!"#$%&'()'*+%,$+-.%/'$%0'$.%-+1#$+2%#,%3456367%

!"#$%&'()#*++,-.)/#.01)!.2234)$-*+5,6*5.7)

!"#$%&'()*+,%#$%+(-)#,#(-./%.&&'(0./1%2/3.$3%'3.)%,"3%#-$,'*+,#(-$%+.'34*//5%.-)%*$3%%
-)3'%,"3%6#).-+3%(4%.%&"5$#+#.-%

%

【　　】

!"##"$%&'#()%新型冠状病毒灭活疫　（*(+"细胞）%

,+'-(%&'#()%!.*/0.%

1$23456%&'#()%!.*/789:%*';;4$(%<*(+"%!(33=>%/$';?4@'?(-%

!64$(5(%A6"$(?4;%B3C6'D(?)%E4$F4$2%GH'$I6H'$2%J4$2-H%K4(6H"L4#4'"%<*(+"%E4D'"=%

%

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,6(%!.*/789:%*';;4$(%<*(+"%!(33=>%/$';?4@'?(-%45%#'-(%M+"#%?6(%NBON8!"*8P>%
9:$!"*8!7!8,'$8QJRP%5?+'4$%S64;6%45%4$";H3'?(-%"$%?6(%*(+"%;(335%M"+%;H3?H+4$2>%
6'+@(5?4$2>%T8C+"C4"3';?"$(84$';?4@'?4"$>%;"$;($?+'?4"$%'$-%CH+4M4;'?4"$>%?6($%M"33"S(-%
DL%'-5"+C?4"$%S4?6%'3H#4$4H#%6L-+"F4-(%'-UH@'$?%?"%M"+#%?6(%34VH4-%@';;4$(W%,6(%
@';;4$(%45%M+((%"M%'$?4D4"?4;5%'$-%C+(5(+@'?4@(5W%
B;?4@(%!"#C"54?4"$)%NBON8!"*8P>%9:$!"*8!7!8,'$8QJRP%5?+'4$%<4$';?4@'?(-=%
B-UH@'$?)%B3H#4$4H#%6L-+"F4-(%%
1F;4C4($?5)%745"-4H#%6L-+"2($%C6"5C6'?(>%N"-4H#%;63"+4-(>%N"-4H#%-46L-+"2($%
C6"5C6'?(%

%

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,6(%C+"-H;?%45%'%5(#48?+'$5C'+($?%5H5C($54"$%S4?6%5342 6?%S64?(%;"3"+>%S64;6%;"H3-%D(%

@';;4$'?4"$%'$-%?6(%5(;"$-%4$?(+4#%-'?'%4$%'CC+"F4#'?(3L%_R>RRR%6('3?6L%'-H3?5%'2(-%
9Y%L('+5%'$-%"3-(+%4$%`B1W%
%
【 】
1';6%$"$8'H?"%-45'D3(%C+(8M433(-%5L+4$2(^@4'3%;"$?'4$5%RWZ#0%"M%C+"-H;?%M"+%(';6%
'-#4$45?+'?4"$>%(';6%-"5(%;"$?'4$5%_W:89RWa%H$4?5%"M%4$';?4@'?(-%NBON8!"*8P%'$?42($%
'$-%RW_8RW\%#2^#0%'3H#4$4H#%6L-+"F4-(%'-UH@'$?W%
%
【 】
,S"%-"5(%+(24#($%'?%'$%4$?(+@'3%"M%P9bPY%-'L5>%(';6%-"5(%45%RWZ#0W%
,6(%+(;"##($-(-%'-#4$45?+'?4"$%45%?6+"H26%4$?+'#H5;H3'+%+"H?(>%?6(%4$U(;?4"$%4$?"%'%
#H5;3(%S433%D(%C+(M(+'D3L%C(+M"+#(-%4$%?6(%HCC(+%C'+?%"M%?6(%'+#W%
,6(%$((-%M"+%D""5?(+%4##H$4I'?4"$%S4?6%?645%C+"-H;?%6'5%$"?%D(($%-(?(+#4$(-W%
%
【 】
,6(%5'M(?L%"M%?645%C+"-H;?%45%(@'3H'?(-%?6+"H26%?6(%!64$'%'$-%4$?(+$'?4"$'3%;34$4;'3%?+4'35W%
,6(%!64$'%A6'5(%c^d%;34$4;'3%?+4'35%'+(%+'$-"#4I(->%-"HD3(8D34$-(-%'$-%C3';(D"%C'+'33(3%
;"$?+"33(-%?"%C+(34#4$'+43L%(@'3H'?(%?6(%5'M(?L%'$-%4##H$"2($4;4?L%"M%?645%C+"-H;?%M"+%
'-H3?5%9Y%L('+5%'$-%"3-(+W%,6(%4$?(+$'?4"$'3%A6'5(%[%;34$4;'3%?+4'3%45%'$%4$?(+$'?4"$'3%
#H3?48;($?(+>%+'$-"#4I(->%-"HD3(8D34$-(->%C3';(D"%C'+'33(3%;"$?+"33(-%?"%(@'3H'?(%?6(%
C+"?(;?4@(%(MM4;';L>%5'M(?L%'$-%4##H$"2($4;4?L%"M%?645%C+"-H;?W%/$@(5?42'?"+5%';?4@(3L%
M"33"S%HC%?6(%5'M(?L%-'?'%"M%RbP9^PY%-'L5%'M?(+%('';6%@';;4$'?4"$%?"%"D5(+@(%?6(%
";;H++($;(%"M%'-@(+5(%(@($?5>%'$-%C'L%'??($?4"$%?"%?6(%5(+4"H5%'-@(+5(%(@($?5%";;H++(-%
S4?64$%9P%#"$?65%'M?(+%MH338;"H+5(%@';;4$'?4"$%'?%?6(%5'#(%?4#(W%%
%
,6(%4$;4-($;(%M"+%B-@(+5(%O(';?4"$5%<BO5=%<!/.KN%+(;"##($-'?4"$=%;'$%D(%
C+(5($?(-%'5)%*(+L%;"##"$%<e9R]=>%;"##"$%<989R]>%4$;3H-4$2%9]=>%H$;"##"$%<RW98
9]>%4$;3H-4$2%RW9]=>%+'+(%<RWR98RW9]>%4$;3H-4$2%RWR9]=>%@(+L%+'+(%<fRWR9]=W%
NH##'+4I(%?6(%5'M(?L%-'?'%"M%?645%C+"-H;?%4$%?6(%A6'5(%c^d%'$-%A6'5(%[%;34$4;'3%?+4'35)%%
%

