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UniRef90_H8MS45 UniRef90_K9PQ64 UniRef90_L7EPB6 UniRef90_UPI0002F2D374	Y D L F H E V F D R N S I D D K G L R L D S T V H Y G V K Y D N A F WN G D Q M
UniRef90_K9WTU3 UniRef90_UPI00018506CC UniRef90_V4KIR7	WDYYKEVYGRSGIRGDGQAAYSRVHYGNSYVNAFWSDSCF YDLFYDVFERNSIDDKGLRLDSTVHFGVNYDNAFWNGDQM YDYYLNKHGRNSYDGNGATIRSTVHYSSNYNNAFWNGSQM WDYYEQVHGRSGIKGDGVGAYSRVHYGDNYVNAFWTDSCF WDYYKNVHGRSGIRGDGVGAYSRVHYGNNYVNAFWDDSCF
UniRef90_L8ERA2 UniRef90_J1RTA4 UniRef90_Q82P96	WD Y Y K N V H G R S G I K G D G V G A Y S R <u>V </u> H Y G N S Y V N A F WD D G <mark>C</mark> F WD Y Y K D V F G R N G I R N D G V A A Y S R A H Y G N A Y V N A F WS D T C F
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UniRef90_L7WPC8 UniRef90_N2J7N5 UniRef90_G0PSR7	Y D Y Y K N K F G R E S Y D D K G S P I D S L T H V N Q N R N N A A W L G D K M F D F F Y O V L G R N S L D N R G L P I S G T V H Y G O D Y O N A F W N G F O M
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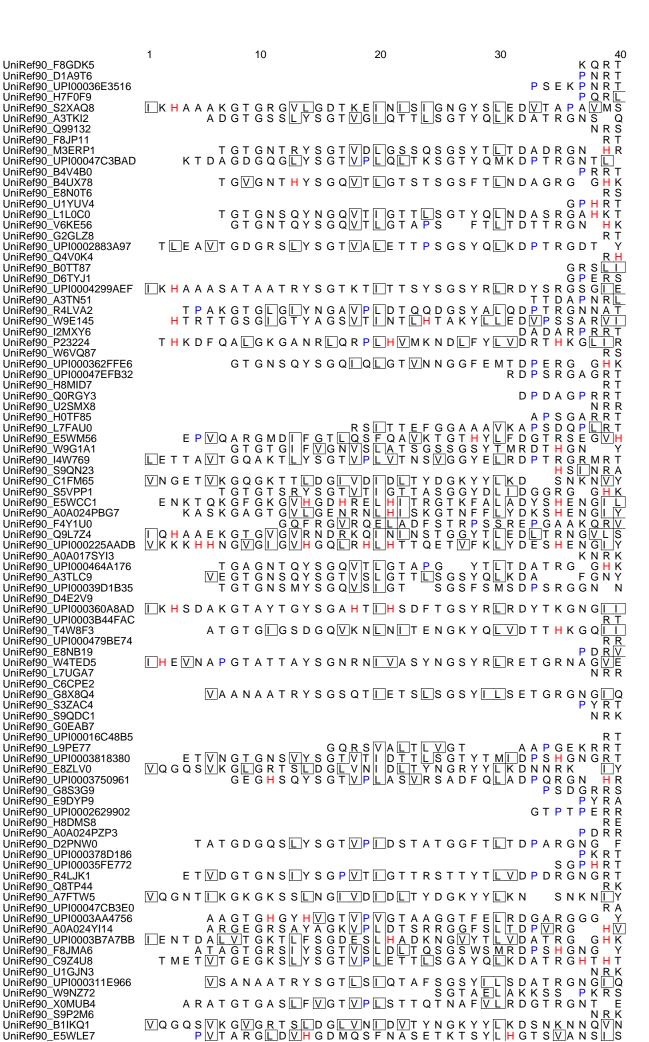
QUERY	130 140 150 160 VYGDGDGQTFLPLSGGIDVVAHELTHAVTDYTAGLIYQNE
UniRef90_I8UAN6 UniRef90_V6TAE3 UniRef90_M7NCA9	180 180 181 182 1830 1840 1850 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860 1860
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UniRef90_UPI00036874F9 UniRef90_UPI00046F14DA UniRef90_UPI0002887217	VYGDGDGTTFLPLSGDLDVIGHELTHGVTENTANLEYYGQ AYGDGDGNLFRTFSGDLDVIGHELTHGVTEHSAGLIYQGE VYGDGDGAKFKPLSGSLDIVAHEMTHAVTQYSAGLLYQGE
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UniRef90_R8GY83 UniRef90_UPI0003730B2B UniRef90_UPI000366D9C9	C M T Y G D G D G S (S) G P L V S G E E M T H G V T S A T A A A L R Y Y C N Q L V Y G D G D G V N A S E S G A N D V L A H E L T H A V T E K T A D L V Y E N R E L Y A G D G D G V N F S E F S G A N D V L A H E L T H A V T E K T A D L V Y E N G E C M T Y G D G D G V N F S E F S G A N D V L A G H E M T H G V T S A T A A N L E Y S A G E C M T Y G D G D G C N K N P L T T S L D V A G H E M S H G L T S A T A A N L E Y S A G E C M T Y G D G D G C N K N P L T T S L D V A G H E M S H G L T S A T A A C L L Y Y S G E C M T Y G D G D G C N K N P L T T A L D V A G A H E M S H G L T S A T A A G L L Y Y S G E C M T Y G D G D G C N K N P L T T A L D V A G A H E M S H G L T S A T A C L L Y Y S G E C M T Y G D G D G C N K N P L T T A L D V A G A H E M T H G L T T S A T A C L L Y Y S G E C M T Y G D G D G C N S A C L D V A G A H E M T H G L T T S A T A C L L Y Y S G E C M T Y G D G D G C C N T Y G D C S G N N H P L T T L D L V A G A H E M T H G L T T S A T A C L L Y Y S G E C M T Y G D G D G C C N T Y G D C S G N N H P L T T L D L L A A H E M T H G L T T S A T A C L L Y Y S G E C M T Y G D C S G N N T F T K S L D L D V A G H E M T H G L T T S A T A G L L Y Y S G E C M T Y G D C S G N L F R K A L L T T S L D L D V A G H E M T H G L T T S A T A G L L T Y Y S G E C M T Y G D C S G N L F R K A L L T T S L D L D V A G H E M T H G L T T S A T A G L L T Y Y S G E C M T Y G D C S G N L F R K A L L T T S L D L D V A G H E M T H G L T T S A T A G L L T Y Y S G E C M T Y G D C S G N L F R T K S L D L D V A G H E M T H G L T T S L T T T T T T T T T T T T T T T
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DUENTS BULLMAR S G A 1 N E A 1 S D		170 180 190 200
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UniRef90_UPI00018506CC	UniRef90_U1MXU0 UniRef90_U4WUX1	S G A I N E A V S D I F G T <u> V A</u> E Y S <u> V G</u> S N F D W <u> L V G E D I Y T P D I A G D</u> S G A L N E S I S D I F G A M V D
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UniRef90_UPI00018506CC	UniRef90_V9WB82	PGALNESISDIMGNSIKN KGWLIGEDV SVKGE
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UniRef90_UPI00018506CC	UniRef90_U4R0L2	S G A I S E A L S D L F G T L V E Y Y D N N N P D W L M G E D I Y T P S T Q G D
UniRef90_UPI00018506CC	UniRef90_C3FCZ2	S G A L N E S L S D L F G V M V D R D D WE T G E D I Y T P D I S G D
UniRef90_UPI00018506CC	UniRef90_UPI000413F8B5 UniRef90_A0A033UY14	PGALNESMSDVFGYFVD PEDWLMGEDVYTPGVSGD
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UniRef90_UPI00018506CC	UniRef90_M1N1U8	S G A L N E S I S D V F G V L I E T Y D K Y N S D W V V G D K V Y T P K I A G D
UniRef90_UPI00018506CC	UniRef90_A7GUL3	S G A L N E S L S D I M G V M V E K K N W D I G A D I Y T P D L E G D
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UniRef90_UPI00018506CC	UniRef90_S2Z4C3 UniRef90_F8CG36	S G G L N E A T S D I L G T L V E WH A N N P S D Y L I G E K I V R S G F G A K S G G L N E A M S D I M G A G L F W Y A S O K N N W T V G F T A W T P G D P T D
UniRef90_UPI00018506CC	UniRef90_UPI000363B831	S G A L N E S F S D I F G Q S V E F T S P E T A S W N L G D Q V Y V N G T S M
UniRef90_UPI00018506CC	UniRef90_N1NTP9	S G G L N E A T S D I F G T A V E F Y A N N K T D Y L I G E K I N L Y G D G K
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UniRef90_UPI00018506CC	UniRef90_S9PNW9 UniRef90_F0KCT4	S G G L N E S F S D I
UniRef90_UPI00018506CC	UniRef90_UPI0003FEFD70	S G A L N E S L S D L M G A M V E R K N W D V G E E V S V S G K
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UniRef90_W9AQA8 UniRef90_F8FCS7 SGALNESWSDAMAAAIENR NWLIGEDIWTPGVPGD UniRef90_L7WPC8 UniRef90_OPSR7 UniRef90_G0PSR7 UniRef90_C3CBW9 UniRef90_W7YBF4 UniRef90_UP10003730B2B UniRef90_UP10003730B2B UniRef90_UP10003730B2B UniRef90_UP10003730B2B UniRef90_UP1000366D9C9 UniRef90_UP10003730B2B UNIREF90_UP100037730B2B UNIREF90	UniRef90_S9N1F3 UniRef90_K8RHS0	A GALINE SUSDIVE GS WVE YYAASASDYLI IGE KII YY PSKS GD A GALINE SUSDIVE GS LI K QYAHK QAD WLI IGE GL LAK GVN GV
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UniRef90_UPl0003730B2B	UniRef90_W7YBF4 UniRef90_R8GY83	S G A L N E S F S D V F G S L V K Q R V K K Q A D W L I G E G L F I S N V N G V S G A L N E A L S D L F G T <u>E H</u> E Y Y S K Q P N D W D L G E D I Y K D G K T L
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HEID-100 NAMODO O O O O NE A TO DIVE O TANVE E VA DAVI O DIVI TO E VILL	UniRef90_E6SDVV5 UniRef90_C5QNI8	S G A L N E S F S D V F G Y F V D N D D F L M G E D V Y T P D R D G D
UNIKET9U_N1NSK2	UniRef90_N1NSR2 UniRef90_M9U2V1	SGG L NEAISD I FGIA V EFYARNKGDY LI GEK L GK SGG L NEATSD I FGAG V EFYADNSTDY LV GEK V D _N SNGS

QUERY UniRef90_I8UAN6 UniRef90_V6TAE3	S L R A L R A L R	R S M S D P A I R S M R D P A I R S M S D P T I	210 (220 HYSKR HYSKR HYSVR) Y T G T Q D N Y T G S S D N Y T G T S D N	230 G G V H I N G G V H I N	240 S G I I N K A S G I I N K Q S G I I N K A
UniRef90_M7NCA9 UniRef90_A6CTU8 UniRef90_I8ALL9 UniRef90_L5MN88	A L R A L R A L R G L R	R S M S D P A I R S M S D P T I R S M S D P T I R S M S D P T I R S S M S D P A I R S S M S D P A I R S S M S D P A I R S S M S D P A I R S S M S D P A I R S S M S D P A I R S S M S D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S M S D D P A I R S S S S S S S S S S S S S S S S S S	A G D P D M Q K D P D K Y G Y P D) H Y S K R \) H Y S V R \) D Y T K R \) H Y S K R \	Y T G T Q D N Y T G T G D N Y K G S E D N Y T G S O D N	G G V H I N G G V H K N	SGI GNKM SGI GNKA SSI INKA SGI NNKA
UniRef90_R8GJ06 UniRef90_W8YSP9 UniRef90_UPI000470041I UniRef90_U1MXU0	A L R A L R D A L R G L R	R S M S N P T I R S M S N P T I R S L A N P T I	Y Y Q P D Y G Q P D Y G Q P D	HYSNR NYANR KYSDR NHYSWR	Y V G S A D N Y T G S S D N Y T G S D D N	G G V H I N G G V H T N	SGIINKS SGITNKA SGINNKA SGIVNKA
UniRef90_U4WUX1 UniRef90_F5LP56 UniRef90_UPI00036874F9 UniRef90_UPI00046F14D	A L R A I R 9 A L R	R S L S D P A I R S L S N P E (R Y M D N P E I	YNHPD QFNQPN (GDQPS	H M S K K Y H H Y S K R Y S H M D D F N	Y T G T K D N Y T G T S D N V N T S A D N	G G V H T N	SGINNKA SGINNKA SGIPNKS SGINNKA
UniRef90_UPI0002887211 UniRef90_V9WB82 UniRef90_A0A015NDM6 UniRef90_F8FGY4	7 A L R A F R A L R	RSLADPSI RSMQDPTI RSMSDPTI	Q G N P D R Y D Q P D C Y G D P D	HYSNR SYEDL HYSKR	Y T G T E D Y Y T G P F D N Y T G S S D N	G G V H I N	SSI HNKA SGI NNKA SGI INKQ SGI NNKA
UniRef90_Q75NT6 UniRef90_E0RBT4 UniRef90_U4R0L2 UniRef90_A0A017RXG9	A L R A I R A I R	R S L S N P S I R S L S D P V I R S I A N P T I	(Y G Q P E (Y G Q V D _ Y G D P D	H M N N Y N O H Y S N L N O H Y S N R N	VNTSSDN YPDNEDF YTGTSDY	G G V H T N G G A H I N G G V H T N	SGI PNKA SGI INKA SGI INKA
UniRef90_C3FCZ2 UniRef90_UPl000413F8B UniRef90_A0A033UY14 UniRef90_I8UFI7	A L R A M R 5 G L R G L R	RSLSDPS RSLSNPP(RSLSNPE(RNLQKPAI	F E G Y P D Q Y R Q P D Q Y N Q P A	HYRIY HMRNY HMNNY	YSTPFDN VYTSDDN NTEQGDY	G G V H I N G G V H I N	S G I P N K A S G I P N K A S G I P N K A
UniRef90_Q097M4 UniRef90_M1N1U8 UniRef90_I0JJJ1	AILIR	RYMHKPSI RSLANPTI RSLKDPSO RSLKDPA	D G K S P D G K S P D Q P D Q R G Y P D	D C O N M S N Y N O H Y S E L	V	G G V H T N G G V H T N	S G I G N H F S G I P N K A S S I N N K A
UniRef90_A7GUL3 UniRef90_D9XHF9 UniRef90_I8J1Q4 UniRef90_S2Z4C3	P L R G L R A L R	RNIQNPTI	A G Q P D	N M S K Y [N D Y W S S S	NTTADD	GGVHTN	S G V A N H F
UniRef90_F8CG36 UniRef90_UPI000363B83 UniRef90_K9AKI3 UniRef90_N1NTP9	A I R	R S M S N P K S R S M S N P R O	S Q G D P D Q F N Q P D K D G K S K	TYKGN TYKGN DHMDMY (DSWYS)	Y W W N G N O N O O O O O O O O O O O O O O O	AVHTN GGVHIN	S G I A N N A S G V M N Y W S G I P N K A S G P A N H F
UniRef90_C2X5C6 UniRef90_K0EFJ2 UniRef90_S9PNW9 UniRef90_URICO03EEED3	A L R G L R A L R A L R 70 P L R	RSLSNPNC RYMDEPTI RSLANPT[RSMSDPA	Q Y G Q P D	OSMDEYN ODHYSN ONMNNY	Q I DE G D N V N Q Q N D W Y P K Q V N T S D D N	/G G V H T N !T E V H G S ! G G V H T N	S G P A N H F S G I P N K A S G I P N K A S G I A N N A S G I P N K A
UniRef90_UPI0003FEFD7 UniRef90_J8MNI3 UniRef90_K9RLE3 UniRef90_S2YJW6	A I R	R	SILIR Y P D K D P Q P A K D G G S A)	FIGSEDS YTGTKDN GVG N	G G V H V N G G V H I N	SSIINKA SGIPNRA SGVANHF
UniRef90_D9X7U7 UniRef90_T0PG85 UniRef90_UPI000288C9D UniRef90_R8G9D0 UniRef90_D9WD06	A L R A L R 5 A L R V L R P L R	R F M D K P S I R D I S D P T I R S L S N P A I R S M S N P A I R Y M D K P S I R WM D E P S I	(H M N N Y N H M D Q Y N O H Y S K L	VNTTQDN NTSAGDW YNGSEDA	G G V H T N G G V H T N	S G V G N H F S G I P N K A S G I P N K A S S I I N K A S G I A N H F
UniRef90_U9I0002D43A7 UniRef90_W5W954 UniRef90_H8MS45 UniRef90_K9PQ64	P L R	RYMDKPSI RYMNDPT9	K D G A S A S D G Y S I	DNYKN) DNW	SSIVGN YPK M	K D V H Y S	S G I A N H F S G V A N H F S G I A N N A S G I P N Y A
UniRef90_L7EPB6 UniRef90_UPI0002F2D37 UniRef90_K9WTU3 UniRef90_UPI00018506C	A L R 4 P L R G I R	R Y M D Q P S I R Y M D K P S I R S L K A P G I	< D T K S A R D G A S K < D P Q P A	AN <mark>C</mark> WSSA ADYWYSO AHMKDKA	AVGSLD GIG N FLGEEDN	V H Y S S D V H Y S G G V H I N	S G V A N H F S G P A N H W S G I P N H A S G I P N K A
UniRef90_UF100016506C UniRef90_V4KIR7 UniRef90_L8ERA2 UniRef90_J1RTA4 UniRef90_Q82P96	P L R	R H M D E P S I R Y M D K P S I	<pre></pre>	DYWYS(WYDGIGN GIGGVD	VDVHYS VHYS	S G V A N H F S G V A N H F
UniRef90_Q82JG0 UniRef90_UPI0001E89FD UniRef90_X0NZ45 UniRef90_D7CEA5	PLR CALR ALR PLR	R Y M D K P S I R S M S D P G S R S M K A P G I R Y <u>M</u> D K P S I	(DSW HYDKRY TMAGY TDSWYS	SSSVGN YLGELDR VQTSEDN	LDVHYS GGVHLN GGVHLN	S G P A N H F S G V A N H F S S I N N K A S G I P N H A S G V A N H F
UniRef90_UPI00034A97E UniRef90_UPI0002E4117: UniRef90_F0KAN7 UniRef90_P81177	8 ALR 4 ALR ALR	R S L K N P E I R S L <u>S</u> N P T I R S I V N P A I	Y N Q P A Y N Q P A Y D Q P D	\	Q	G G V H T N /G G V H T N G G V H T N	S G I P N K A S G I P N K A S G I T N K A
UniRef90_I6ZCV9 UniRef90_S9NTF3 UniRef90_K8RHS0 UniRef90_W9AQA8	AILIR	R S M S N P E C R S M A N P G I R Y M A N P S C R S M K N P G I R S M E D P T I	(D P Q P A	OMSEYN	VIRTTQDN	G GIVIHII IN	SGILIPNKA
UniRef90_F8FCS7 UniRef90_Q46237 UniRef90_L7WPC8 UniRef90_N2J7N5	A II IR	RYMDQPEI RSLANPTI RSMSNPEI RSMAEPGI	GDQPG	3 H M R D Y \	YYANDDN	I G GIVI <mark>H</mark> T N	SGIIPNKA
UniRef90_G0PSR7 UniRef90_C3CBW9 UniRef90_W7YBF4 UniRef90_R8GY83	A L R A L R G I R	R	(\	E	G G V H L N G G V H I N G G V H V N	S G I P N R A S G I P N K A S G I P N K A
UniRef90_UPI0003730B2 UniRef90_UPI000366D9C UniRef90_L8P9D2 UniRef90_L7UDX4	B ALR 9 PLR ALR	R S M K A P G I R Y M D E P S I R Y M D K P S I	〈DPQPA 〈DG 〈DGSS∏	\TMDGF∐ GSADY\ ZDCWSA3	∐K T G R D N W D S S V G N r T A A I D	G G V H L N L D V H Y S V H Y S	S G V G N H F
UniRef90_I0JQX1 UniRef90_E6SDW5 UniRef90_C5QNI8 UniRef90_N1NSR2	A L R	R S L S N P S I R D M R K P G I R S M S D P E I R Y M D K P S I	K D P Q P A E Y G Q P S	\	V V T D S D F V N T S S D N	G G V H L N G G V H T N	S G I P N R A S S I I N H A S G I P N R A S G I P N K A S G V A N H F
UniRef90_M9U2V1	PLR	RYMDKPSI	K D G N S V	DSWYS	GLG N	LDVHYS	SGPANHM

QUERY	A YLIS QGGTHY GVSVVGIGRD KLGKIFYR ALT QYLTPTS	
UniRef90_I8UAN6 UniRef90_V6TAE3 UniRef90_M7NCA9 UniRef90_A6CTU8	A Y L L A V G G T F S G V T V S G I G N D K L G A I Y Y R A N T V Y L T S N A A Y L L S E G G T H Y G V S V P G V G T D K M G A I F Y R A N T V Y F T S S T A Y L L A N G G T H Y G V K V N G V G N D K V G K I M Y R T L T Q Y L T P T S A Y L L S E G G T H Y G V T V T G I G K T K M G A I Y Y R A L T Q Y L T P S S	
UniRef90_I8ALL9 UniRef90_L5MN88 UniRef90_R8GJ06	A Y L I A A G G K F N D V D V K G V G N D K L G A I F Y K A N T S Y L T S S S A Y L L A E G G T H Y G V N V N G I G R E D T A K I Y Y H A L T H Y L T P Y S M Y I I A F G G T H S G I T V P G I S L Y K V G O I Y Y R A N T M Y F T O S T	
UniRef90_W8YSP9 UniRef90_UPI000470041D UniRef90_U1MXU0 UniRef90_U4WUX1	A Y L L A S G G S H Y G V S V Q G I G V M E M G D I Y Y R A L I V Y L I P I S	D N N
UniRef90_F5LP56 UniRef90_UPI00036874F9 UniRef90_UPI00046F14DA UniRef90_UPI0002887217	F Y L L A Q G G T F D G V K V T G I G R S Q A L Q I V Y R A L N Y Y L T S T S F Y L L A E G G <u>T H</u> Y G V T V K G I G R S D <u>A</u> A K I M Y K T L T <u>L L</u> Y L T P T S	S N S D S N S D
UniRef90_V9WB82 UniRef90_A0A015NDM6 UniRef90_F8FGY4	A YIL LANGGIAY GIVIVINGI GKDKLLGAI IYYRANI QYFI QSI A YIL LA O G G T H Y GIVISIV O GIL G R F K T G KILIYYR A ITT VIYLT P S S	N T S N
UniRef90_Q75NT6 UniRef90_E0RBT4 UniRef90_U4R0L2 UniRef90_A0A017RXG9	A Y N Y Y L L A Q G G T F H G V K V D G II G R D A A W Y I Y Y N A F T N Y L T S T S A Y I L A N G G T H Y G V T V N G II G N F K II G N II F Y R A II V Y Y I T S N F	T
UniRef90_C3FCZ2 UniRef90_UPl000413F8B5 UniRef90_A0A033UY14 UniRef90_I8UFI7	A Y L V S E G G W H Y G V E V N G V G R E A T E K I Y Y R A L T K Y L T A K S A Y N T I T A I G V S K A E K I Y Y R A L T Q Y L T P T S A Y L T I N K L G K E K S E D I Y Y R A L T Q Y L S S N S	S N S N S S
UniRef90_Q097M4 UniRef90_M1N1U8 UniRef90_I0JJJ1	F Y L L A Q G P T <mark>C</mark> N G <u>L A V T</u> G II	K D D
UniRef90_A7GUL3 UniRef90_D9XHF9 UniRef90_I8J1Q4 UniRef90_S2Z4C3	FYLLSEGPISNGSIVIGIIGRIKALIQIIWYKALIIIYMISII AYLL AYLLIAEGPTANGKSVITGIIGROKEGOIIWYRALITVIYMTSST	N D - K - N - D
UniRef90_F8CG36 UniRef90_UPI000363B831 UniRef90_K9AKI3	F Y L L T N G G T N R T S G V D A II G M E K G L K II Y Y R A L A H Y M T P S T Y Y L L V E G G T G T N Y E V N G II G L N D A Q Q II A Y R N L T V Y L T E N S A Y N T II N E II G K E K S E K II Y Y R A L T Q Y L T G N S	T Q Q
UniRef90_N1NTP9 UniRef90_C2X5C6 UniRef90_K0EFJ2 UniRef90_S9PNW9	A Y L T I T S I G K E K A E K I Y Y R A L T T Y L T E K S A Y Y T I S S L G L Q K S E Q I Y Y R A L T V Y L T P N S F Y L V T E G G K N R T S G L G G I G M D K S Q K I F G R A L T T Y M T P N T	N S D S D T
UniRef90_F0KCT4 UniRef90_UPI0003FEFD70 UniRef90_J8MNI3 UniRef90_K9RLE3		
UniRef90_S2YJW6 UniRef90_D9X7U7 UniRef90_T0PG85	A Y L L A E G P T <mark>C</mark> D G S T <u>V Q</u> G II G R A K <u>L </u> G K II W Y R A L T <u>V Y</u> M T S S T C Y L I	N
UniRef90_UPl000288C9D5 UniRef90_R8G9D0 UniRef90_D9WD06 UniRef90_UPl0002D43A7B	S Y L L A N G G T H Y G V T V K G I G R E K V G K I Y Y L A N T E L F T Q N M F Y L L A <u>E G P</u> T K D G R <u>V</u> V K G I G <u>R</u> A K A E K I W Y K A L A T Y M T S T T	1 G · N
UniRef90_W5W954 UniRef90_H8MS45 UniRef90_K9PQ64 UniRef90_L7EPB6	FYLLIAEGPTADGSTVTGII GRDKAAAII WFRALITTKFTSTT FFLLTEGGKNKTSGII DGLIGMEKSGKVFGRALITTYMTPQT FYLAA	N S E
UniRef90_UPI0002F2D374 UniRef90_K9WTU3 UniRef90_UPI00018506CC	F Y L L S E G P T S D G L P V T G L G R E K A A L I W Y K A L T T K F T S T T F Y II A A V F II G G Y A W F K A G K II W Y V S II R D R II R D K S	N
UniRef90_V4KIR7 UniRef90_L8ERA2 UniRef90_J1RTA4 UniRef90_Q82P96	YTIQSIGAAKAEKIYYRALTNYLTPYS FYLLSEGPTSDGEPVTGIGIEKAEQIWFKALTQYMTSTT FYLLAEGPTYDNLPVPGIGRSNAEKIWFSALTKYMNANT FYLLSEGPTFDNLPVPGIGRANAEKVWFKALSQYMSANT FYLLSEGPTSDGKAVTGIGIENAQRIWYRALTTYMTSTT FYLLSEGPTSNGSTVTGIGRAKALQIWYKALTTYFTSTT	N
UniRef90_Q82JG0 UniRef90_UPI0001E89FDC UniRef90_X0NZ45 UniRef90_D7CEA5	AQLIIIDGGIHYG <u>WIVNGIIG</u> KARIEKIIFYRALIILYLIIPSS SALGGKAWERAGQIIWYD <u>V</u> LTG <mark>HL</mark> TKNA FYLLSEGPTADGSKVEGIGRDKAEKIIWYKALITTYMTSTT	G V Q
UniRef90_UPI00034A97E8 UniRef90_UPI0002E41174 UniRef90_F0KAN7	A Y L T L T D L G K D K A E Q I Y Y L A L T E Y L T P N A F Y L A A T S L N D N N K M A Q I Y Y R A L T S Y L T Q Y S A Y L I A Q S I G M E K T A R I Y Y R A L V N Y M T P T T	Q G Q D
UniRef90_P81177 UniRef90_I6ZCV9 UniRef90_S9NTF3 UniRef90_K8RHS0	F Y L L A M A L G G H A WE K A G R I WY D T L C D R L A N D A F Y I L A F G S T G N G S T I S G G G R S A A F K I WY R A I T V Y M T S S T	. D
UniRef90_W9AQA8 UniRef90_F8FCS7 UniRef90_Q46237 UniRef90_L7WPC8	FYHFATALG SRVNAGKI WYSASLNYMAPNT AYNUA STUGCEKTARI VYRATTOYENSTT	. D
UniRef90_N2J7N5 UniRef90_G0PSR7 UniRef90_C3CBW9	F Y L A A T G	. D . D . D
UniRef90_W7YBF4 UniRef90_R8GY83 UniRef90_UPI0003730B2B UniRef90_UPI000366D9C9	S Y L L A N G G T H Y G V T V K G I	G L D
UniRef90_L8P9D2 UniRef90_L7UDX4 UniRef90_I0JQX1 UniRef90_E6SDW5	A YIL LIA E G P T C D G S S V T G II G R A K L G K II WY R A IL T V Y M T S S T F Y L V A M N L G G R A WE R A G R I WY E S L R D R I V P D S A Y I T G F O II G K D K II G O II V Y R A II T V Y II T P D S	N S D
UniRef90_C5QNI8 UniRef90_N1NSR2 UniRef90_M9U2V1	FVLAA LAMGGHAWEEAGAI WHAALTDGI RADCAYN TIRSIGKDKAQQI YYRALTDYLSSNSFYLLAEGPTWGGIKVNGI GRGAAEKL WYKALTVYMTTNTFYLLSEGPTADSVAVTGLGRDAALKI WYKALTTYMTSST	D D N

