A
Nuclear RNA
Cytoplasmic RNA
HMRluc
HMΔeLTRluc
GFP Rem Rex1 GFP Rem Rex1
GFP Rem Rex1 GFP Rem Rex1
45S
32S
20S
28S
18S
1 2 3 4 5 6 7 8 9 10 11 12
B
FR: N C N C N C N C N C N C N C N C N C N C
Rev: - - + + - - + + - - + + - - + + - - + +
RT: - - - - + + + + + + + + + + + + + + + +
bp
2955
1266
877
370
cat
gapdh
1 2 3 4 5 6 7 8 9 10 11 12 M 13 14 15 16 17 18 19 20 M
C
Nuclear
Cytoplasmic
HMRluc
HMΔeLTRluc
bp M GFP Rem Rev GFP Rem Rev GFP Rem Rev GFP Rem Rev P H2O
887
370
717
605
497
Rluc
gapdh
1 2 3 4 5 6 7 8 9 10 11 12 13 14
bp M GFP Rem Rex1 GFP Rem Rex1 GFP Rem Rex1 GFP Rem Rex1 H2O
887
370
Rluc
gapdh
1 2 3 4 5 6 7 8 9 10 11 12 13
D
Relative Cytoplasmic Rluc RNA
2
1.5
1
0.5
0
GFP Rem GFP Rev GFP GFP Rem GFP Rev GFP
HMRluc
HMΔeLTRluc
Relative Cytoplasmic Rluc RNA
1.5
1
0.5
0
GFP Rem GFP Rex1 GFP GFP Rem GFP Rex1 GFP
HMRluc
HMΔeLTRluc