

Mutations: If the gene prim codes for primase and a cell is prim-, why is the cell wild-type with regards to transcription?

Normal
0

false
false
false

EN-US
X-NONE
X-NONE

MicrosoftInternetExplorer4

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```
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mso-style-noshow:yes;
mso-style-priority:99;
mso-style-qformat:yes;
mso-style-parent:"";
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mso-para-margin-top:0in;
mso-para-margin-right:0in;
mso-para-margin-bottom:10.0pt;
mso-para-margin-left:0in;
line-height:115%;
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font-size:11.0pt;
font-family:"Calibri", "sans-serif";
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mso-ascii-theme-font:minor-latin;
mso-fareast-font-family:"Times New Roman";
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mso-hansi-font-family:Calibri;
mso-hansi-theme-font:minor-latin;
mso-bidi-font-family:"Times New Roman";
mso-bidi-theme-font:minor-bidi;}
```

This question requires recalling some Exam II material. Primase lays down an RNA primer during DNA replication. The question is asking if transcription would be affected by a mutated primase gene. Since primase is involved in replication, the cell would be wild-type to transcription because the process of transcription would be unaffected.

Unique solution ID: #2016

Author:

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