*(+L%;"##"$)%A'4$g%
`$;"##"$)%O(-$(55>%5S(334$2>%4$-H+'?4"$>%+'56>%C+H+4?H5g%
O'+()%1+L?6(#'%
%

*(+L%;"##"$)%Q('-';6(%
!"##"$)%h(@(+>%M'?42H(>%#L'324'>%'+?6+'324'>%;"H26>%-L5C$('>%$'H5('>%-4'++6('>%C+H+4?H5g%
`$;"##"$)%74II4$(55>%'$"+(F4'>%@"#4?4$2>%"+"C6'+L$2('3%C'4$>%-L5C6'24'>%+H$$4$2%
$"5(>%;"$5?4C'?4"$>%6LC(+5($54?4@4?Lg%
O'+()%B;H?(%'33(+24;%+(';?4"$>%3(?6'+2L>%-+"S54$(55>%-4MM4;H3?L%M'334$2%'53((C>%5$((I4$2>%
$'5"C6'+L$24?45>%$'5'3%;"$2(5?4"$>%-+L%?6+"'?>%4$M3H($I'>%6LC"(5?6(54'>%34#D%C'4$>%
C'3C4?'?4"$5>%'D-"#4$'3%C'4$>%+'56>%'D$"+#'3%5X4$%#H;"5'>%';$(>%"C6?6'3#"-L$4'>%('+%

-45;"#M"+?>%3L#C6'-($"C'?6Lg%
*(+L%+'+()%!643354>%?'5?(%-L5MH$;?4"$>%3"55%"M%?'5?(>%C'+(5?6(54'>%?+(#"+>%'??($?4"$%-45"+-(+>%
(C45?'F45>%'5?6#'>%?6+"'?%4++4?'?4"$>%?"$54334?45>%C6L54;'3%-45;"#M"+?>%$(;X%C'4$>%U'S%C'4$>%
$(;X%3H#C>%#"H?6%H3;(+5>%?""?6';6(>%(5"C6'2H5%-45"+-(+5>%2'5?+4?45>%M(;'3%-45;"3"+'?4"$>%

aW /$?+'@'5;H3'+%4$U(;?4"$%45%5?+4;?3L%C+"64D4?(-W%,6(+(%45%$"%5'M(?L%'$-%(MM4;';L%-'?'%"M%
?6(%@';;4$(%?6+"H26%5HD;H?'$("H5%'$-%4$?+'-(+#'3%4$U(;?4"$W%
ZW 7+H25%'$-%(VH4C#($?%5H;6%'5%(C4$(C6+4$(%56"H3-%D(%'@'43'D3(%M"+%(#(+2($;L%
?+('?#($?%4$%?6(%(@($?%"M%'$%";;'54"$'3%5(@(+(%'33(+24;%+(';?4

%

,6(%*';;4$(%*4'3%K"$4?"+5%<**K=%'+(%"$%?6(%3'D(3%"M%J(4U4$2%/$5?4?H?(%"M%J4"3"24;'3%

A+"-H;?5%!"W>%0?-W%,6(%;"3"H+%-"?%S64;6%'CC('+5%"$%?6(%3'D(3%"M%?6(%@4'3%45%'%**KW%,645%

45%'%?4#(8?(#C(+'?H+(%5($5?4@(%-"?%?6'?%C+"@4-(5%'$%4$-4;'?4"$%"M%?6(%;H#H3'?4@(%6('?%?"%

S64;6%?6(%@4'3%6'5%D((($%(FC"5(-W%/?%S'+$5%?6(%($-%H5(+%S6($%(FC"5H+(%?"%6('?%45%34X(3L%