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# Additional special-purpose Neurosporo stocks

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## Additional special-purpose Neurosporo stocks

### Abstract

Additional special-purpose stocks

	Genotype	FGSC#	Genotype	FGSC#
Linkage testers for extremes of individual linkage groups: Strains for selective enrichment of mutants:				
LG I	un-5 A al-2 arg-13	2282	al-3 inos (89601 ) A	2308
	un-5 a al-2 arg-13	2283	al-3 inos (89601) a	230
LG IV		22//	al-3 inos (89601); sn cr A	2303
	<u>cys-10</u> Uvs-2 g	2266	al-3 inos (89601); sn cr a	2306
LG VI	chol-2 ylo-1 acr-7 A	2358	al-3 inos (83201+) A	2309
	chol-2 ylo-1 acr-7 a	2359	al-3 inos (83201t) a	2300
		2284	al-3 inos (83201t); sn cr A	2305
LG VII	spco-4 wc fir A	2284	al-3 inos (83201t); sn cr a	2304
	spco-4 wc nr a	2285		
Reference strains for Neurosporo species:				
N intermedia				
P420	A (Clewiston-1h)	2316		
P405	<u>a (LaBelle-1b)</u>	1940		

Perkins, D. D. Additional special-purpose Neurosporo stocks.

The following additions to the list in Neurosporo Newsletter #19 ore now available:

Notes:

In linkage group VI, **q** new marker ocr-7 is located near ws-1, far right of <u>tryp-2</u>. The new testers will be more efficient than chol-2 Acriflavine 2at 0.05 mg/ml is effective for scoring.

In the strains for enrichment, the closely linked albino gene al-3 serves as a marker for inos. Presence of sn cr allows for replication without precluding the possibility of using original isolates from mutant hunts as female (protoperithecial) parents in testing for cytoplasmic inheritonce. Advantages of the temperature-sensitive inos allele 8320lt hove been pointed out by Sullivan and DeBusk (1971 Neurosporo Newsi. 18: 13).

For validation of the N. intermedia reference strains, see Perkins and Turner (1973 Neurospora Newsl. 20: following paper).

In the multiply marked **centromere** testers ("multicent") described in **Neurospora** Newsl. 19, it should be noted that morphology of the balloon progeny becomes highly variable **as** they age, because of modifiers. This does not prevent reliable early scoring of bal vs. **bal<sup>+</sup>**. FGSC numbers for the multicent testers were given incorrectly on p.33 of that issue. Numbers 1985 ond 1986 are correct, instead of 1085 and 1086. • • • Deportment of Biological Sciences, Stanford University, Stanford, Califormia 94305.