

20200113RPF实验记录

样品信息

NUM	SAMPLE		index		index
1	CHO-1(From Zeng lab)	1-T	21	1-R	29
2	CHO-2(From Zeng lab)	2-T	22	2-R	30
3	Delta-B(From wangtao)	3-T	23	3-R	31
4	WT(From wangtao)	4-T	24	4-R	32
5	Col-O(DMSO)	5-T	25	5-R	33
6	Col-O(SL)	6-T	26	6-R	34
7	d14(DMSO)	7-T	27	7-R	35
8	d14(SL)	8-T	28	8-R	36

ribocop

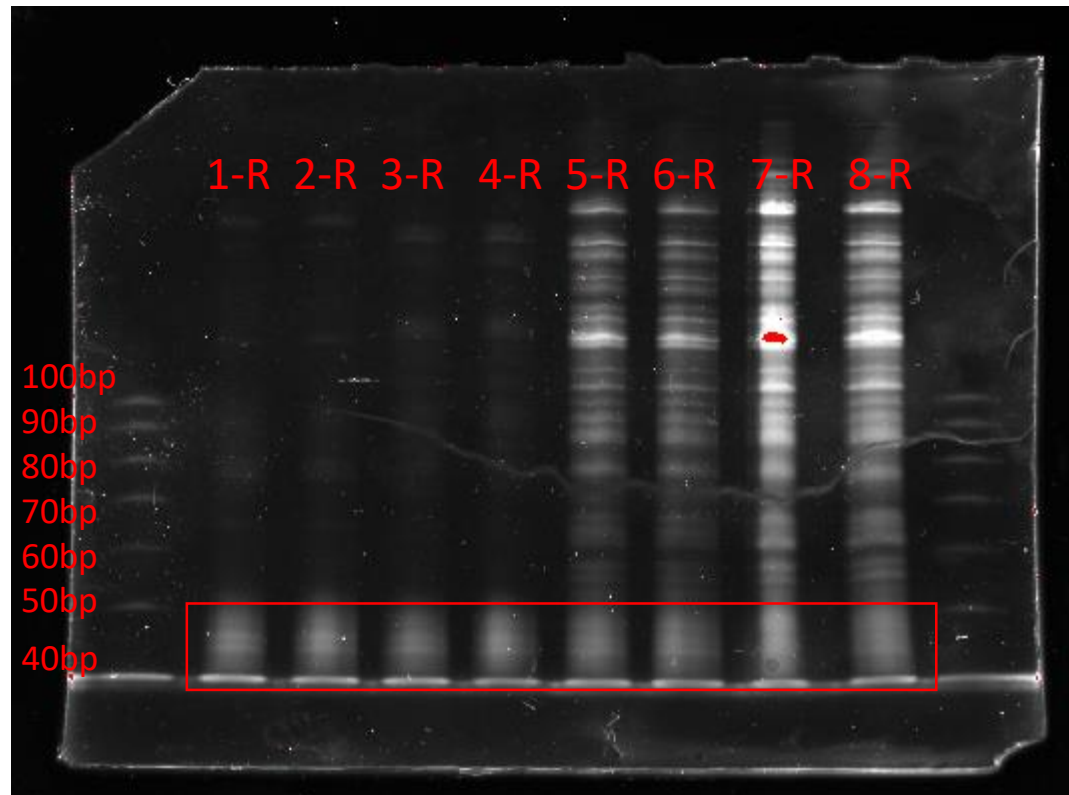
Rnase1 用量

NUM	A260	1/10 Lysisbuffer A260	v	U	V(Rnase1)
1-R	3.945	0.5	0.13	58.5	2.6199225
2-R	3.753	0.5	0.13	58.5	2.4739065
3-R	5.318	0.5	0.13	58.5	3.664089
4-R	4.646	0.5	0.13	58.5	3.153033
5-R	3.418	0.5	0.13	58.5	2.219139
6-R	3.279	0.5	0.13	58.5	2.1134295
7-R	3.871	0.5	0.13	58.5	2.5636455
8-R	4.498	0.5	0.13	58.5	3.040479

