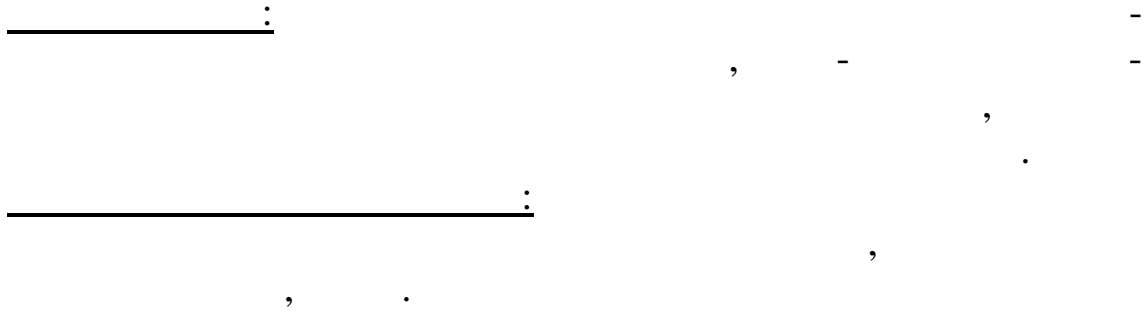


12.



1. , , ,

2. :

. ? ?

3. -

4. EcoRI,

SmaI.

5. :

1. 27 -

5`- -3`  
3`- -5`

2. 24 -

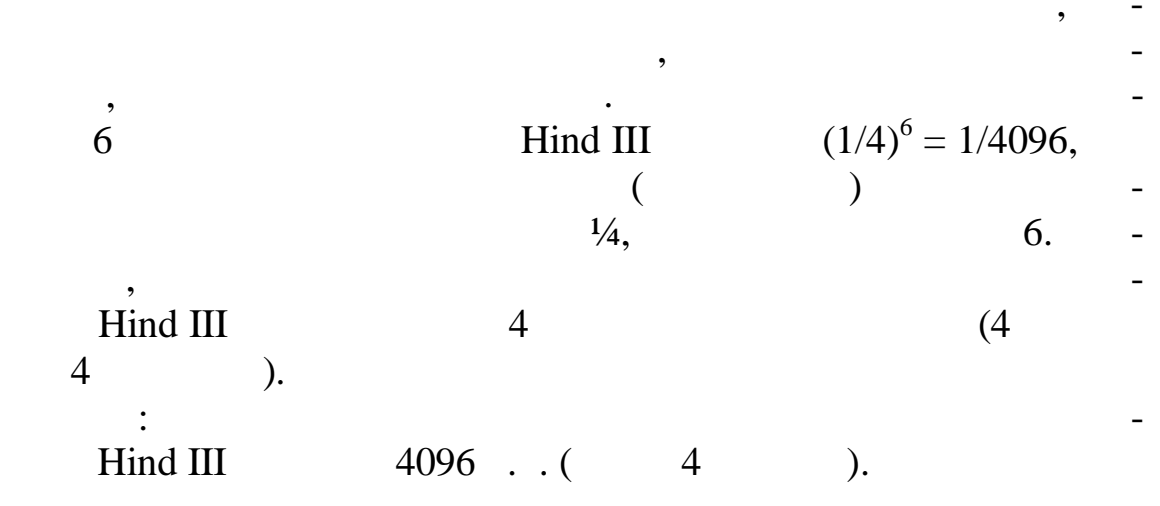
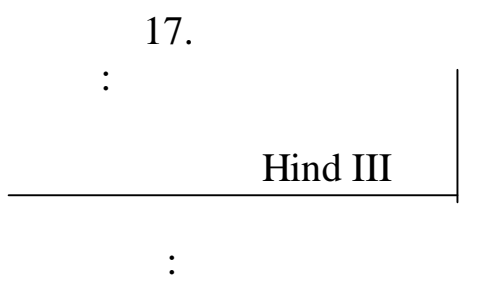
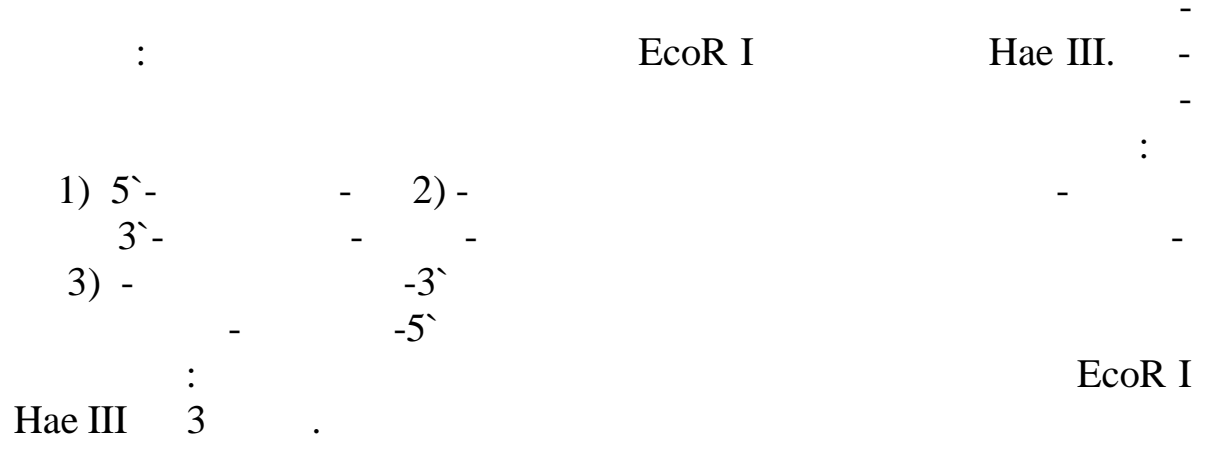
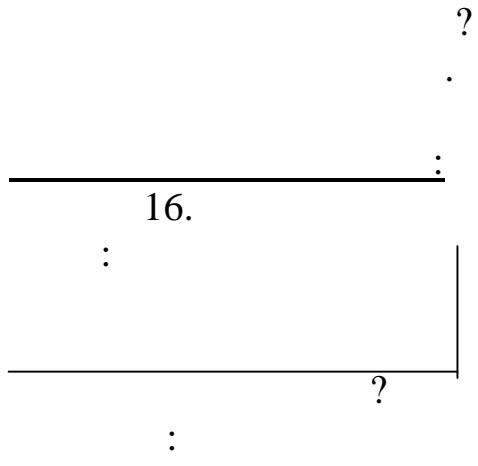
5`- -3`  
3`- -5`

