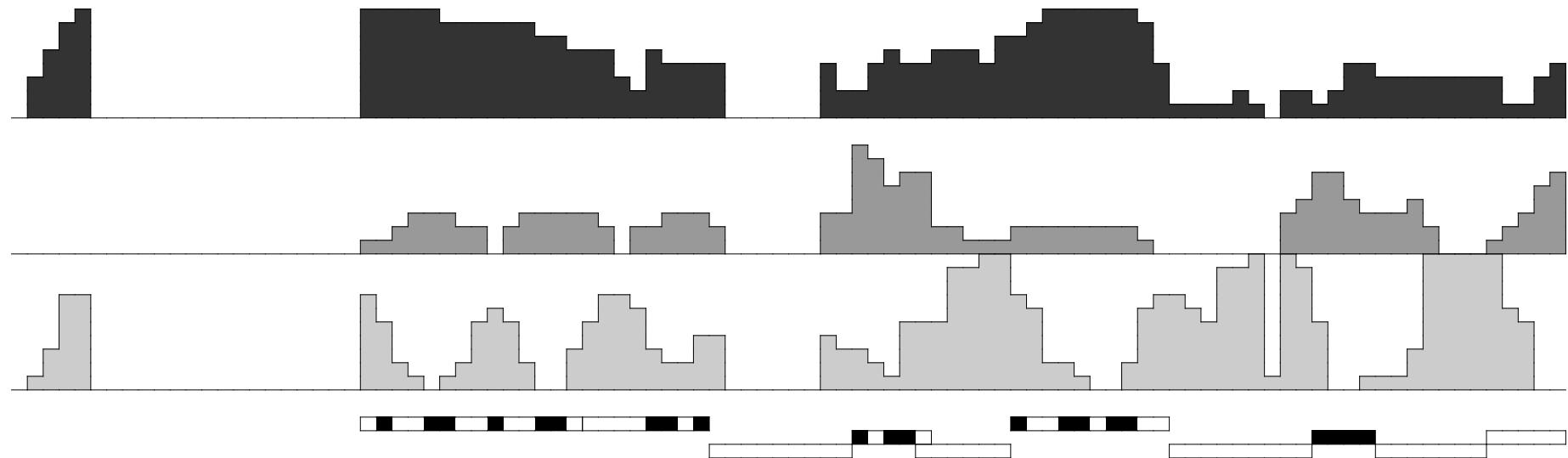
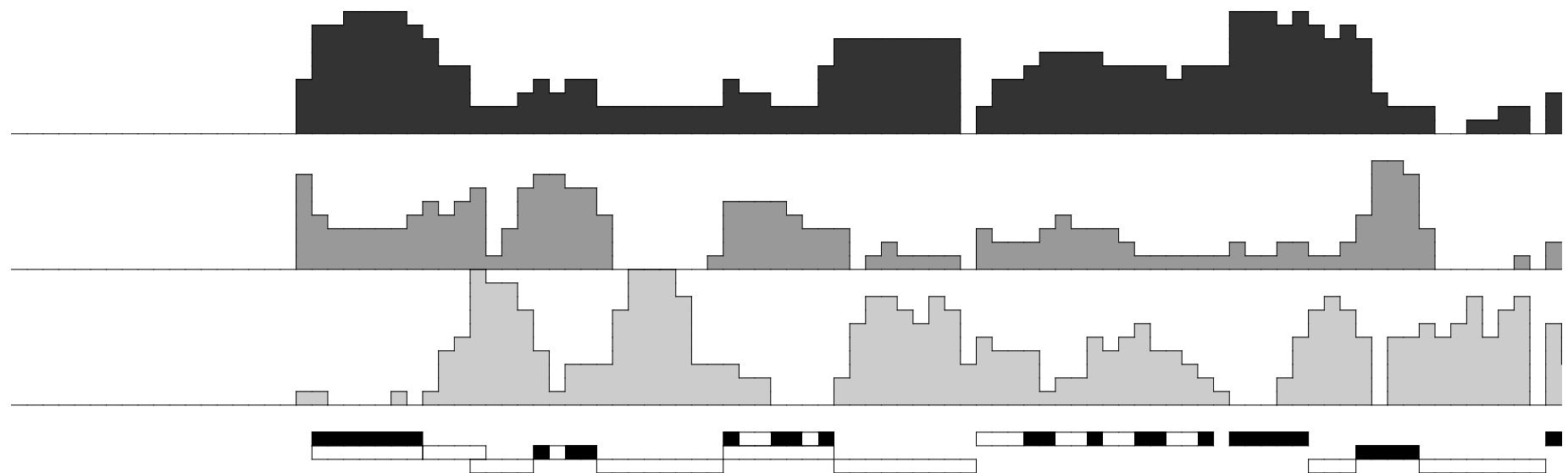
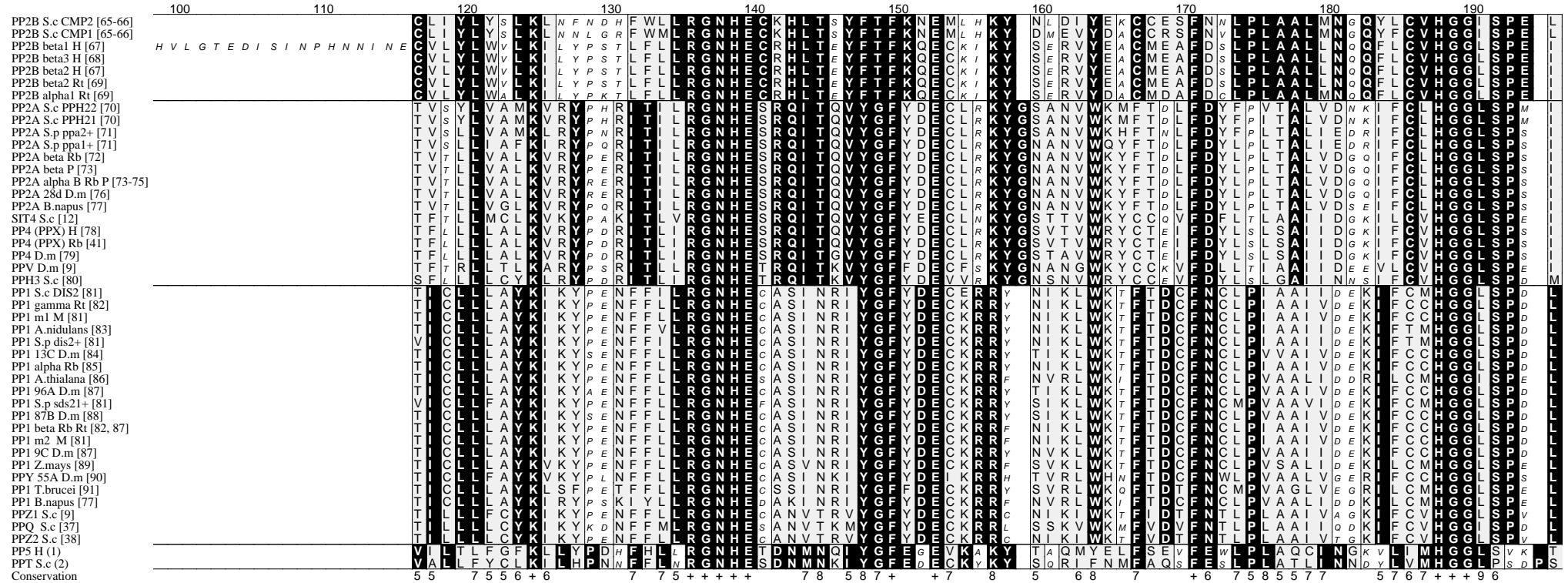


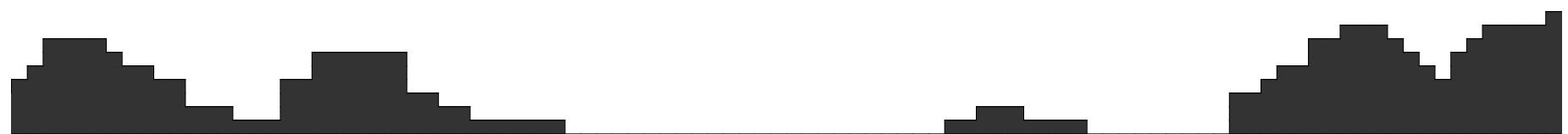
	1	10	20	30	40	50	60	70	80	90	
PP2B S.c CMP2 [65-66]	L	S A A	A R I	V T M	A T E	L F S	K E P	N L I	S V P	A P P	T
PP2B S.c CMP1 [65-66]	R	S K E	A K I	L N M	S T A	E L S	K E P	N L I	S V P	T I C G D	G D P A T
PP2B beta1 H [67]	R	D E E	I A L	R I I	N E G	A I L	R E E	T M I	E V E	A P P I T	I D Y L F
PP2B beta3 H [68]	R	D E E	I A L	R I I	N E G	A I L	R E E	T M I	E V E	A P P I T	T R Y L F
PP2B beta2 H [67]	R	D E E	I A L	R I I	N E G	A I L	R E E	T M I	E V E	A P P I T	T R Y L F
PP2B beta2 Rt [69]	R	D E E	I A L	R I I	N E G	A I L	R E E	T M I	E V E	A P P I T	T R Y L F
PP2B alpha1 Rt [69]	R	E E S	V A L	R I I	T E G	A S L	R E E	T M I	E V E	A P P I T	T R Y L F
PP2A S.c PPH22 [70]	P	S E D	A R L	L C K	M A V	D V L	Q F E	E N V	V K P	V P V T I	L E K I G G P
PP2A S.c PPH21 [70]	P	S E D	A R L	L C K	M A V	D V L	Q F E	E N V	V K P	V P V T I	L E K I G G P
PP2A S.p ppa2+ [71]	P	S E E A	D V E	D C D	K K A	R E E	V L C Q	E E N V	V O P	V P V T I	T N Y L F
PP2A S.p ppa1+ [71]	P	S E E A	D V E	D C D	K K A	R E E	V L C Q	E E N V	V O P	V P V T I	T N Y L F
PP2A beta Rb [72]	O	N E E N	Q V R	T M C	D L A	K K E	V L C Q	E E N V	V O P	C P V T V	M E L F R
PP2A beta P [73]	O	N E E N	Q V R	T M C	D L A	K K E	V L C Q	E E N V	V O P	C P V T V	M E L F R
PP2A alpha B Rb P [73-75]	O	S E E S	Q V Q	R T M C	D L A	K K E	V L C Q	E E N V	V O P	C P V T V	M E L F R
PP2A 28d D.m [76]	O	T T S T	Q V Q	R T M C	D L A	K K E	V L C Q	E E N V	V O P	C P V T V	M E L F R
PP2A B.napus [77]	P	S E E Q	Q V Q	R T M C	D L A	K K E	V L C Q	E E N V	V O P	S P V T I	M E L F R
SIT4 S.c [12]	A	T T E E N S	E E M	K Q Q	L C C	E K A	K K E	V L C Q	E E N V	T P V T V	T A G G F
PP4 (PPX) H [78]	L	I K E E S S	E E M	K Q Q	L C C	E K A	K K E	V L C Q	E E N V	S P V T V	V G G D
PP4 (PPX) Rb [41]	L	I K E E S S	E E M	K Q Q	L C C	E K A	K K E	V L C Q	E E N V	S P V T V	V G G D
PP4 D.m [79]	L	I K E E S S	E E M	K Q Q	L C C	E K A	K K E	V L C Q	E E N V	S P V T V	V G G D
PPV D.m [9]	Y	P E E N E	E E L	K K L	C C L	E M V	C O D	D I L	L E N	T P V T V	F M G D F
PPH3 S.c [80]	H	P E E N E	E E L	K K L	C C L	E M V	C O D	D I L	L E N	T P V T V	F M G D F
PP1 S.c DIS2 [81]	D	E E N	E I R	Y L C	S E A R	S I F	I K Q P	I L L	E L L	A P I K I	H G Q Y Y D
