

Table referenced as "Re-distribution of newly synthesized DNA"

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Re-distribution of newly synthesized DNA.

(Based on the experimental data of Woods and Schairer)
(2 x 25 chromosomes each treatment)

Treatment	suggested ratio	1:1		1.5:1		1.75:1	
		χ^2	P	χ^2	P	χ^2	P
Control		43.61	0.72	23.44	0.99	55.07	0.3
Colchicine		35.29	0.94	19.1	0.99	45.91	0.5

The values for for the ratios 1.5:1 and 1.75:1 were calculated under the assumption that the chromatid showing the higher number of grains represented the more heavily labelled one, the inverse probability of the more heavily labelled chromatid showing fewer grains was neglected. It is considered unlikely that the error thereby introduced should affect the conclusions.