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Supplemental Material to:

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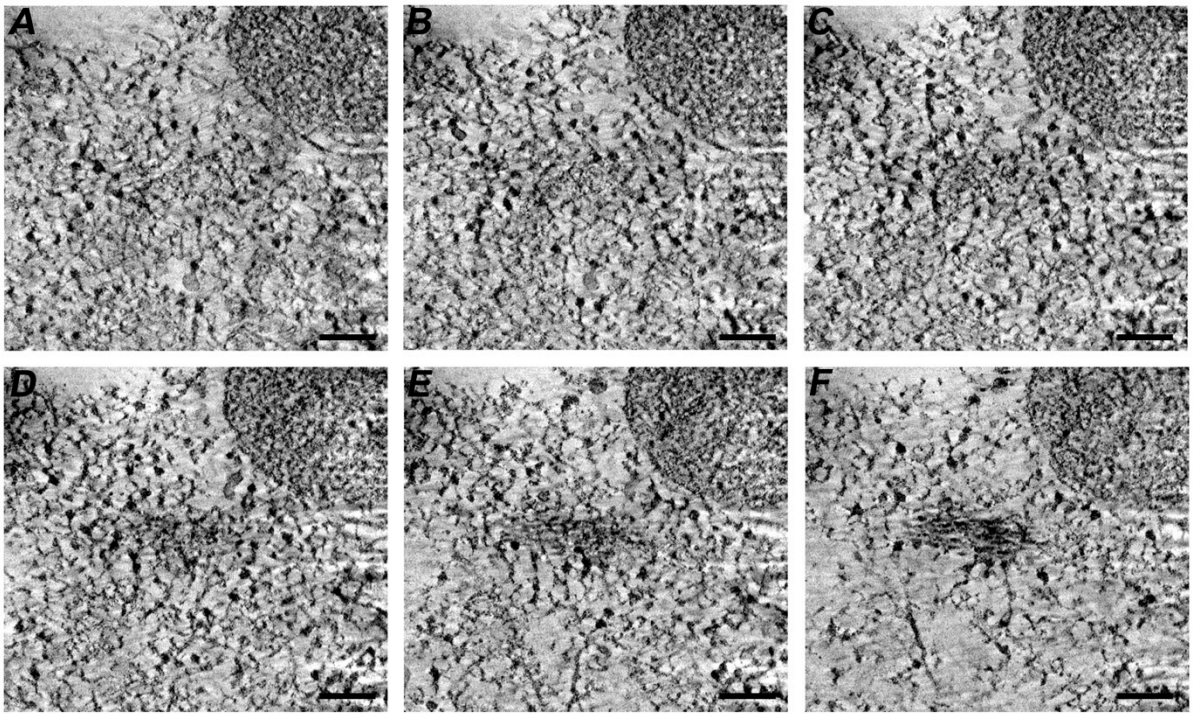
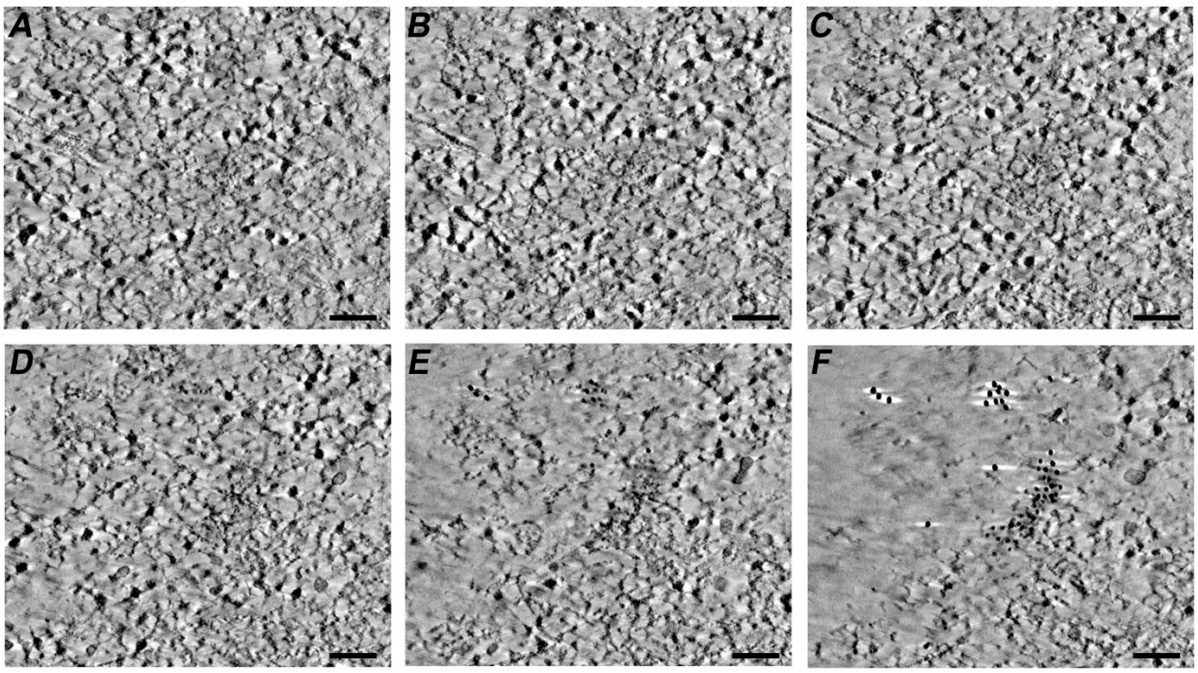
Structural organization of the polysomes adjacent to mammalian processing bodies (P-bodies)

