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$$>7?87@$$
\$' 7AA=B=\$

CDDE\$

```
#$ F4@; 65M$ KH7BH; 665@B$ ; AB7H5896$ 5?$ KH=?=@8=F$ J7H$ M; AMLA; 85@B$ 89=$ K; H85857@$ JL@M857@$; @F$89=$K; 5HN5?=$3; ?=0K; 5H5@B$KH73; 354585=?$7G=H$; AM$?=M7@F; H4$?8HLM8LH=?$ J7H$; $B5G=@$! "#$@LMA=785F=$?=PL=@M=0$; @F$89=$M; AMLA; 857@$ 7J$89=$K; 5HN5?=$3; ?=0 K; 5H5@B$ KH73; 354585=?8$ 89=$; AB7H5896$ 5?$; @$; KKA5M; 857@$ 7J$ 89=$; KKH7; M9$ L?=F$ 34$ SM'; ??<5AA$ 87$; MM76 KA5?9$ 895?$ J7H$ @=?8=F$ ?=M7@F; H4$ ?8HLM8LH=?$ 87$ 89=$ MA; ??$ 7J$ ?8HLM8LH=?$5@MAL?5G=$7J$K?=LF70<@78?0$L?5@B$; $8=M9@5PL=$FL=$87$&FF4$=81$; AT$$ !
```

82397:;!8<1\$6<0=!!

+!97:1; 2!><?; 4!30!8\$\$@?!<04!A<sup>1B</sup>!<04!C<sup>?1</sup>!324; 2!@<2D3E!@34; :?!

&]K;@F5@B\$ LK7@\$ ;\$ M76KL8;857@;A\$ ?MH==@5@B\$ ;KKH7;M9\$ L?=F\$ 87\$ 5F=@85J4\$ A5<=A4\$

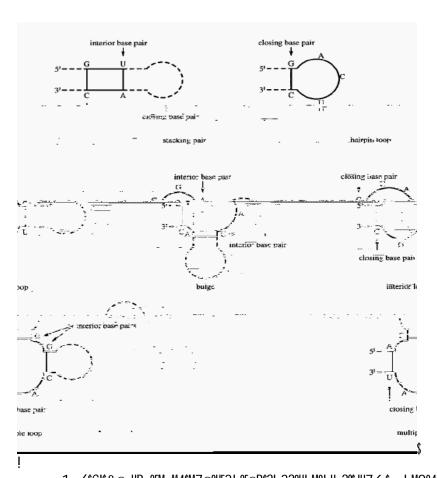
 $1. / \$UI\$ + 9 = \$M7@? = HG = F\$\%\&' . \%\$6785J\$JH76\$eH4L < 7G\$ \\ + 9 = \$5@585; A\$J548 = H5@B\$KH7M = ??\$L? = ?\$; \$H = BLA; H0 = ] KH = ??57@\$3; ? = F\$J548 = H\$M; AH = F\$ - ; 8\%M; @Q\$NH588 = @\$34\$! 7??$ ( G = H3 = < \$; @F\$?565A; H$5@$JL@M857@$87$89 = \$877A?$L? = F$34$eH4L < 7G$ ; @F$ O = ?MLH = $5@$89 = $5@585; A$K9; ? = ?$7J$89 = 5H$?MH = = @5@B$8 = M9@5PL = ?T$.8$; AA7N?$89 = $J7AA7N5@B$M7@?8H; 5@8?$87$3 = $=@J7HM = FI$$$ 

\$UT\$%K=M5J5M\$?L30=]KH=??57@?\$6;4\$3=\$7J\$G;H5;3A=\$7H\$J5]=F\$A=@B89\$

ET\$#\$?L30=]KH=??57@\$6;4\$3=\$M7@?8H;5@=F\$?LM9\$89;8\$58\$6L?8\$3=\$K7??53A=\$87\$3;?=0 K;5H0\$9=A5M;M4Q\$N589\$;@789=H\$?L30H=B57@\$B5G=@\$;\$?=8\$7J\$3;?=0K;5H5@B\$K7??5354585=?\$ :;8?7@0'H5M<\$;@F\$K78=@85;M4\$\/0,`\$