	290 300 310
QUERY	F S QLR A A A V Q S A T DLY G S T S Q E V A S V K Q A F D A V G V K
UniRef90_I8UAN6 UniRef90_V6TAE3	F S Q A R Q A L I K A A S D L Y G A S S A E V T A V N K S F D A V G V K F S Q A R A G L V Q A A K D L Y G S A S A E V N A V N K A F D A V G V
UniRef90_M7NCA9	Y S H F R A S A IV IR A A T DIL IY G S S S A F IV IA S IV IK O A F S A IV IGIV I
UniRef90_A6CTU8	Y S HILIR A T AIVIQ S A T DILIY G A G S S EIVIA NIVIN A A F D AIVIGIVI
UniRef90_I8ALL9 UniRef90_L5MN88	F \$ Q A R Q A V V Q A A S D L Y G A D \$ Q E V K T V N A A F D A V K V K F S A M R <u>R</u> A <u>A</u> I Q S A T D L F G A S S K Q V K S V Q A A Y D A V G V K
UniRef90_R8GJ06	FSQARIVIAILLIQAAADILIFGQNSTFIVIDAIVIKKSFDAIVIGIVI
UniRef90_W8YSP9	F A A A K N A S II Q A A K D L Y G T G S S Y V T S V T N A F R A V G L
UniRef90_UPI000470041D UniRef90_U1MXU0	F S A A R T A V I Q S A T E L F G A G S A Q V T A V T Q A Y N A V G V F S S L R Q A V V Q S A K D L H G A T S T Q A V A A A K S F D A V G I
UniRef90_U4WUX1	FAQMRQAAII INAAT DIL IYGAD SAEIV IQAIV IKDAY KAIV IGII
UniRef90_F5LP56	F S N I R A A A V Q S A V D L Y G A G S A E A V S V G K A Y D A V G V
UniRef90_UPI00036874F9 UniRef90_UPI00046F14DA	F S D Y R S A M I
UniRef90_UPI0002887217	F S M M R Q A A I E A A K D L Y G E G S K Q S A S V E K A Y D A V G I Q
UniRef90_V9WB82	F S T M R IV IA A II IQ A A K D IL IF G D D S N E A K S IV IN K A Y D A IV IG IV IQ
UniRef90_A0A015NDM6 UniRef90_F8FGY4	F \$ Q A R A G A V Q A A A D L Y G A N \$ A E V A A V K Q S F S A V G I F R N M R Q A A I Q A A T D L Y G S T S A E A A S V K A A Y T A V G I
UniRef90_Q75NT6	FSYARAAL LQSAADLYGSGSSTYNSVKAAWDAVGV
UniRef90_E0RBT4 UniRef90_U4R0L2	FSYARAALLQSAADLYGSGSSTYNSVKAAWDAVGV FSTARAAVIQAAKDSYGENSLAVTSALKSFDAVGVR FSNLKAHAAQAAADLYGTSSTEVQTVNAAFNAVGV
UniRef90_A0A017RXG9	FKAAKEALIQSAVDLYGVNSVEANAVKAAFEAVGI
UniRef90_C3FCZ2	FKMMRQAAII QAAED L YGKNSKE V QA V SKAYDA V G I E
UniRef90_UPI000413F8B5 UniRef90_A0A033UY14	
UniRef90_I8UFI7	FUDAKFAL KQAASDLYGANSTEVQQVVNAWNSVGV FSGARAAL LSATADLFGKDGTEYNAVKTAWSNVGV YAAARTATLNAAKDLYGATSTEYNTVNAAWAAVNVK FSGAKDALAQAATDLYGSNSSEVNSI DSAFAVVGI FSMMRQAAI QSAVDLYGENSMEVSAVMQAYDAVGVE
UniRef90_Q097M4	Y A A A R T A TL N A A K D L Y G A T S T E Y N T V N A A WA A V N V K
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UniRef90_A7GUL3	F K M M R Q A AIL IQ S A E DIL IY G E N S K AIV IQ AIV ID K A Y E SIV IGIV IK
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UNINGRIGO PLATON F. D. Y. L. A. Y. G. R. N. B. S. G. D. B. N. S. V. Y. G. N. N. N. N. N. G. D. D. D. D. D. D. D	UniRef90_H7F0F9 UniRef90_S2XAQ8 UniRef90_A3TKI2 UniRef90_O99132	Y F F F W Q IV IF Q R D S II ID D II IG M P II I IG T IV IH Y G Q G Y F N A F W N G F Q M
Unicagio Lincolo WD Y F RN WIGHT SO RESIDENCE WD Y F RN WIGH SO RESIDENCE WD Y F RN WIGHT SO RESIDENCE WD Y F RN WIGHT SO	UniRef90_F8JP11 UniRef90_M3ERP1 UniRef90_UPI00047C3BAD	F DIL YILIK A Y G R H SI D G K GIL PILIN A SIVIH Y G K G Y N N A F WN G E Q M WD Y Y K NI H G R N G L R N D G V A P Y S R V H Y G N N Y V N A F W D D S C F WD F Y K D V F N R T G L K G D G K G S S N R V H Y G S S Y A N A F W D D S C F
UNRIGHED GUNDALD SASSAGE THE STATE OF THE ST	UniRef90_B4UX78 UniRef90_E8N0T6 UniRef90_U1YUV4	Y DILIF WDII IY Q R N SII ID G A G M PIL VIS I IVIH Y Q Q G Y D N A F W N G Y Q M
UNIRGED GOTTON	UniRef90_L1L0C0 UniRef90_V6KE56 UniRef90_G2GLZ8 UniRef90_UPI0002883A97	WDYFKDVHGRNGI ADDGKGSYNRVHYGNKLANAYWNDA <mark>C</mark> F
UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L GL I A S W I Y Y S S N Y Y N A F WD G S G M UNIREGO MATTON UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L GL I A S W I Y Y S R E Y G N A F WD G S G M UNIREGO MATTON UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L GL I A S W I Y Y G N A F WD G S G M UNIREGO MATTON UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L K I I N A S W I Y O R E Y G N A F WD G S O M UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L K I I N A S W I Y O R E Y G N A F WD G S O M UNIREGO MATTON UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L K I I N A S W I Y O R E Y G N A F WD G S O M UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L K I I N A S W I Y O R E Y G N A F WD G S O M UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L K I I N A S W I Y O R E Y G N A F WD G S O M UNIREGO MATTON WELLIWH A ALL X A R N S L ID D X G L K I I I I I I I I I I I I I I I I I I	UniRef90_Q4V0K4 UniRef90_B0TT87 UniRef90_D6TYJ1 UniRef90_UPI0004299AFF	Y D Y Y L N N H G R D S I D N A G M T L K S R V H Y S R N Y N N A F W D G S Q M Y S F Y Q Q V Y S R N S L D N K G L S L D A S I H Y D V S Y N N A F W D G S Q M Y D Y F K N K H N R N S Y D G N G A A L K S Y V H Y D V S Y F N A F W N G S V M
UNINGEROU DENOMOTEFES UP DE Y E EN F G R N S N A D N G A G A F S R V N Y G D N Y N N A F W D G F C M W DIRECTORY CONTROLLED CONTRO	UniRef90_A3TN51 UniRef90_R4LVA2 UniRef90_W9E145	WELLWH A A Y A R N S L D D K GIL GL L A S V H Y S S N Y D N A F WD G S Q M WD Y F T K V H Q R T G L R G D G N G V R A Q V H Y G WN Y T N A Y WD G Q S A Y D Y Y F T V H G R D S Y D D A G A D M H [] Y A N C G S G WN N A T WN G S Y V]
UNRESO JUNNESO	UniRef90_P23224 UniRef90_W6VQ87 UniRef90_UPI000362FFE6	WDEYKEREGRNGIIADNGAGAESRWHYGDNYANAEWDDGCE
UNIREGO WOODAZADBO Y D Y Y K N Y G R H S I D G D G L P L L D A S V H Y D E G Y N N A F W D G K Q M WINRESO WOODAZADBO Y D Y Y K N K F N R N S I D D R G R A G I W N N G T G A R S R V H Y G R N Y W N A A W B G T Q M WINRESO WOODAZADBO Y D Y Y K N K F N R N S I D D N N G M N W E G F I H T Q W X Y N N A F W D G T Q M WINRESO WOODAZADBO Y D Y Y K N K F N R N S I D N N G M N W E G F I H T Q W X Y N N A F W D G T Q M WINRESO WOODAZADBO Y D Y Y K N K F N R N S I D D N N G M N W E G F I H T Q W X Y N N A F W N G G T Q M WINRESO WOODAZADBO Y D Y Y K N K F N R N S I D D N N G M N W E G F I H T Q W X Y N N A F W N G R F M WINRESO WOODAZADBO Y D Y Y K N K F N R N S I D D D R G W Y L T S T V H Y G N A Y N N A F W N G R F M WINRESO WOODAZADBO Y D Y Y K N K F N R N S I D D R G W Y L T S T V H Y G S N Y N N A F W N G R F M WINRESO WOODAY WINNESO WOODAZADBO Y D Y Y K N W H N R D N S I D D R G W Y L T S T V H Y G N A Y N N A F W N G R F M WINRESO WOODAY WINNESO WOODAY WI	UniRef90_H8MID7 UniRef90_Q0RGY3 UniRef90_U2SMX8	Y DILIY WEIVIF G R N SII ID G N G M PIL IN A HIVIH Y G S N Y N N A F W D G E R M
UNIRE90 S90N23 V N Y Y N N Y D T F G R N G G D D G R G A Y N R N N Y Y Q N G Y N N A F W D D D D F W N R S S D D D R G S R T N D S T N Y Y Q N G Y N N A F W D D D D G S M UNIRE90 S90N23 V D Y K N A F R N R N S G D N N G M N Y E G F I H T G V Y N N A F W D D D G S M UNIRE90 S90N23 V D Y K N A F W R N S G D N N G M N Y E G F I H T G V Y N N A F W D D G S M Y R N S S C D N N G M N Y H Y G N G Y N N A F W D D G S M Y R N S S C D N N G M N Y H Y G N G Y N N A F W D G S M Y R N S S C D N N G M N Y H Y G N G Y N N A F W D G S M Y R N S S C D N N G M N Y H Y G N G Y N N A F W N G F G M Y N N A F W N G F G M Y N N A F W N G F G M Y N N A F W N G F G M Y D Y Y K N K F H G R N S I D D R G G M A I T S Y V H Y G N G Y N N A F W N G F G M Y D Y Y K N K F H G R N S I D D R N G F M Y H Y G N G Y N N A F W N G F G M Y D Y Y K N K F M N S I D D R G G M A I T S Y V H Y G N G Y N N A F W N G G G M Y D Y Y K N K F M N S I D D R G G M A I T S Y V H Y G N G Y N N A F W N G G G M Y D Y Y K N K F M N S I D D R G G G M A I T S Y V H Y G N A Y N N A F W N G G G M Y D Y Y K N K F M S N S I D D R G G G M A I T S Y V H Y G N A Y V N A F W D G T Q M UNIRE90 D D M G G M G M A Y D Y N A F W D G T Q M UNIRE90 D M G M G M G M G M G M G M A Y M M A F W D A C F F D Y K N W M G M G M G M A Y M M A F W D A C F F D Y K N W M G M G M G M M M M M M M M M M M M M	UniRef90_L7FAU0 UniRef90_E5WM56 UniRef90_W9G1A1	F DILIYILIK A Y Q R H SI D G D GILIPIL ID A SIVIH Y D E G Y N N A F WD G K Q M Y D Y Y K K W H G R D S L D G E G M K L V S T V H I G S K WN N A A WN G K Q M Y D Y Y N T OIL G R A GIL WN N G T G A R S R IV H Y G O N Y W N A F WD G T O M
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UINRE190_A3TLC9 UNIRE190_A3TLC9 UNIRE190_D4E2V9 UNIRE190_D4E2V9 UNIRE190_D4E2V9 UNIRE190_D4E2V9 UNIRE190_UP10003360A8AD UNIRE190_UP1000360A8AD UNIRE190_UP1000360A8AD UNIRE190_UP1000360A8AD UNIRE190_UP1000360A8AD UNIRE190_UP1000360A8AD UNIRE190_UP1000360A8AD UNIRE190_UP1000360A8AD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP1000360ABAD UNIRE190_UP100037AATAB UNIRE190_UP100037AATAB UNIRE190_UP100037ABABAD UNIRE190_UP100037ABBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	UniRef90_E5WCC1 UniRef90_A0A024PBG7 UniRef90_F4Y1U0 UniRef90_Q9L7Z4	Y D Y F L N E H G R N S L D G E G M A I N S Y V H Y G S N Y N N A F W N G R F M Y E Y Y L E E H D R N S I D G E G M A I K S T V H F G E D Y A N A F W N G Q Q M F D L Y R D I Y E R N S L D D K G V V L T S T V H Y G R G F D N A F W N G Q Q M Y D Y Y K N V H N R D S Y D D K G S P I Q S I T H V N D N S T N A A W L G D K M
UniRei90_UPI0003901835 UniRei90_UPI00039048AD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI0003608ABD UniRei90_UPI000478BE74 UniRei90_UPI000478BE74 UniRei90_UPI000478BE74 UniRei90_UPI000478BE74 UniRei90_UPI00478BE74 UniRei90_UPI00478BE74 UniRei90_UPI00478BE74 UniRei90_UPI00478BE74 UniRei90_UPI00478BE74 UniRei90_UPI00478BE74 UniRei90_UPI00478BE74 UniRei90_UPI000384ABB7 UniRei90_UPI000384B3B0 UniRei90_UPI000384B3B0 UniRei90_UPI000384B3B0 UniRei90_UPI000381B3B0 UniRei90_UPI000381B3B0 UniRei90_UPI00038BB3B0 UniRei90_UPI0003BB3B0 UniRei90_UPI0003BB3B0 UniRei90	UniRef90_UPI000225AADB UniRef90_A0A017SYI3 UniRef90_UPI000464A176 UniRef90_A3TLC9	Y D Y Y LEEH GRNSLDGNGMAII TSYVHVGTNYNNAF WNGRY M Y D C Y S T L F G R D S I N G S G L T L I S T V H Y S S N Y V N A Y W D G T Q M WD F Y K N E L G R N G I R G D G V A A Y S R V H Y G N A Y V N A F W D G T Q M F D Y Y K N V O G R N G I WD T G V G A R S R V H Y G N A Y V N A F W D G T Q M
UniRef90 WTEDS VID Y LLY S K F G R K S I D N N N F A I LK S Y V H Y S T N Y F N A F WN G S R M UniRef90 L7UGA7 VD C Y N E L F G R D S L D N L G G A L L S T V H Y G K D Y Q N A F WN G T Q M UniRef90 G8X8Q4 VD Y W K N L F G R N S L D N K G L P L V G S V H Y G K D Y Q N A F WN G Q Q M UniRef90 G9X8Q4 VD Y W K N L H N R N S F D N A G A K I N S Y V H Y S N N Y D N A Y WD G T R M UniRef90 G9QDC1 VD F Y K K F G R K S Y D N K G L P L N A T V H Y G E E Y G N A F WN G Q Q M UniRef90 G9QDC1 VD F Y F S K F G R D S L D N R G L K L T G S V H Y G K D Y Q N A F WN G Q Q M UniRef90 UP100016C48B5 UniRef90 L D F Y F S K F G R D S L D N R G L K L T G S V H Y G H E Y Q N A F WN G Q Q M UniRef90 L D P100016C48B5 UniRef90 L D F Y G S K Y L E R D S L D N R G L K L T G S V H Y G H E Y Q N A F WN G Q Q M UniRef90 L D P10003750961 UniRef90 L D F Y G S K Y L E R D S L D N R G L K L T G S V H Y G T G Y A N A F WD G A Q M UniRef90 L D P10003750961 UniRef90 L D F Y G S K Y L E R D S L D N R G L K L T G S V H Y G T G Y A N A F WD G Q Q M UniRef90 L D P10003750961 UniRef90 L D F Y G S K F G R R S Y L D N R G L R L L A T V H Y G T G Y A N A F WD G Q Q M UniRef90 L D P10003750961 UniRef90 L D F Y G S K F G R R S Y L D N R G L R L L A T V H Y G T G Y A N A F WD G Q Q M UniRef90 L D P10003750961 UniRef90 L D F Y G S K F G R R S Y L D N R G L R L L A T V H Y G T G Y A N A F WD G Q Q M UniRef90 L D P10003750961 UniRef90 L D F Y K K K F Q W K S L D N K G M N L K G F V H F G R N F WD D L C F M Y Y K N K L S R N S L D N K G M N L K G F V H F G R N F WD G Q Q M UniRef90 L D P10003750961 UniRef90 L D F Y K K K F Q W K S L D N K G M N L K G F V H Y G R N Y W N A F WD G Q Q M W T Y K Y K K F G R N S L D N K G M N L K G F V H Y G R N Y W N A F WD G Q Q M W T Y K Y K K F G R N S L D N K G M N L K G F V H Y G R N Y W N A F WD G Q Q M W T Y K N Y K F R R N S L D N K G M N L K G F V H Y G R N Y W N A F WD G Q Q M W T Y K N Y K F G R N S L D N K G M N L G R V W Y Y K N A F WD G Q Q M W T Y K N Y F N A F W D G Q Q M W T Y K N Y F N A	UniRef90_UPI00039D1B35 UniRef90_D4E2V9 UniRef90_UPI000360A8AD	WDYYKN <u>V</u> HGRNGIFNNGQGARSRVHYGNAY <u>V</u> NAFWDGTQM YDFFWQAFKRNSLDNQGM <u>VLTGSVH</u> YGNEYQNAFWNGQQM YNFYKNNFNRSLDNAGYLLLSWVNDDNNPDNAYWDGSFM
UniRef90_G8X8Q4 UniRef90_S3ZAC4 UniRef90_S3ZAC4 UniRef90_GBC8D7 UniRef90_GBC8D7 UniRef90_UP100016C48B5 UniRef90_UP100016C48B5 UniRef90_UP10003818380 UniRef90_UP10003750961 UniRef90_UP10003750961 UniRef90_UP10003750961 UniRef90_UP100035629902 UniRef90_UP100025629902 UniRef90_UP1000378018 UniRef90_UP1000378018 UniRef90_UP1000378018 UniRef90_UP100035629902 UniRef90_UP100035629902 UniRef90_UP1000378018 UniRef90_UP1000378018 UniRef90_UP1000378018 UniRef90_UP1000378018 UniRef90_UP1000378018 UniRef90_UP10003780186 UniRef90_UP1000	UniRef90_T4W8F3 UniRef90_UPI000479BE74 UniRef90_E8NB19	Y N Y Y K D T H N R E S Y D G N G A D L N S Y V H V G S S M S N A Y W N G V E M Y S L F S D V Y G R S S I D G A G M P L D A T V Q F G E R Y D N A F W D G E R M Y D F F W D A F S R D G L D A A G G S L L A T V H F G D D Y D N A F W N G E R M
UniRef90_UP100016C48B5 UniRef90_UP10003818380 UniRef90_UP10003818380 UniRef90_UP10003750961 UniRef90_UP1000378D186	UniRef90_L7UGA7 UniRef90_C6CPE2 UniRef90_G8X8Q4	VDYLYSKFGRKSI DNNNFAI KSYVHYSINYFNAFWDGSRM YD <mark>C</mark> YNELFGRDSI DNLGGAL I STV HHRVNYVNAFWNGTQM YDFFWKI FGRNSLDNKGLPL VGSVHYGKDYQNAFWNGQQM YD <u>YWKNLH</u> NRNS <u>F</u> DNAG <u>A</u> KI NSYVHYSNNYDNAYWDGTRM
UniRef90_UP10003818380 UniRef90_UP10003818380 UniRef90_UP10003818380 UniRef90_UP10003818380 UniRef90_UP10003750961 UniRef90_UP10003750961 UniRef90_E8DYP9 UniRef90_E9DYP9 UniRef90_UP10002629902 UniRef90_UP10002629902 UniRef90_UP10002629902 UniRef90_UP10002629902 UniRef90_UP1000378D186 UniRef90_UP10	UniRef90_S3ZAC4 UniRef90_S9QDC1 UniRef90_G0EAB7 UniRef90_UPI00016C48B5	HDFFWKSYHRDSLDNRGLKLTGSVHYGHEYQNAFWNGQQM RDFFWKSYHRDSLDNRGLKLTGSVHYGHEYQNAFWNGQQM RDFYRFVLFRDSLDGHGMRLDGYVHRGVQYNNAFWDGRFM
UniRef90_G8S3G9 UniRef90_E9DYP9 UniRef90_UPl0002629902 UniRef90_UPl0002629902 UniRef90_A0A024PZP3 UniRef90_D2PNW0 UniRef90_UPl000378D186 UniRef90_UPl00035FE772 UniRef90_UPl00035FE772 UniRef90_UPl00035FE772 UniRef90_UPl000378D186 UNIREF90_UPL000378078 UNIREF90_UPL000378078 UNIREF90_UPL000378078 UNI	UniRef90_L9PE77 UniRef90_UPI0003818380 UniRef90_E8ZLV0 UniRef90_UPI0003750961	YDFFREVLKRNSI DNKGLRI DSTVHYQTRFNNAFWNGQQM FDYFKLVHGRNGI FGNGQGVPSRVHYGNAYVNAFWDGAQM YDYYKNKLSRNSL DNKGMNLKGFVHFDKNLGNAFWVGEYM WDFYHDRFGRNGI ADDGVGAVTNVHYGTGYANAFWDDLCF
UniRef90_UPI000378D186 UniRef90_UPI000378D186 UniRef90_UPI000378D186 UniRef90_UPI00035FE772 UniRef90_Q8TP44 UniRef90_UPI00047CB3E0 UniRef90_UPI0003AA4756 UniRef90_UPI0003AA4756 UniRef90_UPI0003AA4756 UniRef90_UPI0003B7A7BB	UniRef90_G8S3G9 UniRef90_E9DYP9 UniRef90_UPI0002629902	RSFYAEWFQRNSI DDRGMRLEGYVHRGRRYNNAFWDGQEM DDFYRKKFQWKSI DNKN <mark>C</mark> DVISSVHFGFSYFNAFWDPFQM
UniRef90_Q8TP44 UniRef90_UPI00047CB3E0 UniRef90_UPI0003AA4756 UniRef90_UPI0003AA4756 UniRef90_UPI0003B7A7BB UDYYKNVQGRNGIRADDGRAPTVFVHVGRNYVNAFWSDSCF UniRef90_UPI0003B7A7BB UDYYKNVQGRNGIRADDGRAYSRVHYGRNYVNAFWSDSCF UNIRef90_UPI0003B7A7BB UDYYKNVQGRNGIRADDGRAYSRVHYGRNYVNAFWSDSCF UNIRef90_UPI0003B7A7BB UDYYKNVQGRNGIRADDGRAYSRVHYGRNYVNAFWSDSCF UNIRef90_UPI0003B7A7BB UDYYKNVQGRNGIRADDGRAYSRVHYGRNYVNAFWSDNCF UNIREF90_UPI0003B7A7BB	UniRef90_A0A024PZP3 UniRef90_D2PNW0 UniRef90_UPI000378D186	FDYFKII IN HGRNGII IFNDGRGIVIPSRIVIHYGTNYIVINAFWDGKOM
UniRef90_UPI0003B7A7BB WDYYKTTFGRNGI ADDGKGAYSRIVHYGRNYIVNAFWSDSCF UniRef90_C9Z4U8 WDYYKNVQGRNGI FGDGRGVPSRTHYGNAYVNAFWDGQGM WDYYKDVHGRNGI FDGRGSFNRVHYGNAYVNAFWDGQGM UniRef90_U1GJN3 FDFYKNILGRNSLNDRGLPLLGSVHYGRKYDNAMWDGEQM UniRef90_UPI000311E966 FDYLSTVHGRNSFDNLGAALKSYVHYDLAYDNAYWNGSVM UniRef90_W9NZ72 LGFYKEQFNWNSIDNKNVDVSSSVHFGEGYENAFWDCGGM	UniRef90_R4LJK1 UniRef90_Q8TP44 UniRef90_A7FTW5	FDYFKNVHGRNGIIFGIGAGVPSRVHYGNAYVNAFWDGAQM YDYYKNTFGRESYDNKGSPLVSSVHFLLNYNNSFWSDKQL YDYYKNKFNRNSIDNKGMNVFAFILHGFKYAGAFWNIGSM
UniRef90_U1GJN3 F D F Y K N I L I G R N S I N D R G I D I L I G S I V H Y G R K Y D N A M W D G E Q M UniRef90_UP1000311E966 F D Y L S T V H G R N S F D N L G A A I K S Y V H Y D L A Y V N A Y W N G S V M UniRef90_W9NZ72 L G F Y K E Q F N W N S I D N K N V D V S S S V H F G E G Y E N A F W D P E R L UniRef90_X0MUB4	UniRef90_UPI0003AA4756 UniRef90_A0A024YI14 UniRef90_UPI0003B7A7BB	WDYYKNVHGRNGI RNDGVGAYSRVHYGSKYINAFWNGIQM WDYYKNVHGRNGI RNDGVGAYSRVHYGSKYINAFWSDQCF HDYFKKTFGRKGI RNDGRAPTVFVHVGKHWDNAQWDDSCF WDYYKTTFGRNGI ADDGKGAYSRVHYGRNYVNAFWSDSCF
UniRet90 XOMUB4 II II) E Y K K I E G R N GII IK N I) G A G A H A II V IH Y G K N IV IG N A E W I) C G C M	UniRef90_C9Z4U8 UniRef90_U1GJN3 UniRef90_UPI000311E966	WDYYKNVQGKNGI F GDGRGVPS RIHYGNAYVNAF WDGQQM WDYYKDVHGRNGI ADDGRGSFNRVHYGKNLSNAF WSDN <mark>C</mark> F FDFYKNI LGRNSLNDRGLPL IGSVHYGRKYDNAMWDGEQM FDYLSTVHGRNSFDNLGAAI KSYVHYDLAYDNAYWNGSVM
UniRef90_B1KQ1 Y D Y Y K N K L N R N S L D N K G M N L N G F V H V G R N Y G N A F W Y G P Y M UniRef90_E5WLE7 N K Y Y Q N V H K R N S L D D K G M K L I N T V H L G E K W N N A G W N G E Q M	UniRef90_W9NZ72 UniRef90_X0MUB4 UniRef90_S9P2M6 UniRef90_B1IKQ1	LIDFYKKIFGRNGI KNDGAGAHAL VHYGKNVGNAFWD <mark>CGO</mark> M YN <mark>C</mark> YKNNFGRDSFDNAGATL I STVHYSSRYTNAYWDGTQM YDYYKNKLNRNSI DNKGMNI NGFVHVGRNYGNAFWYGPYM

