

Š > œ • ž Ÿ – ‘ | ‘ † € α ≠ | !

§ ©

[ a « -' ]

- f „ ...®' ° ±² • ³ ´ , ³ • μ ¶ · μ ¸ · ¹ º » ¼ ½¾¿ À · ¼½ÁÂÃÄÅ ÆÇÈ ' " ÀœÉ Ç  
PÊ ´ È

[ f „ ...] [ ]

f „ Í Î	Ð ´	f „ Í Î	Ð ´
96ÑÒÓÔÕÖ×	1	96ÑÒØÙ	4
ÚÛÜ	2	ÚÛÜÝÞÀ	1B 20mL
† à	1	á â ã ä Å	1B 20mL
• , å Ä	1B 120æL	• , Ý Þ À	1B 12mL
• , å Ä BÓPE-SA×	1B 120æL	• , Ý Þ À B	1B 12mL
ç À	1B 10mL	è é ê Æ Ó 30B x	1B 20mL
_ ' _ ~™	1		

[ è ì í î ï ï ð f „ ]

1. Lumi nex MAGPIXñ Lumi nex 100ò Lumi nex 200ò Ä Bio-Radñ, Bio-Pl exñá ä ó Ó ô õ ö – ‘ ÷ ø ÷ª ù , ú û ü ï • ý þ Û ×
2. Š ý Ä ý ^ ´ Ä ö ð
3. Ý Þ Ü î EP .
4. Ä Œ
5. †
6. é À î í ö
7. 0.01mol /LÓÄ 1B x ä ä (PBS) pH=7.0-7.2
8. ö
9. Ú Ò ö

[ f „ ...î ð « ]

1.  $\hat{f}_n \dots$   $f_n$  !  $f_n$  "  $\acute{U}\#\grave{A}$  \$%  $\grave{E}\&'$  ( ) \*  $f_n \dots + \&, - . \acute{U}\acute{U}\acute{U} \cdot \cdot , \grave{a}\grave{A}\grave{A}$   
· · ,  $\grave{a}\grave{A}\grave{B}/\grave{o}\% \grave{N}\grave{O}\%$   $\text{¢}$ -200C  $\grave{A}1f_n$  &2 $\text{¢}$ 40C%  $\acute{I}'$   $\grave{E}$   
2. -' +  $\hat{f}_n \dots$  31  $f_n$  4 $\grave{e}$ ! 5  $f_n$  "  $\acute{U}\#$  \$ $\acute{I}$  67%  $\grave{E}$   
' ( "  
 $f_n \dots$   $\acute{U}89: ;$  !  $\leq \grave{e} > 9\acute{a}$  ? -' @ -' +  $\hat{I}$  31  $f_n \dots \grave{o}\grave{o}\grave{A}\grave{B}?$   $\leq + 1\text{CD}\grave{I}$  -'  $\text{E}\text{F}\text{E}\text{G}$   
 $\acute{U}\text{H}\text{K}\text{I}\text{J}/\dots \text{E}\grave{A}\hat{I}$   $\acute{U}\#\text{K}\acute{U}$  %L $\ll$   $\acute{I}$   $\acute{a}\text{M}\text{N}\%\text{O}\text{P}^3\hat{I}$   $\grave{E}$

[  $\acute{U}$ - $\hat{I}$  QRS% ]