 $\label{eq:continuous} $$XT$+9=$M7@?8H; 5@8?$5@$_E`$6; 4$3=$A77?=@=F$34$; AA7N5@B$?K=M5J5M$B; K?$7H$65?6; 8M9=?$5@$89=$9=A5M; A$H=B57@?$$ 

H=?8H5M857@\$56K7?=F\$34\$89=\$5@585; A\$J5A8=HQ\$N=H=\$@78\$6=; ?LH=F\$J7H\$89=\$KLHK7?=\$7J\$ H;@<5@B\$89=\$958?\$89; 8\$K; ??=F\$89=\$?MH==@T\$\$ \$



1. /\$CI\$&@=HB=85M; M4\$M7@8H53L85@B\$?L3?8HLM8LH=?Q\$JH76\$: LM984\$=8\$; AT\$
\$
.@\$89=\$H=MLH?57@Q\$89=\$J5H?8\$M; ?=\$M7HH=?K7@F?\$87\$89=\$889\$3; ?=\$37@F5@B\$N589\$89=\$589Q\$
89=\$@=]8\$8N7\$M; ?=?\$; H=\$F; @BA=?Q\$; @F\$89=\$A; ?8\$M; ?=\$; MM7L@8?\$J7H\$N9=@\$89=\$889\$3; ?=\$
37@F?\$N589\$?76=\$3; ?=\$3=8N==@\$5\$; @F\$aT\$

! = G5?5@B\$'' L??5@7G\$g; M73?7@\$87\$; MM7L@8\$J7H\$89=\$; M8L; A\$89=H67F4@; 65M\$ M7@8H53L857@?\$7J\$?L3?8HLM8LH=?\$H=PL5H=?\$?=G=H; A\$M; ?=?I\$

2;5HK5@\$A77K?\$5@8=H57H\$87\$;\$3;?=0K;5H\$5bb\$3LAB=?0\$?8;M<=F\$3;?=0K;5H?\$;@F\$5@8=H57H\$
A77K?\$N95M9\$;H=\$F=8=H65@=F\$34\$8N7\$3;?=0K;5H?0\$;?\$?==@\$5@\$J5BLH=\$CB\$;@F\$6LA850
A77K?\$N95M9\$;H=\$=@MA7?=F\$34\$;@\$7L8=H67?8\$3;?=\$K;5H\$;@F\$9;G=\$?=G=H;A\$5@F=K=@F=@8\$

?L3?8HLM8LH=?\$M7@8; 5@=F\$34\$\$8T\$.@\$; M\$M; ?=?\$89=\$7L8=H67?8\$3; ?=0K; 5H\$F7=?\$@78\$9; G=\$
; @\$=@=HB4\$M7@8H53L857@T\$\$
2=@M=\$WL<=H0%; @<7JJ\$5?I\$
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!

