A a N -Ca a T a -S I G a b R T a a *I V*

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Abstract

Ba : *in vivo*

P a F : *in vitro*

C :

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((

G

Introduction

( ) -
D 1A (D 1A) 1A , 1A
D 1A
1A
D 1A C (- C),
1A ,
1A ,
, -
.
(1)
D 1A .
1A
D 1A
,
D 1A
2 ,
3 .

4,5,6,7,8 ,
- 9 ,
10 . A
-
.

Figure 2. An system for the analysis of apparent trans-splicing. *HXK1* *KRE29*

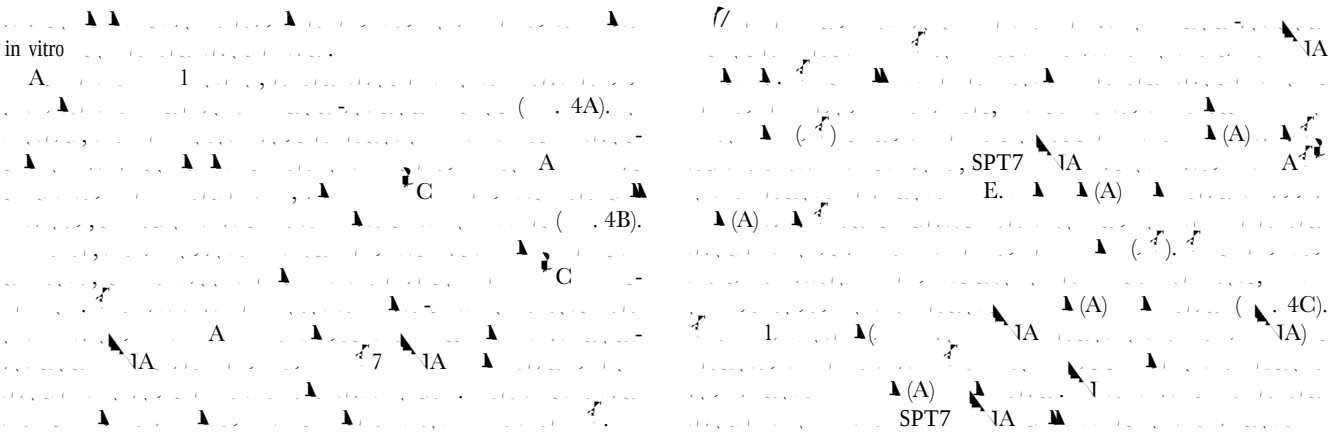

Figure 3. / **formation of sense-antisense fusions.** *SPT7* *SPT7* *SPT7* *SPT7*

23,24 .

in vitro

A

- 9 .

A

Materials and Methods

in vitro D 1A
(1EB) E - ( ).
1 1/ 1 HXK1, E29
1/ 1 KRE29 7 1/ 1 SPT7;
Xho 1 µ 7 1A (1EB)
2 37°C. 1 BE,
8 . B
A5100 . 1A
4 0.5
1 /A /1 ED A/0.1% D ,
1 µ .
C
(1EB),
A 50°C 1
HXK1/KRE29 C 53°C SPT7 C . (A) ,
50 1A 5 (A) (1EB)
1 A , A (A).
: 0.5 1A, 500 1A
( ), 125 0.5 µ 10 1
6.5 µ 65°C 5
2 . 2 µ 5 1 µ 0.1 D
0.5 µ (100) ( ).
10 , 42°C
50 70°C 15 . ( ) , 250
( )18 ,
42°C .
,
. D 1A D 1A
500 1A , 0.5
Xho -Pvu .
A D (C)
65°C 6 µ −1 1 −1
.
A : 0.5 1A, 500 1A ( )
125 8.25 µ
5 70° 5 . 1.25 µ 10 2.5 µ
5 0.5 µ (5) A ( ).
1 37°C.

Supporting Information

Table S1 . A
.
,
.
/ .
- C
, C
E - .

10. , , C. (2002) D - l ? EB 520: 185. 185.
11. E (2005) - : ? 21: 240. 247.
12. , A (2006) A - : - lA . B 98: 135. 140.
13. , E (2010) D -