

PPR-1/1-681	1	M L A R V C R S G S S S - - - - S A A R L F C T R S I R H A L A K K S R D G E S G E A G F R G E S L K L R S G F H E I	55
PPR-2/1-686	1	M L A R V R R S G S Y S S P A V S A A R L F C T R S I R D T L A K K S R D G E S D E A G F G G E S L K L Q S G F H E I	59
PPR-A/1-686	1	M L A R V C R F E S S S S S S V S A A R F F C T G S I R H A L A E K S R D G E S G E A G F R G E S L K L R S G S Y E I	59
PPR-B/1-687	1	M L A R V C G F K C S S S P A E S A A R L F C T R S I R D T L A K A S - - G E S C E A G F G G E S L K L Q S G F H E I	57
1			
PPR-1/1-681	56	K G L E D A I D L F S D M V R S R P L P S V I D F N K L M G V V V R M E R P D L V I S L Y Q K M E R K Q I F C D V Y S	114
PPR-2/1-686	60	K G L D D A I D L F G Y M V R S R P L P S V I D F C K L M G V V V R M G R P D V V I S L H K K M E M L R M F C N A Y S	118
PPR-A/1-686	60	K G L E D A I D L F S D M L R S R P L P S V I D F N K L M G A V V R M E R P D L V I S L Y Q K M E R K Q I F C D I Y S	118
PPR-B/1-687	58	K G L E D A I D L F S D M L R S R P L P S V V D F C K L M G V V V R M E R P D L V I S L Y Q K M E R K Q I F C D I Y S	116
2			
PPR-1/1-681	115	F N I L I K C F C S C S K L P F A L S T F G K I T K L G F C P D V V T F S T L L H G L C V E D R V S E A L D L F H Q M	173
PPR-2/1-686	119	F T I L M K C F C S C S K L P F A L S T F G K I T K L G F H P T V V T F N T L L H G L C V E D R I S E A L D L F H Q M	177
PPR-A/1-686	119	F T I L I K C F C S C S K L P F A L S T F G K L T K L G L H P D V V T F T T L L H G L C L D H R V S E A L D L F H Q I	177
PPR-B/1-687	117	F N I L I K C F C S C S K L P F A L S T F G K I T K L G L H P D V V T F T T L L H G L C V E D R V S E A L D L F H Q M	175
3			
4			
PPR-1/1-681	174	----- C R P N V V T F T T L M N G L C R E G R V V E A V A L L D R M V E D G L Q P N Q I T Y G T I V D G M C K I G D	228
PPR-2/1-686	178	----- C K P N V V T F T T L M N G L C R E G R V V E A V A L L D R M L E D G L Q P N Q I T Y G T I V D G M C K M G D	232
PPR-A/1-686	178	----- C R P D V L T F T T L M N G L C R E G R V V E A V A L L D R M V E N G L Q P D Q I T Y G T F V D G M C K M G D	232
PPR-B/1-687	176	F E T T C R P N V V T F T T L M N G L C R E G R I V E A V A L L D R M M E D G L Q P T Q I T Y G T I V D G M C K K G D	234
5			
6			
PPR-1/1-681	229	T V S A L N L L R K M E E M S H I K P N V V I Y S A I I D G L W K D G R H S D A H N L Y T E M Q E K G I F P D L F T Y	287
PPR-2/1-686	233	T V S A L N L L R K M E E V S H I P N V V I Y N T I I D G L W K D G R H S D A H N L F I E M Q E K E I F P D I V T Y	291
PPR-A/1-686	233	T V S A L N L L R K M E E I S H I K P N V V I Y S A I I D G L C K D G R H S D S H N L F I E M Q D K G I F P N I V T Y	291
PPR-B/1-687	235	T V S A L N L L R K M E E V S H I P N V V I Y S A I I D S L C K D G R H S D A Q N L F T E M Q E K G I F P D L F T Y	293
7			
8			
PPR-1/1-681	288	N C M I D G F C S S S G R W S E A Q R L L Q E M L E R K I N P N V V T Y S A L I N A Y V K E R K F F E A E E L Y D E M I	346
PPR-2/1-686	292	N C M I N G F C I S G R W S D A E Q L L Q E M L E R K I N P D V V T F S A L I N A F V K E G K F F E A E E L Y D E M I	350
PPR-A/1-686	292	N C M I G G F C I S G R W S A A Q R L L Q E M L E R K I S P N V V T Y N A L I N A F V K E G K F F E A E E L Y D E M I	350
PPR-B/1-687	294	N S M I V G F C S S S G R W S D A E Q L L Q E M L E R K I S P D V V T Y N A L I N A F V K E G K F F E A E E L Y D E M I	352