## @6' <?D7::J?!<:G3271BF!932!&;?1;4!\$1256152;?!

S

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 \begin{array}{l} \$ \\ +9 = @\$89 = \$H = MLHH = @M = ?\$J7H\$89 = \$H = 6 \; ; 5@F = H\$ \; ; H = I\$ \\ \$ \\ i \ ^6 _{5a} h \$89 = \$?L6\$7G = H\$5b9bha\$7J\$ _\$ = n_ - = @\; ; 1884 \; \$I \ \$i \ ^6 _{50901} \; ki \ ^{6U}_{9a} k = n_3 \; ; ? = `\$N9 = H = \$ \\ - = @\; ; 1884\$5?\$ \; ; \$JL@M857@\$7J\$89 = \$L@K \; ; 5H = F\$3 \; ; ? = ?\$5@\$89 = \$A = J8\$9 \; ; @F\$K7H857@\$7J\$89 = \$ \\ - L 1850177K\$ \; ; @F\$3 \; ; ? = \$5?\$89 = \$M7@8H53L857@\$7J\$ \; ; @\$ \; ; FF5857@\; ; 18$3 \; ; ? = 0K \; ; 5H$5@?5F = \$ \; ; \$ \\ - 6 L 1850177K1\$ \\ \$ \\ i \ ^3 _{5a} \end{array}
```

## 1./\$XI\$#@\$=A=6=@8;H4\$K?=LF7<@78\$

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 $+9 = \$6; ] 565d; 857 @\$H = A5 = ?\$LK7 @\$?76 = \$L@8 = ?8 = F\$89 = H67F4 @; 65M\$K; H; 6 = 8 = H?0\$FL = \$87\$ \\ 89 = \$H = A; 85G = \$5 @JH = PL = @M4\$7J\$89 = \$7MMLHH = @M = \$7J\$K? = F7 < @78?0\$N95M9\$N = H = \$M97? = @\$J7H\$ \\ 89 = 5H\$; 35A584\$87\$H = KH7FLM = \$ = ] K = H56 = @8; AA4\$F = 8 = H65 @ = F\$H = ?LA8?\$N5897L8\$L @FLA4\$7G = H0 \\ KH = F5M85 @B\$K? = LF7 < @788 = F\$?8HLM8LH = ?T\$ + 9 = \$K; H; 6 = 8 = H?$KL @5?9$M7 @?8HLM857 @$7J$K? = LF7 < @78?$N5895 @$K? = LF7 < @78?0$; @F$ @ = B; 85G = \$_?8; 35A5d5 @B`$? = M7 @F; H4$?8HLM8LH = $M7 @8H53L857 @?$N5895 @$K? = LF7 < @78?$; H = $A = ?? = @ = F$34$; $?M; A5@B$J; M87HT$&FF40!5G; ?$; A?7$56KA = 6 = @8?$?8; 35A5d5 @B$ = @ = HB = 85M$M7 @8H53L857 @?$J7H$M7; ]5; A$?8; M < 5@B0$N9 = H = $5J$5$; @F$ < $3; ? = 0K; 5H0$; @F$A$3; ? = 0K; 5H0$; @F$Ah < I U0$89 = @$89 = H = $5?$; $?8; 35A5d5 @B$ = @ = HB4$$ 

\$ +9=\$ H=MLHH=@M=?\$ J7H\$ 89=?=\$ 6; 8H5M=?\$ H=MLH?=\$ 7@\$ 89=6?=AG=?\$; @F\$ 7@\$ 89=\$ L@97A=F\$ 6; 8H5M=?Q\$ N95M9\$; H=\$ KH=?=HG=F\$A; HB=A4\$ 5@8; M8\$ JH76\$ 89=\$ WL<=H0%; @<7JJ\$ #AB7H5896T\$ "78; 3A4Q\$ 89=\$ H=MLHH=@M=?\$ M7@8; 5@\$ 35JLHM; 85@B\$M; ?=?\$ 89; 8\$; M7N\$ J7H\$; \$97A=F\$6; 8H5]\$ =A=6=@8\$87\$M7@8; 5@\$M7@8H53L857@?\$JH76\$89=\$?L6\$7J\$8N7\$789=H\$97A=F\$6; 8H5M=?T\$ .@\$J5BLH=\$Z\$N=\$?==\$@7@0@=?8=F\$35JLHM; 857@?\$89; 8\$M7@8H53L8=\$87\$N9] T\$\$

