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LOCALIZATION OF GIEMSA BANDS IN LOTUS PEDUNCULATUS CHROMOSOMES

Incubation of root tip preparations in 2 X SSC (0.3 M NaCl, 0.03 M trisodium citrate) followed by staining in 2% Giemsa elicited pericentromeric and telomeric bands in Lotus pedunculatus Cav. chromosomes. All chromosomes were readily distinguishable by the size and location of their bands. In several instances the bands correlated with heterochromatically condensed chromatin. Connectives between prophase telomeres were also observed.