Personal memo from
JOSHUA LEDERBERG

Dr. Boris Magasanik
M.I.T.

FEB 22 1988

Was $Lac_3$ a crp or cya?

Dear Boris –

Please, can you help me rectify links to the past?

Do the $Lac_3$ phenotypes (see enclosed) match what you know of crp, cya mutants? Or what?

They were "glucose-nonfermenting" on EMB glucose nutrient agar. I don't believe I tested them on glucose as sole carbon source. (Probably I did and they did grow).

And note the "specific sup" restoring $Mal^+$ etc. phenotypes.

Does that identification make sense – including the "glucose-nonfermenting"?

I haven't looked at this in 25 years so you could save me a lot of literature lookups.

Much appreciated,

Sincerely,

THE ROCKEFELLER UNIVERSITY NEW YORK 10021-6399

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P.S. The rate of glucose utilization needed for rapid growth is only a few % of that relative to "fermentation". And of course the latter is tested with excess glucose: ~ 1% in medium.

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