1./\$ZI\$'' 7@0@=?8=F\$M7@8H53L857@?\$87\$N9]\_50aR<0A`\$

+9=?=\$@7@0@=?8=F\$ 35JLHM; 857@?\$; A47N\$; H358H; H40\$ L@H=?8H5M8=F\$ K?=LF7<@78?\$ 87\$ 3=\$
KH7FLM=FT\$.@\$J5BLH=\$[\$N=\$?==\$97N\$87\$M7@?8HLM8\$; \$K?=LF7<@78\$7J\$89=\$J7H6\$&
! " " " " \$ " " # " " ( " " %\$; @F\$89L?\$M; @\$KH7FLM=\$<0; H4\$K?=LF7<@78?0\$H=PL5H5@B\$; @\$

; H358H; H4\$@L63=H\$7J\$?=8?\$7J\$K; H=@89=?=?\$5?\$LA856; 8=A4\$; MM7L@8=F\$J7H\$5@\$KH7FLM5@B\$89=\$7K856; A\$?=M7@F; H4\$?8HLM8LH=T\$



1./\$[I\$-?=LF7<@78\$' 7@?8HLM857@\$

.@\$ &FF40! 5G;?\\$89=\$J5@;\\$M76KL8;\857@\$5?\\$8HL@M;\8=F\\$34\\$M7635@5@B\\$7@A4\\$8N7\\$97A=\\$6;\8H5M=?\\$;\8\\$9=\\$87K\\$A=G=AT\\$#?\\$;\\$H=?LA8\\$5@MAL?57@\\$7J\\$M=H8;\5@\\$84K=?\\$7J\\$<@78\?\\$!\\$97?=\\$7J\\$;\\$K;\H;\AH=\\$3=8;\0?\9==8\\\$M;\@@78\\$3=\\$F=8=\H65@=FT\\$!

UX\$

5@8H7FLM5@B\$?L3M;?=?\$89;8\$N=H=\$6L8L;M4\$=]MAL?5G=\$;@F\$;M7N=F\$J7H\$K7?585G=\$

6;8H5M=?\$5?\$;\$M7@8H53L857@\$JH76\$;\$?8HLM8LH=\$M7@8;5@5@B\$;\$K?=LF7<@780\$N95M9\$N;?\$
@78\$89=\$M;?=\$5@\$&FF40!5G;?0\$N95M9\$F=K=@F=F\$LK7@\$89=\$N=5B985@B\$;@F\$K=@;A5d5@B\$
7J\$M7635@;857@?\$7J\$97A=\$6;8H5M=?\$87\$KH=G=@8\$89=5H\$3=5@B\$M97?=@\$;?\$7K856;A\$N9=@\$
89=H=\$N;?\$;@\$;G;5A;3A=\$@=?8=F\$?8HLM8LH=\$5@\$89

B.!\*/4#&2&GHI1!\*/4#&5&+,6&789&:;<&\*=J=,=4&;:&&

& &

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#B;5@Q$;?$6;8H5M=?$N6$;@F$N6U$;H=$5F=@85M;A$87$89=5H$M7L@8=HK;H8?$5@$SM';?<5AQ$
89=$87K67?8$H=MLH?57@?$U`$;@F$C`$;H=$5F=@85M;A$87$89=$@=?8=F$M;?=$N95A=$E`$
:88=6K8?$87$L@5PL=A4$:MM7L@8$J7H$89=$K?=LF7<@78$M7@8H53L857@?T$$
+9=H=$:H=$89=@$89H==$;FF5857@:A$H=MLHH=@M=?$5@$89=$M;AMLA;857@$7J$89=$K;H85857@|$
N9]0$ G9]0$; @F$ d9]1$ ( J$ 89=$ 89H==0$ d9]$ 5?$ 89=$ 67?8$ M7@?8H; 5@=FT$ .8$ 9; ?$ 3==@$
H=F=J5@=F$
+9=$J5H?8$M; ?=$9;@FA=?$?8HLM8LH=?$5@8=H57H$87$89=$3;?=0K;5HQ$;@F$89=$?=M7@F$H=MLH?=?$
7@$G911$$
B,.!*/4CA/@#2&&
 \&\&\&\&\&\&\&*: !*/4\&O?MS+\&P?76Q?*<&;<&A/@&O?MS+\&P?76Q?*<\#R&3\&\&\&\&\&\&\&!1#\&3&A.
2222222222222222222
&PL; 857@$_U`$;@F$_E`$;H=$3;?=$M;?=?$J7H$G9]R$89=4$KH=G=@8$89=$8N7$3;?=0K;5H?$
H=PL5H=F$87$?;85?J4$89=$M7@?8H;5@8T$&PL;857@$ C`$5?$;$3;?=$M;?=$89;8$5?$@=M=??;H4$87$
```

