

".,.,ii .i,"a\*,11 1{+a\*r 6^ a-\*:-^ J;.-Ldi^ .3 a+= o-\_r\_jJl t )trl1 oLCl \_rA Lt\*lt cls c\* :+\*f rsjl a.-",iYl a-  
 l\_,rj Cr .+ LiljJl c.rt-Lt - ll ";.+ .rJc , -irJ\*iill ,,,t1 ..{ / ( t !:u't r ,1 : Primary culture qlsyr t:l;^ll \* 4 - f, / ""-i lAJusl  
 J e\*-Jl er" !)|-i.ll J.-s +J-s ,rS \*Jl +l':jl o].!1 Primary cul{u1s G-r,i .: +l uE ,rk ) \*il L \ii",Jl 4JsL\*11 a=.l ,Jl  
 Js +Ul l).=il , -?i:: el Jl a-i)\* ai+ .jr15 ,",-r'-l l+),tJl 9l .,-:43 cOnfluent stage c .-,?! L Jl J.: !)\ilt Jd .1l gl  
 ,(g-p::l t-!!tl d subculture l+)iAll Li : rJ.-A;:cl cll. cell passage .r 1\*"Jl .)A .,lc ?.IL .J lli JIJ,"i\*Yl ,1- "S;:l  
 i+.:+ & \_rjAl-Jl .,J- \*-;L : Cell tine r+)till.Li \*,t,3/ cell line !)|i li .+ primary culture ql-,Yl t-ll:Jl ,.-,,: ,11):JJ  
 subculture ql^c J3t :-r finite Err- r EL>>' i;;r rili U-:Yl t-ll:Jl .l d aiii.j: ^il \$Jlllt= .:,i .subclone i+rj il+.,i \_rl r JAil  
 \*J' +J1Jt oJi.ill oi: !}AJl g+.-j passage !)|iJt J"-i Ajl^C JIJ,^:-L . iife span L^1Jl l r)-ill c.o5+i ,P ao'r^ !-Bl^  
 cJA"- , jlr.-r jJJA li j^r 4iE e:-ir 1". ;sl-...Jl r\* al.,aty1 . cell population A \: Cell strain L.JEi a?\* \* 3 -- C"  
 .c>l o+-rh ,i ;t.,i.,')l a1"-1:>> crl \*J= !A 4r jr ;\* la)i . 'Liul .;^ 3,HI +9lJlJ.=lf 3o ,i ;:=1, {iJ"S ,a: ;i tpti)t "l+l  
 uS"\*J !}All "iA .5-a Jelu {!" .:l \_.;^^ \_ , i:i.i.o ,ti .+ t\* \_r \*!il\*.S 1\*)lill (?tS ljt Homogeneous population L-  
 ,iEJ!