In the version of this supplementary file originally posted online, the image in Supplementary Figure 3d was incorrect. The error has been corrected in this file.

Supplementary Figure 3  Comparison of chromosomal spreads at the same location prepared by different techniques: 87A-C heat-shock puffs in polytene chromosomes of D. melanogaster salivary glands.

(a) Best published examples of electron microscopy. (b) Our result using light microscopy as described (for high resolution image refer to Fig. 2 in the paper). (c) Light microscopy of the heat-shocked loci (bottom) compared to unpuffed loci with no heat-shock (top). (d) light microscopy with increased resolution; DAPI, red, combined with immunostaining of BEAF-32, green. (a) Reproduced from Chromosoma, volume 87(2), V.F. Semeshin, E.M. Baricheva, E.S. Belyaeva, and I.F. Zhimulev. Electron microscopical analysis of Drosophila polytene chromosomes I. Mapping of the 87A and 87C heat shock puffs in Development. 229-237. Copyright 1982, with permission from Springer. (c) Reproduced from Cell, 17(2), M. Ashburner and J.J. Bonner. The induction of gene activity in Drosophila by heat shock. 241-254. Copyright 1979, with permission from Elsevier. (d) Kindly provided by U.K. Laemmli. Copyright 2007, reproduced with permission from the author.