3. -

?

	) 5`-			-3`	
	) 5`-			-3`	
4.					-
			?		
	) 5`-			-3`	
	) 5`-			-3`	
	) 5`-			-3`	
5.				Hpa II	-
6.				EcoRI	-
			?		
7.					-
				,	-
				?	-
8.					$3 \times 10^9$
					-
	Not	I,			-
	?				-
9.					-
	Sma I?				
10.					Saccharomyces
cerevisiae,					$13,5 \times 10^6$
					-
	EcoRI,				-
	?				
11.				Saccharomyces cerevisiae ( $13,5 \times 10^6$ . .)	
				HaeIII.	
				?	
12.				Escherichia coli,	
				,	$4,7 \times 10^6$ . .
				HaeIII.	
				?	
13.				Drosophila melanogaster,	-





18.

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EcoRI  
 $3 \times 10^9$  . . .  
 - ?

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, , ,

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,

$1/4$ .

( , )

$1/4 \times 1/4 =$

$(1/4)^2,$

$(1/4)^6 = 1/4096.$

, EcoRI

4096

n+1

n

$3 \times 10^9$

$732\ 422 (3 \times 10^9 / 4096)$

EcoRI.

, EcoRI

$732\ 422 + 1$

23

.

EcoRI

$732422 + 23$

.

EcoRI,

?

: 732445

EcoRI.

19.

:

\_\_\_\_\_

- ?

:

EcoRI,

1 , 1

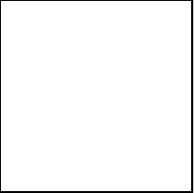
2 , 2

1 ) 5`-  
 3`-

:

1 )  
 -5`

-3`



2 ) 5`-  
3`-

2 )

-3`  
-5`

1 2 .  
,

5`-  
3`-

- - - - -  
- - - - -

-3`  
-5`  
1 2

“ “

:

EcoRI

6.

3.3.

:

- 1.
- 2.
- 3.
- 4.

EcoRI?

- 5.
- ?

?

?

( )