2013; 10(2)
http://dx.doi.org/10.4161/rna.23342

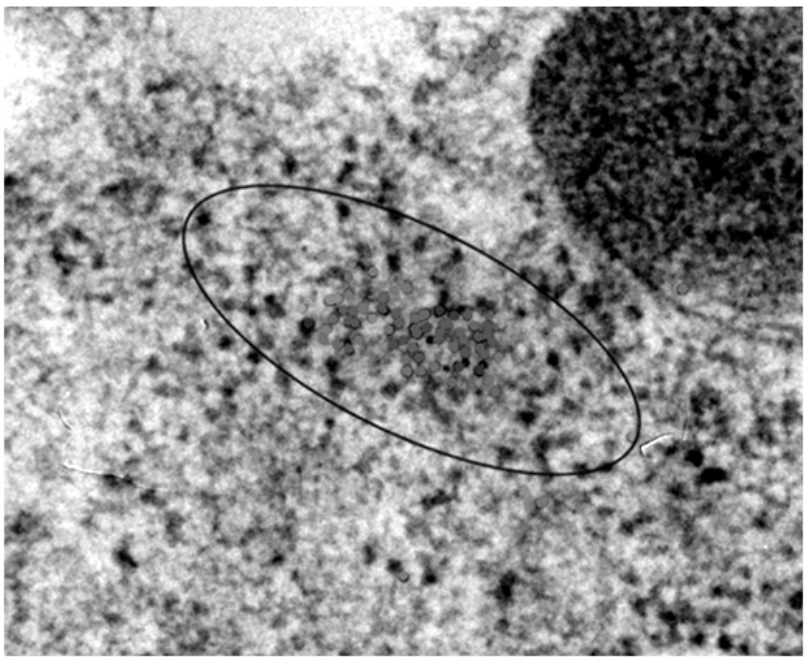
http://www.landesbioscience.com/journals/rna/article/23342



Supplementary Figure S1: Digital slices through the 3D density map of the human P-body "tomogram 1" presented in Figure 1A and B. Each digital slice corresponds to an average over 10 consecutive sections, thus improving the signal-to-noise ratio. Scale bar: 100nm.



Supplementary Figure S2: Digital slices through the 3D density map of the human P-body "tomogram 2" presented in Figure 1C and D. Each digital slice corresponds to an average over 10



Supplementary Figure S3:

Schematic representation of the area defined as “close proximity” to the P-body on an image (0°) of the aligned tilted-serie. An ellipsoid was drawn around the P-body the dimensions of this ellipsoid were then multiplied by a factor of two (solid line). Ribosomes (dark dense bodies) were counted inside and outside of this volume.