

I should also mention something about mating type, Bill. A particular designation can be incorrect since the progeny of a given cross were all routinely tested with only one mating type. Lack of perithecial formation was then taken as indicating both strains were the same MT, when in fact they might not be. Many of the mutants were not crossed further, so in some case this is all the data I have.

As you know I have been out of the Neurospora business for some time now and have waited to publish this long overdue research effort until we knew more about the mutants. Alan Lambowitz came to the rescue and he is very excited about some of the mutants and several reports are either already in the literature or are in press. In sending them to you I have just taken most of them off silica gel and they were not tested further before sending them to you. I most certainly regret this and even hesitated doing it, but I no longer have my Cary for spectrophotometric work nor the Gilson Gxygraph for respiratory studies. I sold them all off to get some equipment to start the plant tissue culture work. If you have any complaints, let me know. It might also help you to know that both Lambowitz and Bertrand and Collins have most or all of my mutants and they would provide a good source if mine do not pan out OK, although I do not anticipate you will have any trouble. I am sorry that I did not have the time to plate each strain out and send single conidial isolates to you, but that is the way it goes. I hope I am leaving on a good note since this is a very exciting group of mutants

Best regards

Thad H Pittenger

Collins, R. A., Bertrand, H. LaPolla, R.J. and Lambowitz, AM, Mitochondrial Ribosome assembly in Neurospora crassa. Mutants with defects in mitochondrial ribosome assembly. Submitted to MGG. This references has work involve isolates 289-56, 289-67, 299-9, 289-4, and 297-24.

Mutants 289-67 and 299-9 are the subject of a paper: Defective splicing of mitochondrial rRNA in cytochrome-deficient nuclear mutants of Neurospora crassa by Manella, CA, Collins RA, Green MR and Lambowitz, A. M. PNAS in press

299-1 mentioned in Bertrand and Collins: A regulatory system controlling the production of cytochrome aa_3 in Neurospora crassa. MGG 166: 1-13 (1978)

Excuse my lead typing! Regards to Ray