$\mu\eta$ " . ) R $\text{¢}$  $\mu\eta\acute{a}$   $\acute{E}\hat{I}$  T $\mu\acute{U}$ - AU6 22VI  $\grave{A}4\text{OCHW}$  X+1,000 $\text{B}g$   $\grave{Z}$ 20 $\acute{a}Y$  Z $\grave{A}\eta$ [ 9  
·  $\grave{A}\eta$ 2 $\text{¢}$ -200C $\grave{A}$ -800C%  $\backslash$ ]  $\wedge$  $\_$  $\`$  a $\grave{E}$   
 $\mu_s$  " ' EDTA $\grave{A}\text{b}\text{c}\text{d}\text{K}\text{e}\text{f}_n$  QR $\acute{U}$ -  $\acute{u}$ .  $\acute{U}$ - AQR+ $\hat{I}$  30 $\acute{a}Y\grave{I}$   $\text{¢}$ 2-80C 1,000 $\text{B}g$   $\grave{Z}$ 15 $\acute{a}Y$  Z $\grave{A}\eta$   
[ 9· ,  $\grave{A}$ .  $\grave{A}\eta$ 2 $\text{¢}$ -200C $\grave{A}$ -800C%  $\backslash$ ]  $\wedge$  $\_$  $\`$  a $\grave{E}$   
 $1^\circ$  »  $\grave{u}$  "  $\grave{I}$   $\text{g}\text{h}\text{i}$   $\hat{I}$   $1^\circ$   $^2\acute{I}$  »  $\grave{u}$   $\hat{I}$   $\cdot$  k  $\grave{I}$  g  
1xZ·  $\acute{I}$   $1^\circ$  | A $^a$  mPBS $\acute{O}$ 0.01mol/L pH=7.0-7.2x $\acute{E}\eta$  $\acute{e}$  n $\mu\grave{A}$  »  $\grave{u}$   $\div$  o $\acute{I}$  p $\acute{E}$   
2x.  $1^\circ$  qrVI »  $\hat{I}$  s 2At $\grave{A}\hat{I}$  u vw $^3\grave{u}$   $\grave{a}\grave{a}\grave{A}$ (xyIS007 -z { |  $\acute{U}$ }  $\acute{O}\hat{I}$   $\sim$   $\frac{1}{4}\frac{1}{2}^3 \cdot \text{€}$   
·  $\grave{I}$   $\text{g}\text{h}\text{i}$   $\hat{I}$   $\grave{a}\grave{a}\grave{A}$ ) $\hat{I}$  ,  $f$  L $\acute{o}\acute{E}\acute{O}$  $\hat{V}\hat{I}$   $1^\circ$  " ...  $\dagger \ddagger \times \acute{E}\acute{O}\text{L}$   $\acute{c}$   $\text{œ}^\wedge$  % $\text{=}$ 1:20-1:50  $\acute{S}\dagger$  " 1mL $^3\grave{u}$   $\grave{a}$   
 $\grave{a}\grave{A}\acute{E}$   $\ll$  s 20-50mg $1^\circ$  -  $\acute{E}$ x  
3x.  $\text{E}^*\hat{I}$  ·  $\grave{Z}\grave{A}$ · H· ' ' " " ·  $\eta$  $\acute{E}$   
4x.  $^2\acute{I}$   $\acute{u}\hat{I}$  »  $\grave{u}$   $\grave{A}$ 10,000 $\text{B}g$   $\grave{Z}$ 5 $\acute{a}Y$  - -  $\sim$   $\grave{A}\eta$ [ 9'  $\text{¢}$ · ,  $\grave{A}$ 2 $\text{¢}$ -200C $^{\text{TM}}$ %  $\acute{E}$   
 $\frac{1}{4}\frac{1}{2}^3\grave{u}$   $\grave{A}$ " A $\acute{a}\hat{a}f=\acute{s}$   $\div$   $\frac{1}{4}\frac{1}{2}\grave{e}$  > ' / $^{\text{TM}}\text{j}$  · ' " "  
1x $\text{œ}$ ·  $\frac{1}{4}\frac{1}{2}$ - $\acute{z}$ ' mPBS $\acute{Y}\acute{Y}\eta$  $\acute{e}$  X+' }  $\acute{O}$   $\grave{I}$   $\text{¢}$   $\text{¢}$ 1,000 $\text{B}g$   $\grave{Z}$ 5 $\acute{a}Y$ +) R $\acute{E}\acute{O}$ ·  $\text{€}$  $\frac{1}{4}\frac{1}{2}9\alpha$   
H  $\acute{Z}\text{¥}$ | ) R $\times$  $\acute{E}$   
2x. ) R\* $\hat{I}$   $\frac{1}{4}\frac{1}{2}$ ' mPBS $\acute{e}$ 3?@  
3x.  $\frac{1}{4}\frac{1}{2}$ ' vw $^3\grave{u}$   $\grave{a}\grave{a}\grave{A}$ p· " §7K107C $\frac{1}{4}\frac{1}{2}$ '/'' ©  $\dagger^a$   $\acute{e}$ ...  $\frac{1}{4}\frac{1}{2}9/$  «  $\neg$ · ' - ' " "  $\grave{a}\grave{A}$ ·  $\eta$  $\acute{E}$   
4x.  $\acute{U}$ -  $\text{¢}$ 2-80C 1,500 $\text{B}g$   $\grave{Z}$ 10 $\acute{a}Y$  - -  $\sim$   $\grave{A}\eta$ [ 9'  $\text{¢}$ · ,  $\grave{A}$ 2 $\text{¢}$ -200C $^{\text{TM}}$ %  $\acute{E}$   
 $\frac{1}{4}\frac{1}{2}\grave{A}\grave{A}\grave{A}\eta$   $\grave{A}\grave{A}\acute{E}$ ' "  $\acute{U}$ - " &1,000 $\text{B}g$   $\grave{Z}$ 20 $\acute{a}Y$  Z $\grave{A}\eta$ [ 9· ,  $\grave{A}$ .  $\grave{A}\eta$ 2 $\text{¢}$ -200C $\grave{A}$ -800C%  
 $\backslash$ ]  $\wedge$  $\_$  $\`$  a $\grave{E}$   
' ( "  
1. / $\grave{A}\acute{U}$ -  $\acute{e}\text{§}$  % 40C% V $\text{¢}$ 1 $\text{®}$  -200C $\grave{I}$  · H1CD -800C $\grave{I}$  · H2CDE  
2.  $\acute{U}$ -  $\neg$   $^\circ$   $\acute{a}\mu\text{k}\pm^2^3$  +· ,  $\acute{c}^a$  <  $\ddagger\acute{a}\mu\acute{U}$ -  $\grave{I}$   $\mu$ «  $\neg$   $\ddagger\eta$ · ,  $\acute{E}$   
3.  $\acute{U}$ - -'  $\div$   $\neg\grave{a}$ ·  $\grave{u}$ " U6  $\grave{I}$   $\neg$  <  $\grave{u}$ - $\acute{s}\grave{a}\grave{z}$   $\acute{E}$   
4.  $1^\circ$   $\text{¢}$  $^\circ$   $\acute{c}$ · ,  $\text{D}\{$  »  $\frac{1}{4}\frac{1}{2}^3\grave{u}$ - $\acute{I}$   $\mu\eta$  $\grave{z}$   $\grave{I}$  O $\mu_s$  dK - «  $\neg$ · ,  $\acute{E}$