PP1 gamma Rt [82]	O	Q E E N	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 m1 M [81]	O	Q E E N	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 A.nidulans [83]	O	L E E S	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 S.p dis2+ [81]	O	L S E D	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 13C D.m [84]	O	S E E G	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 alpha Rb [85]	O	L T E E G	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 A.thialana [86]	H	S E E G	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 96A D.m [87]	H	S E E G	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 S.p sds21+ [81]	O	L S D E A	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 87B D.m [88]	O	S E E G	E I R	Y G L	C C L K	S R E	I F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 beta Rb Rt [82, 87]	O	M T E E A	E V R	G L C	I K S	R E I	F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 m2 M [81]	O	M T E E A	E V R	G L C	I K S	R E I	F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 9C D.m [87]	O	M T E E A	E V R	G L C	I K S	R E I	F L S	Q P P	I L L	A P P L K I	H G Q Y Y D
PP1 Z.mays [89]	O	L S E E S	E I K	R G L	C C A	A K K E	I F L Q	Q P P	I N L L	A P P I K I	H G Q Y Y D
PPY 55A D.m [90]	T	L K E E E	L I V	O Q T	R E E	V I K W	Q P M	L L V	E I A P P V N	T D L L R I	
PP1 T.brucei [91]	G	L T E E A	E V R	G L C	I K S	R E I	F L S	Q P P	I L L	A P P V R I	H G Q Y Y D
PP1 B.napus [77]											
PPZ1 S.c [9]	C	K N N	E I L	Q I C	I K A	R E I	F L S	Q P S	L E L	P P V K I	H G Q Y Y D
PPQ S.c [37]	C	V G E	S R E I	T K T S	K K N	F P F H S W	E I F	L N Q P S	L E L	P P V K I	H G Q Y Y D
PPZ2 S.c [38]	C	K N N	E I L	Q I C	I K A	R E I	F L S	Q P S	L E L	P P V K I	H G Q Y Y D
PP5 H (1)	K	H R K K	C A Y Q I	L V Q	V K E	V L S K	S T L	V E T	T L K E T	E K I T	T V C G D T
PPT S.c (2)	P	P K K	C Y V A I	L S H A D T	F R Q E	P S M V E	T D E N N S	T P D	T P V K I	S V C G D T	F D G F V D R G S F S V C
Conservation	6	5	6	5	6	5	6	6	6 + +	+ 6 +	+ 6 + + + + +



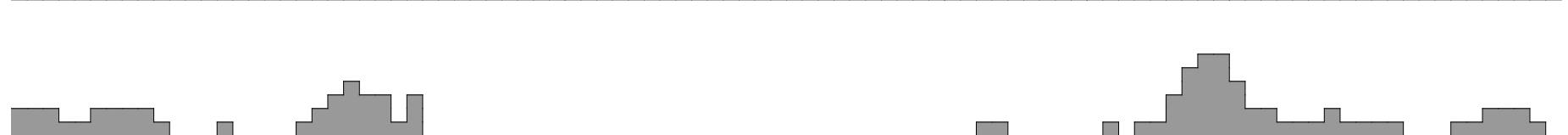


	200	210	220	230	240	250	260	270	280	290	
PP2B S.c CMP2 [65-66]	N S L Q D V N N L N R F R E I P S H G L M C D L L W A D P I E Y D E V L D K D L T E E D I V N S K T M V P H H G K M A P S R D M F V P N S V R G C S Y A F T Y R A C H F L L Q E T G L L S I R A A A										