ribocop				
num	C(ng/ul)	V (ul)	input (ng)	after C
1-T	648.7	1.5	1000	26.8
2-T	424.4	2.4	1000	29.6
3-T	905.1	1.1	1000	38.6
4-T	857.9	1.2	1000	41.3
5-T	219	4.5	1000	54.3
6-T	126.5	7.9	1000	55.5
7-T	574.5	1.7	1000	60.6
8-T	347.1	2.9	1000	63.8
1-R	23.3	~15	all in	19.1
2-R	18.9	~15	all in	11.8
3-R	15.6	~15	all in	19.2
4-R	25.3	~15	all in	11.2
5-R	30.8	~15	all in	26.1
6-R	30.1	~15	all in	26.9
7-R	61	~15	all in	42.3
8-R	45.7	~15	all in	34.4

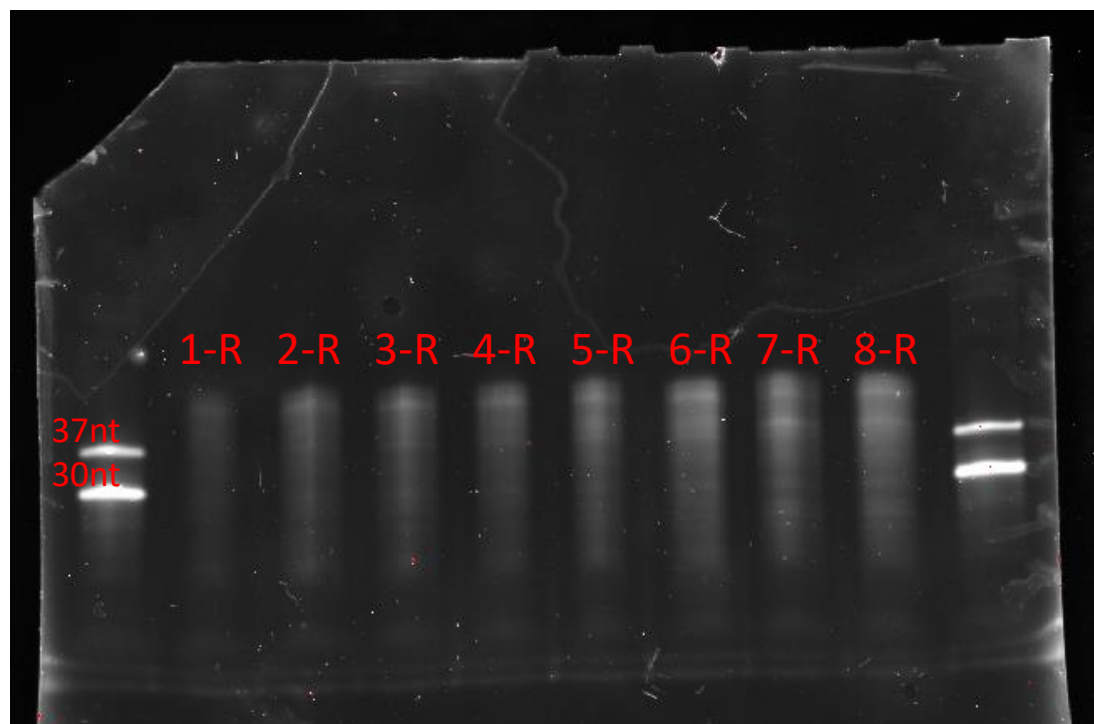
15%胶图 (RPF)

