A

<table>
<thead>
<tr>
<th>Stationary Phase</th>
<th>Asynchronous Exponential Growth</th>
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<td>SbcCD⁺ Pal⁺</td>
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Distance from oriC (Mb)

- Biological Repeat 1
- Biological Repeat 2
- Biological Repeat 3

B

Distance from dif (Mb)

- 2859/1777
- 2859/2151
- 2859/2874

DSSB-induced Change in DNA abundance

C

Genome Co-ordinate (Mb)

- Left Replichore
- Right Replichore

m = 7.8 x 10⁻⁷
m = 7.8 x 10⁻⁷
m = 7.8 x 10⁻⁷
m = 7.6 x 10⁻⁷
m = -8.1 x 10⁻⁷
m = -8.0 x 10⁻⁷
m = -8.1 x 10⁻⁷
m = -8.8 x 10⁻⁷

D

Distance from dif (Mb)

Log₂(normalized genome coverage)

m = -6 Kb (±3)*
-1 Kb (±5)*
-9 Kb (±1)*
-99 Kb (±6)*

*Predicted Position of Replication Termination