UniRef90_F8GDK5	130 150 150 VFGDGDGQIFNRFT ALDV GHELAHGVTEDESRLQYFNQ
UniRef90_D1A9T6 UniRef90_UPl00036E3516 UniRef90_H7F0F9 UniRef90_S2XAQ8	160 160 160 170 180 180 180 180 180 181 181
UniRef90_A3TKI2 UniRef90_Q99132 UniRef90_F8JP11	TYGDGDGTSFGPL VSLDVAGHEMSHGVTENSANLTYSKE VFGDGDGKIFNRFTLALDVVAHELTHGITENEAGLIYFRQ VFGDGDGRIFHDFTGSVDVIGHELTHGVTQHSANLVYLGQ
UniRef90_M3ERP1 UniRef90_UPI00047C3BAD UniRef90_B4V4B0	CMTYGDGSGNANPLTSIDVAAHEMTHGLTSVTANLVYSGECMTYGDGDGVQAPLTALDVAAHEMTHGVTSATANLTYSGEVFGDGDGDLFLDFTVSVDVIGHELTHGVTQYSANLVYRGQ
UniRef90_B4UX78 UniRef90_E8N0T6 UniRef90_U1YUV4 UniRef90_L1L0C0	WTYGDGTGNNDPLTSLDVAGHEMTHGVTAATAGLEYSDE VYGDGDDRLFNRFTLSLDVIGHELTHGVTQYTANLTYANQ VFGDGDGEVFQRFTKSLSVIGHELAHGVTQFTAGLAYRNQ
UniRef90_V6KE56 UniRef90_G2GLZ8 UniRef90_UPl0002883A97	CMTYGDGAGNAKPLTSIDVAAHEMSHGVTANTAGLVYSGE VFGDGDGEVFLDFTLPIDVIGHELSHGVTQYTANLTYYGQ CMTYGDDGTNFGPMTGLDVTAHEMTHGVTSRTAGLVYTGE
UniRef90_Q4V0K4 UniRef90_B0TT87 UniRef90_D6TYJ1	VF G D G D G E I F T R F T I A I D V V A H E I T H G V I E R T A N I I Y Q G Q T Y G D G D G V T F A P I S Q D A D V V A H E I T H G V T E R S S G I I Y Q N E VF G D G D G D T F N R F T I A I E V I G H E I T H G V T G S E A N I D Y N D Q
UniRef90_UPI0004299AEF UniRef90_A3TN51 UniRef90_R4LVA2 UniRef90_W9E145	VFGDG ATREDALISLDVGAHEIGHAVCSSTANLVYSNE VFGDGDGEVFLGFTRSLDVIGHELAHGVTQYTSGLNYQDQ TFGDGRDN ANPLVALDVVAHELSHGLTDSLAGLEYNDD
UniRef90_I2MXY6 UniRef90_P23224 UniRef90_W6VQ87	VFGDGDGEIFLDFSIPVDVIAHELTAGLTQYTANLEYFSQ LYGDGDKKNFKPFSCAKTIVGHELTHAVIQYSAGLEYEGQ VFGDGDGEIFERFTRSLDVIGHELTHGVIESEAGLAYTSQ
UniRef90_UPI000362FFE6 UniRef90_UPI00047EFB32 UniRef90_H8MID7	CMTYGDGRGNAHPLTELDIAAHEMTHGVTYATANLTYEKE VFGDGDGEIFGRFTASLTVIGHELAHGFTQYTSNLRYQGQ VFGDGDGDLFNRFTISVDVIGHELAHGVTEFEGPLEYLYQ
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UniRef90_E5WM56 UniRef90_W9G1A1 UniRef90_I4W769	LYGDGDGTRMISISGGLDVIGHEMTHGVITNTADLIYENE TYGDG ANNAAPLVELDVAGHEMSHGVTENTANLTYSGE CMTYGDDGVNVGPLVALDITGHEMSHGVTARTAGLIYSGE
UniRef90_S9QN23 UniRef90_C1FM65 UniRef90_S5VPP1	T F G D G D N A N S G E L G R D L D V V A H E F T H G V T Q Y E S G L A Y R N E F F G D G D G V K F S S F A S A L D V V G H E V S H G L T S K E S K L K Y E K E C M T Y G D G T A N A D P L T S L D V A G H E M S H G L T A A T A K L N Y S R E
UniRef90_E5WCC1 UniRef90_A0A024PBG7 UniRef90_F4Y1U0 UniRef90_Q9L7Z4	T Y G D G D G E F F I P L S A G L D V A A H E M A H G V T T H S A G L K Y R F Q T Y G D G D E D L F N R F T L A L D I I G H E L T H G V I Q Y E A G L V Y R N Q I Y G D G D G R E M H S L A A A D D I I A H E I T H G V T Q E T A G L V Y Q D Q
UniRef90_UPI000225AADB UniRef90_A0A017SYI3 UniRef90_UPI000464A176	AYGDGDGEFMVPLSAGLDVAAHEMTHGVTTHTANLQYRFQ VYGDGDGVTASSLATSMDVTAHELTHGVTEYESNLTYSGE CMTYGDGENNLKPLTSLDVAGHEMSHGLTASTAGLRYSKE
UniRef90_UPI00039D1B35 UniRef90_UPE2V9 UniRef90_UPI000360A8AD	TYGDG ANNIQPLIAIDVAGHEMSHGVIENTAGLAYRGD TYGDG ASNQRPLTSIDVAGHEMSHGVTEATANLNYFGD VFGDGDGELFNRFTIAIDVVAHELAHGVTESEAGLIYFQQ DY GNUSSNGKGVVGDDVLGHELTHGVTERTSGLTYSGE
UniRef90_UPI0003B44FAC UniRef90_T4W8F3 UniRef90_UPI000479BE74	VFGDGDGQLFNRFTLALDVIGHELTHGVTEKEAGLAYYGQ SYGDGNKTTENAFTAANDVVAHEITHGVTSSSADLVYYQYQ VFGDGDGELFGRFTASLTVISHELTHGFTQYSTNLRYQGQ
UniRef90_E8NB19 UniRef90_W4TED5 UniRef90_L7UGA7 UniRef90_C6CPE2	VFGDGDGDVFVGFTRSLSVLAHELGHGVTEAAGGLEYQGQ TYGDGSSTTNGKPLTAIDVCGHEITHGMTSKTANLVYQRE VYGDGDGVTASNLANSLDVTAHELTHAVTDYESELIYSGE
UniRef90_G8X8Q4 UniRef90_S3ZAC4 UniRef90_S9QDC1	TYGDGSGTYFDAL TSLDVCAHELGHAICTKTANLVYQNEVFGDGDGELFLDFTIPVDVIGHELTHGVVQYTANLTYFGQVYGDGDGVDSSPLTVLDVVGHELTHAVTDTSSDLIYSNE
UniRef90_G0EAB7 UniRef90_UPI00016C48B5 UniRef90_L9PE77	VFGDGDGEIFNRFTLAIDVVAHELSHGVTESEAGLLYFEQ VFGDGDGVVFTDFTSSLDVIAHELTHGVTEFTAGLEYHFQ YYGDGDGKLFLGFTHALEVIAHELTHGVTQHPGGLVYENQ
UniRef90_UPI0003818380 UniRef90_E8ZLV0 UniRef90_UPI0003750961 UniRef90_G8S3G9	F F G D G D G V R L S P L A K A L D I V G H E L S H G V T N K A S N L K Y E K E CMT Y G D G L D G R H P L T E L D I A A H E M T H G V T S A T A G L I Y T G E V F G D G D G Q V F T D F T G S L D V I A H E L T H G V T E H T A G L E Y H G Q
UniRef90_E9DYP9 UniRef90_UPI0002629902 UniRef90_H8DM88	MMVFGDGGEFSNFTNCIDVIGHELTHAVTEHTSPLDYVDQ VFGDGDGEIFSSFTDSLDVIAHELAHGLTQYTAGFTYVAQ VFGDGDGEIFNRFTLAIDVVAHELAHGVTENEAGLIYFEQ
UniRef90_A0A024PZP3 UniRef90_D2PNW0 UniRef90_UPI000378D186 UniRef90_UPI00035FE772	TYGDGDGELFRRFTAALEVTAHELTHGVTERDVGLTYADQ TYGDGDGVTAGPL VSIDVAGHEMSHGVTTATANLTYSGE VFGDGDGEVFLDFTLAVDVIGHELAHGVTQYTANLEYFGQ VFGDGDGVVFFRFTQSIDVIGHELAHGVTFHTAGILYQGO
UniRef90_R4LJK1 UniRef90_Q8TP44 UniRef90_A7FTW5	VY GD G G G G G G G G G G G G G G G G G G
UniRef90_UPl00047CB3E0 UniRef90_UPl0003AA4756 UniRef90_A0A024YI14 UniRef90_UPl0003B7A7BB	CYGDGDLAQGWHPLTSIDVAGHELAHGVIDHEAALQYQGQ CYGDGDLAQGWHPLTSIDVAGHEMSHGVTSNSAGLVYRGE CMLTGDGDGRKDTQVDLDTMGHEMTHGITAATARLRYHGE
UniRef90_F8JMA6 UniRef90_C9Z4U8 UniRef90_U1GJN3	TYGDGQND ARPLVEIDVAGHEMSHGVSGALVGWEENGE CMTYGDGNTHFGPLVGLDVAAHEMSHGVTSRTAKLVYSGE LFGDGDGVIFNGFTDELDVIGHELTHGVTQYTANLEYEGE
UniRef90_UPI000311E966 UniRef90_W9NZ72 UniRef90_X0MUB4	TYGDGSDTYFDAL TSLDVAAHEIGHAVCEKTANLAYQKE QMVYGDGGEFNNFTGCIDVIGHELTHAVTEHTSPLEYTGQ LYGDGDGQLFTKPLVVLDVTGHELTHGVVDATANLRQFGE
UniRef90_S9P2M6 UniRef90_B1IKQ1 UniRef90_E5WLE7	VYGDSDGVQSAPLGLSGDVTTHELTHAVTEYESNLTYSGE FFGDGDGVYFSSLAKSLDVVGHELSHGVTNKESNLKYENE LYGDGDGLEFGSFAGGLDIAGHEMTHGVIEHTANLIYENE

	210 220 230	240
UniRef90_F8GDK5 UniRef90_D1A9T6	GI R S M K F P G K D P Q P G H M D D Y V H T Y R D N G G V H I N S G I	PNHA PNRA
UniRef90_UPI00036E3516	A L R S M K A P G K D P Q P A K M E D Y V R T G R D N G G V H I N S G I A L R S M A N P G R D P Q P A H M R D F I E T R E D N G G V H L N S G I	PNHA
UniRef90_H7F0F9 UniRef90_S2XAQ8	AILIRSMSSPEOYGOPSHMSOYIVIHTSSDNGGIVIHTNSGILI	\triangleright N K \triangle
UniRef90_A3TKI2 UniRef90 Q99132	GFRRMDNPSSDGKSVNCW SSSVANLDVHYSSGVGLRSMSHPGTDPQPSHMNEYVNTREDNGGVHLNSGI ALRSMKAPGKDPQPATMAGYVHTWQDNGGVHLNSGL	GNHF PNRA
UniRef90_F8JP11	ALRSMKAPGKDPQPATMAGYVHTWQDNGGVHLNSGL	PNHA
UniRef90_M3ERP1 UniRef90 UPI00047C3BAD	ALLREMDKPSKDGSSRD YWSSILGNI DVHYSSGP	ANHW ANHF
UniRef90_B4V4B0	A L R S M K A P G K D P Q P A T M D D Y <u> V D</u> T Y S D N <u>G</u> G V H L N S G <u> L</u>	PNHA
UniRef90_B4UX78 UniRef90_E8N0T6	G L R	PNHA
UniRef90_U1YUV4 UniRef90_L1L0C0	ALRSMKAPGKDPQPDSMDTYVRTSADNGGVHLNSGL PLRYMDQPSKDGNSANYWSSSLGSLD VHYSSGP	PNKA ANHF
UniRef90_V6KE56	PLRYMDKPSKDGASKDYWYSGIGSVD VHYSSGP	ANHF
UniRef90_G2GLZ8 UniRef90_UPI0002883A97	A L R Y M D R P S R D G G S A D Y W S G S L A K L S V H Y S S G V .	ANHF
UniRef90_Q4V0K4 UniRef90_B0TT87	All IR N M A D P A S M G D Y D Y Y P D R Y T G S S D N G GIV H W N S GIL I.	PNRA ANLA
UniRef90_D6TYJ1 UniRef90_UPI0004299AEF	A L R S L K A P G K D P Q P A T M D G Y V D M T D D N G G V H V N S G I L S L R S M S D P N A E S Q P D T Y K G T Y W G T G D N G G V H T N S G V	PNHA
UniRef90_A3TN51	GIL IR S M K A P G K D P Q P G H M D D F IV V IT D D D N G GIV IHII IN S GII I	PNRA
UniRef90_R4LVA2 UniRef90_W9E145	PLRFMYQPSLDGRSFDCYQFPWPDYD PHYTSGP ALRNMEDPTNGGQYDHTGDQYTGYSDNGGVHINSGI	G N H F M N K A
UniRef90_I2MXY6	All IR S M K A P G K D P O P A T M D D Y IV IR T G R D N G GIV IHII IN S GII I	PNHA PNKA
UniRef90_P23224 UniRef90_W6VQ87	GLRSMAHPGKDPQPDHMRKFVTTQEDNGGVHTNSGI	PNRA
UniRef90_UPI000362FFE6 UniRef90_UPI00047EFB32	PLRYMDQPSKDADPGTSLDYWTPDLKKEDVHHSSSGP ALRSLKAPGKDPQPATMADYVETTSDNGGVHINSGI	A N H F P N H A
UniRef90_H8MID7 UniRef90_Q0RGY3	A L R S MK D P G K D P Q P A H M K D F V K T F E D G G G V H I N S G I	PNKA PNKA
UniRef90_U2SMX8	A IL IR Y M N D P A T D G D S IL ID H Y H S Y Q T G T G IV IIH Y S S G II II	SNLA
UniRef90_H0TF85 UniRef90 L7FAU0	All IRSMKEPGKDPQPAIMDGYIVIRIGRDNGGIVI H II INSGILI	PNRA PNHA
UniRef90_E5WM56 UniRef90_W9G1A1		NNKA INHW
UniRef90_I4W769	ALRYMWKPSLDGRSPDFYVJSNLGSLD VHYSSGV	A N <u>H F</u>
UniRef90_S9QN23 UniRef90_C1FM65	AL ROMEDPSKGNOPAHMKDEOYKDNOWGGVHTNSGL	P N L V I N H A
UniRef90_S5VPP1 UniRef90_E5WCC1	PILIRY MDKPSKDG GSADY WSKI VIGRILIDIV I <mark>H</mark> YSSGIV I	A N H F T N H A
UniRef90_A0A024PBG7	SLRSLSNPSKYPVGEDYVPYGDGSGDNGGVHINSSI	I N H A
UniRef90_F4Y1U0 UniRef90_Q9L7Z4	GLRSMKEPGKDPQPGHMRDLYTGSQDNGGVHINSGI AFRSFSEPEKFGQPAHMRDYKRVGYDNGGVHINSGI ALRSLSNPGYYPEHMDEYYDMPARVDNGGVHVNSSI	P N K A P N K A
UniRef90_UPI000225AADB UniRef90_A0A017SYI3		T N <mark>H</mark> A A N I A
UniRef90_UPI000464A176	PLRYMDKPSKDGSSAD YWSNSVGRLDVHHSSGPPLRYMDKPSKDGASKDCW STSLKNLDPHYSSGPPLRYMDKPSKDSRSVDCWSTSTGGMD PHYSSGPPLRYMDKPSKDSRSVDCWSTSTGGMD PHYSSGPGLRSMSAPGKDPQPASMRDYLETKEDNGGVHLNSGLEIRDFSNPNADGQPDTYKGTYWGSSDNYGVHTNSGV	ANHF
UniRef90_A3TLC9 UniRef90_UPI00039D1B35	PLRYMDKPSKDSRSVDCWSTSTGGMD PHYSSGP	L N H W
UniRef90_D4E2V9 UniRef90 UPI000360A8AD	GL	P N R A G N F M
UniRef90_UPI0003B44FAC UniRef90_T4W8F3	ALRSMKAPGKDPQPADMAGFVRTNQDNGGVHINSGI AIRDLQDPTKHGQPANMKDYYSLYYDRGGVHINSGI	PNKA
UniRef90_UPI000479BE74	A L R S L R A P G K D P Q P A S M A D Y V E T S S D N G G V H I N S G I	PNHA
UniRef90_E8NB19 UniRef90_W4TED5	PILIR D M S N P N A F S H P D T YILIG K Y WKIVIN D Y C GIVIH T N S GIVI	INFW
UniRef90_L7UGA7 UniRef90_C6CPE2	ALRYMANPTQDGDSIDYFPDYSSGID VHYSSGI GLRSMARPGTDPQPAHMRDFVNTREDNGGVHUNSGI	PNLA
UniRef90_G8X8Q4	ALRSMSNPNAEGQPDTYKNWYSGTGDSGGVHTNSGV	□N Y W
UniRef90_S3ZAC4 UniRef90_S9QDC1	ALRSMSNPNAEGQPDTYKNWYSGTGDSGGVHTNSGVALRSMKDPGKDPQPKDMEHYVRTGRDNGGVHUNSGI	A N L A
UniRef90_G0EAB7 UniRef90_UPI00016C48B5	GIL IR S M S H P G K D P Q P A H M K D F V H I Q Q D N G G V H I I N S G I I	PNHA PNKA
UniRef90_L9PE77 UniRef90_UPI0003818380	All IR S M A D P GIL IT W S G D F Q P K T M A G Y IV ID G G D IV IH T N S GIL I	PNHA
UniRef90_E8ZLV0	PLRYMYNPSLDGSSHSCWSTSTNSVD VHYSSGV VMRDMKDPSRGRQPAHMKNFVDRDNDWGGVHINSGL	ĬN H A
UniRef90_UPI0003750961 UniRef90_G8S3G9	PLRYMDRPSKDASAKGTSQDYWTSGTKKDPHFSSGPALRSMKAPGKDPQPDHMSRYVTDEGDWGGVHTNSGI	PNKA
UniRef90_E9DYP9 UniRef90_UPI0002629902	A L R S M K A P G K D P Q <u>V</u> D N M K D Y <u>K</u> K T Y E D K G G V <mark>H</mark> I F S G I	PNKA PNHA
UniRef90_H8DMS8		
UniRef90_A0A024PZP3 UniRef90_D2PNW0	ALRSMKAPGTDPQPGHMRNFVDTQADNGGVHINSGI ALRYMDKPSRDGQSKDCWYAGIG NLDVHYSSGV	A N H F
UniRef90_UPI000378D186 UniRef90_UPI00035FE772	A L	P N H A P N R A
UniRef90_R4LJK1	P L RYMYDPARDG L SHG <mark>C</mark> WST <u>S</u> TN <u>S V</u> D V H <u>Y</u> SSG V .	A N H F
UniRef90_Q8TP44 UniRef90_A7FTW5	A I R D M Q D P S K G Y Q P A H M K D Y M D I R Y D N G G V <mark>H</mark> V N S G I	I N H A
UniRef90_UPI00047CB3E0 UniRef90_UPI0003AA4756	ALRSMAQPGKDPQPAHMRDYVHTSDDNGGVHINSGI	ANHF
UniRef90_A0A024YI14	WLRREDOPSRDGRSPDCW SPKVRRMDPHQSSGV YIRNMVQPSTDGSSADCWYSSLGGLD VHYSSGP	GNHW
UniRef90_UPI0003B7A7BB UniRef90_F8JMA6	PILIRY MY QP SILID G Q S P D C Y D S G N G N ILID P H Y S ILIG P II	L S H W
UniRef90_C9Z4U8 UniRef90_U1GJN3	ALREMDKPSKDGGSADHW SSAVARLDVHSSSGV ALRSMKAPGKDPQPSNYANLYKGTQDNGGVHINSGI	ANHF PNKA
UniRef90_UPI000311E966	A L R S M S N P K S E G Q P D T Y G G T Y <u>WK T</u> N D Y <mark>C</mark> G V H <u>T</u> N S G V]	L N H W
UniRef90_W9NZ72 UniRef90_X0MUB4	F L R R L D E	SSHA
UniRef90_S9P2M6 UniRef90_B1IKQ1	ALRYMYDPAKDGASHD YWTTSTKNVDVHYSSGV VMRDMENPSKGGQPAHMKDYKYKTDDNGGVHTNSGI	A N L A I N H A
UniRef90_E5WLE7	GLRSMSDPASKSYPDTYQDRYQGELDNGGVHLNSGII	NNKA

