Rous Lunch 5/11

(1) Appetizer – 3'5' ——— 3'5'

Pete's Bam/RI expt. (ASV 76) ← film [illegible]

NB – can blot small pieces + reanneal.

Ancillary findings –

– 300 piece (3'⊕) from circles. (ASV 79)

– sizing of RI frags in PAGE (PAGE #2)

(2) Soup – Mark's Cells –

Objections – Chromosomal loc. of exog. p.v.

Reclaiming expts

? source of sarc.

?? Test of td generation/restrict. of integ. of ASV p.v.

Data – infection Ineff.

Cells resist. to B (also D+E)

Lines established c̄ ts 6s

Marks Blot #1 + #2 : RI → ASV (also SR-A)

Km → no pref. sites

Clones pending

Entree – Myotubes

Rationale: Is allocyclic (S phase) required for
vDNA synthesis?
integration?
gene expression?

Describe system: prep of myotubes
problems: # of cells.
Contam ≈ fibroblasts
{Ara C doesn't affect
{Reconstruction

Assays

Results: Myo/Fibro

		Per Plate	Per Cell (*)	Reconst.
	~~vDNA:~~	~~[illegible]~~	~~[illegible]~~	% Myo dependent
Blot HS	vDNA:	.1–.2 Myo 6A	~1	Show Myoblot 10'
HP → HMW Sucrose → Gel ± RI	Integ:	~.1–.2 Myo 6D	~1	Prob. % Myodep. Myo 10D
Crt curves (or Vots)	RNA:	.02–0.2 [Sizing – ? ↓ 28S + 21S]	~.2–.5	? [~~[illegible]~~]
^{35}S meth.	Protein:	[Myo: p76 + 180 > gp > src. Fibro: gp > p76 + 180]		p76 % Myodep.
	Virus Prod: FFU	~.02	~0.2	
	Particles p27	~.02	~0.2	
	^{3}H Urid	<0.02	<0.2	

* ↑vDNA ≈ ↑ fibros

Can integrations occur in unreplicated DNA?

(a) Reconstruction argues for myotubes

(b) ? do BU expt

- Strategy

- ? can blotting succeed c̄ BU-DNA -

? 2-3x ↓

MSB-1 DNA { 14C Myo / 14C BU

VDNA ≠ BU

- Try expt c̄ Myotubes infected 48 HRS + BU.

Unit - OD

Annealing - ? slow uptake of BU

x RI - Annealing.

- Repeats pending