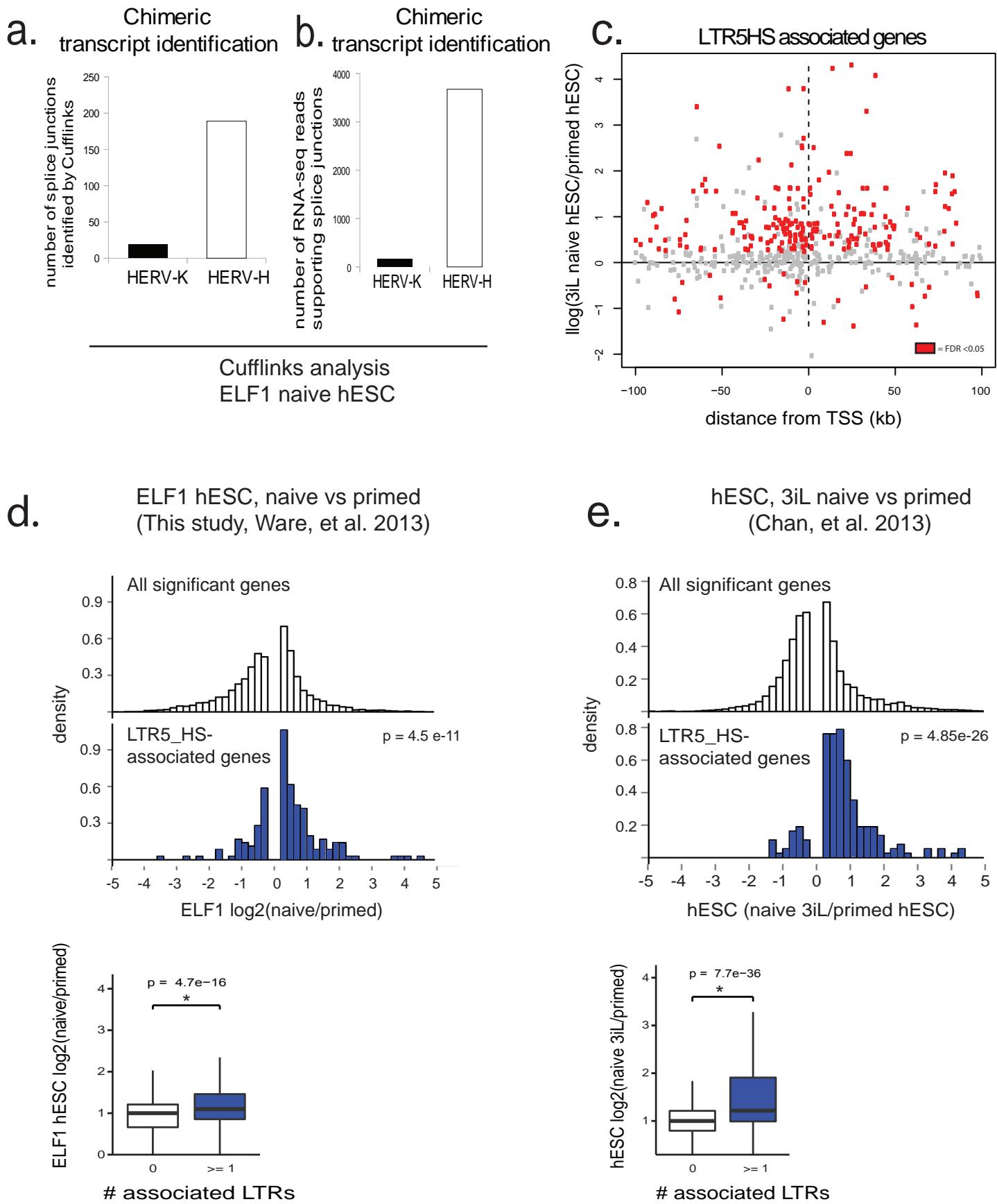


C.