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UniRef90 F8GDK5	250 260 270 28 F Y Q V A T R I G G H A WD K A G R I WY D A L R D R L R P N T G	0
UniRef90_D1A9T6	FYLAA AELGGHAWEKAGRIWYETLTGPMSPTLE	
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UniRef90_S2XAQ8	AYN TII QRII IGK DR SEQII IYYR ALLIS QYLLT ST SN	
UniRef90_A3TKI2	FY L <u>L</u> A	
UniRef90_Q99132 UniRef90_F8JP11	FYLAA IALGGHSWEKAGRI WYDTL CDKTLPNAD FYLAA TAI GGHSWEKAGLI WYLALTGKLTPLAD	
UniRef90_M3ERP1	FYILIASEGPTSDGILIPIVITPII IGREAAEKII IWFRAILITTYMTSTTN	
UniRef90_UPI00047C3BAD UniRef90_B4V4B0	Y Y L L S E G P T À N G Q P V S G L G R D A A T R I WY R A L T T Y M T S S T D F Y L V A T E L G G K A WE R A G Q I WY D T L T G G L T P K A T	
UniRef90_B4UX78	FYLASEGPTSDGLPVTGLGRDKAQLIWYKALTTKFNSSTD	
UniRef90_E8N0T6 UniRef90_U1YUV4	FYYAA I E M G G Y A W E K A G R I W Y V T L R D R L R A G S T FYV V A S E L G G N A W E A P A Q I W Y G T L T S G L P P A C T	
UniRef90_L1L0C0	F F L S E G P T S N G A T I T G I G R A K A V Q I W Y K A L T T Y M T S T T N	
UniRef90_V6KE56 UniRef90 G2GLZ8	F Y L S E G S T S D G L P V T G I G R A K A E Q I W F K A L A T K F T S T T N	
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UniRef90_Q4V0K4 UniRef90_B0TT87	FQRAA VAI GGYAWEKAGRI WYRALTGGLSASAD FQLLVDGGQHPRVTVTGLGFDDAAAI FYAANINCLTPSSN	
UniRef90_B0T187	FYILIAA II IAII IGGRAWEKTGRII IWYII ITIL <mark>IC</mark> D RILIKSSAN	
UniRef90_UPI0004299AEF UniRef90_A3TN51	F Y I L S V G K S G T N D N V A G I G I E D A A K I V Y R M E S V Y M T S N S N	
UniRef90_R4LVA2	F Y L A E G P T C N G S T V T G I G R E R A A K I W F R A L D A Y F T S T E S	
UniRef90_W9E145	A Y L I A T G G T H R G [R] E G L G R D V L G L I Y Y Q A L T T H L V S S S D	
UniRef90_I2MXY6 UniRef90_P23224	AY <u>N</u> T T K <u>L</u> GK EKT EQ L Y F R A L <u>K</u> Y Y L T K K S Q	
UniRef90_W6VQ87 UniRef90_UPI000362FFE6	FYLAAM ALGGFAWEKTGRI WYDTL <mark>C</mark> DKLSSEAT FYLLSEGPTYDGLPVAGLGQHNALDI WYRALTTYM <u>T</u> SS <u>T</u> D	
UniRef90_UPI00047EFB32	F Y I A A T R L G G Y A W E R A G Q I W Y D A A T G G N V P D C T	
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UniRef90_U2SMX8	FYLLSQGGTHSTLQVTGLGLQKAAQIFYKANADLLVPSSN	
UniRef90_H0TF85	FYLTALG IGGFAWEAPGHIWYASLKAS_SAKTD	
UniRef90_L7FAU0 UniRef90_E5WM56	A H L I T D G G T H Y G V S V T G I G K T K A E K I F Y R A L T H Y L T A S S D	
UniRef90_W9G1A1	Y Y L A S E G P T C N G A T IV T GII IS H L KIV E K II IWY R T L IS T Y L T S S S N	
UniRef90_I4W769 UniRef90_S9QN23	FKLLVTGGTHTGVNVTGVGMNRAAQTWYHANANYFTSTTT	
UniRef90_C1FM65	AY LI A V GMEKSGES <u>N</u> SKD <u>I</u> M <u>A</u> N L FYKA <u>N</u> CHYWDETTD	
UniRef90_S5VPP1 UniRef90_E5WCC1	A Y L I G Q E L G R E K L G K I Y Y R A L T V Y L T S N S D	
UniRef90_A0A024PBG7	A Y T G E Q G K E K L G Q Y Y R A L T V Y L H P E S D	
UniRef90_F4Y1U0 UniRef90_Q9L7Z4	FYIAA LDLGGYAWDKAGWIWYLTLRDKLGSTSDAYL TEKLGKEKAEKIYYRALSQYLTSTSQ	
UniRef90_UPI000225AADB	AYLIGE QIGKEKLGQIYY <u>R</u> ALIVYLIPISD	
UniRef90_A0A017SYI3 UniRef90_UPI000464A176	FYLLSQGGTHSTNVTGIGNAKAAQIFYLANTNYLSASSK FYLLSEGPTYDN <u>S</u> TLTGLGRTK <u>A</u> YKIWYKALSTY <u>M</u> TSSTN	
UniRef90_A3TLC9	FFLASEGSGART <u>V</u> AV <u>TGA</u> GRA <u>NI</u> EKVWYRTLSTKLTSRSD	
UniRef90_UPI00039D1B35 UniRef90_D4E2V9	F Y IL IA A T A IL IG G H S W E Q A G IV I IWY H T IV IC D K T IL IP N A D	
UniRef90_UPI000360A8AD	F Y L <u>L V K</u> G G S G T N Y S V S G L G L A K A D K I <u>I</u> Y R T <u>N T</u> T Y <u>L </u> T S M S Q	
UniRef90_UPI0003B44FAC UniRef90_T4W8F3	F Q L A A T A I G G N A W E R A G Q I W Y D A L L D P A T A N T D A Y N T I T K L G K E K A E K I Y Y R A L T Q Y L T R Q S Q	
UniRef90_UPI000479BE74	FYLVA A FILIGGEA WERAGRI WEDTAT GGAVED CT	
UniRef90_E8NB19 UniRef90_W4TED5	FFLVA TRLGGFAWERAGEI WYRTETAGESPTAD YYLLVTGGSGTNYNVSGEGEDKAGAI AYRTETSYLTSSN	
UniRef90_L7UGA7 UniRef90_C6CPE2	FYILLS OGGERALLIV VIA GILIGILIFK A A HILIWYK A NA DILLIO A N S G	
UniRef90_G8X8Q4	FYL LSVGGSGTNDNI TGITITKAEKI AFRTESVYLSANST	
UniRef90_S3ZAC4 UniRef90_S9QDC1	FYLLAE SLGGHAWERAGKI WYDVLTGQLAQDAS FHLMVSGGTHPRGKTSNNSLQKGAALFYRANTVYLTPSST	
UniRef90_G0EAB7	FYILIAA ILIAI IGGFAWFKAGYAWYDAIVI <mark>C</mark> DKII IAKDAD	
UniRef90_UPI00016C48B5 UniRef90_L9PE77	F Y IL IT A IV IG II IG G N A WE A P G H II IWY E A IL IR A S G A D T Q	
UniRef90_UPI0003818380	FYAAA TALKGNAWEKAGPI WYKAL GELTSTAT	
UniRef90_E8ZLV0 UniRef90_UPI0003750961	A Y II LIA D G F F F M G A K N S K D II M G K II I F Y II I A N C Y Y W D F T T D	
UniRef90_G8S3G9	FYI VALG I GGKSWFAPGHI WYFSI KAS TSKAQ	
UniRef90_E9DYP9 UniRef90_UPI0002629902	FYILAS VAFGGYSWEKAGQII WWKAILISGKII PARCS	
UniRef90_H8DMS8	F Y II IA A T A II IG G F A W F Q A G Y A W Y D T II I <mark>C</mark> D F II IP Q D A D	
UniRef90_A0A024PZP3 UniRef90_D2PNW0	FYLAA VALETPAWESVGPVWYAAMRDALSREAD	
UniRef90_UPI000378D186	F Y L A T E L G G N A W E R A G R I W Y D V L T G G L T P T A D	
UniRef90_UPI00035FE772 UniRef90_R4LJK1	FIV LIA A DAII IG G N A WE A P G AII IWY AIV VIS D GII IK A D C D	
UniRef90_Q8TP44	A Y L T I K G G T H Y G I K V K G I S R A R A E K I Y Y L A L T A Y L <mark> C</mark> S R W R	
UniRef90_A7FTW5 UniRef90_UPI00047CB3E0	A Y IL I IA D GII IE KIL IGIVIE N S K DII IM A KIL IF Y T A N <mark>C</mark> Y E W D E T T N	
UniRef90_UPI0003AA4756	FYILLAVIGPTCDGSSIVISGILIGNDKAGKILIWYRAILITIVI <mark>H</mark> MTSRTD	
UniRef90_A0A024YI14 UniRef90_UPI0003B7A7BB	FYILASEGPTCDGSQIVITGILIGNEKAAKILIWYRAILITIVIYMTSTTD	
UniRef90_F8JMA6	FYMLAEGTTNGSPSVTGVGRDKAAKI WYRALTVYMTSSTN FFLTAVGPTCNNSTVTGI GNDKAGKI WYKALASYANSNEN	
UniRef90_C9Z4U8 UniRef90_U1GJN3	A YIL LIA E G S T Y N G S TIVIT GILIG R A GILIG AIT IWY R AILITIVIY M T S S T N	
UniRef90_UPI000311E966	FYLACIG LGGNSWDRCGKI WYETLTSKLSTRAN FYLLTLGKSGNSYNVTGLNIDKAAKI AYRLESVYLSANST	
UniRef90_W9NZ72 UniRef90_X0MUB4	FYILAS IVIAEGGYSWEKAGKILIWWELMRSKILIAPKCO	
UniRef90_S9P2M6	FTILLISKGGTHSTIIISIVIPAIIIGIVIQKAGAIIIYYKANTDILIFTASTN	
UniRef90_B1IKQ1	AY LV ADG <u> </u> EKIG <u>A</u> KNSKD <u> </u> MGK FYIA <u>NCY</u> K <u>W</u> DEIIN	
UniRef90_E5WLE7	A Y L I T A G G T N N G V D I T G I G R T K A E K I Y Y R A L T L Y L T P T S G	

	200 200 210
UniRef90 F8GDK5	290 300 310 FKRFAK[]TND[V]AGR L YG[L]KSAEQQA V RGGWSA V G L
UniRef90_D1A9T6	F S G F A T A T I LET A E R L LY G A A S A E A E A V R Q A W D G V G V R
UniRef90_UPI00036E3516	FTDFAKVTLAQAQALFGAG DELEAVVKAWSQVGV FTTFAEATLAHATQLSGRQSPQVQALYEAWTSVGV
UniRef90_H7F0F9 UniRef90_S2XAQ8	F T T F A E A T L A H A T Q L S G R Q S P Q V Q A L Y E A W T S V G V F N D A K A S L Y Q S A L D L Y G Q N V A S Q V A Q A W E D V G V
UniRef90_A3TKI2	Y S G A R A A T V K A A G D L Y G A A S T Q A T T V A K T W D A V S V K
UniRef90_Q99132	FEIIFARHTIIQHAAKRF NHTVADIVQQSWETVGVE
UniRef90_F8JP11	FAAFARLTATVAKEKFG DGAEHRAVVDAWTKVGVR
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UniRef90_B4V4B0	F K D F A R <u> L S M</u> A A A <u> V </u> A R F G E G G A E Q R A L Q K A W S T V G V P
UniRef90_B4UX78	Y A G A R A G T A A A T E L Y G A G S A E V K T V T D A W A A V N V
UniRef90_E8N0T6 UniRef90_U1YUV4	FQDAANLT FAVAGDL FGVN SLEQQAVK RAWSL VGI E FGK FARTTLATAEEL FGAGSAE <mark>H</mark> DAVRKAWDTVKVR
UniRef90_0110V4 UniRef90_L1L0C0	Y K G A R T A T L N A A S S L Y G S S S A E Y
UniRef90_V6KE56	Y A A A R T G T L A VA G E L Y G T S S A E Y K S VA D A WA G T A V
UniRef90_G2GLZ8	F A D F A K <u> L T A</u> K A A R E <u>R</u> F G D G G A E F Q A V S K A WE Q V G V R
UniRef90_UPI0002883A97 UniRef90_Q4V0K4	Y A G A R A A T L N A A R D L Y G A G G T E Y A T V A A A W S A V N V F A T F A A L T V R V A S T D Y G A G S A E A S A V E Q A W R D V G V
UniRef90_B0TT87	FASARY <mark>C</mark> TALQAKALFDGGSDHQTSIHLAWDAVGVP
UniRef90_D6TYJ1	FSDFATILITIVIKHASAILIYGANSQEQQAII IQKAWETIVIKIVI
UniRef90_UPI0004299AEF UniRef90_A3TN51	Y A D A R T F A L K A A E D L F G A G S N Q V V Q T T N A WN A V G V F T T F A A L T E E A A V S A H G E D S P E V A A V R N A W S E V G V
UniRef90_A3TN3T	Y R G A R R D T L K A A A D L Y G M C G A E Y Q A V Q T A W S A V N V
UniRef90_W9E145	F S D M R D A V L D S L D D L Y S S N S R W R A S I T N A F A A V G I
UniRef90_I2MXY6	F S E F A R L T V A A A R A R Y G D G A E L Q A V Q K A W S T V G V P F T D A K K A L Q Q A A K D L Y G E D A S K K V A E A W E A V G V
UniRef90_P23224 UniRef90_W6VQ87	FSAFAQLTVEHARQGFGAKAVE AVRHGWSEVGV
UniRef90_UPI000362FFE6	V A C A P T A T I O A A A D I E C O C S D T V E A IV C N A WA A IV N IV
UniRef90_UPI00047EFB32	F S R F A D V T V D A A K A R F G E G S P E V E A V G Y A WR E V G V F L S F A R L T V T A A A R L Y G S G D E E K L V R D A WN Q V G I K
UniRef90_H8MID7 UniRef90_Q0RGY3	F LS F A R L T V T A A A R L Y G S G D E E K T V R D A WN Q V G I K F R S F A A A T R R Q A G V L F G A D E R K A V T E A WR E V G I
UniRef90_U2SMX8	FEAAKTATE <u>Q</u> AAAQL GYSAAE <u>L</u> ESV <u>S</u> NAWRAVGV
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Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Jurikef90_ C9QAG3 Juri	UniRef90_L0FUN8	T L N L N N S D N G T A A D F S N T G T N W T S G N D Q Q A L D V H W G A E M V
Jurikef90_UP100047073A9	UniRef90_UPI0003691776 UniRef90_J8LTF1	VYDSQETEQKRR <u>KI V</u> RDEGDS <u>PT</u> NDDD VNRAYDFSG <u>FT</u>
Dy a G E T P Q G F L G K L Q S S N S P V F N S T S A A H G V D A H Y Y A G H V V D IniRef90 LP100042A6F6A T N L G T Q M F G N G T L V V D A D N F W G N N S Q T A A A D V A Y G Q W D IniRef90 B1KR36 T N L G T Q M F G N G T L V V D D A D N F W G N N S Q T A A A D V A A Q Q E D IniRef90 B1KR36 T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E D IniRef90 B1KR36 T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E D IniRef90 B1KR36 T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E D IniRef90 B1KR36 T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E D IniRef90 B1KR36 T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E D IniRef90 B1KR36 T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E D IniRef90 B1KR36 T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E T Y S W E N G V E S Q K P F D D S W G N G D P T N R E T G C V D A F Y A A Q Q E T N S Q T A S T G T S T A K I F T T T T T T T T T T T T T T T T T T	UniRef90_C9QAG3 UniRef90_UPI00047073A9	MRNMNGANVNYASLVTSSSTTFNSGNDKYYMAAYWGMEKT
Junikef90	UniRef90_H6NTM1	D Y A G E T P Q G F L G K L Q S S N S P V F N S T S A A H G V D A H Y Y A G H V
Juiref90_B1KR36	UniRef90_E9URU6	CQNSSGN V TYTGT DDSWGNGDPTNRETG <mark>C</mark> V DAFYAAQQE
JniRef90_UP100046F038A UniRef90_W1Z318 JniRef90_W7Z346 JniRef90_R7Z346 JniRef90_A0A021W104 JniRef90_A0A021W104 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89 JniRef90_LP2A89	UniRef90_B1KR36	EYD <mark>C PRNT V KE I NGAYAP L NDAHFFGN VI </mark>
Juiref90	UniRef90_UPI00046F038A	
Jniref90	UniRef90_H8MXU4 UniRef90_W1Z3I8	VY DVN H G G SL P G T L A R A E G G A T V A D P T V N T N Y D L L G T T T V T M E S G F E P S E A Y C D R N T Y K E V N G A Y S P L N D A H A F G T A V
JniRef90_H1ZA89	UniRef90_R7Z346	I IY D M Q F F F DILIP GIV LIA R S F G N P PILINILIG D P SIVINILI <mark>C</mark> Y D NILIRILIA
JniRef90_D2AUV0	UniRef90_A0A021W104	TRDEFNTTGSTAKI FTDTDNWGNNRATAAADVNYGVAST
JniRef90_A6AL37 JniRef90_M5GZH7 JniRef90_M92 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VB12 JniRef90_A0A021VB12 JniRef90_A0A021VB12 JniRef90_D6X7E4 JniRef90_D6X7E4 JniRef90_D6X7E4 JniRef90_D6X7E4 JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP10003760AC JNIREf	UniRef90_D2AUV0	GGQNGSAYTGTDDAW GNGQGTNII IFTA <mark>C</mark> IVIDAII IYAAQTF
JniRef90_A6AL37 JniRef90_M5GZH7 JniRef90_M92 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VYJ2 JniRef90_A0A021VB12 JniRef90_A0A021VB12 JniRef90_A0A021VB12 JniRef90_D6X7E4 JniRef90_D6X7E4 JniRef90_D6X7E4 JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP10003760AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP100037600AC JniRef90_UP10004708577 JniRef90_UP10004708577 JniRef90_UP10004708577 JniRef90_UP20004708577 JniRef	UniRef90_UPI000393D779	TVDLNGRKSGTTPYSYRNDYKAINGAYSPLNDAHFFGKVV
JniRef90	UniRef90_A6AL37 UniRef90_M5GZH7	T <u> </u>
JniRef90_A3UN73	UniRef90_I4WP92	M Q N A N V K T N N T G T L WP N S S G D G V N G A Y S P N D A H H F G G V V
JniRef90_UPI0004714AD5 T N D G R T S G S W H T F N C P T N T V I N G A Y S P L N D A H Y F G K V V P R N T V K E I N G A Y S P L N D A H Y F G G V V P R N T V K E I N G A Y S P L N D A H Y F G G V V P R N T V K E I N G A Y S P L N D A H Y F G G V V P R N T F K A V N G G F S P V N D A H F F G K V I D N N R N D D A V D D A H Y F G G V V D D A H Y G A A Q V D D A H Y G A A Q V D D A H Y G A A Q V D D A B C G R W A G T G V A V S D T P E V K G R A T E S G A V D A H Y G A A Q V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R V D D A B C G R C D D A C C G C C D D A C C C C D D A C C C C C C C C	UniRef90_A3UN73	R F S C N G N N G V N V N N Y R A V N G A Y A P M N D A H Y F G Q R V
UniRef90_X8LDK5	UniRef90_UPI0004714AD5	TUNED GRTSGSVHTFNCPTNTVINGAYSPLNDAHYFGKVV
JniRef90_A0A021WB12 A V D L A G S T S A A G K T C P R N T F K A V N G G F S P V N D A H F F G K V I J I J N Ref90_D6X7E4 JniRef90_UP100037600AC T Y D A E G R W A G T G V A V S D T P E V K G R A T E S G A V D A H Y G A A Q V J N Ref90_F9SHZ9 JniRef90_UP10004708577 T M N M N N R Q D Y G Q V H Q F A N D Y R A I N G A Y A P M N D A Q Y F G Q Q V J N T Y R Q V N G A Y A P M N D A Q Y F G Q Q V J N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R Q V N T Y R	UniRef90_X8LDK5	E H M A H S D F A II I I I M R E E D K I V I A P T E P A H R I V I F D A II I G IL I I
UniRef90_UPI00037600AC T Y D A E G R W A G T G V A V S D T P E V K G R A T E S G A V D A H Y G A A Q V UniRef90_F9SHZ9 T M N M N N R Q D Y G Q V H Q F A N D Y R A I N G A Y A P M N D A H Y F G Q R V UniRef90_UPI0004708577 M N N R E W G G Q V H Q F T C P Q N T Y R Q V N G A Y A P M N D A Q Y F G Q Q V UniRef90_Q72M70 S Y S W E F V R V A P S A L L I D T D N N W T D Y N H D A V L D A H W G I E H T T N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P P A P W S P A A I S A H A N A Q F V I D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D N P M T D T D T D N P M T D T D T D N P M T D T D T D N P M T D T D	UniRef90_A0A021WB12 UniRef90_D6X7E4	A VIDILIA G S T S A A G K T C P R N T F K A V N G G F S P V N D A H F F G K V I
UniRef90_Q72M70 SYSWEFVRVAPSALLIDTDNNWTDYNHDAVLDAHWGLEHT UniRef90_X5LFD0 TYDEGEERSUPGTAPU TNPPAPWSPAALSAHANAOEV	UniRef90_UPI00037600AC	T Y D A E G R WA G T G V A V S D T P E V K G R A T E S G A V D A H Y G A A Q V T M N M N N R O D Y G O V H O E A N D Y R A I I N G A Y A P M N D A H Y E C O D V
UniRef90 X5LFD0 TYD FG FFR SILIPG TA PILL TN PPA PWS PA A ILIS A HANA O FIVI	UniRef90_UPI0004708577	MNNREWGGQVHQFTCPQNTYRQVNGAYAPMNDAQYFGQQV
	UniRef90_X5LFD0	TYDEGEERSII PGTAPII TNPPAPWSPAAII ISAHANAOEIVI
UNIKET9U_UP10U035EAE4D IWDASSHUVGDVAVFESAIAEFGAATDAGAVDAHWAAGQV UniRef90_UP10003655192 LWTLRFQNESILNYVYSDNVNTWEADQIISA HSNSGYV	UniRef90_UPI00035EAE4D UniRef90_UPI0003655192	T WD A S S H D V G D V A V F E S A T A E F G A A T D A G A V D A H WA A G Q V WT L R F Q N E S L N Y V Y S D N V N T WE A D Q L S A H S N S G Y V

