

os-1

Record of Neurospora Culture

Fungal Genetics Stock Center, Botany Department, Dartmouth College
Hanover, New Hampshire, U.S.A.

FGSC #
1675

GENOTYPE os-1: osmotic A
mating type

ALLELE DESIGNATION(S) AR2
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 1448

ORIGIN OF STOCK _____
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE Perkins et al. N. Newsl. 14, XP29

(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,
distinguishing characteristics spont.

LINKAGE GROUP(S) IR; COMMENTS (special growth conditions,
aberrations, heterocaryon compatibility, genetic background, comple-
mentation group, etc.) _____

(use additional space on back of page if necessary)

YOUR NAME D Perkins David D. Perkins DATE _____

Please do not write below this line

lyophilized 5/19/69, _____, _____, _____, _____

checked for viability 8/29/69 ok, 6/13/83 ok, _____, _____, _____

checked for genotype 12/12/68, 5/3/82 ok, 6/24/83 ok

other storage method 9/12/68, 6/15/83, _____, _____, _____

checked for viability ok, 4/30/82 ok, 6/20/83 ok, _____, _____

sent to:

name	date	name	date
(eg) L.H. Wang (Occidental College)	1/4/78		
(eg) FGSC - tested ok	2/24/77		
(eg) M. Guindale (U of Sheffield)	7/18/81		
(56) G. Sorger (McMaster Univ)	6/8/83		

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"os mutants are osmotic-sensitive, not resistant, wild type (os+) grows on 4% NaCl; os mutants do not. In addition, all the loci named os (also cut) show a typical morphology on slants on ordinary medium, characterized by sticky, adherent mycelia forming an aerial fluff high in the tube, with a smooth surface (hence the name "cut" for one locus). Some alleles conidiate lower down in the tube, others do not. The mycelia high in the tube are often intense orange (hence the name "flame"). There is often rupture with bleeding of gobs of orange cell-contents, orange at first, becoming brown." (D.D.Perkins --letter dated March 13, 1981).