PP2B S.c CMPI [65-66]	K S V E D V N X I L N R F R E E P S R H G L M C D L L W A D P I E Y D E V L D K D L T E E D I V N S K T M V P H H G K M A P S E F D Q S E D E F V P N S V R G C S Y A F T Y R A C H F L L Q E T G L L S I R A A A										
PP2B beta1 H [67]	H T L D D I R R L D R F K E E P P A F G P M C D L L W S D P S S E D F G N							E K S Q E H F S H N T V R G C S Y F Y N Y P A V C C E F F L L Q N N N N L L S S I R A A A			
PP2B beta3 H [68]	H T L D D I R R L D R F K E E P P A F G P M C D L L W S D P S S E D F G N						E K S Q E H F S H N T V R G C S Y F Y N Y P A V C C E F F L L Q N N N N L L S S I R A A A				
PP2B beta2 H [67]	H T L D D I R R L D R F K E E P P A F G P M C D L L W S D P S S E D F G N						E K S Q E H F S H N T V R G C S Y F Y N Y P A V C C E F F L L Q N N N N L L S S I R A A A				
PP2B beta2 Rt [69]	H T L D D I R R L D R F K E E P P A F G P M C D L L W S D P S S E D F G N						E K S Q E H F S H N T V R G C S Y F Y N Y P A V C C E F F L L Q N N N N L L S S I R A A A				
PP2B alpha1 Rt [69]	N T L D D I R K L D R F K E E P P A Y G P M C D L L W S D P S S E D F G N						E K T Q E H F T H N T V R G C S Y F Y S Y P A V C C E F F L L Q N N N N L L S S I R A A A				
PP2A S.c PPH22 [70]	E T I D Q V R D L N R / Q E E V P H E G P M C D L L W S D P D D						R G G W G I S P P R G A G F T F G Q D I S E Q F N H T N D L S I A R A A				
PP2A S.c PPH21 [70]	E T I D Q V R E L N R / Q E E V P H E G P M C D L L W S D P D D						R G G W G I S P P R G A G F T F G Q D I V S E Q F N H T N D L S I A R A A				
PP2A S.p pp4+ [71]	D S L D H V R T L D R / V Q E E V P H E G P M C D L L W S D P D D						R C G W G I S P P R G A G F T F G Q D I S E T F F N H A N N G L L T L V S R A A				
PP2A S.p pp4- [71]	D T L D H V R I L D R / V Q E E V P H E G P M C D L L W S D P D D						R P G W G I S P P R G A G F T F G Q D I A E A N H N G L L T L V S R A A				
PP2A beta Rb [72]	D T L D H I R A L D R / L Q E E V P H E G P M C D L L W S D P D D						R G G W G I S P P R G A G F T F G Q D I S E T F F N H A N N G L L T L V S R A A				
PP2A beta P [73]	D T L D H I R A L D R / L Q E E V P H E G P M C D L L W S D P D D						R G G W G I S P P R G A G F T F G Q D I S E T F F N H A N N G L L T L V S R A A				