[ Lumi nex200  $\acute{a}\hat{a}\acute{O}$  ]

- 1.  $\acute{a}\hat{a}\text{œ}^\wedge$  " 50uL@
- 2.  $\hat{c}$  % $\text{h}\text{i}$  "  $\dagger$  à MagPlex;
- 3.  $\grave{A}\dagger$  à  $\acute{c}$  " 50 $\grave{A}/\grave{A}$ ;
- 4. MFI $\grave{A}$ " Medi an.

[  $f_n$   $\acute{U}\acute{I}$  ]

1. -'  $\div$ .  $\hat{I}$   $f_n$   $\acute{y}\acute{U}$ -  $\grave{a}$ ·  $\grave{u}$ " U6 $\acute{O}$ 18-250C $\times$   $\dagger^a$   $\acute{z}$   $f_n \dots \grave{A}$ "  $\grave{A}\text{I}\text{J}\grave{I}$   $\grave{I}$   $\grave{A}$ - $\acute{I}$  & $\acute{s}\text{Z}$  -  
?  $f = \acute{e}\hat{I}$   $\acute{U}8\acute{y}f_n$   $\acute{u}$ . 31 $\hat{I}$   $\acute{U}8\grave{o}f_n$  !  $\text{Æ}^3$  8 $\text{¢}$ %  $\acute{E}$

