

SCHIZOSACCHAROMYCES POMBE

References : CMS/C., CMS/CDC., CMS/WEE.



Thermosensitive strain [Cdc] of the temperature influence kit

Schizosaccharomyces pombe strain cdc2-33 mutated on a gene involved in cell division (the cdc2 gene). This mutation is expressed only at a given temperature (thermo-sensitive) which makes it possible to demonstrate that the expression of certain genes also depends on the environment.

This mutation lengthens the cell cycle and results in longer than normal cell size and often aberrant forms.

Réf : CMS/CDC.

Wild strain [C] of the metabolism kit

This species has the particularity of reproducing by scissiparity (transversal partitioning).

Réf : CMS/C.

[Wee] strain of the temperature influence kit

Schizosaccharomyces pombe wee cdc2-3w strain has a non-thermo-responsive mutation that accelerates the cell cycle and results in premature division resulting in diminished cell size.

Réf : CMS/WEE.