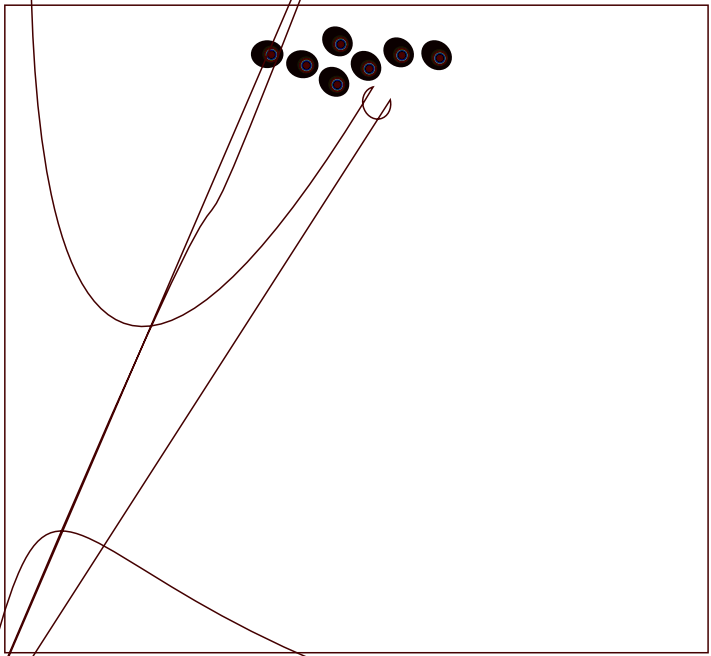
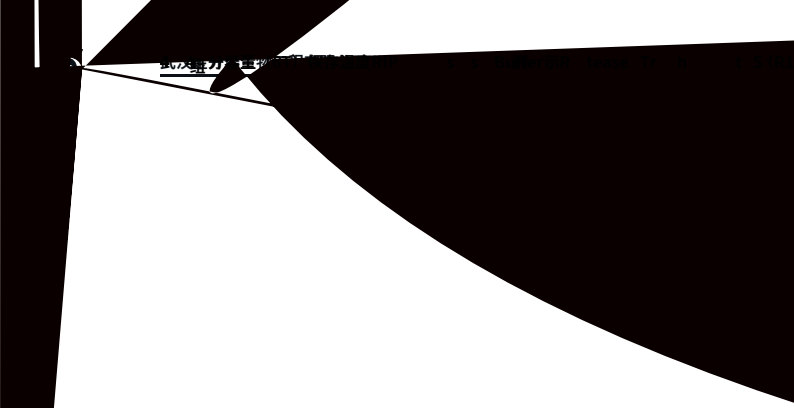
1. 实验原理



1.1 h 8 ḍ ḳ ḧ h



4.3

IP 3-5ug IgG 3-5ug IgG
2h
1min
300μL RIP Wash Buffer 5 1min
3

4.4 RNA

1.8mL RIP Buffer 1720μL RIP Wash Buffer+70μL 0.5 M EDTA+10μL RNase Inhibitor
4.3 IgG IP 900μL RIP Buffer 150μL 4.1 Lysis 4
1min
300μL RIP Wash Buffer 5
1min 5
300μL RIP Wash Buffer 5 100μL
4 1min
100μL Elution Buffer 10min 1min
10μL 6X Loading buffer WB RNA

组别	RIP Wash Buffer	命名	体积	用途
IgG	300μL	IgG-	100μL	WB
		IgG-	200μL	RNA
IP	300μL	IP-	100μL	WB
		IP-	200μL	RNA

4.5 RNA

4.1 input IgG- IP- 500μL Trizol 5min 100μL 4 14,000rpm 10min 300μL

50μL Salt Solution 550μL -80 2-4h 4

4 14,000rpm 10min

500μL 75% 4 14000rpm 10min 3

10-20μL DEPC H2O RNA -80

5. 常见问题

Q1:如何判断RIP实验成功?

RIP WB IP input RIP

Q2:IP和IgG样本Ct值没有差异

:1. RNA 2.IgG
RNA

Q3:溶解曲线异常

Q4:拉下样本RNA浓度过低

1. 2.

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