

ERRATUM

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# Erratum to: comparison of the three-dimensional organization of sperm and fibroblast genomes using the Hi-C approach

Nariman Battulin<sup>1,2,5†</sup>, Veniamin S. Fishman<sup>1,2,5†</sup>, Alexander M. Mazur<sup>3,5</sup>, Mikhail Pomaznoy<sup>1,2</sup>, Anna A. Khabarova<sup>1,5</sup>, Dmitry A. Afonnikov<sup>1,2,5</sup>, Egor B. Prokhortchouk<sup>3,4,5</sup> and Oleg L. Serov<sup>1,2,5\*</sup>

It has come to our attention that there are a number of minor errors in our recent article [1].

1. In the sentence ‘This increase in P(s) values was compensated by a lower contact probability in a diapason of long-range interactions at  $10^{-7}$  to  $10^{-8}$  bp.’, the negative signs should be removed. That is, it is a lower probability of long-range interactions at  $10^7$  to  $10^8$  bp.
2. In the sentence ‘A detailed analysis showed that the probabilities of contacts in fibroblasts were less than those in sperm cells, when counting regions separated by less than 40 Mb; for loci separated by 50 to 150 Mb, sperm cells display more than two times higher contact probabilities compared with fibroblasts cells (Fig. 5b).’ it should say ‘more than those in sperm cells’.
3. There is an error in Fig. 6, panels b and c. In the original figure, the labeling of the rows and columns on the heatmaps got misaligned, such that row/column 6 was labeled 5, 11 was labeled 10, and so on. A corrected version of the figure is provided. So for instance, there is a strong contact between chromosomes 9 and 11, and not between 10 and 12 as it appeared on the earlier version. The legend of the figure is unchanged.

#### Author details

<sup>1</sup>Institute of Cytology and Genetics, Novosibirsk 630090, Russia. <sup>2</sup>Novosibirsk State University, Novosibirsk 630090, Russia. <sup>3</sup>Center ‘Bioengineering’, Russian Academy of Sciences, Moscow 123098, Russia. <sup>4</sup>National Research Center, Kurchatov Institute, Moscow 123098, Russia. <sup>5</sup>Skoltech Center for Stem Cell

\* Correspondence: serov@bionet.nsc.ru

†Equal contributors

<sup>1</sup>Institute of Cytology and Genetics, Novosibirsk 630090, Russia

<sup>2</sup>Novosibirsk State University, Novosibirsk 630090, Russia

Full list of author information is available at the end of the article

Research, Skolkovo Institute of Science and Technology, Skolkovo 1443025, Moscow, Russia.

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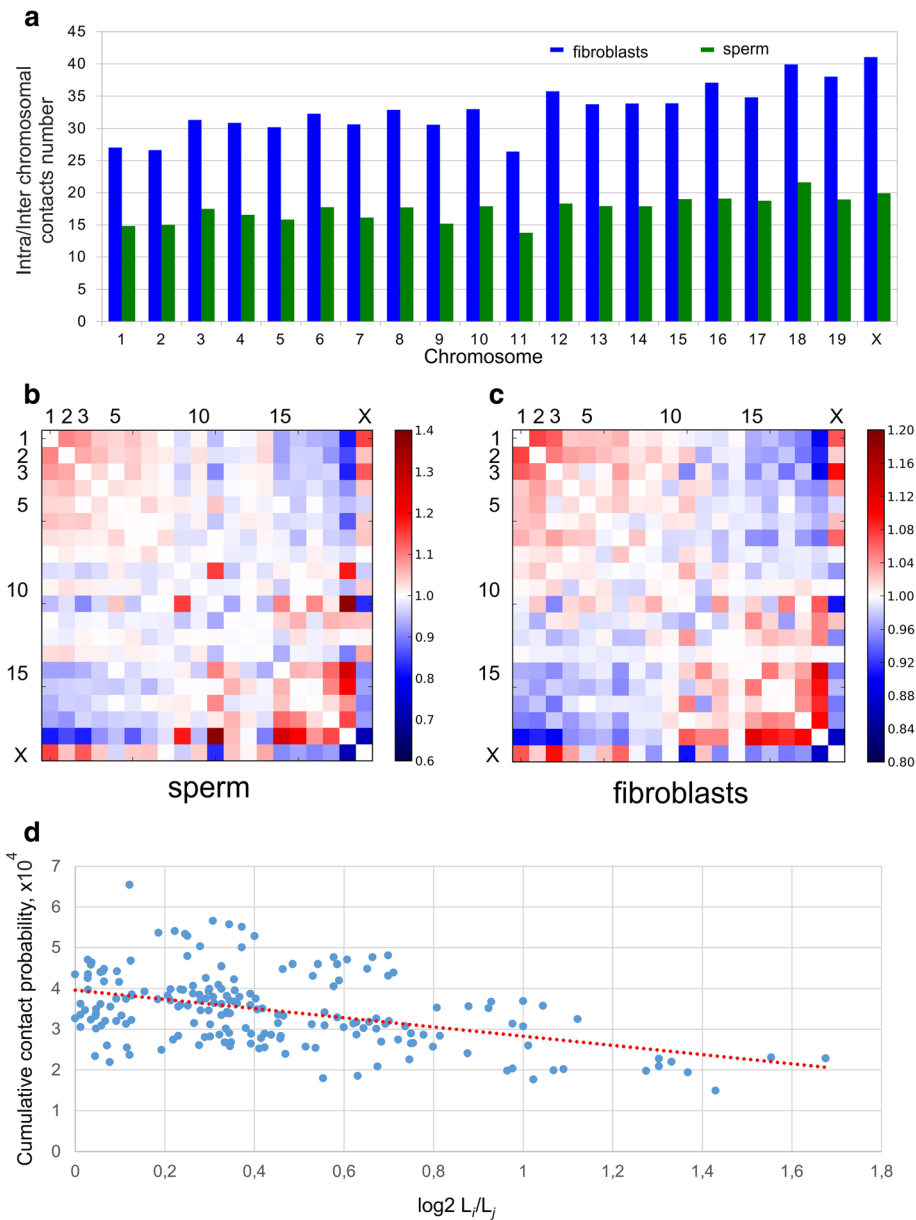
1. Battulin N, Fishman VS, Mazur A, Pomaznoy M, Khabarova AA, Afonnikov DA, et al. Comparison of the three-dimensional organization of sperm and fibroblast genomes using the Hi-C approach. *Genome Biol.* 2015;16:77.

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**Fig. 6** Analysis of intrachromosomal contacts in sperm cells and fibroblasts. **a** The ratio between intra- and interchromosomal contact numbers for sperm cells (green) and fibroblasts (blue). **(b, c)** The two-dimensional heatmaps show the observed number of interactions between any pair of chromosomes divided by the expected number of interactions between those chromosomes for sperm cells (**b**) and fibroblasts (**c**). The color of each dot represents the enrichment (red) or depletion (blue) of contacts compared with the expected values. **d** The observed number of interactions between any pair of chromosomes plotted against the difference in the lengths of those chromosomes. The dotted lined represents the linear trend for obtained values