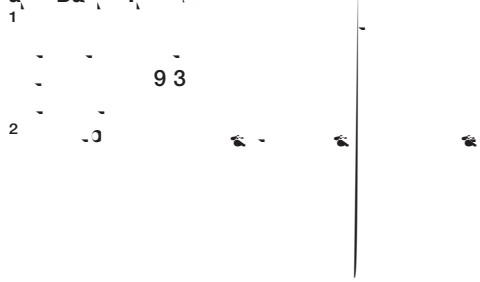


# RNA D<sub>2</sub> a a E I P a N a P a a C

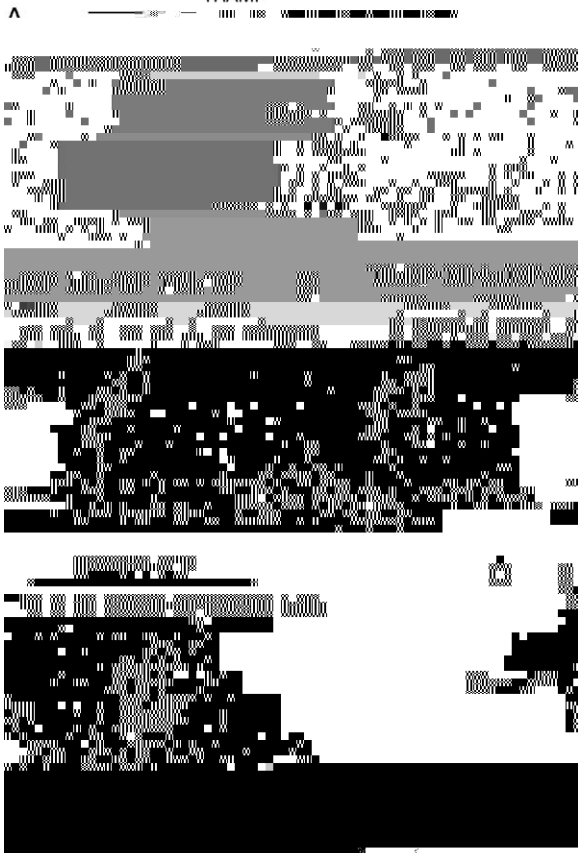
J LaCa a,<sup>1</sup> J a a H ,<sup>1</sup>  
C Sa a ,<sup>2</sup> E a P a ,<sup>1</sup>  
E a T ,<sup>1</sup> A a Ja<sup>2</sup>  
a Da T ,<sup>1,\*</sup>





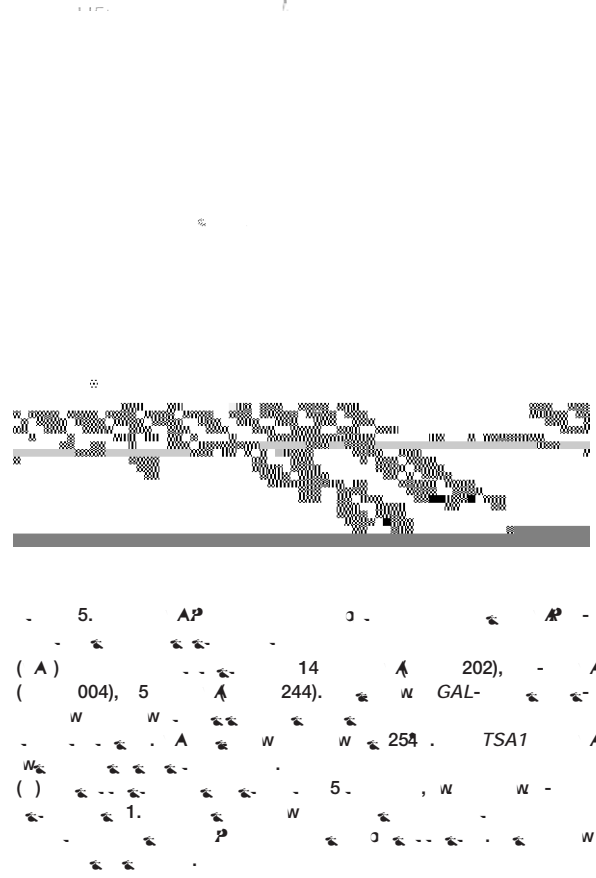
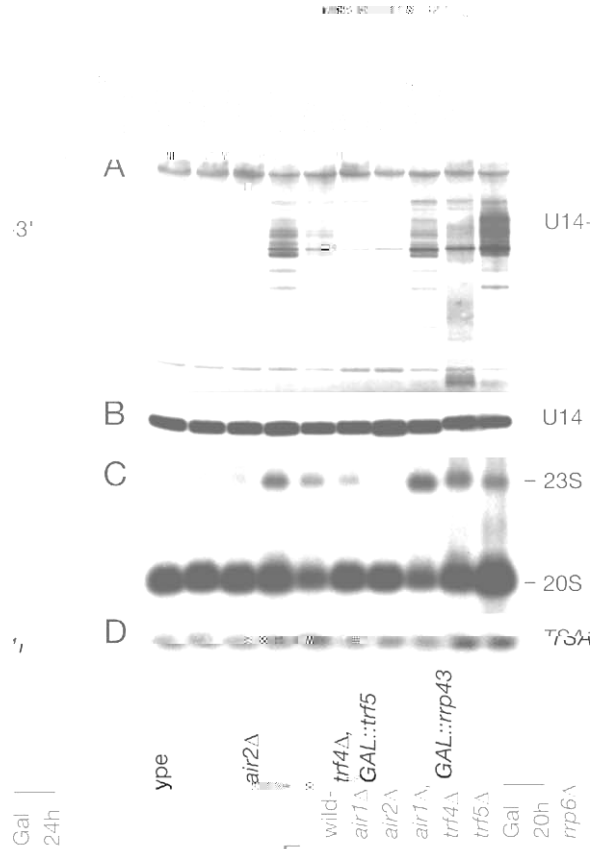
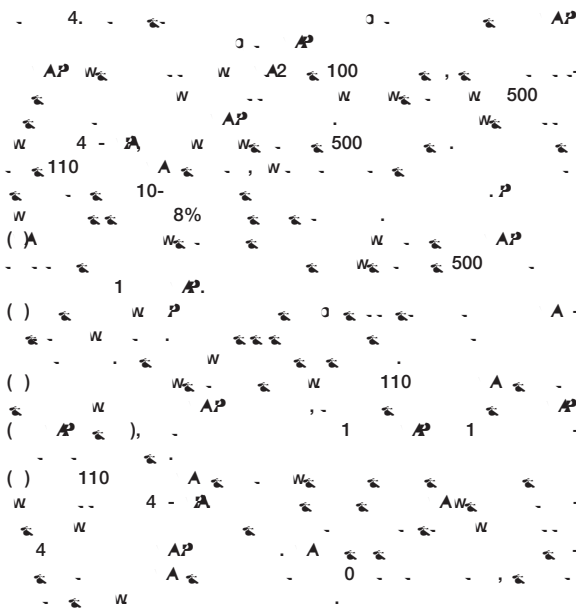
- 1. 4 w 4, 5,  
A2  
(A - 4 5 - - -