初始15%胶浓度不对，切胶50bp以下全部片段回收

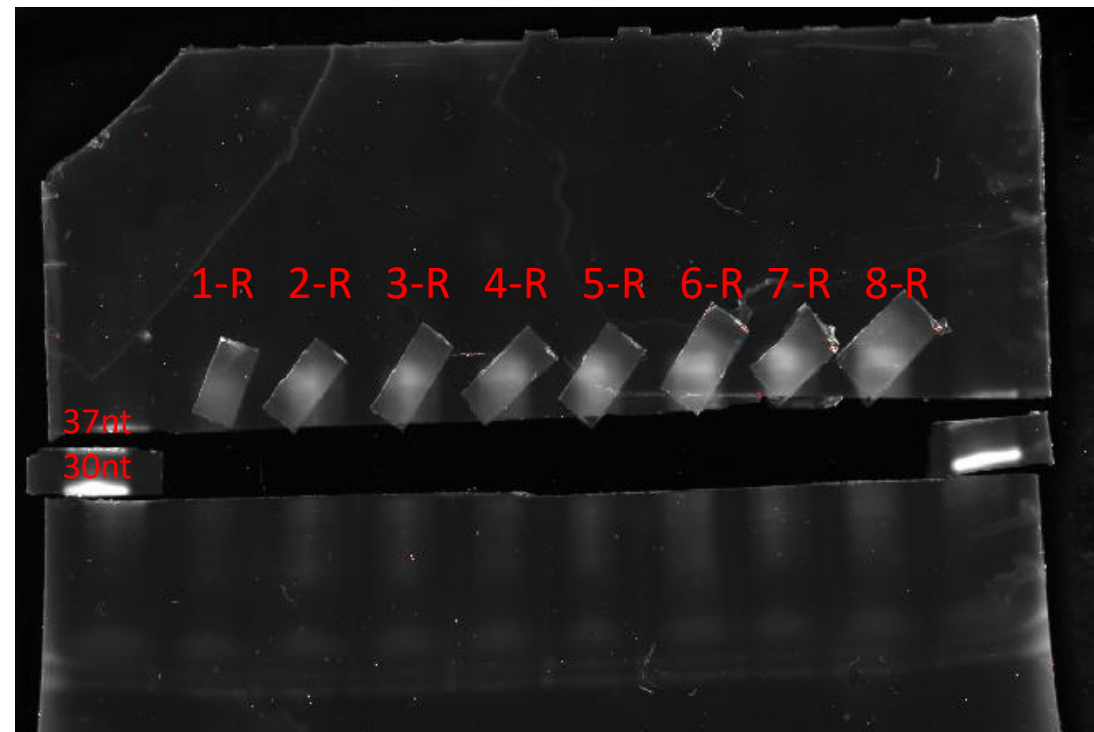


15%胶图

RPF

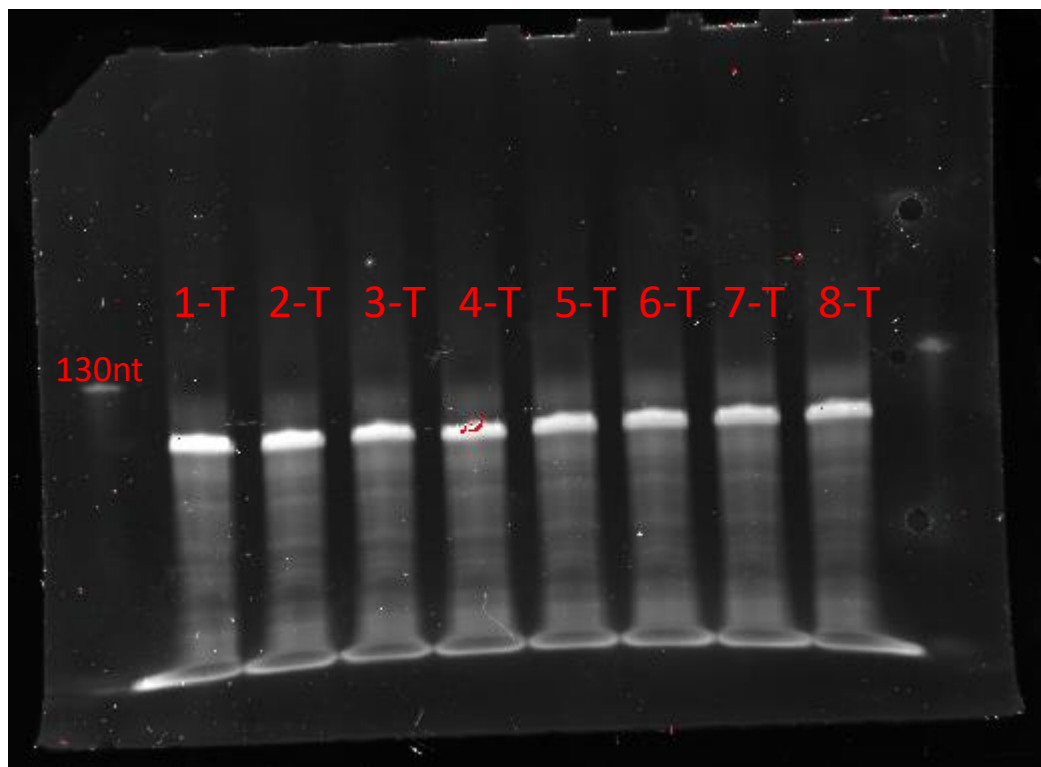


RPF-CUT