UniRef90_UPI0004752E1F	90 100 110 120 F D M Y N E WL G V S P L T E D P M Q L M L R V H Y S N N Y E N A F W D G S S M
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UniRef90_E6XD39 UniRef90_U3H9V3 UniRef90_A9DN54	RAYFKDTFNLNSVNGEGMDLVSNVHYGENYNNAFWDGDEM FQMYGNWFGGLRPLNE KKLYMKVHYGNGYENAFWDGQAM YDYWLNVHGREGIDGNGFAMRSYVHVGGSWVNAAWNGSVM
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UniRef90_E3BM96 UniRef90_UPI000476E922 UniRef90_UPI000373FEA1	Y D A L K N V L G W R S L D G R D T A T H L A V H V N R G Y D N A Y Y S D T C R W Q F Y Y D L F G R N S L D N L G M L I Q Q Y L H Y D K K Y D N A F W D G R R M Y D Y F K N K H G R D S F D G F G A P L L S T V H Y C C P Y G N A F W D G T Q M
UniRef90_UPI0003733615 UniRef90_J3D5F1 UniRef90_Q11VT5	ILID F F H QII IF G R D S ILID D R S M RIVIE S A IVIH F G K N F A N A M W I G E Q M
UniRef90_L8XCT4 UniRef90_UPI000423E4EB UniRef90_UPI00026CD177	Y D Y Y S A I H G R T S I D G N G G T I I S F I N V G T P M D N A F W N G K A M Y R L Y Q D W L N T A P L T F K L K M R V H F G Y K F E N A F W D G E A M R D Y F K T T F N L N S V N G E G M N L V S N V H Y G E N Y N N A F W D G D E M A K F Y W D L F Q R D S I D G N H M T L V S S V H Y G V K Y N N A F W N G A Q M F D M Y K D W M N T T P L T F Q L T M R V H Y D S N Y E N A F W N G S S M
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UniRef90_UPI000476D1AA UniRef90_D8I3V2 UniRef90_T1W4Y3	Y Q F Y E E V F Q R T S I D D D N L K M I G S I H Y D D G M D N A F W D G D E M Y N M Y Q Q W L G V A P I K G K L H M R V H F G S G Y E N A F W D G A Y M W K M L A D W L G R N G I D G A G G G F R A S V G L N D V N A Y W D G S S T Y D F Y E Q V L H R N S I D G N G L R L D S S V H Y S K N Y N N A F W N G S Q M W D M L E E K F S R N G I D D A G R T A T M F V G L P A A N A Y Y D A S R D
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UniRef90_M6IDE1 UniRef90_UPI00037AA654 UniRef90_P14756	Y D Y F K S V H N R L S Y D G N D S K V V N N V H Y F N A F N N A Y W D P E E I Y D Y F K S L H N W L S F D G N D S K V V N N V H Y V E L F N N A F W N P E E L F K L Y R D W F G T S P L T H K L Y M K V H Y G R S V E N A Y W D G T A M
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  UniRef90_M5GZH7
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UniRef90_S9NU63 UniRef90_UPI00035C33D8	S G G II IN F A T S D II IF G T MIVIF Y S A N D C	PDYILIGEKIVIDILIEG NGT
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UniRef90_J3D5F1 UniRef90_Q11VT5	SGAILINES MADILIEGUMILIDSILI	DWKIIGEDIVIISKYPSG
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UniRef90_H0EY41	S G A IL IN E S M A DIV IF G T MII IK Q Y F A A D	A D WIL I IG E GII IFILI <mark>P</mark> A II IT G K
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UniRef90_UPI0003A34FB3 UniRef90_Q2SJ90	P G G M N F A F S D M A G F A A F F F M H G F	NDFYIVIGAAII IMKN GD
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UniRef90_E9URU6 UniRef90_K8M3L7	G N T Q E F V A D T F G A A T E WY A N D T S G A L N E G F S D L WN L A V N H F V N H K S G G M N E A F S D M A G E A A E F F M H G T S G A L N E A F S D M A G E A A E S F L L G C S G G I N E A F S D M A G E A A E S F L L G C S G G I N E S F S D M A G E A A E S F L L G C S G G I N E S F S D M A G E A A E S F L L G C S G G I N E S F S D M A G E A A E S F L L G C S G G I N E S F S D M A G E A A E S F L L G C S G G I N E S F S D W F A A L V E Q W T A A D S G G I N E A S S D I F G T L V E F S V N N A S G G I N E G F S T G D I F G T S V E H F A A N P A G G I N E S T G D I F G T S V E H F A A N P	NI WLEGDET APGG
UniRef90_B1KR36 UniRef90_E8N180	S G G M N E A F S D M A G E A A E F F M H G T S G A N E A F S D WG E W D Q T N G K G	N D W L V G A D I F K A D G S N D W L L G E D L P A S V G
UniRef90_UPI00046F038A UniRef90_H8MXU4	S G G I N E A F S D M A G E A A E S F L L G C P G A L N E S M S D I M G S V C E W Y R N G C	N D W Y V G A D I T K R T T N T W K C A E E II Y T P A T S G D
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UniRef90_H1ZA89	S G A L N E G F A D I F G T S V E H Y A V N D	A D WL I G K G V V K G G G Y S
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UniRef90_H8MFJ2 UniRef90_UPI0004714AD5	S G A L N E G F A D I F G T S V E H Y A V N D A G G L N E S T G D I F G A L T E H F A A N P S G G M N E A F S D M A A G E A A E F Y S R G S S G G I N E A F S D I A G E A A E F F V R G E S S G G I N E A F S D M A G E T A E F F V D R G E S G G I N E A F S D M A G E T A E F F V D R G E S G G I N E A F S D M A G E T A E F F Y D R G E S G G I N E A F S D M A G E T A E F F Y D R G E S G G M N E S F S D V A A A A L S E F V H G S S G G M N E S F S D V A A A A L S E F V H G S S G G M N E A F S D M A G E A A E F F F M K G S S G G M N E A F S D M A G E A A E F F F M K G S S G G M N E A F S D M A G E A A E F F F M K G S S G G M N E A F S D M A G E A A E F F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S S G G M N E A F S D M A G E A A E F F M K G S C M A C M C M C M C M C M C M C M C M C	S W W H II A E T A W T P G T S G D
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UniRef90_D6X7E4 UniRef90_UPI00037600AC		'
UniRef90_F9SHZ9 UniRef90_UPI0004708577	S G G M N E S F S D V A A A A L S E Y V H G S S G G M N E A F S D I A A A A L G Q Y V F G D S A A L D E G F G D I W N V G V N H Y V N H K S G A L N E S Y S D L M G T L I A N S Q K P D	FNWKMGE <mark>H</mark> VMK YSP F <u>N</u> WKMGEDVMK HSE
UniRef90_Q72M70 UniRef90_X5LFD0	S A A L D E G F G D I W N V G V N H Y V N H K S G A L N E S Y S D I M G T I I A N S O K P D	NVWRFGDETVLNGGMRS
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JARRESO DEVICEZ. A L R S M.K. N. P. G. T. D. P. G. T. D. P. G. T. N. T. T. T. T. T. T. T. T. T. T. T. T. T.		210 220 230 240
JIRRESP UP1004279359 A L R S ML A P G T M S N V H T E G G D N G G V H N S G I P N H A A IMPRESP UP1004279359 A L R S ML A P G T N T O P D H M D V V P G D D G S V H N S G I V N R A A JIRRESP UP10042794 A L R S M K A P G T D T O P D H M D V V P G D D C G V H N S G I V N R A A JIRRESP UP10042794 A L R S M K A P G T D T O P D H M D V V P G D D C G V H N S G I V N R A A JIRRESP UP10042794 A L R S M K A P G T D T O P D H M D V V P G D D C G V H N S S G V N N R A M A P G T D C S M S M A P C T D C P D M S M D V V P G D D C G V H N S G I V N R A M A P C T D C P D M S M D V V P G D D C G V M N S G I V N R A M A P C T D C P D M S M D V V P G D D C G V M N S G V N N R A M A P C T D C P D M S M D V P G D C G V M M S G V N N R A M A P C T D C P D M S M D V P G D C G V M M S G V N N R A M A P C T D C P D M S M D V P G D C G V M M S G V N N R A M A P C T D C P S M D G S M D C G V M M S G V N N R A M A P C M C M S M D C M S M S M P N M Y D P F G D C S S M S M P N M Y D P F G D C S S M S M P N M Y D P F G D C S S M D G S M D M W N M S S G M M M R A M M Y D P F G D C S M S M S M P N M Y D P F G D C S M S M M S M P N M Y D P F G D C S M S M M M M M M M M M M M M M M M M	UniRef90_UPI0004752E1F	ALRYMEDPTLDGSSIKHAANYYNGMN VHYSSGVYNRA
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JniRef90_UP10003691776	UniRef90_U2ZHC2	AIL IR Y M D Q P S R D G A SII IE H A A Q Y H D GII IDIVIH H S S GIVIY N R A
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L R S L E N P E Q H G Q P K H M D H F Q E L Y D D N G G V H M S G I P N H A D J N I R H S D D P 10004246F6A L R Y M F K P S L D G A S R D C		A L R S M K A P G T D P Q P D H L R N Y M P E D D H G G V M I N S G I P N K A G L R Y F D Q P S R D H A S Q Y S G L D W M L S S G V F N R A G M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M C M
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Juiref90_B1KR36	UniRef90_E9URU6 UniRef90_K8M3L7	GILIR S A O N P K S T GIL L INILIG P T T Y K GILIF W D F FIVIH T N S TIV L IS H W
JniRef90_NBMXU4 JniRef90_NBMXU4 A L R Y F E T P S L D G Q S L D Y F D Q T F S P F T D V H Y S S G V F N R A J N R R P G D Q T S P S P T D V H Y S S G V F N R A J R R P F E T P S L D G Q S L D Y F D Q T F S P F T D V H Y S S G V F N R A J R R P F E T P S L D G Q S L D Y F D Q T F S P F T D V H Y S S G V F N R A J R R P G D Q S D D A S E K Y T A S E D R Y G V H I N S G I P N K A L R S F V N P G K D P Q R A Q W S E K Y T A S E D R Y G V H I N S G I P N K A L R S F V N P G K D P Q R A Q W S E K Y T A S E D R Y G V H I N S G I P N K A L R N L A K P G T A F N P D R Q L S H F S Q Y N D S L D V H V T S G I P N R A A L R N L A K P G T A F N P D R Q L S H F S Q Y N D S L D V H V T S G I P N R A L R Y W D D P K N N R N G A K Q P N T Y K G S D D A G G V H T N S G V I N Y W D N R N G A K Q P N T Y K G S D D A G G V H T N S G V I N Y W D N R N G A K Q P N T Y K G S D D A G G V H T N S G V I N Y W D N R N G A K Q P N T Y K G S D D A G G V H T N S G V I N Y W D N R N G A K Q P N T Y K G S D D A G G V H T N S G V I N Y W D N R N G A K Q P N T Y K G S D D A G G V H T N S G V I N Y W D N R A L R Y M D Q P S K D G K S P G D W S I D T T D Q Y Y E V H F S S G V F N R A D D N R S I D N A A N F T S T M D V H Y S S G V F N R A A L R Y M D D P P L D G R S I D N A A N F T S T M D V H Y S S G V F N R A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D D N R S I D N A A N F T S T M D V H Y S S G V F N K A D N R S I D N A A N F T S T M D V H Y S S G V F N K A D N R S I D N A A N F T S T M D V H Y S S G V F N K A D N R S I D N A A N F T S T M D V H Y S S G V F N K A D N R S I D N A A N F T S T M D V H Y S S G V F N K A D N R S I D N A A N F T S T M D V H Y S S G V F N K A D N R S I D N A A N F T S T M	UniRef90_B1KR36	ALRYMEDPT LOGRSLGDAADYYDGMD VHFSSGVFNKA
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                                                                                                                                                                                                      G S A P A N F S F S A I N D T M Y F A G V T G G A L I S E A E D P A N E C Y I G L K K T T Y D S V N G A Y S P A F D A F F Y G T T I L D T S P A N Y S F S S V N D A M Y F A G V T K V V K R S G W D T S A V S A H A N A A V V T P N F A D K E A A G A M K N M S D I T V N F A D K E A A G V M K N M G D L G G G A A T D Q E T G C V D A M F V V S R E
                                                                              N D G
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A F S Y P C S K E S Q Y I N I N D G
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160

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UniRef90_Q5X4Q0 UniRef90_UPI0004663CF0	S G G I N E A F S D M A S T A M Q D Y L R K D F P W Y W D G	E D WS LG LS G E
UniRef90_N1LQT2	S G G I N E S F S D M A S I A M Q D Y L R Q E F P W Y W D G S G S L N E S L A D V F A T M S N W L I G E S G G I N E A F S D M M G E T A E Y Y V G M L D W M V G Y S G G I N E A F S D M A S I A M Q D Y L R K D F P W Y W D G P G A L N E A Y A D L F G V L V E G A T G V D R W L I A E T S A L N E G L A D F W G T Q I E Y Y V K K D K G N T T K A L N E G L A D F W G T Q I E M Y V K K D K G N	WIMGDILGGL
UniRef90_R8GI09 UniRef90_G8SKZ5		
UniRef90_W7YPL3 UniRef90_R7XUD3	A G G M N E S T G D I F G A L T E F F A N N P G D Y T V G E S G A L N E S F S D I F G I A I D F Y V Y P T A N Y L M G E G G T Q E F L G D A L A T A T E Y Y D G Q T P D H T I G E	QIFTDGVSF EIDL VGQG
UniRef90_UPI00046C4E26	P Y A L N E G F S D WN A VN N Y VN Q K N L W L I A D	ET V G G G
UniRef90_UPI00035E257F UniRef90_UPI00037C1E78	P Y A L N E G F S D I WN I A V N N Y V N Q K N L WL I A D P G A L N E H M S D A F G Y L V E A K Y Q N G G D W K M A E P G Q E S V A D I W G A L T E N Y L N N P N D Y E V G E	DVTIN GD MINL VGNG
UniRef90_G1XIW0	P G A L S E S L A D V F A L M T Q Q WY S E D S D W L G K	TAILPGHPGM
UniRef90_UPI00035987E3 UniRef90_F0BZY8	S G G L N E A T S D L M G A M V E Y S A N N S A N Y L I G E	
UniRef90_C8CT72 UniRef90_M6WRT6	S G G I N E A F S D M A G E A A E N F M K G S N D W L V G A P G A L D E G F S D W N V G V N N Y V N O K N W V G D	QLLFK GNG ET VPGG
UniRef90_M6LVT7	P G A L S E S L A D V F A I MT Q Q WY S E D S D W I I G K S G G I N E A F S D I S G E L A D K F G H G S N D W M V G Y S G G L N E A T S D I M G A M V E Y S A N N S A N Y L I G E S G G I N E A F S D M A G E A A E N F M K G S N D W L V G A P G A L D E G F S D I W N V G V N N Y V N Q K N I W L V G A P G A L N E G F S D I W N V V N H Y V N N K N I W L F G D S G A M N E A F S D I W G E T V D L L N N Y Q D A W R M G E S G A M S E S T A D S M G A L T E A Y A N Q P P D Y T V G E S G A M S E S T A D S G L W E S T A D S G E W C T S T K D E B S G A M S E S T A D S G L W G E T V D L L N N Y Q D A W R M G E S G A M S E S T A D S G L W G E T V D L L N N Y Q D A W R M G E S G A M S E S T A D S G L W G E T V D L L N N Y Q D A W R M G E S G A M S E S T A D S G L W G E T V D L L N N Y Q T N S T K L B B S G A M S E S T A D S G L W G E T V D S T K L B B S G A M S E S T A D S G L W G E T V D S T K L B B S G A M S E S T A D S G L W G E T V D S T K L B B S G A M S E S T A D S G L W G E T V D S T K L B B S G A M S E S T A D S G L W G E T V D S T K L B B S G A M S E S T A D S G G L W G E T V D S T K L B B S G A M S E S T A D S G G L W G E T V D S T K L B B S G A M S E S T A D S G G L W G E T V D S T K L B B S G A M S E S T A D S G G L W G E T V D S T K L B B S G A M S E S T A D S G G L W G E T V D S T K L B B S G A M S E S T A D S G G G M S E S T A D S G G G G G G G G G G G G G G G G G G	ET RPSG
UniRef90_M7MIF4 UniRef90_S1SY53	S G A M N E A F S D I WG E T V D L L N N Y Q D A WR M G E S G L G E A T G D I M G A L T E A Y A N Q P P D Y T V G E S G A L N E S I A D S I G I W E H A N K Q T N S T K I P R	EDDLQG RG
UniRef90_F5ZA59 UniRef90_UPI00038140FD		
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UniRef90_UPI0003A21CA1 UniRef90_UPI00047EC96D	TO EAIVIADII IWGAII ILEAYII INN PND YEIVIGE	RIVIDII IAG NG
UniRef90_E4NJS7 UniRef90_K6Z0X8	AG IGEATGDIMGALTEAYANEPPDYTVGE	MINLVGSG
UniRef90_I4BL97	S G A L N E S Y S D I WG E T V D R N G R E D S W L L G E S G A L N E A M A D I MG M L I E G K S G T D K W L L G E A G A I N E A L S D I L G V A V E K Y A N N K F N W T M G E P G A L N E S F S D V F G Y F V D S D D W T M G E	DATAVIGLIG D SGLG
UniRef90_J8QNS9 UniRef90_T0CI74	A G A I I N E A L S D I L G V A V V E K Y A N N K F N W T M G E	Q S <u>GL</u> DLYK T <u>P</u> NT
	. E. A. E. E. E. E. E. E. E. E. E. E. E. E. E.	

	210 220 230 240
UniRef90_D9TEJ5 UniRef90_UPI0002E8DAB9	PLRNMYNPSALGDPNC YSSSIPSTEVHAAAGPGNHW AMRHMDNPPLDGKSLGHAKDYYDGMD VHHSSGVFNKA
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UniRef90_M2QLD0 UniRef90_UPI000363E8A7	AIVIR N M K D P T Q F G D P D K M T S PIL IWT G D D Q G GIVI <mark>H</mark> R N S GIVIG N K T
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UniRef90_D9UX46 UniRef90_W7CH42	PIRNMYDPSQLGHAN <mark>C</mark> YDDSIPGTEVHAAAGPGNHW ILRDFEHPTNHNQPDHMNNFLPETNDQGGVHINSGIMNKA
UniRef90_UPI000372781E UniRef90_F2R0Y5	L R D F E H P T N H N Q P D H M N N F L P E T N D Q G G V H L N S G L M N K A P I R N M Y N P S L V N R D P N C Y S S L P S T E V H K A A G P L N H W P L R N M Y N P S L V G G D P N C Y P Q L N S G T E V H A A A G P Q N H W
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UniRef90_UPI0003690FA6 UniRef90_UPI0004773586	AFRYMNNPTQDGYSKDWWPDPNNQNDNGGVHGNSGIANLA ALRDLND GRDAQKDYEPIPLD IDNGGVHFNSTIVGGA PLRNMYNPSELGDPNC YSSALPGMGVHTAAGPGNHW
UniRef90_UPI0003B7A2AD UniRef90_K1ZZ50	GCRNEANPNSDPCHUSQYIYVPISNDYGGVHUNMTIYSHA ALRYMDDPTKDGKSLDNIKNY NDDLEPHITSGIFNKV
UniRef90_UPI0003775EAF UniRef90_G8SCI3	
UniRef90_UPI0003658F85 UniRef90_V4I398	ALROLNOGASTSKNFLGVAFGT DNGGVHLNSTIFSGA
UniRef90_V4I398 UniRef90_G9EJV9 UniRef90_K0JSE1	ALRYMENPER BGRS ADCNIPS PQDRQSF VHT ASGIFNKA PIRNMYNPSALGDPNCW SSAIPGT EVHAAAGPLNHW PIRNMYNPSALGDPNCYSSSIPGS EVHAAAGPGNHW
UniRef90_C7PWH7 UniRef90_UPI000479F061	PI R N M Y N P S A L G D P N C Y S S S P G S E V H A A A G P G N H W A L R W M D D P K A A G N P D D D D C D P T L A N D Q C G V H N N S G V L N K W
UniRef90_A9AUG9	A L R WMD D P K A A G N P D D Q D C D P T L A N D Q C G V H N N S G V L N K W I R N M Q D P T Q G D Q P D R M L S E L Y V L D P N G G V H S N S G V A N K A P L R S L A D P N L K G Q P D H Y S C G S T A Y Q D N G C V H F N S G L L N K F
UniRef90_UPI000376C308 UniRef90_UPI0003701A7A	ALRSMKEPGKDPQVGHMKQFRTTFEDNGGVHLYSGIPNKA
UniRef90_F9FXP7 UniRef90_W8F8Z4	
UniRef90_UPI000474EABE UniRef90_UPI0003ACEF1A	ALRDLDD GATTQDDFIGVTYRG DNGGVHLNSTLFSGA PIRNMYDPSALGDPNC YSSSIPRTEVHAAAGPQNHW
UniRef90_UPI0004780B07 UniRef90_W7J899	ALRDLDD GATTQDDFIGVTYRG DNGGVHLNSTIFSGA PIRNMYDPSALGDPNC YSSSIPRTEVHAAAGPQNHW PIRNMANPS QVNGDPNCYSSRIPSTEVHAAAGPLNHW PIRNMYNPSLVNNHPNC YSASIPSTEVHAAAGPLNHW CLRNLQNTNASNAMSQLANTYASPQYNGDSYVRGGVFSHW
UniRef90_G8UII0 UniRef90_B2W266	
UniRef90_S4ASA1 UniRef90_UPI00029A8F2C	R L C R T K S P R E C A F R D L N D A R N T A K H D N G G V H L N S T I F G G A P I R Y M Y D P S K L N H P S C Y S S S L P T T E V H A A A G P L N H W
UniRef90_U1K854 UniRef90_K0K0Q2	ALRYFDKPSKDGRSIDHADQYTLGLD VHYSSGVFNRA AIRDLNDGRT TVHDYLGVTNNTDNGGVHLNSTIFGGA YIRNMSNPSLGKQPDTYQGTFWVNNDYGGVHANSGVGNYW
UniRef90_J2K5F8 UniRef90_R4LV56	All IR DII ID D G T T T A D F Q HII I ID S P S M D D G GIVI <mark>H</mark> II IN S T II VIS G A
UniRef90_UPI0003C73E35 UniRef90_UPI000362FFD7	
UniRef90_U1JLA6 UniRef90_UPI000375BFC1	PLRDLSDPTLRGQPAHMDDFVVTAADNGGVHKNSGIHNKA AMRYLDMPSKDGRSIDHASEYKSGLD VHYSSGVFNRA PSRSMATPSLYDDPAHMSEYKYASNDHGGVHTNSGIPNRA PIRNMYNPSQVGNNPNC YSASIPNTEVHAAAGPLNHW AIRDLDKLRT THDDFLGTSEDEGGVHLNASIVGGA PLRDMSDPARRNQPAHMSDFLSEDNDHGGVHINSGIHNKA VLRDMKNPSSVPYPDDYSKYSDNGEDNEGVHFNSSIINKV AIRYMDNPTQDGESIDNASSYYEGLN VHHSSGVFNKA ALRDMKNPGTAYDDDRIGK AIRYFDDPTMDNRSUTHIRDYYEGMD THSSSGVFRKV
UniRef90_UPI0004156B18 UniRef90_K6V576	AL R DLD KLRT THOD FLIGTS EDEGGVHLINA SI VIGGA
UniRef90_G9ABU1 UniRef90_Q6HYD5	VLRDMKNPSSVPYPDDYSKYSDNGEDNEGVHIINSGI HNKA
UniRef90_UPI000366496B UniRef90_A0A017S559	A I I R Y M D N P T Q D G E S I D N A S S Y Y E G L N V H H S S G V F N K A A L R D M K N P G T A Y D D D R I G K D N Q L A H W K D F K K L
UniRef90_V3ZWW2 UniRef90_Q5X4Q0	ALRYFDDPTMDNRSITHIRDYYEGMD THSSSGIFRKV PIRYMDYPTKDG HSIEHFDDYHDDLDVHLTSGIFNRA
UniRef90_UPI0004663CF0 UniRef90_N1LQT2	PIRYMDYPTKDG HSIEHFDDYHDDLDVHLTSGIFNRA TIRNLADPTSGPYRDRLSNAYTGSGDDHGEHVNSTIFSHA TIRDI PREIGDGGHKLYTFYNDGNNQESHVNSGIISHV IFRDL PKEIGDWGNLQEFYKDTND KEEHLNSGIISHV
UniRef90_R8GI09 UniRef90_G8SKZ5	FRDI PKEI GDWGNLQEFYKDTND KEEHLNSGI I SHV PIRNMADPSKLGDPNCFS SAIPNTEVHSAAGPQNHW LRNISDPKAGYHPDTYKGTYWGSADYGGVHKNSTVQSYW
UniRef90_W7YPL3 UniRef90_R7XUD3	L R NIL S D P K A G Y H P D T Y K G T Y WG S A D Y G G V H K N S T V Q S Y W
UniRef90_UPI00046C4E26 UniRef90_UPI00035E257F	GMRSAENPKSTTVLHSGPNTYYGDLWNNEPHTNSLVLSHW GIRNMQDPTIFGDPDHIDSPYYGSADFGGVHTNSSVPNKV PIRYMYNPSK VSGHPNCYSTSLP GSVHAAAGPMNHW GLRSLKEPGKAFLKDLQIQHYDEYNDNLEVHLSSGIPNKA
UniRef90_UPI00037C1E78 UniRef90_G1XIW0	PI RYMYNPSK VSGHPNCYSTSLP GSVHAAAGPMNHW GLRSLKEPGKAFLKDLQIQHYDEYNDNLEVHISSGIPNKA
UniRef90_UPI00035987E3 UniRef90_F0BZY8	FERTFEINFFUUGRSESHVRUTSSSE GVASTSGEITNAA
UniRef90_C8CT72 UniRef90_M6WRT6	S L R Y F E D P T R D G S S I G H A S D Y Y D G I D VH H S S G V Y N R A G M R S V S N P K S T T V L G P G P N T Y W D F E D N E P H T N S L V L S H W
UniRef90_M6LVT7 UniRef90_M7MIF4	GIRSASNPKSTTVKYPGPNTYKGELSDVDVHRNSNVLSHW AIRDMWNPPCNGDPGTDGQFYCGEGDGGGVHSNSGIPNHA
UniRef90_S1SY53 UniRef90_F5ZA59	GIRSASNPKSTTVKYPGPNTYKGELSDVDVHRNSNVLSHW AIRDMWNPPCNGDPGTDGQFYCGEGDGGGVHSNSGLPNHA PLRNMYNPQLVNNDPNC YSSALPRTEEHAAAGPMNHW PERDLADPSSYPDHMNDFLNWPIKKDRGGVHLNSSLMNMA
UniRef90_UPI00038140FD UniRef90_W9AM01	PYRSMQDPSAYGQPDPCGCHDNTTDDFDYVHSNSGILTFA
UniRef90_UPI0003A21CA1 UniRef90_UPI00047EC96D	P R Y M Y E P A K A G H P N C Y S A S L P S V H A A A G P M N H W A I R D M W D P T C K G S P G K V S Q F W C S G I D F G G V H T N S G V P N H L
UniRef90_E4NJS7 UniRef90_K6Z0X8	A I R D M WD P T C K G S P G K V S Q F WC S G I D F G G V H T N S G V P N H L P I R V M Y N P S Q V S G N P N C Y S S S I P N T E E H A A A G P L N H W A L R D M WN P T C Q G D P G T D A E Y Y C L S T D Q G G V H T N S G V P N H A
UniRef90_I4BL97 UniRef90_J8QNS9	A UR N LA D P A STPYR D N M D D Y Y T G S A D D H G E H V N STI F S H A I F R D M K N P S S I S S R Y P E D Y R H Y N N H D H G G V H T N S S I I N K V AIR D L K E P K K Y N Q P E H M N E Y Y S L N Y D R G G V H L N S G I P N K A
UniRef90_T0Cl74	AIRDÜKEPKKYNQPEHMNEYYSÜNYDRGGVHUNSGI PNKA

