

*The School of Medicine*  
**UNIVERSITY of PENNSYLVANIA**  
PHILADELPHIA 4

DEPARTMENT OF ~~BACTERIOLOGY~~  
Microbiology

April 12, 1951.

Dr. Aaron Novick  
Institute of Radiobiology and Biophysics  
University of Chicago  
5650 Ellis Avenue  
Chicago 37, Illinois

Dear Dr. Novick:

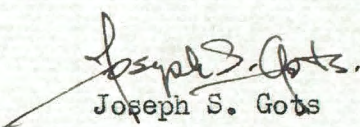
Under separate cover I am mailing you transplants of five representative E. coli B mutants. The requirements for these mutants are:

B-12 Proline  
B-33 Leucine  
B-62 Histidine  
B-135 Threonine  
B-203 Methionine

When last examined, these appeared quite stable with no evidence of reversions to independence. I hope they suit your purpose. If they do not, we have many other mutants of similar as well as different nature which we will be glad to send you. I will be interested in hearing of your results with these strains.

Sincerely yours,

JSG:jlh

  
Joseph S. Gots

1155 East 57th Street  
Chicago 37, Illinois  
December 11, 1951

Dr. Joseph S. Gots  
Department of Microbiology  
The School of Medicine  
University of Pennsylvania  
Philadelphia 4, Pennsylvania

Dear Dr. Gots:

You were so kind as to send us a number of mutants of your E. coli B strain which you have listed in your letter of April 12, 1951 which was addressed to Dr. Novick. I wonder whether upon receiving these lines you could send us a slant of the original coli strain from which these mutants were derived. We would like to compare certain properties of this original strain with the mutants that you sent us.

We would get the slant fastest if you sent it air mail to my private address, 1155 East 57th Street, Chicago 37, Illinois. We are quite anxious to do a few experiments with it before Christmas.

With many thanks and best wishes,

Very sincerely yours,

Leo Szilard

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# WESTERN UNION

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W. P. MARSHALL, PRESIDENT

Send the following message, subject to the terms on back hereof, which are hereby agreed to

NIGHT LETTER

DR. JOSEPH S. GOTS  
 DEPARTMENT OF MICROBIOLOGY  
 THE SCHOOL OF MEDICINE  
 UNIVERSITY OF PENNSYLVANIA  
 PHILADELPHIA 4, PENNSYLVANIA

REGARDING MY LETTER WOULD VERY MUCH APPRECIATE YOUR MAILING US IN  
 ADDITION ALSO WILD TYPE MUTANTS WITH SINGLE AMINO ACID REQUIREMENTS STOP  
 PREVIOUSLY YOU SENT US SUCH MUTANTS WITH A LOW RATE OF REVERSION TO  
 PROTOTROPHY STOP THIS TIME WE WOULD LIKE TO HAVE MUTANTS WITH HIGH  
 RATE OF REVERSION STOP MANY THANKS

LEO SZILARD

Institute of Radiobiology and Biophysics  
 University of Chicago - December 13, 1951

# UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

*The School of Medicine*

DEPARTMENT OF BACTERIOLOGY

Microbiology

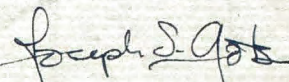
December 14, 1951.

Dr. Leo Szilard  
1155 East 59th Street  
Chicago 37, Illinois

Dear Dr. Szilard:

I am sending you our strain of E. coli B today. There will be a delay of several days before we can get the others which you requested to you. We have made no particular studies on reversion rates since we have been primarily interested in biochemical mechanisms. Ordinarily we have little use for strains showing rapid reversions and do not usually stock them. However, I shall go through our stocks, select and subculture some which show late growth in un-supplemented media. This will require several days. As soon as we have a subculture we will send them to you. I hope they will serve your purpose.

Sincerely yours,



Joseph S. Gots

JSG:jlh

1155 East 57th Street  
Chicago 37, Illinois  
January 15, 1952

Dr. Joseph S. Gots  
Department of Microbiology  
The School of Medicine  
University of Pennsylvania  
Philadelphia 4, Pennsylvania

Dear Dr. Gots:

I am writing to thank you for sending us various slants of bacteria which have all arrived in good order and are being used in various experiments. It was very kind of you to bother with this matter and we appreciate very much your cooperation.

With many thanks and best wishes,

Sincerely yours,

Leo Szilard

LS/sds

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

*The School of Medicine*

DEPARTMENT OF ~~BACTERIOLOGY~~  
Microbiology

December 18, 1951.

Dr. Leo Szilard  
1155 East 57th Street  
Chicago 37, Illinois

Dear Dr. Szilard:

I am sending you under separate cover four (4) mutants of E. coli, strain B. The original requirements of these mutants were as follows:

- B-64 - Methionine or cystine
- B-85 - Tryptophane
- B-150 - Homoserine or (methionine plus threonine)
- B-159 - Niacin (nicotinic acid)

All of these mutants showed late growth in unsupplemented media. These haven't been studied for some time and hence their behavior may be different. I hope they serve your purpose and will be greatly interested in your results.

Sincerely yours,

*entered in book*

JSG:jlh

*Joseph S. Gots*  
Joseph S. Gots