TRAMP



2. APP A  
 AP W 4 - A W W  
 150 4, 4, 5, A2 W  
 W W 500 A W  
 304  
 (A) 37 A 5', 37  
 (A) W AP

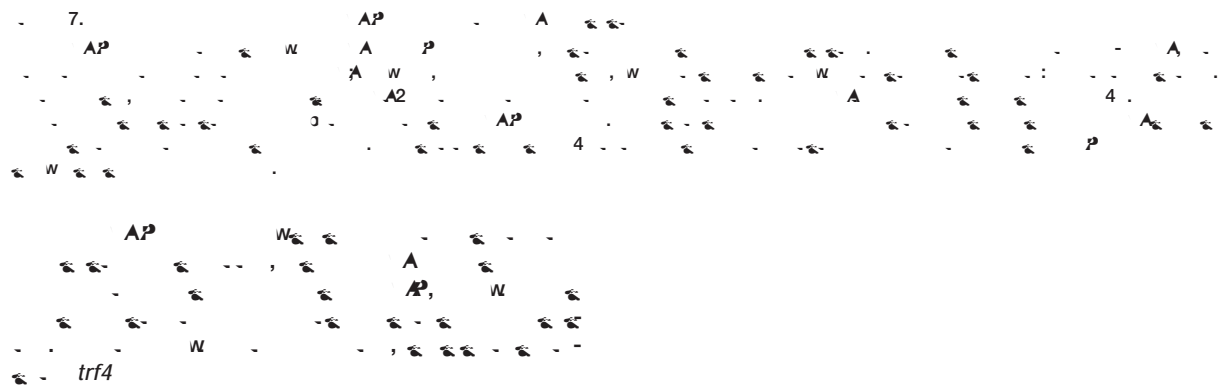
3. AP  
A  
W W 500 4 - 2A  
AP W 4 - 2A  
4 - 2A A2 - 2A 150  
W  
AP  
W 500 A  
1 AP W  
12% 304  
(A 37 A W /  
W AP W 4 - 2A /  
AP W  
( ) 110 A W / AP  
W / AP  
( ) A2 - 2A 4 - 2A 5 - 2A  
4 - 2A W





*w*      *air1D, air2D*      -  
*trf4D*      *w*      *trf4D,*  
*GAL::trf5*      14-3',      5      -  
                 *trf4D*      ,      -  
                 5      *trf4D, GAL::trf5*      *w*      -  
                      *trf4D*      -  
                 6 ,      -  
14-3'      *w* , *w*      *rrp6D, trf4D*  
                 *trf4D* ( *w* ).      *AP*      -  
                 14 *w*      ( - -  
5 ).      3'-  
                 *w*      *w*      -  
                 *w*      ,      -  
                 *w*      *w*      -  
                 *w*      ,      -  
                 *w*      ( *w*      -  
                 *w* , 1999 ).  
                 *w*      23      *w*      -  
*air1D; air2D*      *trf4D*      *trf5D*  
                 *w*      *trf4D*      -  
                 *w*      5 ,      4  
                 5      *w*      -  
                 5      *w*      -  
                 *w*      , *w*      -  
                 3'      -  
5-      5 : 5      *w*      *w*  
                 *air1D, air2D, trf4D*      ( - 5







27 ( A - - - ) - - - A  
(P - ). S. cerevisiae - - - W - -  
- - - ( - - - , 1997).  
2- -2001-01554

I. V. A. a . .  
- - - ( , 1987).  
3.

D a a RNA  
A(20 μ ) W 500 ( )<sub>18</sub> - 25 - -  
( 7.5), 1 A50 W - 684  
304 . , 6.7 W 37 - - ( 7.5), 83  
1 A1 , 30 μ / A - -  
8% 1 304 W 1 W  
A - - ( ) A W - -

P P a  
- - - W - - - ( - - )  
( , 1999). - - - W - - - 2 P 600 2.0  
3.0 ( 0.4 0.6 ) - 20 - - ( 7.6), 5  
0.1% - P40, 150 - - -  
( ) - - - W - - -  
30,000 20 - 44 . - - - W

