



Phagehunting Program

Phagehunting
Protocols



References for Gene Functions

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TM4 structural genes

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L5 integrase

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L5 Xis (gp 36)

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L5 structural proteins

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L5 genes that are cytotoxic, (Set of genes that we know that the clones can not be transformed into a non-lysogen)

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TM4 non-essential genes, D29 non-essential genes

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M E Ford, G J Sarkis, A E Belanger, R W Hendrix, G F Hatfull

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L5 Promoters

MOLECULAR MICROBIOLOGY. Vol 17, Issue 6, Pages 1045-56, 1995.

Transcriptional regulation of repressor synthesis in mycobacteriophage L5.

C E Nesbit, M E Levin, M K Donnelly-Wu, G F Hatfull

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Unpublished:

Bps gene 22 :

Mutations in this gene have expanded host range

Rosebush genes 32 and 42

Mutations in these genes have expanded host range

Cluster N integrases and repressors, Brujita Integrase and repressor Cluster J capsids:

Identified through N-terminal sequencing

Giles non-essential genes identified through BRED