

W d	
2X RT-PCR Reaction Mix ^[1]	1.25 ml
RT-PCR Enzyme Mix ^[2]	125 µl
RNase-free ddH ₂ O	1 ml

[1] dNTPs [2] RNase Hotstart Taq DNA DNase

-15 ~ -25

2X One Step RT-PCR Mix + PCR GSP
RNA PCR 2

cDNA GSP RNA
DNase DNA DNase

1.1 10%

2X One Step RT-PCR Mix	25 µl	1X
RT-PCR Enzyme Mix	2.5 µl	-
(10 µM)	2 µl	0.4 µM
(10 µM)	2 µl	0.4 µM
RNA		1 pg-1 µg
RNase-free ddH ₂ O		-
	50 µl	-

1.2

2 kb

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	1	1	50°C ¹	30 min
	2	1	95°C	2 min
	3	30~35	95°C	30 sec
			55~68°C ²	30 sec
			72°C	0.5 min/kb
	4	1	72°C	5~10 min

2 kb

	1	1	50°C ¹	30 min
	2	1	95°C	2 min
	3	30~35	95°C	30 sec
			55~68°C ²	60 sec
			72°C	1 min/kb
	4	1	72°C	5~10 min

1. 48 55