PP2A alpha B Rb P [73-75]	D T L D H I R A L D R / L Q E E V P H E G P M C D L L W S D P D D						R G G W G I S P P R G A G F T F G Q D I S E T F F N H A N N G L L T L V S R A A				
PP2A 28d D.m [76]	D S L D H I R A L D R / L Q E E V P H E G P M C D L L W S D P D D						R C G W G I S P P R G A G F T F G Q D I S E T F F N H A N N G L L T L V S R A A				
PP2A B.napus [77]	E T L D N I R R N F D R V Q E E V P H E G G G P M C D L L W S D P D D						V E A W Q V S P P R G A G F W L F G S K V A R E F F N H A V N D M I C R A A				
SIT1 [12]	R M L D Q O I R T I D R / K Q E E V P H E G F S D D L W S D P D D						T T G W G V S P P R G A G F Y L F G S D V V A Q F F N A A N D M I C R A A				
PP4 (PPX) H [78]	Q T L D Q O I R T I D R / K Q E E V P H E G P M C D L L W S D P D D						T T G W G V S P P R G A G F Y L F G S D V V A Q F F N A A N D M I C R A A				
PP4 (PPX) Rb [41]	Q Y L D Q O I R T I D R / K Q E E V P H E G P M C D L L W S D P D D						Q T G W G V S P P R G A G F Y L F G S D V V S Q F F N R T D M I C R A A				
PP4 D.m [79]	I T L D Q O I R T I D R / N Q E E V P H E G A F C D L L V W S D P D D						M E Y W G Q S P P R G A G F W L F F G H N V T K D F M A I N N L I C R A A				
PPH3 S.c [80]	T T V D Q E I R T I D R / K Q E E V P H E G A M C D L L W S D P D D						V D T W S L S P P R G A G F L E K R E V D Q F L E K V E I A R A A				
PP1 S.c DIS2 [81]	N S M E Q I R R / V M R P T D I P D V G L L C D L L W S D P D K D						I V G W S E N D R G V S F E T F G P D V V N R F L Q K Q D E L I C R A A				
PP1 gamma Rt [82]	Q S M E Q I R R / V M R P T D V P D D G L L C D L L W S D P D K D						V L G W G E N D R G V S F T T F G A E V V A K F L H K K D L D L I C R A A				
PP1 m1 M [81]	Q S M E Q I R R / V M R P T D V P D D G L L C D L L W S D P D K D						V L G W G E N D R G V S F T T F G A E V V A K F L H K K D L D L I C R A A				
PP1 A.nidulans [83]	N S M E Q I R R / V M R P T D I P D C G L L C D L L W S D P D K D						I T G W S E N D R G V S F T T F G P D V V S R F L O K H H D M D L L I C R A A				
PP1 S.p dis2+ [81]	N S M D Q O R R / V M R P T D I P D C G L L C D L L W S D P D K D						L T G W G D N D R G V S F T T F G P D V V S R F L O K H H D M D L L I C R A A				
PP1 13C D.m [84]	T S M E Q O R R / I M R P T D V P D D G L L C D L L W S D P D K D						T I G W G E N D R G V S F T T F G A E V V V K F L O K H H D M D L L I C R A A				