9			
10			
PPR-1/1-681	347	P R G I I P N T I T Y N S M I D G F C K Q N R L D A A E H M F Y V M A T K G C S P D V F T F N T L I D G Y C G A K R I	405
PPR-2/1-686	351	P R S I I P S T V T Y S S M I D G F C K Q N R L D A A E H M F Y L T P T K G C S P D I I T F N T L I A G Y C R A K R V	409
PPR-A/1-686	351	P R G I I P N T I T Y N S M I D G F C K Q D R L D A A E D M F Y L M A T K G C S P D V F T F T L I D G Y C G A K R I	409
PPR-B/1-687	353	P R G I I P N T I T Y S S M I D G F C K Q N R L D A A E H M F Y L M A T K G C S P N L I T F N T L I D G Y C G A K R I	411
11			
PPR-1/1-681	406	O D G T E L L H E M T E T G L V A D T T T Y N T L I H G F C L V G D L N A A L D L S Q Q M I S S G V C P D I V T C N T	464
PPR-2/1-686	410	O D G I K L L H E M T E A G L V A N T I T Y T T L I H G F C Q V G D L N A A Q D L L Q E M I S S G V C P N V V T C N T	468
PPR-A/1-686	410	O D G M E L L H E M P R R G L V A N T V T Y N T L I H G F C L V G D L N A A L D L S Q Q M I S S G V C P D I V T C N T	468
PPR-B/1-687	412	O D G M E L L H E M T E T G L V A D T T T Y N T L I H G F Y L V G D L N A A L D L L Q E M I S S G L C P D I V T C D T	470
12			
13			
PPR-1/1-681	465	L L D G L C D N G K L K D A L E M F K A M Q K S K M D L D A S R P F N G V E P D V Q T Y N I L I S G L I N E G K F L E	523
PPR-2/1-686	469	L L D G L C D N G K L K D A L E M F K A M Q K S K M D I D A S R P F N G V E P D V Q T Y N I L I C G L I N E G K F L E	527
PPR-A/1-686	469	L L D G L C D N G K L K D A L E M F K A M Q K S K M D L D A S H P F N G V E P D V L T Y N I L I C G L I N E G K F L E	527
PPR-B/1-687	471	L L D G L C D N G K L K D A L E M F K V M O K S K K D L D A S H P F N G V E P D V Q T Y N I L I S G L I N E G K F L E	529
14			
PPR-1/1-681	524	A E E L Y K E M P H R G I V P N T I T Y S S M I N G L C K Q S R L D E A T Q M F D S M G S K S F S P D V V T F N T L V	582
PPR-2/1-686	528	A E E L Y E E M P H R G I V P D T I T Y S S M I D G L C K Q S R L D E A T Q M F D S M G S K S F S P D V V T F N T L V	586
PPR-A/1-686	528	A E E L Y E E M P H R G I V P D T I T Y S S M I D G L C K Q S R L D E A T Q M F V S M G S K S F S P N V V T F N T L V	586
PPR-B/1-687	530	A E E L Y E E M P H R G I V P D T I T Y S S M I D G L C K Q S R L D E A T Q M F D S M G S K S F S P N V V T F T T L V	588
15			
16			
PPR-1/1-681	583	S G Y C K A G R V D D G L E L F C E M G R R G I V A D A I T Y I T L I H G F R K V G N I N G A L D I F Q E M I S S G V	641
PPR-2/1-686	587	T G Y C K A G M V D D G L E L F C E M G Q R G I V A D A I T Y I T L I Y G F R K V D N I D G A L D I F Q E M I S S G V	645
PPR-A/1-686	587	N G Y C K A G R V D D G L E L F C E M G R R G I V A D A I I Y I T L I Y G F R K V G N I N G A L D I F Q E M I S S G V	645
PPR-B/1-687	589	N G Y C K A G R V D D G L E L F C E M G R R G I V A N A I T Y I T L I C G F R K V G N I N G A L D I F O E M I S S G V	647
17			
PPR-1/1-681	642	Y P D T I T I R N M L T V L W S K E E L K R A V A M L E D L Q M S M D I S F G G -	681
PPR-2/1-686	646	Y P D T I T I R N M L T G L W S K E E L E R A V A M L E D L Q M S V G Y Q L E D E	686
PPR-A/1-686	646	Y P D T I T I R N M L T G F W S K E E L E R A V A M L E D L Q M S V G Y Q L E D E	686
PPR-B/1-687	648	Y P D T I T I R N M L T G L W S K E E L K R A V A M L E K L Q M S M D I S F G G -	687