	250 260 270 280
UniRef90_D9TEJ5 UniRef90_UPI0002E8DAB9	FYLLANGST <mark>C</mark> NGSSVTGLGTQKAMKI MYNGMLLK TSSSS FYLLS <u>TTPNWNIRKGFDIFV</u> KA <u>NQL</u> YWTPRST
UniRef90_UPI000368D89B	F Y L L A K G P T <mark>C</mark> D G S <u>V H</u> P G L G V W <u>A</u> A A E I W <u>Y</u> H A L H R K <u>F</u> D W D Y G
UniRef90_K8W2N4 UniRef90_W4RJ37	F Y L A K
UniRef90_W5WGA1 UniRef90_U3AN15	FYLLAEGPT <mark>C</mark> NNTSVTGLGTQNAAKIMYNAMLVK TSSSS FY <u>HL</u> A T <u>S</u> QGWDLQKAFK <u>A</u> YAVA <u>NQL</u> FWTPRST
UniRef90_A1SP18	F QIL IA A T A II IG G S T W D G A G R IV IW Y D A IL V IG G A
UniRef90_UPI000477B578 UniRef90_D2ASM0	F F L A A Q A L G G Y S W E S Y G R V W Y G A M T T E I H P L T T F Y L L A Q G P T C N G S T L T G L G I Q K A G Q I F M G A L L R K T T T W T
UniRef90_M2QLD0	FYLLAEGPTCNNTSITGLGIQKAAKIFYNGLLKK TSGWN
UniRef90_UPI000363E8A7 UniRef90_B8PZX3	FYLLAQGPTCNGSTLTGGGGUQKAGQUFMGALLRKTTTWT FYLLAEGPTCNNTSITGLGIQKAAKIFYNGLLKK TSGWN AFLITDGGSFNGKTVKGLGLDKSAALYYRVNAFILQSSSD FCNLAK TAGWDTPKAFKVFARANALYWSASST LWDIRE DVGPTLADKIVYKALTEYLTPLDG
UniRef90_Q82ND7 UniRef90_I4WH78	L WDI R E DVG P T L A D K I VY K A L T E Y L T P L D G F C L L A K T A G W D T K K A F Q V F A L A N K V Y W N A T T S
UniRef90_V6ZFB3	FYL <u>A</u> ATKH GS <u>Y</u> SWQG <u>V</u> G <u>T</u> VWYEA <u>L</u> TSK <u>A</u> RPNMK
UniRef90_J3ZRZ7 UniRef90_K2CC84	F F L V S M E I G T D N A A V I WY N A WN D Y L H T E S K F Y V L A N S S _ G WN V K K A F A V M V K A N S D Y WM P S V T
UniRef90_D9UX46 UniRef90_W7CH42	FYLLAEGPT <mark>C</mark> NNSTVTGLGVQTAVKIFYNAMLLK TSGSS AYNV INAIGQEKAQQIFFTVM <u>RH</u> YLNHASD
UniRef90_UPI000372781E	F Y L A E G P T C N N S T V V G V G V K D A G R I F Y G A M L K T S G M T
UniRef90_F2R0Y5 UniRef90_UPI00037B4C2A	FYLLAEGSNPGGSSVTGIGLQKAGKIFMGALLMK TSSWNLWDIRE SLGGELADQIVYKALTSYLTPLDG
UniRef90_D4ZK92	L WDI RE SLGGELADQI VYKALTSYLTPLDG YVLLVDGGTHSTAQVPSIGMAKAEKIFYRALTTYMSQNTN L WDMRK NMDPQLADRI VYRSAQNYLTPLSG
UniRef90_UPI0003690FA6 UniRef90_UPI0004773586	FYILLISQGPT <mark>C</mark> NSSTIVITGII
UniRef90_UPI0003B7A2AD UniRef90_K1ZZ50	Y Y IL L IA E G GIV IN S G K S IV IS G II IGII ID K A T HII IF Y R A WIV IY Y IL IT K N S N
UniRef90_UPI0003775EAF	L WD M R Q D L G G D L A D Q I V Y R A L S A Y M T P L D G
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UniRef90_C7PWH7 UniRef90_UPI000479F061	FYLVAEGPT <mark>C</mark> NSSTVTGVGLQNAEKI MYNAMLLK TSGAS YYLMVTGSGGNQYSVEGLGFLASEKI TYLSETM LSPNAK AYLLSDGDTFNGQTI ASI GLTKTAHLFYETQLSSLTSGSD
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UniRef90_UPI0003701A7A	FYLLAEĞSNPGĞSSVTGVĞMQAAĞKLFYNG <u>LL</u> TK TSĞWE
UniRef90_F9FXP7 UniRef90_W8F8Z4	FYLAS <u>FYL</u> LSVGGGSFSVPVAGNGQD <u>K</u> AARNAYRNLTRYLGP <u>N</u> ST
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UniRef90_W7J899 UniRef90_G8UII0	FYLLAEGPT CDSSSVT GI GI QAAGKVFYGGMLLK TSGMT FYLLVNGGTGRNYSVWGLGMDNAENLIVKAVFGYLRFTTS
UniRef90_B2W266	FYILIA TKSILIGGSSWERAGKIVIWYKTMSGKII IEPN <mark>C</mark> D
UniRef90_S4ASA1 UniRef90_UPI00029A8F2C	LWDAR ADLGATLTDKLVYRALTQYLTPLDG FYLLAEGTTCNNTALTGVGIQNAGKIFYGGMLLK TSGMT
UniRef90_U1K854 UniRef90_K0K0Q2	FYLLSNSP GWNVRKAFAVMVEANRFYWVYNDD LWDIRERLDPA LADKVVYTALTEYLTPLDT
UniRef90_J2K5F8	FYLLISQGGSGNAYNVTGIITLAKAEKII AYKTLITTYLITPNST
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                                                                                                                                                                                     Y T F N S A G T P A A N K D P A T V N A F Y V G N M M
                                                                                   Y D L T L D P T A Q I N V K A A A V N T F F I S N T I H D I N Y R Y G T E K T P Y N L T A K P S E G L N I E A A K T A A F Y M S N L I H D I N Y R Y G F T E T L N N Y R N A N S I F S Y P W T P A M S P P S S F V D F S A T Q L F Y T A N V F T Q N P A N A P T T S A N L N A A I T N A F Y I V N S V H D F S Y R Y G T E S A V E T I T S P N V D A A R V N A F Y V G N S L T Y D P A Q D P T D Q N N I D A A R T N A F F I A N T F H D F T Y R Y G T E K A V F N S A V S P S T S P N V D A A R V N A F Y V A N S I H D V T Y R Y G F D E T G P D W A Y D H D T V F T L D N D V V T K G F F G W D P S A V S A M G N M K K V T F N A N A Q P T T A P N I D V A R V N A F Y I V N T I H D I T Y R Y G T E S A C G N S N E H F E Q T A V D D Q Y Y D Y F S Y S G V N E A H F N A G L V N L D S A R T N A F Y V S N N V H D I T Y R Y G T E S A V D P S V A P T S G Q N L D A A R T N A F Y V I N A Y H D T L Y L Y G T E S A V E I V
                                                                                                                                                                                                                                                                                                                                                                         K A
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K V
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L V
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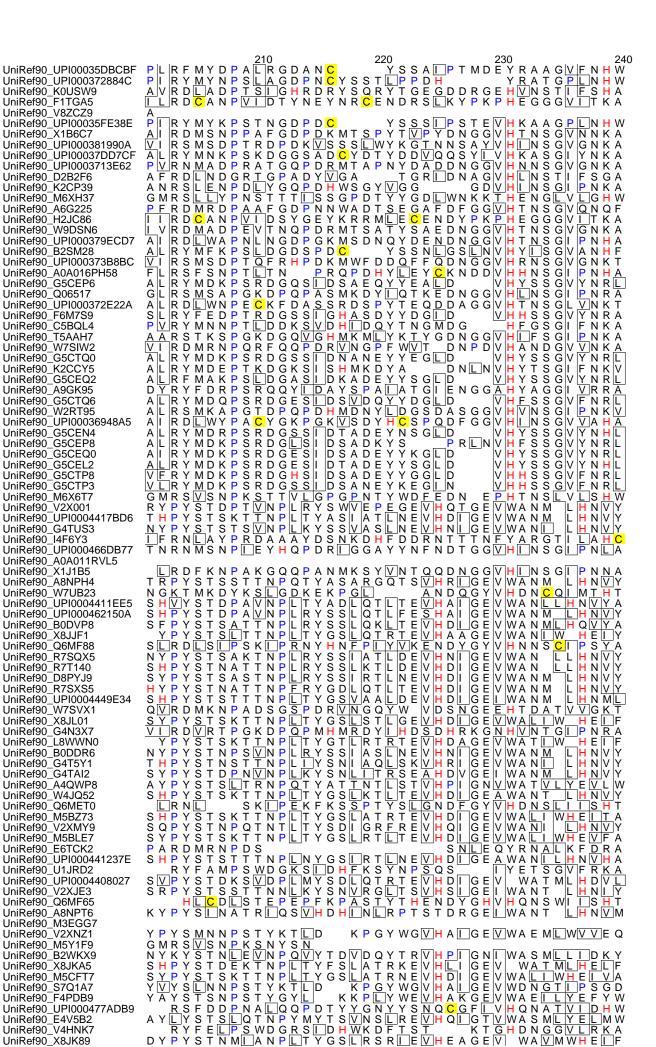
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UniRef90_G5CEN4 UniRef90_G5CEP8 UniRef90_G5CEQ0 UniRef90_G5CEL2	QMTFGDGESMMYPLVSLGVGGHEISHGFTEQHSNLKYYGQ TFGDGNSVLY PLVSLDIGAHEISHGFTEQHSNLEYRKH TFGDG GRLLHPLVSLGIGAHEISHGFTEQYSNLMYYGQ TFGCGDRMMY PLVSLGVGAHEISHGFTEQHSGLEYYGQ
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UniRef90_UPI0004411EE5 UniRef90_UPI000462150A UniRef90_B0DVP8 UniRef90_X8JJF1	R F T K I C L A T R G G Y E R S L D V I G H E F T H A V D N A I WA P V Y E N Q R M R M F L C A P L Q P L M R D N D I I A H E N T H G L S N R L T G C L Q T R E M F L W T L T N P F R D G A L E N D I V V H E N T H G I T N R L T G C L V T L E M F I W T L T N P R R D G T M E N D I V I H E M T H G I T N R M T G C L Q T T E L Y V W N K T T P F R D G A F E N D V V I H E Y T H G L T S R M T G C L L T D E
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UniRef90_G4TAI2 UniRef90_A4QWP8 UniRef90_W4JQ52 UniRef90_Q6MET70	MY I WT T T T P N R D G S L E N D I I V H E M T H G L T N R M T G C L Q T T E M Y V W T Q S T P K R D G D L S N D I I A H E Q T H G T T N R M T G C L Q T T E N G G G G Y M K L Y R D S A L A N D V I A H E Q T H G T T N R M T G C L Q S K E M Y I W T Y T T P Q R D S S L E A G V V I H E Y T H G L S N R N S G C L S A L E M F L W D E T N P E R D G A L E N D I V V H E N T H G I T N R M T G C L Q T T E H F A F D N K F A S C L D I V C H E M T H A V I A Y H N P L Q Y K G E M Y T T T D N K D G C L S A G C C C C C C C C C C C C C C C C C C
UniRef90_M5BZ73 UniRef90_V2XMY9 UniRef90_M5BLE7 UniRef90_E6TCK2	MYTWTYTTPNKDGALENDIVVHEYGHGVSNRLTGCLQTTEMFLWDLTNPRQDGAMENAIPVHELTHGLTNRMTGCLQTVEMYTWTYTTPNRDGALENDIVTHEYTHGISNRLTGCLQTTENFAFGSDT MFLWDFTNPRDGALENDIVTHEYTHGISNRLTGCLQTTENFAFGSDT MFLWDFTNPRRDGALENDIVAHENTHGLSNRLTGCLQSNENYGTGNYGGTHYYHTTLDIVSHEASHAVTYWNSQLNATGQ
UniRef90_UPI000441237E UniRef90_U1JRD2 UniRef90_UPI0004408027 UniRef90_V2XJE3	MFLWIFISPMRDGALENDIVSHENIHGISNRLIGGGIGRE MYVWTLTSVRRDGSLENDIPIHEVTHGLTNRMTGCLQTTE
UniRef90_Q6MF65 UniRef90_A8NPT6 UniRef90_M3EGG7 UniRef90_V2XNZ1 UniRef90_M5Y1F9	HFAFNNE FASQPDIVCHEMTHAVIKHNNPLDHKGE MYIFDLTNPHRDSTFQNDIVVHEMGHGISNRLVGCLQTPE YYVVCPHKNSLCKFTSLDIVSHEFGHGINGDLAGFNLDME MYLWNTAVPYRDGDLEAGIVIHELSHGLSTRNSGCLGWGE YYIYCPHNSSTCKFTSLDIVSHEFGHGINGDLAGFTYDPE MYIWNQTTPFRDCSFEAGVVIHEYTHGLSNRNSGCLSMLE MFLWISTALLRDGALQNDIVVHEFTHGVSNRNTGCLQTTE MYTWTYTNPRRDGDLENDIIVHELSHGLSTRNSGCLGWGE MYLWNTAMPYRDGDLEAGIVIHELSHGLSTRNSGCLGWGE MYVWTVTKPYHDGDLESGLILHEYSHGISTRLTGCLGWGE MYVWTVTKPYHDGDLESGLILHEYSHGISTRLTGCLGWGE MYNWTTARPNRDGCLEAGIVIHELVHAIIDAKGNAVMCSE MYNWTTARPNRDGCLEAGIVIHELVHAIIDAKGNAVMCSE MYNWTTARPNRDGCLEAGIVIHELVHAIITDAKGNGDI MYNWTTARPNRDGCLEAGIVIHEYAHGLSNRLCGGPANSE NYGPGNGGYEFYSLTGLGIVAHEAAHAITQWNSSLGNGDI
UniRef90_B2WKX9 UniRef90_X8JKA5 UniRef90_M5CFT7	MY I WNQTTPFRDCSFEAGVVIHEYTHGLSNRNSGCLSMLE MFLWISTALLRDGALQNDIVVHEFTHGVSNRMTGCLQTTE MYTWTYTNPRRDGDLENDIIVHEFYGHGVSTRTGTCLRSTE
UniRef90_S7Q1A7 UniRef90_F4PDB9 UniRef90_UP1000477ADB9 UniRef90_E4V5B2	MYVWTVTKPYHDGDLEAGIVIHELSHGISIRLTGCLGWGE DFLYASDGTEPEKITMIDAVTHEIVHAIIDAKGNAVMCSE MYNWTTARPNRDGCLEAGIVIHEYAHGLSNRLCGGPANSE
UniRef90_V4HNK7 UniRef90_X8JK89	NYGPGNGGYEFYSLTGLGIVAHEAAHAIITQWNSSLGNGDII MYMWTQTTPPRDGALENDII <u>VV</u> HEYTHGLTNRLTG <mark>C</mark> LQSVE

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UniRef90_V8ZCZ9 UniRef90_UPI00035FE38E	S G A L N E S L C D V F G S L A K Q H V A D Q A D W L I G A G L F T A K V R A E A G L G E G T G D I F G A L T E A Y T N E P P D Y T V G E T V N L V G Q	R G
UniRef90_X1B6C7 UniRef90_UPI000381990A	S G A I N E S F S D IV W G E F IV D L T N G A G N D D P G IV R W L M G E D L T G S G A I N E A L S D I F G E Y S D L T N G R G N D W D M G E D L P A S I	G lG
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UniRef90_A6G225 UniRef90_H2JC86	S G A L D E S F A D I F G A L V E F F S P G S A D W L L G E D R G R L S L H E G L S D V F G T I C E Y F N E G T P D W T I G E D T G	D
UniRef90_W9DSN6 UniRef90_UPI000379ECD7	S GAI NESMADV F GEL VDLN NADT PPWKLGED SPF S GAI NESLSDI WGETI DLLN GYNDD WKMGEDA SAF G	G
UniRef90_B2SM28 UniRef90_UPI000373B8BC	S G G L N E A T S D I M G A M V E C S A A N S A N Y L I G E K I I H N N S T G A G A I N E A L S D I M G E F V D L T N G S A D D T P A N R W Q I G E G S S L P G E L S E H L A D V F G L L Y K H H A S S C A V W T V G E S L W A S P E G P	T]G
UniRef90_A0A016PH58 UniRef90_G5CEP6	PGEILISEHILIA DIVIEGILLIY KHHASS <mark>C</mark> AIVIWTIVIGESILIWASPEGP	R
UniRef90_Q06517 UniRef90_UPI000372E22A	S G G L N E S F S D M A A Q A A E F Y S T G K N T W L I G A E L M K K G S G L S G A L N E S L S D V F G S L V K Q F H A D K A D W L I G A G L L A K G L K G S G A I N E G Y A D L F G E C L D L L N N R G D D W L L A E D A T A	K T
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UniRef90_T5AAH7 UniRef90_W7SIW2	S G A L N E HILS DIVIF GILMIVIK Q H T A D Q S D WL I G E G C L LIP S I K G	L G
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UniRef90_G5CEQ2 UniRef90_A9GK95	A G G M N E A F S D M A A Q A A E Y Y S K R R N S W K G A E M K K D S G Y L N A L H E G S D F G V L I D A H A T R E R V A E P V A W W G N R Y P	Ř
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UniRef90_M6X6T7 UniRef90_V2X001	P G A L D E G F S D L WN V G V N N Y V N Q K N L W L V G D E T V P G S G G L G E G W S D A F A D W T E H Q S S P I K D F V T G A Y V L N R P E G V A G G M G E G W S D A F A E W T E Q K S S K I S D F T M G T Y V L N D K G G I	R
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UniRef90_A0A011RVL5 UniRef90_X1J1B5	S G G I N E A F S D M A G E A A E F S G A L N E S V S D I F G V F I E H S F K P D D N W V M G E D I A K G T V G	1_
UniRef90_A8NPH4 UniRef90_W7UB23	S R G L G E G W S D A L A M W T Q Q K D G V V R D Y V L G D Y V Y N N P G G I S G A L D E A Y A D L M G E F V Q D D T L D T H G E N K T L R S P R K F	D
UniRef90_UPI0004411EE5 UniRef90_UPI000462150A	A G G M G E G W S D A F A E W S E H S D G T L S D F A V G N Y V F N N T V G L A Q G L G E G W S D A F A E W T E Q K D A T L P D Y I L G Q Y V T N N P A G I	R R
UniRef90_B0DVP8 UniRef90_X8JJF1	S G G M G E G W S D A M A D W M A Q S S G T T K D F V G Q Y V A N R A K G S R G G E G W S D A A D W V R Q T S A T S A D F M G T Y V Y T K S R D	JR
UniRef90_Q6MF88 UniRef90_R7SQX5	S G A L N E S L A D V F G L A F K H A G G M G E G W S D A F A E W L T H T D D S V P D F I M G A Y V L N D S A G I	R
UniRef90_R7T140 UniRef90_D8PYJ9	A G G M G E G W S D A F A E W T E H K D A S V P D Y V M G Q Y V T N S A A G I I A G G M G E G W S D A M A E W T E W D S A S I H D F T M G G W V T G S S A G I I	R R
UniRef90_R7SXS5 UniRef90_UPI0004449E34	S Q G L G E G W S D A F A E W T E Q T N D V V L D W V T G P Y V L N N T A G V	R
UniRef90_W7SVX1 UniRef90_X8JL01	S A G L G E G W S D A M A D W L E Q D G P D V A D F V L G Q Y V M N N T A G I A A A L N E G M S D V F G K F L A L K A N D P N A A G A N R W L L G A G S S L A G G M G E G W S D A F A D W M G Q T S A N V T D F T L G S Y V M N N A T G L	IR .
UniRef90_G4N3X7 UniRef90_L8WWN0	S G C L S E H F G D W M G W M A K M W T A R E G D W G I G R R C F M P G N D E A G G M G E G W S D A L A D W T E Q T S A T D R D F T L G S Y V Y T K N L R D	
UniRef90_B0DDR6 UniRef90_G4T5Y1	_ A G G M G F G W S D A F A F W T F Q K S A T II T D Y V M G A Y V Y K P A _ G I	IR .
UniRef90_G4TAI2 UniRef90_A4QWP8	S G G M G E G W S D A F A D W L V H T D A S T P D F V L S P W A S N K T F G L A E G M G E G W S D A Y A N W M E Q S T E T V T D F V M G A W V Y N S P G G L A G G M G E G W S D F F A T R L K Q N D T A D T D Y P M G E W V A A N P K G I	R R
UniRef90_W4JQ52 UniRef90_Q6MET0	AGGMGEGWSDAMADWTEQKSVNTQDYVMGQYVVNDPAGI SGALDEALADVAALAFKQYSTSQNDWQIGN	R
UniRef90_M5BZ73 UniRef90_V2XMY9	_ A G G M G F G W S D A A D M T F N S A T S S D F T G S F V T G O A G G	R
UniRef90_V2XM19 UniRef90_M5BLE7 UniRef90_E6TCK2	S G G L G E G W S D A V A D WT Q Q T S A Q T Q D F V V G Q G V A A R A G G I A G G M G E G W S D A F A D W T E Q T S A T D K D F T L G S Y V I K S A A G L G E A L A E A Y G D L L G S L L E G K S G A D R W L V G E D A	R
UniRef90_E61CR2 UniRef90_UPI000441237E UniRef90_U1JRD2	G E A LA E A Y G D I LG S L I E G K S G A D R W L V G E D A Q G A G G M G E G W S D A F A E W T E Q T G P T L R D F T L G S Y V V D D L A G L D G A L N E A F S D L A S L A V F D Y H R G N R K W W F G W D V L Y E D T G A	Ř
UniRef90_UPI0004408027	A G G M G E G W S D A F A E W T E Q T A E V G D F T L G S Y V T N D P A G I S R G L G E G W S D A V V N W F S H T S A T V R D F V L G A W V T D D P V G L	R
UniRef90_V2XJE3 UniRef90_Q6MF65	S G A L D E A <u>L </u> A D <u> V </u> V T <u> L </u> E F K Q K <u> V G L </u>]D
UniRef90_A8NPT6 UniRef90_M3EGG7	P AILIS M K IV L IAII IF G MIL V I	
UniRef90_V2XNZ1 UniRef90_M5Y1F9	S G G M G E G W G D F L A T S I R S T E E Y S D W P M G A W A N R E G G I R P G A L D E G F S D L W N V G V N N Y V N Q K N L W L V G D E T V P G	G
UniRef90_B2WKX9 UniRef90_X8JKA5	S G G M G E G W S D F F A T A I R L K D T R A K D Y T M G E WI S G S E F G L A G G L G E G W S D A M A D I L E A K T N P I P D F T T G S Y V Y N M K A G S	R
UniRef90_M5CFT7 UniRef90_S7Q1A7	A G G M G E G W S D A L A D L T E L N S A T L A D F T L G A Y V T G L A G G L S G G M G E G W G D F L A T T L R S N K N Y S D Y A M G A W A A N R P N G L R S G G M G E G W G D F F A T L V R M T N T R N D D F G M G S Y A S G R A G L R	R N
UniRef90_F4PDB9 UniRef90_UPI000477ADB9	RRIV LIE E AILI <mark>U</mark> DII I IGILIYIVIR NEYEQNSPAILIYS WI ILIA K GGILIY P	G
UniRef90_E4V5B2 UniRef90_V4HNK7	S G G M G E G W G D F Y A T A	R
UniRef90_X8JK89	A Q G L G E G W S D A V A D W T E Q S S E E D A A E N F T M G T Y V N L R S L	R