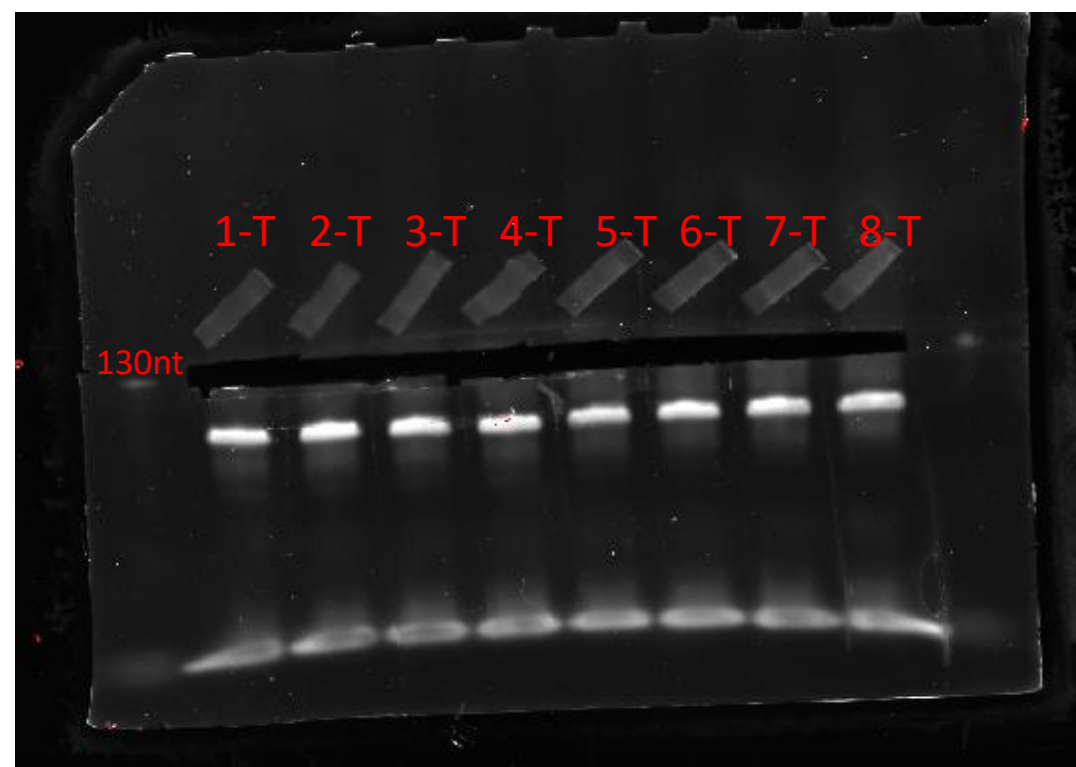


8%胶图

Total cDNA

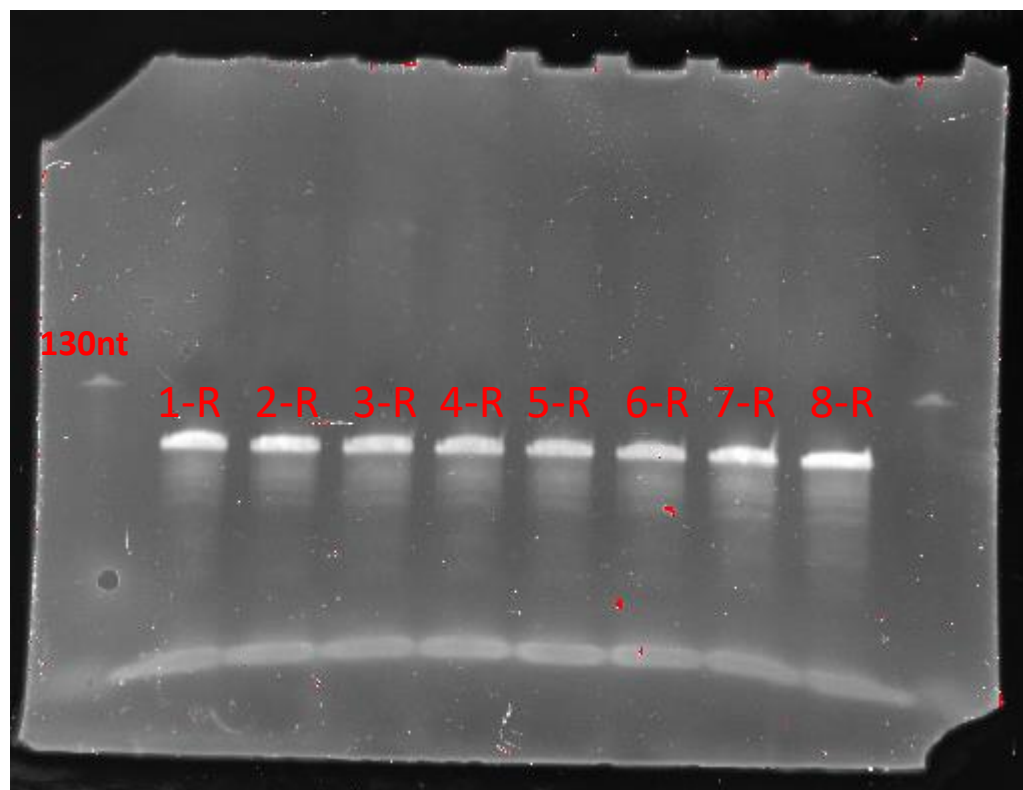


Total cDNA-CUT

