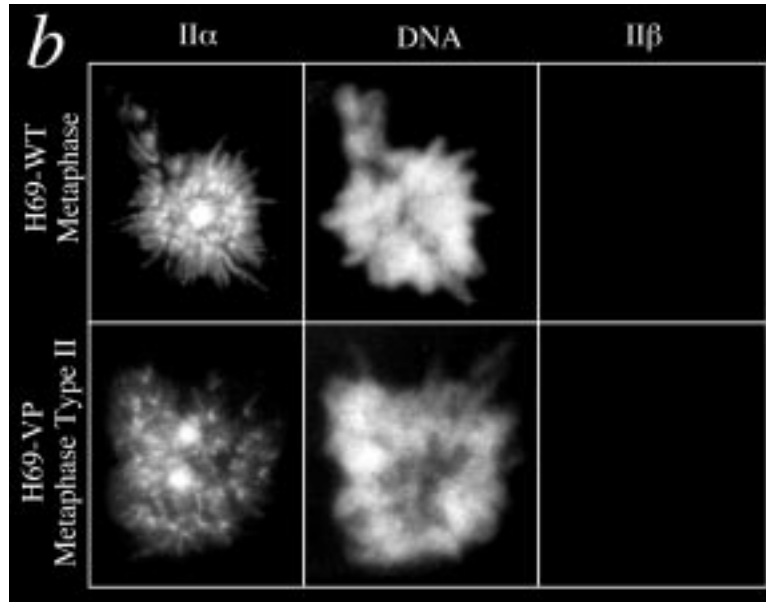


## Figure 4b

Metaphases imaged at high resolution ( x 1000 magnification).



Chromosomal spreads were prepared from H69-WT (top) or H69-VP (bottom). Cells in logarithmic growth were blocked with 0.26  $\mu\text{M}$  demecolcin for 24 h, hypotonic lysed (75 mM KCl, 10 min, 4°C) followed by cytospinning and staining with topoisomerase II antibodies.

The figure shown (top) is an example representative of more than 95% of the chromosomal metaphase spread of H69-WT. The type II metaphase figure (bottom) is a representative for 80 % of the chromosomal metaphase spread of H69-VP.