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UniRef90_K0USW9 UniRef90_F1TGA5 UniRef90_V8ZCZ9 UniRef90_UPI00035FE38E	A Y L IMM I D D A I R GV I D E I WA A S L M A M G G T F K N V T V N P I G M E K L A E I F Y H A L N D G M V Y D M K F Y L L A E G P T C N S T T L T G V G I Q Q A G K I F Y G G M L L K T S G M T
UniRef90_X1B6C7 UniRef90_UPI000381990A UniRef90_UPI00037DD7CF	V Y L MV D G G S F N G Y S I
UniRef90_UPI0003713E62 UniRef90_D2B2F6 UniRef90_K2CP39	A Y L I A V G G S F N G Q S I P G L G T T K T A V L F F R S L R M L T S G A D L W D I R E K L G S R T D K I A Y K A L S E Y M T P L D D A Y L L T E G G E H H S V T V S G I G T E A V E Q I Y Y R V L T D Y L N I A S D F Y L L S S G K S G V N D H T T G I S I E K A E K I A Y S A L H Y L S P T S G
UniRef90_M6XH37 UniRef90_A6G225 UniRef90_H2JC86 UniRef90_W9DSN6	F Y F L S E G G A G N N D G I T G I G R A A A A Q I G Y R A M T V Y T A P S S D A S L M A L G G T F K N V T V A P I G M E K L A I I F Y H A I N D G M V Y D M K A Y L I A R D P T F N G H A I T G I G H T K A T D V Y Y E S L Q L L A S G A D
UniRef90_UPI000379ECD7 UniRef90_B2SM28 UniRef90_UPI000373B8BC UniRef90_A0A016PH58	Y A L L VD G G T Y N G Q T L G S L G F V K A A H L F W R A Q S E Y L T A T S D Y Y L L A A Y L I A D G G S F N G Q T V A G I G L D R S A A L W H E T Q K V L T S G A D
UniRef90_G5CEP6 UniRef90_Q06517	F Y L MS
UniRef90_F6M7S9 UniRef90_C5BQL4 UniRef90_T5AAH7	FYLLAT FFALA TNARDPNGPWDTELAFYAFALANKS <mark>CWV</mark> ADSE FYLAALG FGGHSWEKAGQMWWKAMTKRVPPG <mark>C</mark> T
UniRef90_W7SIW2 UniRef90_G5CTQ0 UniRef90_K2CCY5 UniRef90_G5CEQ2	A F L T T D G A A F N G R T V R G L G V T K A V E V W F G V E N L L T P R S T F Y L L A N Q K G WN T R K A F N V M V K A N L E E W T A N T T F Y L L A H Q P D W N T
UniRef90_A9GK95 UniRef90_G5CTQ6 UniRef90_W2RT95	FYFAAYGVATAPNPFGGIGLDPALRVLYEALVEELDPGDT FYLMSTTANWNA FHLAATG LGGYSWDIAGRIWYDVLTDPDLRSNC
UniRef90_UPI00036948A5 UniRef90_G5CEN4 UniRef90_G5CEP8 UniRef90_G5CEQ0	Y A L L VD G G T Y N G Y D L T G L G L D K A A H V F W Q A Q A Y Y L G R T S D F Y I L A N K P G W D T R K A F D V F Y L I A N T P G W N T R K A F D I F Y L L A T P N W N T R K A F D V
UniRef90_G5CEL2 UniRef90_G5CTP8 UniRef90_G5CTP3	FYILANQPNWDT FYLIANQS GWNTRKAFDV FYLIA TTPGWDARKAFDV
UniRef90_M6X6T7 UniRef90_V2X001 UniRef90_UPI0004417BD6 UniRef90_G4TUS3	F Y T L S K G K L G F N Y N V S G I G I E K A E R I A Y V A L L F L S S T S G A A L V T E H G W S S T D P T G L K G N V V Y L H L F I D A L A I Q P C N P T A S L V D E N G F S H T D A S G S E G N V V F L H L F I D S L A L Q P C N P T A Q L V G S Y G F A A D A F T N P D G N V V F L R L F Y D A L L L Q P C N P T
UniRef90_I4F6Y3 UniRef90_UPI000466DB77 UniRef90_A0A011RVL5	A Y L MG Q G G V H G R Q T V G G K D F L K A A R I WY R A L T N Y F S N E N T A V L I Y Q A G M S L D T M F D L Y Y T S M Q V L T P A N S
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UniRef90_B0DDR6 UniRef90_G4T5Y1 UniRef90_G4TAI2 UniRef90_A4QWP8	A PL VE A Y G F S T T A A T N P D G P E V F L H L F L D S L A L Q P C N P T A E L V N N F G WA A T N A D S N A G N V V F L R N F M D G L L Q P C N P T A E L V K A Y G WA F T N A D S S A G N V I F M R N F F D G L L Q P C N P T A L V V S T F P T F D A S G V P T S G N F L A Q K L V L D G M A L Q P C N P N
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T II T Q L F Y T
H D T L Y L Y G
                                                                                                                                                           T Y S G T N T F N Y T R A N D S S K V F N Y P Y H P K I T D R S D A L E E A Q K Y I N T T Y N S S L P P T T G G N R D A A I T N A F Y V T N S Y
                                                                                                                                                      I Y NL Y QSSQYSDAVLRRKKG WPKAQAAEVNFAYESLEYGAYNDSDNSGSPSATEPDCGAAPADSSYAATANLFYWNNIIHTNWENLSSGYLNFPPEETDYKAYANASITQLYYTSNAYTWLQNHRPEGGPSLEFKSGTHGTNYVDLAVTQLFYTSNAYTWLQNHRPEGGPSLEFKSGTHGTNYVDLAVTQLFYTSNAYTWLQNHRPEGGPSLEFKSGTHGTNYVDLAVTQLFYTSNAYTWLQNHRPEGGPSLEFKSGTHGTNYVDLAVTQLFYTSNAYTWNNYRODDSNNSGSPSSVEPDCGAPPEDNMYSALANLFYWNNIITYSSPDAIFGDGALFTLGSDVRSANGETAAADAFFASNMTLNNYRQPADLKFEYDYSPSMNPPSTYIDASITQLWYSANTLNNYRNSRNLRFEYRYSPSNPPKSYTNASITQLFYSANTYLNNYRNSRNLRFEYRYSPSNPPKSYTNASITQLFYSANTYLAYBAGLFFDYPLNTVFSGGNQSESAAITNLFYWNNVIIQANFDGGSDYLNNYRPNNKNPPKSYIDASVTQLFYSANMVFDAQNFDGGSDYLNNYRPNNKNPPKSYIDASVTQLFYSANMVFDAQNFDGGSDYLNNYRPNNKNPPKSYIDASVTQLFYSANMV
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T D N K R P I A S V S G Q I F D F P Y N P T G Y E D E D E A A H S Y
A Y D A S N T G Q P P A T F P I N L T A A P S T Y V P A A V T N L F
R N A S V T Q L F
G T S P N G G S A L N F D F A L N L N N T P S T F L P A A T T N L F
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                                                                                                    E A F F E S E L N V D T T D V D

H D M Y S G N F Q V N Q Y G G A G L G V R A E S Q I

H D L L H T L G F N E R A G N F E I N V Y L N T Q I

H D L Y Y R Y G G N F Q Q D N Y G R G V I A H A Q I

H D L T Y L Y G F D Q A S G N G D D V R A E A Q I

S T M F E Y F L G R T

Y H D L L Y M L G F N E R S G N N D Y V I L N A Q I

H D F T E E A G N F Q V S N G N R G G V I L N A Q I

H D F T E E A G N N Y D N G G V G V N A E A Q I

H D L Y Y Q Y N N R N Q G G K G G D F V I L N A Q I

H D L Y Y Q V N N R N Q G G K G G D F V I L N A Q I

G N F Q D D N F N K G G Q G G D A V K V N A L S T S

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H D L Y Q Y G F D E I N G N F Q Q N N Y G N G G S

E E Y I H

R L G F A D V N N E P Q D Y Y T S
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UniRef90_X0Z3F6 UniRef90_E9UMS8	A F L Q G <u>Q S I</u> S G T S D I Y <u>G</u>
UniRef90_V2X097 UniRef90_M5CA45 UniRef90_X8JD28	M F F D L N P R Q D G A M E N G P V H E T H G T N R M T G G G T G T E M F W N T A K P F R D G G D A G L H E S H G S T R L T G C L N A R E M Y W N E A K P F R D G G D A G L H E S H G S S Q D S N C L R T G E
UniRef90_D8Q7B6 UniRef90_Q5KAH7	MYL WNT TTPYRDĞDLE AĞIVI <mark>H</mark> E FAHĞL STRNSG <mark>C</mark> L GWĞE
UniRef90_A4BAV4 UniRef90_C5FX29	ALGOGFE FFYPMVSADSLGHELAHAVLENYTSLDQTGF VYI WTKAQPARDSSFEAGTVIHEYTHGLSNRLCGCLNGLE
UniRef90_D8PR03 UniRef90_J3PSV8	MFL WDYTTPNRDGDMENDLPL HEGTHGI SNRLTG <mark>C</mark> LQGTE MYI WNGAEPWRDGDLEAGI VI HE <u>YSHG</u> VSLRNSG <mark>C</mark> LGWGE
UniRef90_UPI0004407545 UniRef90_C9NPB1	MYLWNTAQPYRDGDLEAGII VIHELICHGLSTRNSGCLGWGENF SDAYPFQYSTASLDLIAHEVAHGVLLRLSSMSYTTP
UniRef90_Q485W4 UniRef90_UPI00044121B0 UniRef90_W3WK52	MYI WDTATPYRDGDLEAGIVIHEYSHGLSTRNSGCLGYGE ALGDGFE FFYPMVSADSLGHELAHAVLENYTSLDQTGF VYI WTKAQPARDSSFEAGTVIHEYTHGLSNRLCGCLNGLE MFLWDYTTPNRDGDMENDLPLHEGTHGISNRLTGCLQGTE MYI WNGAEPWRDGDLEAGIVIHEYSHGVSIRNSGCLGWGE MYLWNTAQPYRDGDLEAGIVIHELCHGLSTRNSGCLGWGE NF SDAYPFQYSTASLDLIAHEVAHGVLLRLSSMSYTTP NF GDAYPLFYSMVSLDSIAHEVGHGVLNRVSDLNLFDD MFLFTNSDPQKDGALVNSVVHEYTHGLTNRMTGCLQTLE MYI WTESTPYRDCAFEAGVIIHEYSHGLSTRNSNCLNALE HVAAGGSEYFSSRV VVGHEYTHAVVRATCNLDKTED NYGSGDGFYFYS QATLGIAAHEIAHAITSWNAGIGPEGV MYLWNTANPYRDGDLEAGIVIHELAHAITSWNAGIGPEGV MYLWNTANPYRDGDLEAGIVIHELAHAITSWNAGIGPEGV
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UniRef90_R7S4R2 UniRef90_K5XP35	MYLWNTANPYRDGDLEAGI VIHELAHGLSTRNSG <mark>CL</mark> GWGE FFFQLSKTGLRDSAFANDVLIHEYTHGIT <u>N</u> RMTG <u>G</u> GTG <u>G</u> E
UniRef90_M3CEN4 UniRef90_F4RBT4	MYRFDYTTPNRDSSFDAGII VI HEYTHGLTIRMTG <mark>C</mark> LSTLQ MYI WNGAEPWRDGDLEAGII VI HEYSHGVSTRNSG <mark>C</mark> LGWGE
UniRef90_F8P1G7 UniRef90_X8IZR9	MYL WNT ANPYRDGDILE AGILVI HELLSHGLSTRNSGCLGWGE MYL WNT ATPYRDASLDAGIVI HELTHGLSTRNAGCLPWGE
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UniRef90_A0A023BW07 UniRef90_V2XXE9	MFILWNKTNPKRDGDFDNGI I AHEYGHGI STRI VGGPSSNV NLFIFDMVTGPRRDSAMEVVI HEFAHGL VERLTGCLQTAE
UniRef90_M5BWF9 UniRef90_B8NC58	MYL WNA A SPFRDSDLE A GIVI HELTHGL SGRNA GCLA WGE MYI WTESQPYRDGSFE A GIVI HEYTHGL SNRLTGGP <u>A</u> NSE
UniRef90_F9XNE7 UniRef90_B8NMK3	MYLWNTANPYRDGDLEAGIVIHELAHGLSTRNSGCLGWGE FFFQLSKTGLRDSAFANDVLIHEYTHGITNRMTGGGTGGE MYRFDYTTPNRDSSFDAGIVIHEYTHGLTNRMTGGCLSTLQ MYIWNGAEPWRDGDLEAGIVIHEYSHGVSTRNSGCLGWGE MYLWNTANPYRDGDLEAGIVIHELSHGLSTRNSGCLGWGE MYLWNTANPYRDGDLEAGIVIHELSHGLSTRNSGCLGWGE MYLWNTATPYRDASLDAGIVIHELAHGLSTRNSGCLGWGE MYLWNTALPYRDGDFEAGIVIHELAHGLSTRNSGCLGWGE MYLWNTALPYRDGDFEAGIVIHELAHGLSTRNSGCLGWGE MYLWNTALPYRDGDFEAGIVIHELAHGLSTRNSGCLGWGE MYLWNTALPYRDGDFEAGIVIHELAHGLSTRNSGCLNGWGE MYLWNTARPRDGDFDNGIIAHEFTHCYTSNALGSIYFND MYMWTQANPQRDCAFDSDVVLHEYTHGLSTRNSGCLNGLE MFLWNKTNPKRDGDFDNGIIAHEYTHGLSTRNSGCLNAGCLAWGE MYLWNAASPFRDSDLEAGIVIHELTHGLSGRNAGCLAWGE MYLWNAASPFRDSDLEAGIVIHELTHGLSNRLTGGPPNSE MYLWNAASPFRDSDLEAGIVIHEYTHGLSNRLTGGPPNSE MYLWNAASPFRDSDLEAGIVIHEYTHGLSNRLTGGPPNSE MYLFTHTTPPRDGVFESGIVIHEYTHGLSNRLTGGPPNSE
UniRef90_C7Z3B7 UniRef90_W7QQB2	NFA DAYPFQYSTLSLDSVAHEVAHGULTRVSALNPSND
UniRef90_J8AN60 UniRef90_G9MES4 UniRef90_A7GP72	VYG DPIVKAYDVAGHEFTHAVTSSESNLEY MYIWTVSTPRRDGSLEAGIVIHEYTHGLSTRNSGCLGGVE ALTFG TGGVDDAEDAGIIAHEYGHSIQDNQPGFGSSLE
UniRef90_UPI0004622104 UniRef90_UPI000248DCDD	MYLWNTANPYRDGDLEAGIVIHELAHGLSTRNSG <mark>C</mark> LGWGE TFGTG GVDDAEDAGVIAHEYGHAIQDNQPGFGDSHE
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UniRef90_M2RAY6 UniRef90_U1KXA3	PYVPLHHHNGIDTL HEITHGLTVRMTGCLQTAE MYLWNTATPYRDGDLEAGIVIHELSHGLSTRNSGCLGWGE NYGSGDGYYFYS QATLSIAAHELGHAITSWNSGLGAEGV
UniRef90_I3YRG7 UniRef90_F4NWM5	MFLCSNSNPPHDGDLDAGVITHEYCHGVSNRLTGGALNNN MFLFDTTNPKRDAAFDNGVVLHELTHGLSNRNSNCLQRTE MFLFDETNPMRDGDFDSGLMLHEYSHGLSTRLTGCLQTDE
UniRef90_Q5I8R6 UniRef90_UPI0004063F18	S D S N P A K M T II D O II A G N Y E G G II T IV IK S II O II P E S K E
UniRef90_UPI0003B591F9 UniRef90_B0DT84 UniRef90_V2X4X2	SLTFG TGGVDDAEDAGII AHEYGHSI QDNQPDWGQSAE MYLWNTALPYRDGDLEAGI VIHELSHGLSTRNSGCLGWGE MFLWTFTTPARDGVMENDI PLHELTHGLSNRLTGGGTGRC
UniRef90_V2X4X2 UniRef90_R7XWA9 UniRef90_U1L993	V V G N T P T Q T L G S M A G N S E II Y G V MV S N A D G A K F K S A
UniRef90_W9AQH8 UniRef90_E4ZJL4	MYLWNLTTPERDGDYDGAIIVHEYAHGISNRLIGGASNVMFIWTKTSPSRDSSFDAGVVIHEYTHGLSSRNAGCLSSIEMYLWDASSPYRDGDLDAGVLIHELTHGLTNRNSGCLATWEMYNWSLTTPHRDGDFDAGIIVHEYAHGLSNRLVGGPSNSN
UniRef90_X8J9N8 UniRef90_U3AV39	MYLWDASSPYRDGDLDAGVLIHELTHGLTNRNSG <mark>C</mark> LATWE MYNWSLTTPHRDGDFDAGIIVHEYAHGLSNRLVGGPSNSN
UniRef90_L7UDJ9 UniRef90_C4JX59 UniRef90_C5P7A7	MYI WTRANPPRDOCEEEGTVVHEYTHGLSNRLTGGPANSE
UniRef90_C3F7A7 UniRef90_A2TQE3 UniRef90_E4UYA3	VSGRMQMYTCGSRDGDLDVIIHEYGHGISTRLTGGAANSD
UniRef90_F4NTH2 UniRef90_UPI000381DDA3	MFRFTSTDPGRDGGLENPIPLHEYMHGVSSRLTGCLQTTE QMFLWTGVPLIDGDFDNGVILHEYGHGISTRLTGLGGDEQ
UniRef90_I3YYC2 UniRef90_R4LJ34	D G G N P R M Q M Y C N D K D G D V L H E Y G H G V S N R L T G G P S A S S A L T F G C T G G V D D A E D N E V W H E Y G H A D D Q V P G F G E T E E
UniRef90_UPI00035EFF4C UniRef90_UPI000477C5E7	MYNWSLTTPHRDGDFDAGIIVHEYAHGLSNRLVGGPSNSNDPRVLIGYEFYPPLSATDIIAHEITHDFFMREVGSGATGE MYIWTRANPPRDVCFEEGTVVHEYTHGLSNRLTGGPANSE MYIWTRANPPRDGCFEAGIVIHEYTHGLSNRLTGGPANSE WYIWTRANPPRDGCFEAGIVIHEYTHGLSNRLTGGCAANSD VSGRMQMYTCGSRDGDLDVIIHEYTHGLSNRLCGGPAN MFRFTSTDPGRDGGLENPIPLHEYTHGLSNRLCGGPAN MFRFTSTDPGRDGGLENPIPLHEYMHGVSSRLTGCLQTTE QMFLWTGVPLDGDFDNGVILHEYGHGISTRLTGLGGDEQ DGGNPRMQMYICNDKDGDVILHEYGHGVSNRLTGGPSASS AITFG TGGVDDAEDNEVIWHEYGHAIDDQVPGFGETEE GGVPPLRDGDLDNGIIAHEYGHGISTRLTGGPNTCL KEFIFPTNGTEDKVNHIDVVAHELVHAIIDFKANLNCCNE AYIWTRANPPRDASFEAGTIVHGLSNRLCGGPANSE
UniRef90_UPI0001A9C030 UniRef90_I4FHS2 UniRef90_F4P6L2	RALFGQREINGRYGTDITVVAHEFCHGLIQQIEGDNEFTE MFRFTPAKPNRNGGIDNOVPIHFYGHGIIRTRITGCIFKGE
UniRef90_141 0L2 UniRef90_A2Q7V4 UniRef90_F4NTE6	MY MODEST PSRDGSFDAGI VI HEYTHOVSSHNAG <mark>C</mark> LSALE MFQFTDTNPRRDSGMDALVTI HEYMHGVSNRLTG <mark>C</mark> LQNTE
UniRef90_Q2C9G0 UniRef90_A3U6Q1	MYLWSYTTPQRDGDFDNAITVHEYAHGISNRLVGGPANV DRGPLSATVMKDGDVDQGIIAHEYGHGISTRLVGG RDQ
UniRef90_L8WKX9 UniRef90_R7SFU2	MYTWTYTTPNRDGALLENDII VVHEYGHGVSNRLITGCLQTTE LYLFDHSNPYRDTAMTADVTI HELLTHGLTTRLVGCLGQGE
UniRef90_U2TL98 UniRef90_T5AP25 UniRef90_A2TR47	MYLLWN IVII FNR DGDLDAGII I VHE YGHGII SNRL VIGLSNR QQ MYMWNHSSPLR DGAFDATII VLHE YTHGLSNRL TGCLNSLE RMOMFIENPTR DGDEDNVI I A HEV GHGII STRL VIGCDSTNA
UniRef90_A21R47 UniRef90_L7UH94 UniRef90_W7UFA2	A Y I WT R A N P P R D A S F E A G T I I H E Y T H G L S N R L C G G P A N S E R A L F G Q R E I N G R Y G T D I T V V A H E F C H G L I Q Q I E G D N E F T E M F R F T P A K P N R N G G L D N Q V P L H E Y G H G I S T R L T G C L F K G E M Y I W I E S T P S R D G S F D A G I V I H E Y T H G V S S H N A G C L S A L E M F Q F T D T N P R R D S G M D A L V T I H E Y T H G V S N R L T G C L Q N T E M Y L W S Y T T P Q R D G D F D N A I I V H E Y A H G I S N R L V G G P A N V D R G P L S A T V M K D G D V D Q G I I A H E Y G H G I S T R L V G C L G Q G E M Y T W T Y T T P N R D G A L E N D I V V H E Y G H G I S N R L T G C L Q T T E L Y L F D H S N P Y R D T A M T A D V T I H E L T H G L S N R L T G C L S N R Q Q M Y M W N H S S P L R D G A F D A T I V L H E Y T H G L S N R L T G C L N S L E R M Q M F L F N P T R D G D L D S G I I V H E Y G H G I S T R L V G G P S T N A M Y R W T T T V P N R D G D L D S G I I V H E Y G H G I S N R L V G G P S T N A M Y R W T T T V P N R D G D L D S G I I V H E Y G H G I S N R L V G G P S N N N A V G Q P D Y T Y M E N F A Y S P D V I A H E F C H G L I G P L E S P P M F T W N M T S P N R D G A L E N D I I V H E Y T H G I S N R L T G C L Q T L E
UniRef90_I4GFW3 UniRef90_L8WRC8	QALFGQREINRSHGTDITVVAHEF <mark>C</mark> HGLI GPLESPP MFTWNMTSPNRDGALENDIIVHEYTHGISNRLTG <mark>C</mark> LQTLE