PP1 alpha Rb [85]	Q S M E Q R R / I M R P T D V P D D G L L C D L L W S D P D K D						V Q G W G M N D R G V S F T T F G A E V V V K F L O K H H D M D L L I C R A A				
PP1 A.thialana [86]	K S L D Q Q I R R / N A R M D I P E E S G G L V C D L L W S D P S G D						V G W G M N D R G V S F T T F G A E V V V K F L O K H H D M D L L I C R A A				
PP1 96A D.m [87]	S S S M E Q I R R / I M R P T D V P D D G L L C D L L W S D P D K D						T M G W G E N D R G V S F T T F G A E V V V K F L O K H H D M D L L I C R A A				
PP1 S.p sds21+ [81]	N S L D Q Q I Q R R / I M R P T D V P D D G L L C D L L W S D P E K D						L T G W G E N D R G V S F T T F G A D V V S R F L O K H H D M D L L I C R A A				
PP1 87B D.m [88]	T S M E Q I R R / I M R P T D V P D D G L L C D L L W S D P D K D						T M G W G E N D R G V S F T T F G A E V V V K F L O K H H D M D L L I C R A A				
PP1 beta Rb Rt [82, 87]	Q S M E Q I R R / I M R P T D V P D D G L L C D L L W S D P D K D						V O G W G E N D R G V S F T T F G A D V V S K F L N R H E D L L D L I C R A A				
PP1 m2 M [81]	Q S M E Q O R R / I M R P T D V P D D G L L C D L L W S D P D K D						V Q G W G E N D R G V S F T T F G A D V V V S K F L N R H E D L L D L I C R A A				
PP1 9C D.m [87]	Q G M E Q R R / I M R P T D V P D D G L L C D L L W S D P D K D						A T G W A I N D R G V S F T T F G P D K V E R F F L N K A F D L L Q L I M V C R A A				
PP1 Z.mays [89]	N K L D Q I L N L I N R P T D V P D D T G G L L C D L L W S D P S N E						T K G W G H N D R G V S F T T F G D K V I V R F F L N K A F D L L Q L I M V C R A A				
PPY 55A D.m [90]	R N L D Q I N H I Q R P T D I P D T G E G I M C D L L W A D L N H T						M E S N W S E N D R G V S F T T F G D K V I V R F F L N K A F D L L Q L I M V C R A A				
PP1 T.brucei [91]	T D L D Q I R R / I L R P T D V P D D G L L C D L L W S D P S T N						I E G W A D S D E R G I S C T F G A D K V A E F F L D K N D L D L I C R G A				
PP1 B.napus [77]	D N L N Q I R E I O R P T E I P D S G G L L C D L L W S D P D Q K						P N E W E D N D R G V S F T T F G A D V V V S K F L N K F G F F D D L I C R G A				
PPZ1 S.c [9]	N S M D Q E R R / V V P T D V P D D G L L C D L L W S D P T D S						V T D W S E N D D R G V S F T T F G S K R N V L D F C A K F K F D D L I L R G A				