2. ÚÛÛ( ÈÛ)" É" ÚÛÛ< sÚÛÛÝÐÀ0.5mL Êü+U6Ë2° Ì10áY gi ÝÝÍ Í Ó\] Í Ð× Åè7K10000.0pg/mLÛí7CÝÐÛÛÛíEP ÉCEP É< s300ÑLí ÚÛÛÝÐÀ †Ò \$ z?Ó%ÝÐr 10000.0pg/mL, 2500.0pg/mL, 625.0pg/mL, 156.25pg/mL, 39.06pg/mL, 9.77pg/mL, 2.44pg/mL ÚÛÛÝÐÀ(0pg/mL)¥; dKÕÕÑËK%Õ<=´ª ‡ É?<=&-´vî ÚÛÛáÀË

item	1	2	3	4	5	6	7	Tube
CP	10000.0	2500.0	625.0	156.25	39.06	9.77	0	pg/mL

3. •, åAAð•, åÀB" Detection A ðDetection BA-´ ÷&´ ÖÖx™ÄØÛ Ž´ " /- ÚÛA •.Ä" Êî Àœ-^\* ÛË£´ ÷áÝ/•, ÝÐÀÄÄB 1:100ÝÐ(†" 10ÑL•, åÅA/990ÑL•, ÝÐ ÅA) ÐáB» ÝÐ÷à{ª oáâüî É?<= èî À´ ä² (100ÑL/Ñ) <äã² I ñ ä² 0.1-0.2mLË

4. èéêÀ" 580mL Ä Ç < s20mLééÀÓ30B×ÝÐ" 600mL" ådÀè7Ë´ ("

1. ÚÛÛí ÝÐ; Å¥; AðÉ« ñË

2. ÚÛÛ&ç£´ ÷15áYÌ ä² Èž ÚÛÛæÅ-´ " ?Ë

3. ÚÛÛ•, åÅAådÄ•, åÀBådÄ&-´ Ç-î ÝÐAã² ÝÐA; ÅB´ È´ ÅçÝÝèé ÐáB» \] Í ÐËK%Õ<=´ª î ÛN‡&-´ ^´ úpÛ^´ ÅöË&z{ èî ´ êNã², ´; ...-´ ^´ ä² î j• Ó† Z•, åÅAÍ " ?; ...Vç10ÑLx / \] èr è7ì í Ë

4. &î p\_-´ í• ÝÐHî ÚÛÛ•, åÅAådÄý•, åÀBådÄË

5. ééÀÓ30x×É† ´ ðã´ &o6ñ" U6 ÝÝB» " \*´ ðETå¿ò« ñã² Ë

6. f„ ...Éóáf„ K Å ööëã2rådÄ+-´ Aã2HöÉ9Å< K÷ø L´ í Å Lúú /ð<=É´ úúýø7í èr <=´ª ; ÛN p" ETÿì Ë&-´ ä2Ë

[ Ú-´" ]

1. - æ f„ ...- ; <-´ ž f„ ... èr î - ; ù &-´ -´ ÷Ðá \* - î 9Å-´ ´ª Ð î - Ë

2. <=÷-ªª, - É, " è7Ë è7; AUÛ î Ì I ´ ð N³ Å³ <=î³ ÚÝ PÓÐË†ª ÛÉ, " è7H ÄH & - ù• î ÝÐÀè Ë - ÝÐè´ PBSE

3. • - ; ÊA-™ - šÉ ôõ« ñª <==ÔÅ ‡ ú´ ( - Ë

4. -´ ç¾¿Ä² í î¹º» , Ä¼½øZÄ9Åk ç ç " Lî!s" #<=´ª \$ í Ë

5. - K¼½ÄÄÄ¶ < Kžh - È%< c& †" ¼½´ (· ¼½Ð´· Q I J) /9Å A •, ; - î \* + Ë

6. , X} ÖÄp¹ } Ö - . /ðO/p¹ } Ö 9Å< KS- GÜ -´ î•, eæð12eæ; 3ã ¿; Ö•, - Ë

7. ôõ-´ vw - % I JH49Åk< } Ö5¿Ä6‡¿" #<=´ª \$ í Ë

[ 7d89 ]

1. : ÒÌ ÉCNÉ< s200æLáããããÀ« ñª ; <ÉAÍ xÄAU6™Í Í Ò10áYËÖÈÑÌ Àœ [ 9´ ç< 7dË

2. N³ ÝÐÛÛÛ. ÖÖý Ûí ÑËÛí 6CNdKÚÛÛ=7 1CNdKÖÖËáÝ< s50ÑLÝÐí ÚÛ ÛÓ! 5f„² í 892x• ÖÖý Û\*• î ÑË ÉÑ< s10ÑL†à X+ª B>î †àËX+? [ : ÉÑÉ< s50ÑL•, f„ AËËÄËÇÄ ØËÛËA37OCî öÄ/800rpmí @7Añ60áY B K2-4mm / \] †à-5Ë