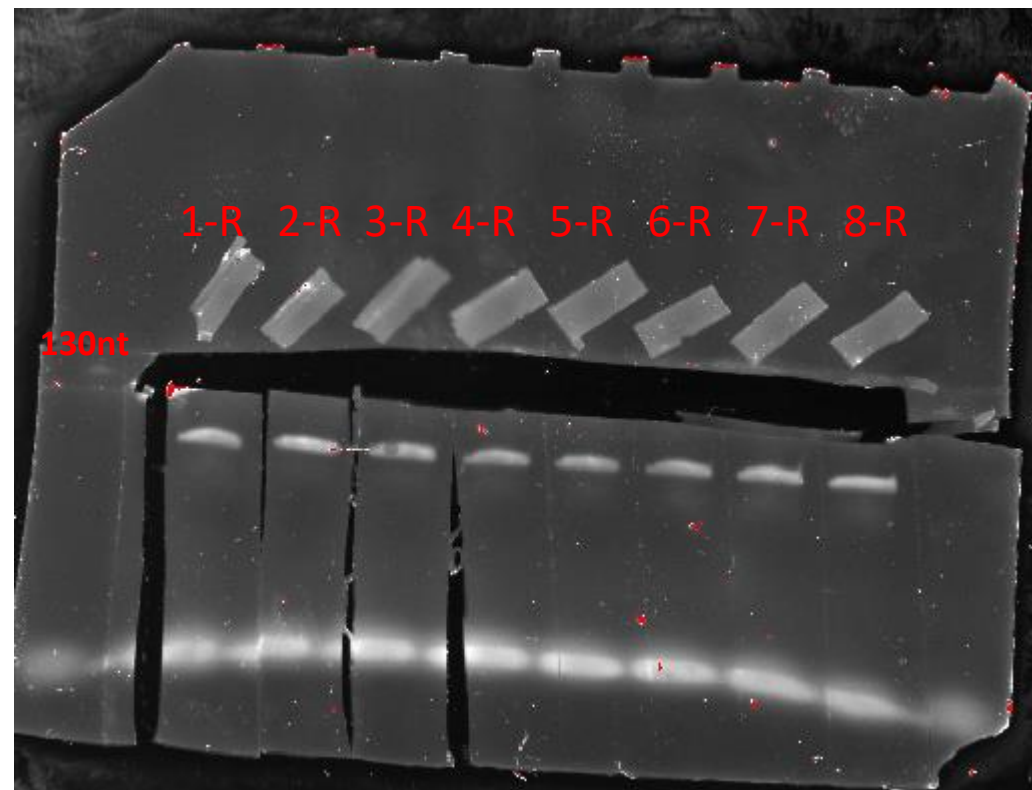


8%胶图

RPF cDNA

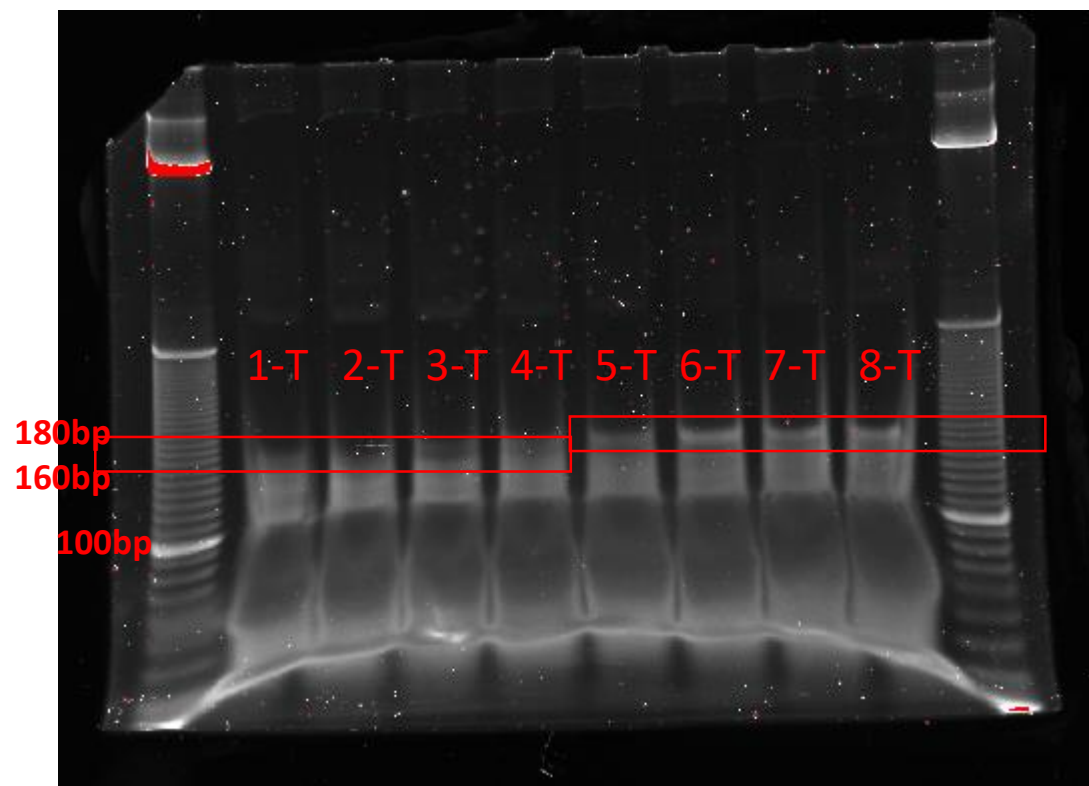


RPF cDNA-CUT



6%胶图

Total PCR