PPQ S.c [37]	H D M K Q E E K V A R P T D I P D E S G G L V T D L L W S D P D P Q						S N E W E D N E R G V S F T T F G C Y N K V A I N K F G F D D L I L R G A				
PPZ2 S.c [38]	N S M D Q E R R / V S P T D V P D D G L L C D L L W S D P T D S										
PP5 H (1)	V Y L D D I R K I E R N R Q P P D S G P M C D L L W S D P Q P Q										
PPT S.c (2)	A T L S D F K N I D R F A Q P P D R G A F M E L L W A D P Q E										
Conservation	7 6 6 + 6 5 + 6 5 8 9 8 + 7 + 5	8 + + 6 7 6 + 5	6 + 7								

Helix



Beta

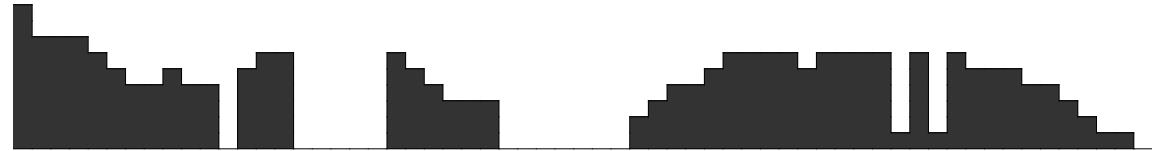


Loop

Helix
Strand
Loop

	300	310	320	330	340	350
PP2B S.c CMP2 [65-66]	H E A Q D A G Y R M Y K N T K T L G F P S L I	L T L F S A P N Y L D T Y N K A A I L K Y E N V M N I R Q F N M T P H P Y W				
PP2B S.c CMPI [65-66]	H E A Q D A G Y R M Y K N T K V T G F P S L I	L T M F S A P N Y L D T Y H N K A A V L K Y E E N V M N I R Q F N M S P H P Y W				
PP2B beta1 H [67]	H E A Q D A G Y R M Y R K S Q T T G F P S L I	T T I F S A P N Y L D V Y N K A A V L K Y E E N N V M N I R Q F N C S P H P Y W				
PP2B beta3 H [68]	H E A Q D A G Y R M Y R K S Q T T G F P S L I	T T I F S A P N Y L D V Y N K A A V L K Y E E N N V M N I R Q F N C S P H P Y W				
PP2B beta2 H [67]	H E A Q D A G Y R M Y R K S Q T T G F P S L I	T T I F S A P N Y L D V Y N K A A V L K Y E E N N V M N I R Q F N C S P H P Y W				
PP2B beta2 Rt [69]	H E A Q D A G Y R M Y R K S Q T T G F P S L I	T T I F S A P N Y L D V Y N K A A V L K Y E E N N V M N I R Q F N C S P H P Y W				
PP2B alpha1 Rt [69]	H E A Q D A G Y R M Y R K S Q T T G F P S L I	T T I F S A P N Y L D V Y N K A A V L K Y E E N N V M N I R Q F N C S P H P Y W				
PP2A S.c PPH22 [70]	H Q L V M E G Y S W S H Q Q N V V T F S A P N Y C Y R C G N Q A A I M E V D E N H N R Q F L Q Y D P S V R					
PP2A S.c PPH21 [70]	H Q L V M E G Y A W S H Q Q N V V T F S A P N Y C Y R C G N Q A A I M E V D E N H N R Q F F L Q Y D P S V R					
PP2A S.p pp4+ [71]	H Q L V M E G F N W A H D G D V V T F S A P N Y C Y R C G N Q A A I L E V D D T M N Q V F F L Q Y D P A P R					
PP2A S.p pp4+ [71]	H Q L V M E G Y N W T T N H N V V T F S A P N Y C Y R C G N Q A A I M G I D D H I N Y A F F L Q Y D T A P R					
PP2A beta Rb [72]	H Q L V M E G Y N W C H D R N V V T I F S A P N Y C Y R C G N Q A A I M E L D D T L K Y S F F L Q Q F D P A P R					
