

**Fig. S20** The density of *P*-element insertions in the morphological structures of the fourth chromosome. The horizontal axis shows the bands and interbands of the fourth chromosome. The vertical axis shows the density of *P*-element insertions (pcs/kb of the structure under consideration). The blue bars correspond to the interbands, the gray ones to the bands, the white ones to the band gaps (model gaps which were not included in the bands or interbands).