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UC/II

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Ancient problems.

Do you recall pan-1 / pan-1<sup>m</sup>  
heterokaryons and nuclear competition  
(1960) — like  $lee^{-}/lee^{+}$   
(Ryout + Lederberg 1946). ?

Have you published further on  
this effect since 1960?

Do you know of any other light  
on the theme?

Sincerely,

Joshua Lederberg

Do you think the old "cytoplasmic  
adaptation" might have been  
(t:RNA) suppressors that became lethal  
above a certain nuclear proportion?  
Hence do not survive cloning.