PP2A beta P [73]	H Q L V M E G Y N W C H D R N V V T I F S A P N Y C Y R C G N Q A A I M E L D D T L K Y S F F L Q Q F D P A P R					
PP2A alpha B Rb P [73-75]	H Q L V M E G Y N W C H D R N V V T I F S A P N Y C Y R C G N Q A A I M E L D D T L K F S F F L Q Q F D P A P R					
PP2A 28d D.m [76]	H Q L V M E G Y N W C H D R N V V T I F S A P N Y C Y R C G N Q A A I M E L D D S L N H T F F J Q F F E D P A P R					
PP2A B.napus [77]	H Q L V M E M D G Y N W A H E E A K G G T I F S A P N Y C Y R C G N Q A A I L E V D D C R N H T F F J Q F F E D P A P R					
SIT4 S.c [12]	H Q L V M E M D G F Y K Y H F P E K D V V T V W S A P N Y C Y R C G N Q A A I L E V D D D E D L E P T F F J Q F F E A V P D					
PP4 (PPX) H [78]	H Q L V M E M E G Y K W H F N E T V L T V W S A P N Y C Y R C G N Q A A I L E L D D E H L O K D F I I F E A A P Q					
PP4 (PPX) Rb [41]	H Q L V M E M E G Y K W H F N E T V L T V W S A P N Y C Y R C G N Q A A I L E L D D E H L O K D F I I F E A A P Q					
PP4 D.m [79]	H Q L V M E M E G Y K W H F N E T V L T V W S A P N Y C Y R C G N Q A A I L E L D D E H L H R D F F V I F E A A P Q					
PPV D.m [9]	H Q L V N M E G I K Y M F D G K L V T V W S A P N Y C Y R C G N Q A A I L S F E E T A E K R Q O T K I F F L A V P D					
PPH3 S.c [80]	H Q L V M E G Y K E I F D G L V T V W S A P N Y C Y R C G N Q A A V A L K I D D D L N R E Q Y T F E A V Q A					
PP1 S. DIS2 [81]	H Q V V E D G Y E F F F S R K Q L V T L F S A P N Y C v E F D N A G A M M S V D E S L L L C S F Q I L K P A Q K					
PP1 gamma Rt [82]	H Q V V E D G Y E F F F A K R Q L V T L F S A P N Y C g E F D N A G A M M S V D E T L L M C S F Q I L K P A E K					
PP1 m1 M [81]	H Q V V E D G Y E F F F A K R Q L V T L F S A P N Y C g E F D N A G A M M S V D E T L L M C S S F Q I L K P A E K					
PP1 A.nidulans [83]	H Q V V E D G Y E F F F S S k R Q L V T L F S A P N Y C g E F D N A G A M M S V D E S L L M C S S F Q I L K P A E K					
PP1 S.p dis2+ [81]	H Q V V E D G Y E F F F S S k R Q L V T L F S A P N Y C g E F D N A G A M M S V D E S L L M C S S F Q I L K P A E K					
PP1 13C D.m [84]	H Q V V E D G Y E F F F A k R Q L V T L F S A P N Y C g E F D N A G A M M S V D E S L L M C S S F Q I L K P A E K					
PP1 alpha Rb [85]	H Q V V E D G Y E F F F A k R Q L V T L F S A P N Y C g E F D N A G A M M S V D E S L L M C S S F Q I L K P A E K					