3. . Ò A† Ā† 2min n ÉÑî ÀœĒÉÑ< s200æL 1BéêÀ Ē21-2áY CÜ¶n ŃÉ3  
1î Āœ Dé3?Ē³ +''?éê+ ¨H - ÄEF n31î éêääÄĒGCHö9/ ¨H† Òì Í ¶  
éHI J -Ē7dHÖÉî %î †àĒ
4. Z™† ÉÑ< s100ÑL• , f„ BådÀ ÉĀĒĒÄ ØĒÛ AK@800rpm B2-4mmî öĀ37  
OCAñ30minĒ
5. . Ò A† Ā2min n ÉÑî ÀœĒÉÑ< s200æL 1BéêÀ Ē21-2áYĒ†893 L ĀDéé3  
?Ē
6. Z™† ÉÑ< s100ÑLçĀ 2áY -†à• Ē X+®-HöMĒĒ  
' ('
1. f„ Ūí " Ūí ''?<= ë...î Ú8 ĀÆî 9N^ ŃÒĀ:™ § ! 5-~™...>% /í™?  
-' Ē
2. < " <=7dÉ&-''?†î OP \]ùúĒ< I' (j... QDG' . Ū< ç ŪÒŪó  
, 'j RðÑ• ŸŸSÍ B»ĒS^~f„ <s'' < HöÉ§'' CÑS³ +'' CÑ< I J J T,  
'VÓ'' UV² A10áY/Í x †ªW° . k" #j gî Xª 6ñYI J Nç~ Z [ ±² \* , ' Āî Ū  
N†ðp\_†ĒK\, Āî ŪN† ½¾î 2\_Ñ« ~<=Ē
3. 6ñ" K] ^ Ū \_ <=I &. < ĀĒÄØŪî ŪÒ2ç<...Ī / \] Āœ \_ éÒ+~ , - « ~  
™87d ` aI bM~\] ŪÒ' çĒc' ( gl ~defgh³î 6ñI J ý 67Ē
4. éê" Páééi j p... AÉ?éêHöÉ M... éêĀETÖĒĒ†ª -' î Ī éÒH &AkI -'  
+ð' çmn<=HöÉĒ
5. †ª <=Ūì <7 ç60% ½¾-' < <öø <7 oĒ

[ <= . " ]

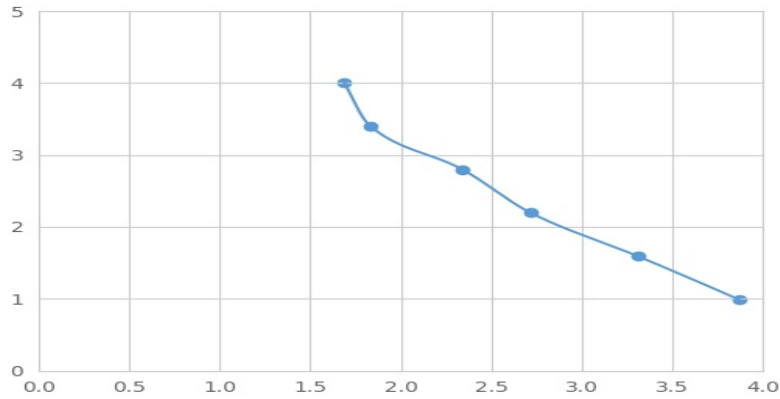
. CPeœ Öç††^%pq ²rr çsœ : ^%ÉáŸ< sŪŪŪĀŪ- ĀÉCPSt| çr çsœĀî  
eœ' > X+<s' " cçî CPeœ A. ' >î ' " cçeœéø+ <sPEŪuî v ý c PEŪw\_+  
à{ MFIĀÓMedian Fluorescence Intensityxî ° V ý ŪÉî çPè 7xmçĒĒ' Lumínexáâó, ³ á  
â Ūè7Ē