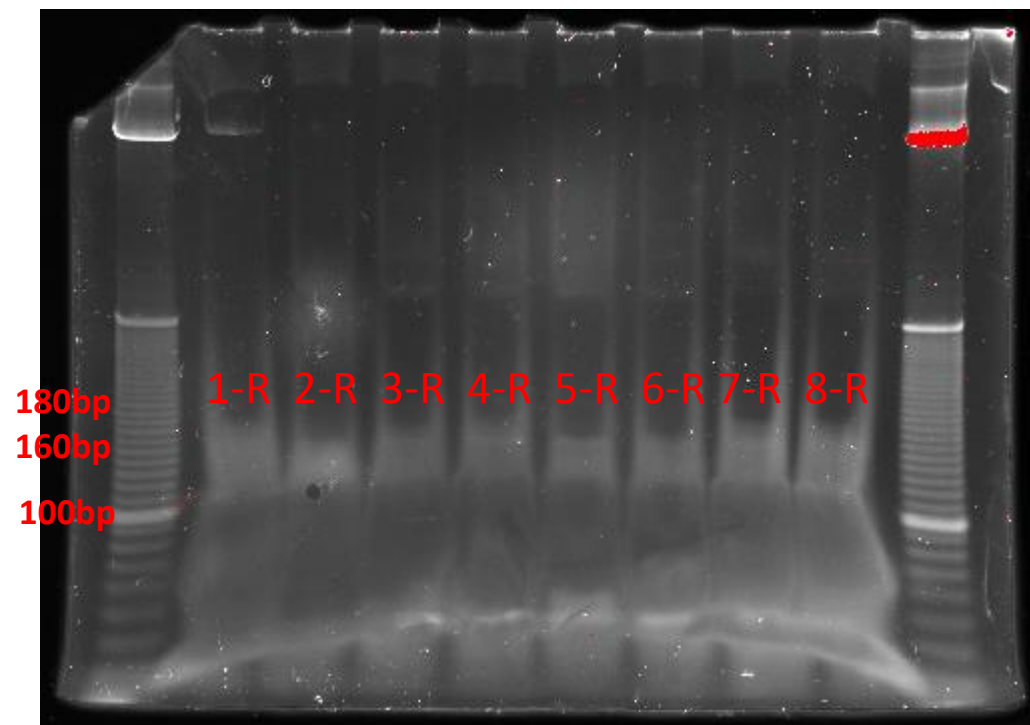


Total PCR-CUT

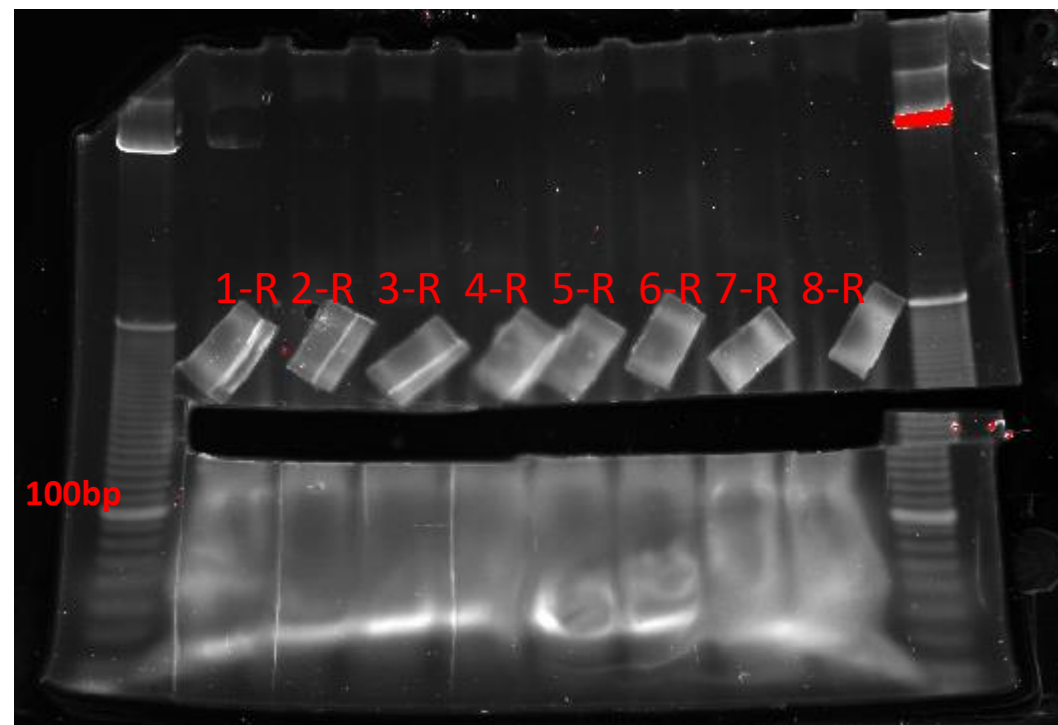


6%胶图

RPF PCR



RPF PCR-CUT



优化PCR体系

	原体系50ul	优化后50ul	优化后20ul
模板	5	2.5	1
FWD PRIMER	2	2	0.8
INDEX PRIMER	2	2	0.8
NF water	16	18.5	7.4
Phision HIFI MMIX	25	25	10
Cycle	11	9	9