6;5@8;5@\$89=\$H=MLH?57@\$7@\$G9]\$5@\$N]\$;@F\$G]T\$&PL;857@\$\_X`\$5?\$89=\$M;?=\$N9=H=\$@7\$;FF5857@;A\$K;5H?\$MH7??\$89=\$97A=G\$=PL;857@\$\_Z`\$5?\$89=\$M7@8H53L857@\$7J\$G9]\$;?\$;\$?8;M<G\$3LAB=G\$7H\$5@8=H57H\$A77KT\$&PL;857@\$\_[`\$H=MLH?=?\$5@N;HF?\$7@\$?8;M<=F\$G9]Y?\$5@8=H@;A\$87\$895?\$7@=T\$\$

**\$**\$

15@; AA4I\$

#FF5857@; A\$ 8=?8\$ HL@?\$ 87\$ ; @?N=H\$ 89=?=\$ PL=?857@?\$ 5@\$ K; H85MLA; H\$ 6L?8\$ N; 58\$ J7H\$ ; \$ 6L?8\$ N; 500 J7H\$ ; \$ 5 J7H\$ ; \$ J7H\$

89=5H\$ N7H?8\$; MM7L@8\$ J7H\$ 67H=\$ 7J\$ 89=\$ =@=HB=85M\$ M7@8H53L857@?\$ 87\$ 89=\$ 3; ?=?\$ 5@\$ PL=?857@\$89; @\$F7=?\$89=\$\$M';?<5M\$56KA=6=@8; 857@\$5@\$f5=@@;\$!"#\$K; M<; B=T\$\$\$

1 LH89=H\$ N7H<\$ 5@MALF=?\$ J5@F5@B\$; @\$ 7K856; A\$ ?7AL857@\$ 87\$ 89=\$ KH73A=6\$ 7J\$ F; @BA=?\$ 3; ?=F\$LK7@\$6L8L; M4\$=]MAL?5G=\$?L30M; ?=?\$7J\$G; H57L?\$6; 8H5M=?\$89; 8\$; FF5857@; M4\$N5M\$; M47N\$ 89=\$ 5@M7HK7H; 857@\$ 7J\$ M7; ]5; A\$ ?8; M<5@B\$ M7@8H53L857@?T\$ #FF5857@; M40\$ 89=\$

## 0.%+\$(1\$1./,!&%\$

'' #\$%&'! \$ \$	()*&!
1./\$UI\$+9=\$M7@?=HG=F\$%&'.%\$6785J\$JH76\$@H4L<7G\$\$\$\$\$\$\$	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
	\$
1./\$CI\$&@=HB=85M; M4\$M7@8H53L85@B\$?L3?8HLM8LH=?Q\$JH76\$:	LM984\$=8\$; AT\$
	\$
1./\$EI\$;\$M7635@;857@\$7J\$8N7\$97A=F\$6;8H5M=?\$	ssssssssssssssssssssssssssssssss
	\$
1./\$XI\$#@\$=A=6=@8;H4\$K?=LF7<@78\$	ssssssssssssssssssssssssssssssss
	\$
1./\$ZI\$'' 7@0@=?8=F\$M7@8H53L857@?\$87\$N9]_50aR<0A`\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
	\$
1./\$[I\$-?=LF7<@78\$' 7@?8HLM857@\$	::::::::::::::::::::::::::::::::::::::
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## >.>0.(/!#-2\*\$

>; 8=@3LHB01T\$2T\$) T\$G; @R\$/LA84; =G0\$#T-R\$-A=5a0\$' T: T#R\$'' B0\$gR\$( A5=97=<0\$gR\$\_CDDD`T\$

```
"L???5@7G0$! R$g; M73?7@0$#T$>T$_U^\D`$H)19!),*8'/95$!=8'!4'80/+9/:*!95&!1&+8:0)'1!19'#+9#'&!
8=!1/:*,&619'):0&0!2'". T$-H7M==F5@B?$7J$89=$";857@;A$#M;F=64$7J$%M5=@M=?$7J$
89=$, @58=F$%8;8=?$7J$#6=H5M;0$VV_UU`I[ED^00[EUET$
$
! 5G;?0$&A=@;R$&FF40$%=;@$! T$_U^^^`$
```