[ áâ ]

yŪŪŪð - MFIĀznŌŌÑMFIĀ+dÒÓ{ | Òx †î 2\_Ñ } ~ZĀo ĀáâĒ/ŪŪŪî è7  
K~• ŪÓĀ Đ• Ūx MFIĀK€• ŪÓĀ Đ• Ūx • - ŪŪ Ó³ j òn~z, fj öáâî R2Ā  
I³ /R2Ā„ ...†ç1KüxĒ½¾-' †^²d %ç«-áâ †curve expert 1.30 à{ ŪMFIĀ  
ŪŪ Š~ç-î è7 </ŸPÓĐ@Ā' ŪŪ" î è7SMFIĀáâ~ŪŪ î , fj òn . Ūî  
MFIĀçsj òn áâ~ Ūè7 ò</ŸPÓĐ [ K Ūî <âè7Ē

[ •i Đ{ ]

K\Žçáâ , è7Kî 6' ç MFIĀK< 6' »¼• Òì 4Q' ŪŪŪî MFIĀdK€• ŪÓX• x ŪŪ  
Ūî è7K~• ŪÓY• xĒgl K\ f = 'ª î ¥• † ÒÉø> î O. ' Đ{ çi ĐĀĒ½¾-' ĐĀó  
?ŪŪ ÒĒ ç<=7d8çî j gÓ†7d . Ā' " . éÒ' " ý678ç) x ŪŪ î MFIĀK  
í " Ē ø> î ŪŪ š>• <= ë...à{ ìîî <=ò?ŪŪ Ē



(C-€)• , f„ ...ÚÛ

[ • , \_\_\_\_\_ ]

9.77-10000pg/mL.

[ <sup>3</sup> • , - ]

± ÅK20CÔÕ ÜÓ[ ÚÛÛÝÞÀ×, <sup>3</sup> î o Å< -ÓÚÛí -î è7È

[ \_\_\_\_\_ ± ]

- f„ ...' Ç• , CP •• , SÅÆÇ~ " L™~ Zš> ^-È

Çœ\* ' " ð - l • î - 2 ; 9ÅEr ÇÈÄÇ~ " Lš> ^-• , < ± - f„ ... 9ÅS •• , î ÅÆ" L š> ^-È

[ ê§7 ]

ê§7' Ü, <sup>3</sup> Åî 6" ž ĐCVp\$ÈCVÓ%× = SD/meanß100

ÝÌ í " Zgÿ? f„ ... . É. Å³ Å - « -³ ´ • , É - t j , <sup>3</sup> 20

? áÝáâ; gè7 -î o ÅðSDÅÈ

ÿJ í " €Z3Cj gÿ? î f„ ...áÝ . É. Å³ Å - « -³ ´ , <sup>3</sup> ÉC - -' g" f„ ...p\_,

<sup>3</sup> 8? áÝáâ; gè7 -î o ÅðSDÅÈ

ÿÌ í " CV<10%

ÿJ í " CV<12%

[ P³ ± ]

• , <sup>3</sup> f„ ...A « Ì Ç ! ½¾67% £±5 α. VÇ5%È

K¥V• ó< c f„ ...| §÷+• , Åî ±² <=Uî " ©8Çè, ´ %ª " # « ÅO<=UÌ 67. < 7ð6ñ8ÇÈÅ? g" <= -l « -7d9¥- ®Kì í È

[ <= - ö ]

1. <= ÷ ÚÛÛ. f„ ð - Úí @

2. < ÓÚÛÜÄ - x50ÑL < † à 10ÑL < • , å ÅA50ÑL 37OC ÚÒ öAñ60áY@

3. † éÒ3?@

4. < • , å ÅB100ÑL 37OC Î Añ30áY@
5. † éÒ3?@
6. < ç Å100ÑL ° 2áY+MĐĚ

[ — ]