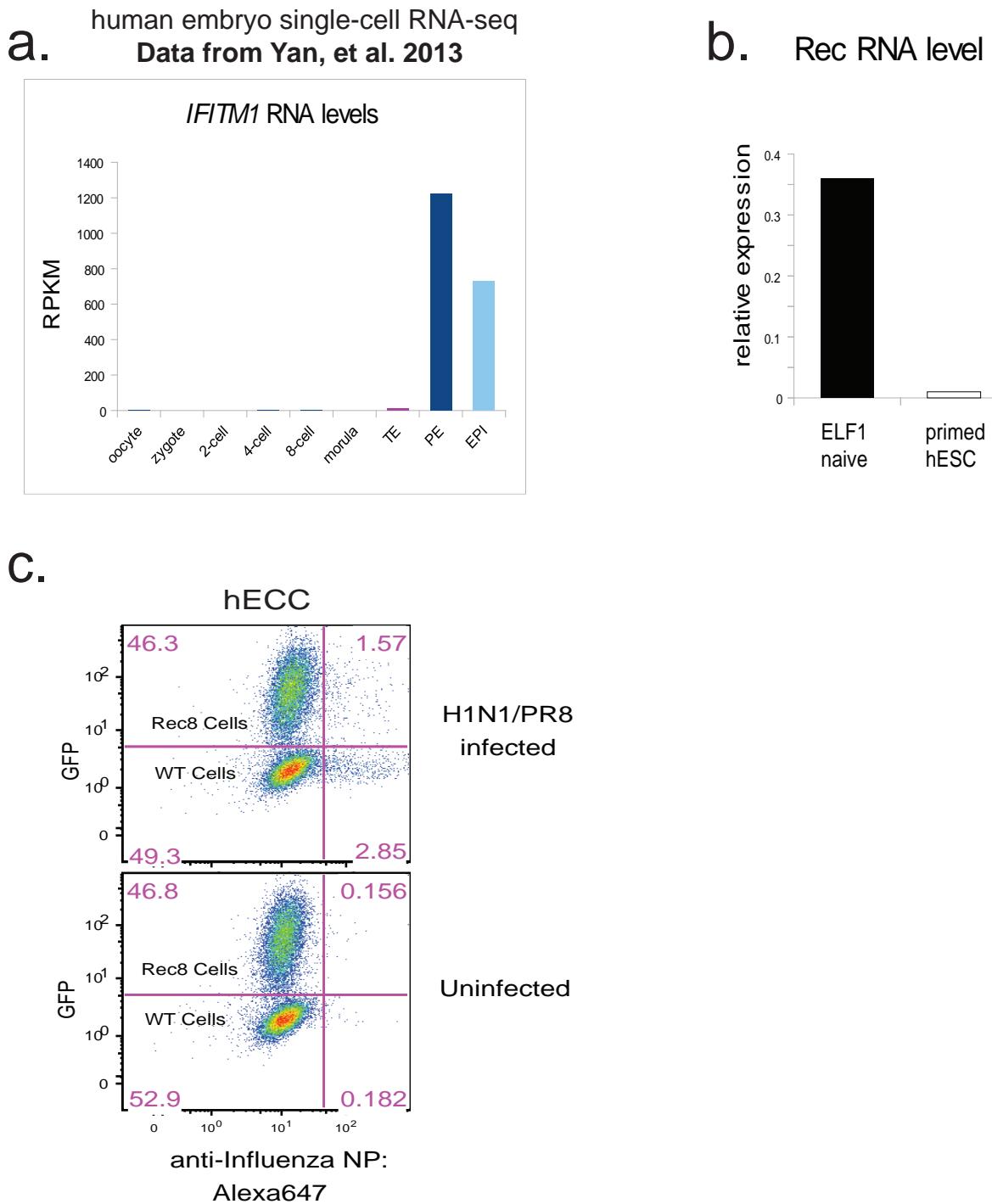
control staining (2ndary only)



Extended Data Figure 6

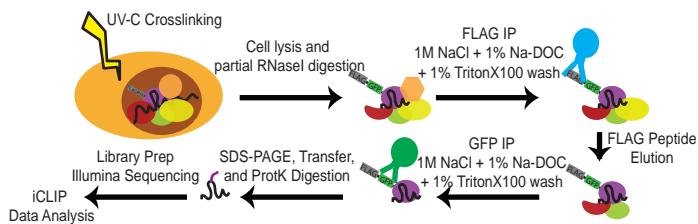


Extended Data Figure 7

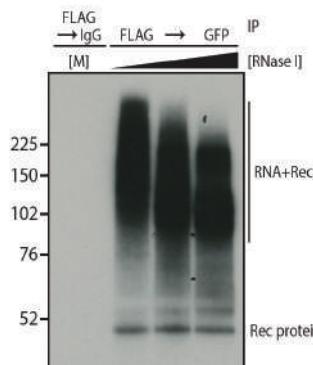


Extended Data Figure 8

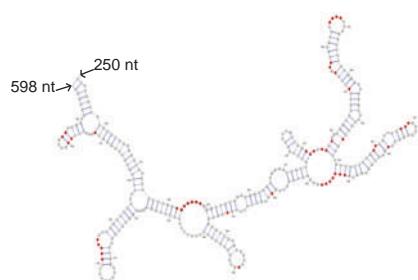
a. Diagram of iCLIP-seq procedure



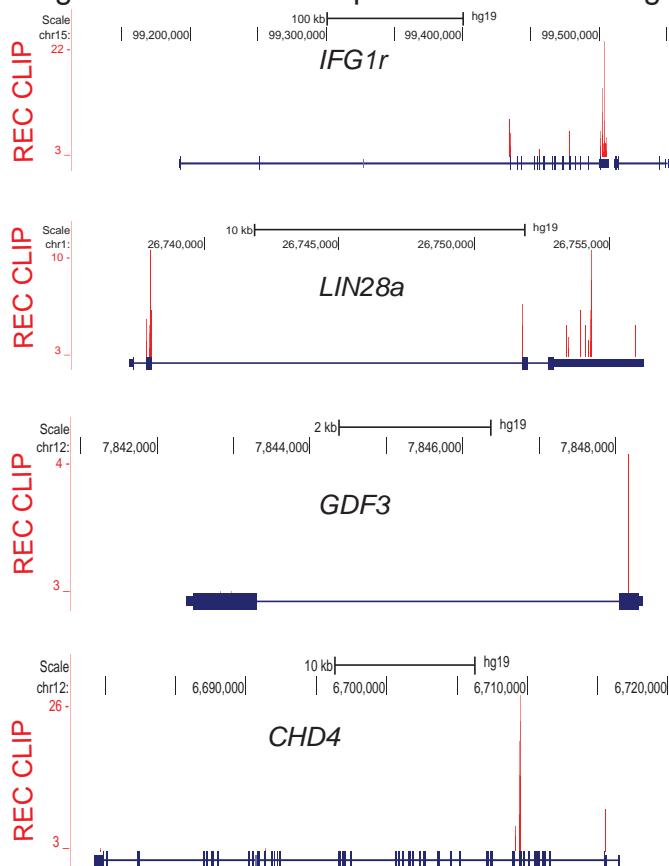
b. Radiolabeled RNA



c. LTR5HS RRE predicted RNA structure



d. genome browser snapshots of Rec binding



e. Rec targets predicted RNA secondary structure