PP1 A.thialana [86]	H Q V V E D G Y E F F F A E R Q L V T L F S A P N Y C g E F D N A G A M M S V D E S L L M C S S F Q I L K P P S D K					
PP1 96A D.m [87]	H Q V V E D G Y E F F F A E R Q L V T L F S A P N Y C g E F D N A G A M M S V D D T L L M C C S S F Q I L K P A D K					
PP1 S.p sds21+ [81]	H Q V V E D G Y E F F F G k R Q L V T L F S A P N Y C g E F D N A G A M M S V D E D L L M C C S S F Q I L K P A E K					
PP1 87B D.m [88]	H Q V V E D G Y E F F F A k R Q L V T L F S A P N Y C g E F D N A G A M M S V D D T L L M C C S S F Q I L K P A D K					
PP1 beta Rb Rt [82, 87]	H Q V V E D G Y E F F F A k R Q L V T L F S A P N Y C g E F D N A G A M M S V D E T L L M C C S S F Q I L K P S E K					
PP1 m2 M [81]	H Q V V E D G Y E F F F A k R Q L V T L F S A P N Y C g E F D N A G A M M S V D E T L L M C C S S F Q I L K P S E K					
PP1 9C D.m [87]	H Q V V E D G Y E F F F A R R Q L V T L F S A P N Y C g E F D N A G G M M T V D D T L L M C C S S F Q I L K P S E K					
PP1 Z.mays [89]	H Q V V E D G Y E F F F A S R Q L V T L F S A P N Y C g E F D N A G G M M S V D D T L L M C C S S F Q I L K P A R K					
PPY 55A D.m [90]	H E V V E D G Y E F F F A N R Q L V T L F S A P N Y C g E F D N A G G V M S V S T D L L I C S S F V I I I L P C H K					
PP1 T.brucei [91]	H Q V V E D G A Y E F F F A A R Q L V T L F S A P N Y C g E F D N A G A F M C V S T D L L I C S S F F V V Q I E P T R T					
PP1 B.napus [77]	H Q V V E D G Y E F F F A k R R L V T I F S A P N Y C g E F D N A G A L L L S V D E S L L V C S F E I M K P A K A					
PPZ1 S.c [9]	H M V V E D G Y E F F F A N D R L V T I F S A P N Y C g E F D N A G A V V M S V S E G D L L M C C S F E L L L K P L D S					
PPQ S.c [37]	H M V V E D G Y E F F F A R K R S S L V T I F S A P N Y C g E F D N A G A V V M S V T T G M L M C C S F E L L L K P R A L					
PPZ2 S.c [38]	H M V V E D G Y E F F F N D R S S L V T I F S A P N Y C g E F D N A G A V V M S V S E G L M C C S F E L L L K P L D S					
PP5 H (1)	H E V K A E G Y E V A H G G R C V I F S A P N Y C D Q M G N K A S Y I H L o G S D R P Q F H Q F T A V P H					
PPT S.c (2)	H E L R M G V Q F E Q K G K L M T V F S A P N Y C D S Q G N L G G V I H V P G H G I L Q A G R N D D O N L					
Conservation	+ 5 6 + 5 + 5 + 7 8 + + + + 6 5 + 9 7 5 8 5 5					

Helix



Beta



Loop

Helix
Strand
Loop