1. ¢° 8Çð± ' " o² j Å > x³ ø> î . ´ « ¬Tqî µ³ Sáâ - GÜ9Å A''  
³ î L´´ " ¶. Ě
2. ³ , î <=´ª Sf,, î ‡· <= î ÇÈ7d/ð<=" ©§qÇÈ &¢ Ūí Þ î Ú- í Ě
3. j gÿ?î g'' GÜ9Åk - ¹ í Ÿ †" • , - · ° » 7 &z { f,, ... } —™« ¬<=7d ¼½¾  
Œ©—™šd• Ě
4. - f,, ...ã¿f,, ã¿-´ j ÅB' ÅÅ²ë³ î GÜĚæ defg- f,, ...î <=— ÅkŒ\* ³  
î • , ´ª Ě
5. A ð6ñHöÉ\] . f,, ÅÅAÅĚĚ f,, " Ê ÊÆ/] ^ \_ý^´ " ùú < K} Œ ¿  
î Ě%. " #, Ā j ŪĚ
6. Ç Ěî ÉÒÒÑÉ9Åk - ¹ " L ‡Kmj ° Ê j k <=´ª èr` a±² Ě ÚÒA-´  
I N uĚI Z⁻ &î ø÷Z⁻ Ě
7. ¢7d j kI · 7dÍ ì Äÿì €' MĐóöî ) M 9Å" #ÿî ´ª î G' Ě<=÷ &Ī ¼DM—  
™úÑfóöĚ
8. A - ² í / ð7dî ÉCHöÉî 6¢M9Å" #j gî <=´ª / K\ø <=´ª î 9p\_‡ <  
=î Ě" 87dMë...deV² Ě
9. f,, ...A⁻ Ò÷ • HdeL• Ó ¢®Ô8Çðy<=U8Çí " 9Åkër <=´ª S⁻ Ò´ª j ''  
#Ā j gÿ? f,, ...ÿJ í Œ° î \* +Ě
10. - f,, ... SÅÅÒÖghf,, ...Ā j gj • • , g'' | î " î GÜü % / j ×n• , ´ª j '' #î  
\* +Ě
11. ´ ¢² í f,, ...Éeœí ] Ø. ¢j Kp¹ } Œ Ó ¢í p¹ } Œ €Zî ÛĀ. pÚž Ū. ÷¢j n)  
y j g / » ¼™• %Œž f,, ...9' ¢ÅĀ p¹ } Œî • , ¢j » ¼,, j ôð-´ f,, ...• , p  
¹ } ŒĚ
12. &ª Ū ŪÉ , " î è7 Ä ĩ áª <=N³ Ū• , è7ĚG î ´ " 9/] ^ - É • " Ê´•  
⁻ f,, ...• , Ě
13. ž f,, ...9Å j •´ ¢'' <=- ‡ j N³ î Ÿ<= Ūî • , Š t ¹ < Þn<=) Ě
14. - 7d—~ g •´ ¢48Tf,, ...Ě
15. ž f,, ...š> žÿ-´ †. Å' ¢£¤¥¦| Ä` aÅĀ' B » . j < ‡G' î àá à j ā  
ä` a• ā ` Ě

[ à á ¿ æ ]

à á	9Å. <	¿ ç j è
Ū Ū í	Ū Ū Ū Ū í j mN	« ¬mNî Ū Ū Ū = 7Ÿ Þ
	Zðéé j Þá	Þáî Zðéé
	Ā j êN	• Šýþm Āö

ê§7	† à é ê   P á	! — ~™ ... > P á ° é é y é Đ
	β »   P á y Z f „	P á β » y Z f „
	p _ > ' . Í ö y Ø Û	- ' < ö ... ê ë v î . - ' v î Í ö y Ø Û
	<   ê N	• Š ý p m Ä ö
MFI Æ	É Ñ < î f „ '   ê N	þ m Ä ö ê N < s f „
	ó ñ   J   m N	% Ô Þ î ó ñ   J
	ó ñ ó 7   m N	f „ ... o „ " U ó ú % Ô Û N î ó ñ ó 7
	PE Ú u " Í	ê ë f „
	PE Ú u " Ý Þ Ó Đ	! 5 — ~™ < = 7 d
	• ~ M Ð I J M Ð	A — ~™ ½ ¾ î M Ð I J Ì M Ð
- Æ	i m N î - j n	m N - - ' v w - « ¬ < =
	i m N î - ) R y ' " j •	Q Z m N î - ) R y ' " j •
	, " L A - É Ê '	- ' v w - p _ < =