

栽培芍药染色体的Giemsa C-带及体细胞染色体联合的观察1)

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摘要 作者用Giemsa C-带技术观察了栽培芍药三个品种的染色体带型, 它们之间的差别主要是第I和第II对染色体C-带的不同。间期核的染色中心数目不是固定的, 而是可变动的。这些染色中心在整个间期核阶段始终保持着后末期的基本构型。此外, 观察到体细胞同源染色体的联合百分率为32%其中具随体的染色的联合百分率达40%。

关键词

分类号

OBSERVATION ON THE GIEMSA C-BANDS AND SOMATIC ASSOCIATION OF THE CHROMOSOMES IN CULTIVATED PAEONIA

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Abstract

C-banding technique, it is found that the main difference among them lies in the I and II chromosomes C-bands. The number of chromocentres in the interphase nucleus is not constant but variable. And these chromocentres remain basically in the anaphase-telophase structure pattern. In addition, it is also found that the percentage of somatic association is 32%, among other things, and that the percentage of the somatic association of SAT-chromosomes reaches as high as 40%.

Key words

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