	470 400 400	200
UniRef90_K1PCV1	SGALDEAYSDLVGETFEYFLTGTFDFHLGEQSDK LDN	
UniRef90_J3P5W2 UniRef90_X1CJ49	S G G M G E G W G D F M A T A A R L K P A D T A D Y P M G S W V Y N D V K G I	_lR
UniRef90_X0Z3F6	S G A L N E S Y A D V M G A V A D G N W T V G G G G R L G G G	
UniRef90_E9UMS8 UniRef90 V2X097	T G T V N I T I K D V S A D S K D E S V R W L M G E D S T A F G A S G M G E G W S D A V A D W T Q Q T S A Q T K D F V I G Q F T S G N P Q G I	j G R
UniRef90_M5CA45	S G G M G E G W G D F I A T T V R S S K I Y K D Y P I G A W A A N T E P G I	R
UniRef90_X8JD28 UniRef90_D8Q7B6	A G G M G E G W S D F I A T T V R S T S T Y K D Y P I G A W A A N T R L G I S G G M G E G W G D F I A T S I R S T A K Y S D Y P M G A W A A N R E G G I R	_K N
UniRef90_Q5KAH7	S G G M G E G W G D F I A T S I R S T A K Y S D Y P M G A WA A N R E G G I R A G G M G E G W G D A I A T L V R Q F E N G T D V F S M G A WA A N T D R G I	R
UniRef90_A4BAV4 UniRef90_C5FX29	S F G I A E S F A D I A G E A T E Y A I A V Q N D W K F N A E S F K P T A D S G G M G E G W G D F F A T A I R L K D N R N A N Y V H G E W V N N S P K G N	١R
UniRef90_D8PR03 UniRef90_J3PSV8	S A G M G E G W S D A M A E W M Q Q T S G E V K D F I M G T W V S N N S S G Y S G G M G E G W G D F F A T L I R M H K S K P V D F T M G E W A S G V K G G I	<u>_</u> R
UniRef90_UPI0004407545	SGGMGEGWGDFFATVIRSTA TYSDYTMGAWAANRAGGI LGTLSEAFSDLSGVMAKHWLDPTTNWWHGEETDGS	R
UniRef90_C9NPB1 UniRef90_Q485W4	LIGTLISEAFSDLISGVMAKHWLDPTTNWWHGEETDGS A <u>R</u> TL <mark>H</mark> EAFGDLSGVMAKYFTG <mark>H</mark> TNNWLHGQENG	3 G
UniRef90_UPI00044121B0	S V G L G E G W S D A F A E W T E Q T S G Q I V D Y E V G N F L F A G G I S G G M G E G W G D F M A T A L R L K D T R N T N Y P M G A W Y N D P Q G L	R
UniRef90_W3WK52 UniRef90_UPI00034B56D2	S D A IL IN E A IV IS D IL IM G II I A A T D M G D D G IL IA N N S A T	JK ™
UniRef90_U1KIT0 UniRef90_R7S4R2	DGALNEGFSDLAALAVLDYFNQNRKWWFGWGALYED SGGMGEGWGDFLATTLRSTANYSDYPMGEWAANRVGGLR	K
UniRef90_K5XP35	S G G M G E G W S D M M A V W M G Q T S E R V E D F K I G T Y F S D S G L R S	<u> </u>
UniRef90_M3CEN4 UniRef90_F4RBT4	S G G M G E G W S D M M A V W M G Q T S E R V E D F K I G T Y F S D S G L R S A G G M G E G W S D F Y A T A V R S T G S D T T N Y P I G D Y A I N D A G G I A G G M G E G W G D A L A T L I R M H E A E P V D F T M G E W A S G V K G G I	R
UniRef90_F8P1G7	S G G M G E G W G D E II IA T T II IR S T S S Y S D Y A M G A W A A N R P T GII IR	? NI
UniRef90_X8IZR9 UniRef90_A8P255	SAGMGEGWSDFLATTIRSTEDYH DYAMGSWVSNHPGGI SGGMGEGWGDFLATTIRSNKVYSDYAMGAWAANRESGLR	⊒K N
UniRef90_UPI0003F792E8 UniRef90_E9EQG2	N G A I N E A M S D I L G N L L A I M I D E K D P F T M G D R M D T P S G G M G E G W S D F M A V A V L A K A N R T K D F P L G V W V S N K P K G I	
UniRef90_A0A023BW07	LIGGMGEGWSDFFGILI LII MKAGDIDGRGIVIGI YAILIGQPISG	ίN
UniRef90_V2XXE9 UniRef90_M5BWF9	A S GLN E G WA D A VA D WT Q Q T S E Q T K D F T L G Q F VS G K P Q G L S S G M G E G W S D F F A T I L R S T E E Y K D F A L G G W V A N K T N G I R	R ₹ H
UniRef90_B8NC58	S G G M G E G W G D F M A T A I R L K A G H S T D Y T M G E W A A N K K G G I	R
UniRef90_F9XNE7 UniRef90_B8NMK3	S G G M G E G W S D F F A T R V K N S D K R T V D Y P I G D Y A F N D P K G I S A S M G E G W G D F M A T A I R L K D T R A T D Y G M G M W V Y N D E K G I	R
UniRef90_C7Z3B7 UniRef90_W7QQB2	S G G M G E G W S D F M A T A V H L G A R D T T N H V L G D W V Y N N A N G L A M T L H E A F A D L S G V M V K Y Y T S G S A D W L H G G E N H	
UniRef90_J8AN60		_
UniRef90_G9MES4 UniRef90_A7GP72	A G G M G E G W S D L F A T A L R L K D T R A K D Y P M G A W A D N N V K G L G G A M G E G F G D F L G A T Y E D A V S T T E Y G K V G E W D A T A	
UniRef90_UPI0004622104	_ A G G M G E G W G D F L	RN
UniRef90_UPI000248DCDD UniRef90_UPI000456000F	A G G M G E G W G D V L A S I I R R T G P K P H D W P M G S W A S N R V K G I	R
UniRef90_E3QKL1 UniRef90_UPI0003F4913A	S G G M G E G W G D F F A T A I R L K D T R A T D Y S M G A W V Y N N P A G I A G G M G E G W G D A I A T L I D Q F D N G T D T F A M G A W A A N R E S G I	R R
UniRef90_R7SXE1	S G G M G E G W G D F L A T T I R S N R N Y S D Y A M G S W A A N Q E K G I R	R N
UniRef90_K5VWH1 UniRef90_H0ENY1	A G G <u>M</u> G E G W G D F M A <u>L</u> A <u>L</u> H <u>L</u> K T S R K T N Y <u>P</u> M G D Y V <u>R</u> G R P S G I	R
UniRef90_E2LY68 UniRef90_M2RAY6	A G GIL IG E G W S D A E A D W T E H O S G P D K D E IV IT G A Y IV L ID N P G G IV	/ R
UniRef90_U1KXA3	A G G M G E G W G D F L A T T L R S T K E Y S D F P M G A W A A N R V N G L D G A L N E G F S D L V T V A V M D Y F Q N Q A S W W F G W D A L Y A D Q G	_''\
UniRef90_I3YRG7 UniRef90_F4NWM5	T É Q M G E G W S D F Y G L T I E P G D T G T D A R G V G T Y L L G Q P I T G S G G M G E G W S D L V A E M V E S D T A A T P K P V G V Y V T N D L Q T G I	N ز R
UniRef90_Q5I8R6	S G G L G E G W G D F I A T M I R M N S T T T S T T D I G M Y V L E Q E T I R	<u>N</u> N
UniRef90_UPI0004063F18 UniRef90_UPI0003B591F9	S TA I R N A L I D I F G L E V S N E Y R L T K G W T I G S D L F G D G G A M G E G F G D F L G A T Y E D A M T G N D S Y G L G E W D A V S S G G M G E G W G D F L A T T L R S N K H Y S D Y A M G A W A A N R E S G L R	3 IN
UniRef90_B0DT84 UniRef90 V2X4X2	S G G M G E G W G D F LL A T T LL R S N K H Y S D Y A M G A W A A N R E S G L R LLQT T E A G V S V D T G Y R Y C S H S A T V G D F A LL G Q W V T N T P G G L	₹ N □R
UniRef90_R7XWA9	GGP V SFH I <u>E</u> AKPSPADPTHRW L SGESDPAFG	3 G
UniRef90_U1L993 UniRef90_W9AQH8	NCI NEGI SDI VAI MILTHOAACTDD RGI GTVIVI GODIVITG	2 Δ
UniRef90_E4ZJL4 UniRef90_X8J9N8	S G G M G E G W S D F Y A T A I R L K P A D T T D Y P M G A W I E G D S R G I S A G M G E G L G D F M A T L I R S G E K Y H D F A V G S W V S N R T G G L	R R
UniRef90_U3AV39		
UniRef90_L7UDJ9 UniRef90_C4JX59	I A S L N E G A G D L M G N E L D Q V L L R P A N L T L G E D T G S G M G E G W S D F F A T A V R L K P K R H T D Y P K G A W V A N N P R G V S G G M G E G W G D F Y A T A V R L K R N D T R N T V Y A A WAS N N P G G V D E Q M G E G W S D W Y G A V M T L K P E D V A T D L V G N W L F E Q G P D C S A C L N E G W G D F A T A L R L K D N R N A N Y V H G E W V N N S P R G N S C L N E G W G D F A T A L R L K D N R N A N Y V H G E W V N N S P R G N G V G V G V G V G V G V G V G V G V	ر ا R
UniRef90_C5P7A7 UniRef90_A2TQE3	S G G M G E G W G D F Y A T A V R L K R N D T R N T V Y A A W A S N N P G G V D F Q M G F G W S D W Y G A V M T L K P F D V A T D L V G N W D F F Q G P D F	/JR DP
UniRef90_E4UYA3	S A CLINE G WG D F F A T ALI R L K D N R N A N Y V H G E W V N N S P R G N	N R
UniRef90_F4NTH2 UniRef90_UPI000381DDA3	S G G M G E G W S D W I A I I A K Q G D K D V D P V A V G T F V T N S Q K G I S G E G W S D F F G Y M I T M N P N S V P G R G I G S Y V F G E A P D G S E Q M G E G W S D F F G V I I E P G D V G T D S R A V G T Y L F G Q G Q G G	
UniRef90_I3YYC2 UniRef90_R4LJ34	SEQMGEGWSDFFGVIIEPGDVGTDSRAVGTYLFGQGQGG	GG
UniRef90_UPI00035EFF4C	A G A L G E G F G D Y WA V T M S Q A T S P D T T V T P WA C V M D W D S T G A E Q E G W S D F F G L Y M T M K A G D T G P R G I G T Y V M S E G T D G R R V L E E S L C D L I G L Y V E Q N S P A L Y K W T L G K T V L WE G	śĠ
UniRef90_UPI000477C5E7 UniRef90_UPI0001A9C030	S G G M G F G W G D F Y A I A I V I R II K P K R K I N Y I V I K G G W I V I N N S P K G I V	/ IK
UniRef90_I4FHS2	KKALEESF <mark>C</mark> DIFAVLVRNYHRRNNPHNWLWDVGENFQEG	T P
UniRef90_F4P6L2 UniRef90_A2Q7V4	K K A L E E S F C D I F A V L V R N Y H R R N N P H N W L W D V G E N F Q E G A G G M G E G W S D L F A T L I T A K E S H K A D T V L A A Y A K N T P L G I S G G M G E G W G D F M A T A L R L K P N R T T S Y T M G A W A D N D K C G V	/ R
UniRef90_F4NTE6 UniRef90_Q2C9G0	S S G M G E G W S D WL S L V M K Q G D K D V D P V A V G T Y V T N S Q R G I N C L S F G L S D L Y A L L M T Q P A G M T D P R A M G T Y V L T S G A G L	R R
UniRef90_A3U6Q1	SECLIGE GWS DWF ALVINT QEEDDDTAPRGIIGTYVLGQDQLG	⊒`` S S
UniRef90_L8WKX9 UniRef90_R7SFU2	S L C L G E G W S D W F A L V M T Q E L D D T A P R G I G T Y V L G Q D Q L G A G G M G E G W S D A L A G M T E I N S A K L D D F T L G A F V T G I A G G I A K G M S E G W S D Y V T T M V R A T D P H A E Y A M G E W L S N K E G	_K 3_G
UniRef90_U2TL98 UniRef90_T5AP25	PG EGISDFLISLFYTARATDTGPQGRGVGTYTTGVGI	R
UniRef90_A2TR47	AKGMSEGWSDYVTTMVRA TDPHAEYAMGEWL SNKEGPG EGLSDFLSLFYTARATDTGPQGRGVGTYTTGVGISGGMGEGWSDFMAVALNTSYTRDSDFPISPWTFNNATGLLGGMGEGWSDWLGLVMTIRPGDTRDTARGVGTYTTGAGINQAPGEGISDLLSLIYTAKATDTGPQGRGMGTYTTGLGLNGAVVEAYSDILGELCES NPDWKMGKNAYRYNSDGKNALEESFCDIFAVLVRNYHRWNNPHNWLWDVGENFQEG	R
UniRef90_L7UH94 UniRef90_W7UFA2	N Q A P G E GIL S DIL L ISL I IY T A K A T D T G P Q G R G M G T Y T T G L G L N G A V V E A Y S DIL L G E L C E S N P D W K M G K N A Y R Y N S D G	_IR 3 T
UniRef90_I4GFW3	KNALEESF <mark>C</mark> DLFAVLVRNYHRWNNPHNWLWDVGENFQEG	ĠĠ
UniRef90_L8WRC8	A G G M G E G W S D A M A E L T E A K S T P L P N F T L G S Y V T G K Q G G L	R

	040
UniRef90_K1PCV1	AFRDMCDQNKDGKSVHIKDYY DGDEVHLASGLNKV
UniRef90_J3P5W2 UniRef90_X1CJ49	A Y P Y S T S R T V N P L T Y A S V N S L S T V H P L G T V WA T M L Y E V M W
UniRef90_X0Z3F6 UniRef90_E9UMS8	A F R S
UniRef90_V2X097 UniRef90_M5CA45	A I R D M W N P N C Y G D P G D E E Y H C D G A T D S G G V H V N S G V I N H H S Q P Y S V D P T V N T L R Y S D I G R L Q E S H Q I G E V W A N I L H N V Y H F P Y S A N A T A N P S L Y G F R I D Y R E V H A I G E V W A E L L W A D S S
UniRef90_X8JD28	H F P Y S T N T T II IN P S IL IY S Q R II ID Y Q E IV IH A II IG E IV IWA N K IL I ID K H G
UniRef90_D8Q7B6 UniRef90_Q5KAH7	Y P Y S L N N P S T Y K T L D K P G Y W G V H A I G E V W A E L W V V Q Q N Y K Y S T N P S T Y K T L D K P G Y W G V H A I G E V W A D T S K P N D Y
UniRef90_A4BAV4 UniRef90_C5FX29	A A R Y F A D P A V D G R S I A S L K D W H P G V I G H H L G G V F N K A L F P Y S T S L K T N P L V Y T S C N K Y N E V H A I G T V W A S I L Y E V L W
UniRef90_D8PR03 UniRef90_J3PSV8	LFPYSTSLKTNPLVYTSCNKYNEVHAIGTVWASILYEVLW SHPYSTDPNVNPLRYSSIKDLEEVHDIGEVWANV LHNVY KYKYSINPETYQTLD KPGYWGVHAIGEV WAEMLFTVA
UniRef90_UPI0004407545	T Y P Y S I N M T I N P T T Y K T V D K Y W F V H S I G O A W D N G T I P F G D
UniRef90_C9NPB1 UniRef90_Q485W4	RKLNGI QTESAAVSSYLDYATAGNN PYLRIGLITYP LTRHLDQLKTENGALDSFLDYEEAGDN FYLRIGMLSYP
UniRef90_UPI00044121B0 UniRef90_W3WK52	LTRHLDQIKTENGAIDSFLDYEEAGDN FYLRIGMISYPNFPYSTDKAVNPLVFSDVAKLDEVHNIGEVWANALHQVHV SVLFSTSLTTNPNTYTTLNSKNEVHDIGETWTTMLYEVMW
UniRef90_UPI00034B56D2 UniRef90_U1KIT0	NLEDPVKSKSPNRVDGTYWEGNDQYDEHHNATVIGHA AARFYELPSWDGTSIDHASDFSLA YVYSLDNPSTYKTLD KPGYWGVHAIGEVWANGTVPAGD
UniRef90_R7S4R2	Y V Y S L D N P S T Y K T L D K P G Y W G V H A I G E V W A N G T V P A G D P Y S T D E T V N P L K Y S D V S R L K E V H N I G E V W A N T L Y N V Y
UniRef90_K5XP35 UniRef90_M3CEN4	A Y V Y S T S M Q T N P Y T Y S S L N S L S A V H Q F G T V WS T M L Y E M Y
UniRef90_F4RBT4 UniRef90_F8P1G7	S L N S T V N P E T Y K T L D K P G Y W G V H A I G E V W C E M L F T L A F L Y S T D N P S T Y K T L D K P G Y W G V H A I G E V W A E M L I P T G N
UniRef90_X8IZR9 UniRef90_A8P255	K Y P Y S K D I S V N P S M Y S D D P E V S R K H D I G E V W A E I L W V V S Y V Y S M N N P S V Y K T L D K P G Y W G V H A L G E V W A E L L W V V S Q
UniRef90_UPI0003F792E8 UniRef90_E9EQG2	FRDMGNPRKHEOPEFIVIWDEYTEDNDNGGIVIHTNSSILLINILL
UniRef90_A0A023BW07	S F P Y S T N I Q T N P Y T Y A S A N E K N E V H A M G E I WA N T L Y E V F W G L R P T R Y S T D T S I N S T D Y G D I N N L R V P H G V G L W D M T
UniRef90_V2XXE9 UniRef90_M5BWF9	TKPYSVNENVNNLKYSDVRLRSEEHDLGEVWANM LHNVYYLYSTNNPFTYKSLDE PRYLGVHAIGEVWAEI LWVVSAYPFSTSLETNPLTYTSLNELDEVHAIGAVWANVLYELL
UniRef90_B8NC58 UniRef90_F9XNE7	AYPFSTSLETNPLTYTSLNELDEVHALGAVWANVLLYELL AYVYSTSLTTNPYTYSSLNTLTRVHQFGTVWCSTLYEVLW QYLYSTSMETNPLNYTSLNRMWEAHAGGTVWASMLYEVLW
UniRef90_B8NMK3 UniRef90_C7Z3B7	QYLYSTSMETNPLNYTSLNRMWEAHAGGTVWASMLYEVLW AYPYSTSLTTNPYTYRSVNSLSGVHAVGTYWATALLIDKH
UniRef90_W7QQB2 UniRef90_J8AN60	RVR QLN QLQT E S Q A LA S FLD Y D D A G D N Y Y LR LG M M T Y P
UniRef90_G9MES4	QYPYSTSLTTNPLTYKSVNTQTEVHSSGTTWATILLIDKY
UniRef90_A7GP72 UniRef90_UPI0004622104	Y S S D P T CL R R L D N N K V Y P K D I Q N E V H A D G E I WA Q G Y P Y S L N N P S T Y Q T L D K P G Y W G V H A I G E V WA D G T I P E G D Y S S S N P P CL R R L D V N K V Y P R D L Q N E V H A D G E I WS Q G
UniRef90_UPI000248DCDD UniRef90_UPI000456000F	N <u>YP</u> YSINII <u>V</u> NPEIYAY L DR <u>Y</u> WG V <mark>H</mark> A I GE <u>V</u> WAIM L NE <u>AE</u>
UniRef90_E3QKL1 UniRef90_UPI0003F4913A	N Y M Y A S N A T T N P S T Y K D S P G Y W G IV I H A II I G E IV I W A E F IL I F IV IM A
UniRef90_R7SXE1 UniRef90_K5VWH1	Y P Y S L D N P S T Y K T L D K P G Y WG V H A I G E V W D D G T I P E G D F L Y S L N N P S T Y K T L D K P G Y W S V H A I G E V W A E M L W V V E
UniRef90_H0ENY1 UniRef90_E2LY68	T Y IL IY S T S Q S IV IN P MIL IY S T A N N S T IL V I <mark>H</mark> F II IG T II IWA T MIL IY E IV IM W
UniRef90_M2RAY6	EFPYSTNATVNPLRYSSIESGGEVHSTGEIWAN LLHNVY NYPYSVNPSTYKTLD KPGYWGVHAIGEVWANGTVPAGE VRFYELPSWDGTSIDHVADFSTG KTEHANGGVLRKA
UniRef90_U1KXA3 UniRef90_I3YRG7	GIVIRTKRYSTDFAIVINDHTYDDII IKSAIVIHGII IGEII IWATMII IWDIVIT
UniRef90_F4NWM5 UniRef90_Q5I8R6	QFPYSTDLTINTHTYSKLSTTREVHDVGEV WATMLFEVY YVYSTSMKKNPVTFEYLGRDEWQEVHNAGEVWA EILYEV
UniRef90_UPI0004063F18 UniRef90_UPI0003B591F9	YLRSFSNPKSKGQFNFYKCQGW DAAVPEQMAGVWTQF YSSTNPPCLRRLDANKVYPRDWA GEVHDDGEIWSQG YLYSLDNPSTYKTLD KPGYWGVHAIGEVHTDGTIPLGD
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UniRef90_R7XWA9	A I R D M WN P N C Y G D P G S D A E Y T C G S E D S G G V H S N S G V V N R T A I R D L A N P G S A H P N D R Q T M R R P N W Q L D T S S Y D L L G P L N Y L
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UniRef90_U3AV39 UniRef90_L7UDJ9	G
UniRef90_C4JX59 UniRef90_C5P7A7	QYVYSTNMTTNPLVYTTVNSLNQVHAIGTVWATLLYEVLW AYPYSTDFFINPITYTSVNQINFVHAVGTV WATMIYFILI
UniRef90_A2TQE3 UniRef90_E4UYA3	A Y P Y S T D F E IN P L T Y T S V N Q L N E V H A V G T V WA T M L Y E L L G I R Y T T D L S Q D P R T Y N N I Q S A S V P H G V G S V WA A M L WE M T M F P Y S T S L Q T N P L V Y T S C N K Y N E V H A I G T V W C S L Y E V L W S H P Y S T D T G V N P L K N S D L A R R N E V H D L G E V WT T M L W E V Y
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MINISTREED PROPRIES PROPRIE		MFREISAKPNRNPGLDNQVVLHEYGHGISIRLIGGMFSPE MFLWDTSNPKRDCTFDAGVVIHEYTHGLSNRLITGGPANG
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Jinker90	UniRef90_L8WNM0	MYVWNTASPYRDGDLEAGIVLHELTHGLSTRNSGCLGWGE
Jinker90	UniRef90_Q1AT23	WEPINDAFEGPCRDGDFDVIEHEYAHGILTNRYVNALGTHQ
Jinker90	UniRef90_F6GEF7	NASLVAAPPFRDGSLDNLIVAHEYGHGISSRLAGGPSSSN
Jinker90	UniRef90_R8BM05	MYL WTYSTPNRDCAFEAGVII HEYTHGVSNRNSNCLNSLE
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JniRef90_B4UKA7 JniRef90_UP1000367F470 JniRef90_UP1000367F470 JniRef90_A6ELY6 JniRef90_A6GWC2 JniRef90_W855N9 JniRef90_W85U49 JniRef90_M7N7U9 JniRef90_UP1000381EA43 JniRef90_UP1000381EA43 JniRef90_UP1000387F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100036B7CFF MVDGDLDSDVVFHEYGHGLLTWRMIGGMSGPL DVAEVUVPNIVQGE NDGSGVDDNQRDGSLDAEVIVHEYGHGLSIRLTGGPGNSS VSI TASGNYYMRDGDFDNGIVAHEYGHGISTRLTGGPGNSS VFGNGMSAD A E DAGVI LHELAHMINYRLISNWEEGD DGDFDNGI VHEYGHGISIRLTGGPDNRP A F GATDPTIDSNGGDDASVVVYHEYTHGLSSRRAQALNSAQ WEPINDAFEGPOSF92 JNIRef90_UP100036B7CFF MDNSVI THEYAHGLSNRYGGALGSHQ NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA MDNSVI THEYAHGLSNRYGGPGSGD NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGCVQFNA NGSLLNDGPFIDGNLDNGI VAHEYTHGI SMRLTGGCPSTTS	UniRef90_B4D692	MYLIFTGPSPHRDGDLDMEVVFHEHTHGILSNRLVGGGVGLQ
JniRef90_B4UKA7 JniRef90_UP1000367F470 JniRef90_UP1000367F470 JniRef90_A6ELY6 JniRef90_A6GWC2 JniRef90_W855N9 JniRef90_W85U49 JniRef90_M7N7U9 JniRef90_UP1000381EA43 JniRef90_UP1000381EA43 JniRef90_UP1000387F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100036B7CFF MVDGDLDSDVVFHEYGHGLLTWRMIGGMSGPL DVAEVUVPNIVQGE NDGSGVDDNQRDGSLDAEVIVHEYGHGLSIRLTGGPGNSS VSI TASGNYYMRDGDFDNGIVAHEYGHGISTRLTGGPGNSS VFGNGMSAD A E DAGVI LHELAHMINYRLISNWEEGD DGDFDNGI VHEYGHGISIRLTGGPDNRP A F GATDPTIDSNGGDDASVVVYHEYTHGLSSRRAQALNSAQ WEPINDAFEGPOSF92 JNIRef90_UP100036B7CFF MDNSVI THEYAHGLSNRYGGALGSHQ NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA MDNSVI THEYAHGLSNRYGGPGSGD NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGCVQFNA NGSLLNDGPFIDGNLDNGI VAHEYTHGI SMRLTGGCPSTTS	UniRef90_M5BQC4	MF MWT KT VP P R D G A LE N D L V L H E Y T H G L T N R L T G G G T S E E
JniRef90_B4UKA7 JniRef90_UP1000367F470 JniRef90_UP1000367F470 JniRef90_A6ELY6 JniRef90_A6GWC2 JniRef90_W855N9 JniRef90_W85U49 JniRef90_M7N7U9 JniRef90_UP1000381EA43 JniRef90_UP1000381EA43 JniRef90_UP1000387F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100036B7CFF MVDGDLDSDVVFHEYGHGLLTWRMIGGMSGPL DVAEVUVPNIVQGE NDGSGVDDNQRDGSLDAEVIVHEYGHGLSIRLTGGPGNSS VSI TASGNYYMRDGDFDNGIVAHEYGHGISTRLTGGPGNSS VFGNGMSAD A E DAGVI LHELAHMINYRLISNWEEGD DGDFDNGI VHEYGHGISIRLTGGPDNRP A F GATDPTIDSNGGDDASVVVYHEYTHGLSSRRAQALNSAQ WEPINDAFEGPOSF92 JNIRef90_UP100036B7CFF MDNSVI THEYAHGLSNRYGGALGSHQ NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA MDNSVI THEYAHGLSNRYGGPGSGD NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGCVQFNA NGSLLNDGPFIDGNLDNGI VAHEYTHGI SMRLTGGCPSTTS	UniRef90_F2SIX9	GTNNANFATPPDGK PGLSNRLCGGPAN
JniRef90_B4UKA7 JniRef90_UP1000367F470 JniRef90_UP1000367F470 JniRef90_A6ELY6 JniRef90_A6GWC2 JniRef90_W855N9 JniRef90_W85U49 JniRef90_M7N7U9 JniRef90_UP1000381EA43 JniRef90_UP1000381EA43 JniRef90_UP1000387F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100037F41E7 JniRef90_UP100036B7CFF MVDGDLDSDVVFHEYGHGLLTWRMIGGMSGPL DVAEVUVPNIVQGE NDGSGVDDNQRDGSLDAEVIVHEYGHGLSIRLTGGPGNSS VSI TASGNYYMRDGDFDNGIVAHEYGHGISTRLTGGPGNSS VFGNGMSAD A E DAGVI LHELAHMINYRLISNWEEGD DGDFDNGI VHEYGHGISIRLTGGPDNRP A F GATDPTIDSNGGDDASVVVYHEYTHGLSSRRAQALNSAQ WEPINDAFEGPOSF92 JNIRef90_UP100036B7CFF MDNSVI THEYAHGLSNRYGGALGSHQ NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA MDNSVI THEYAHGLSNRYGGPGSGD NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGVQFNA NGSLLNDGPFIDGNLDNGI VAHEYGHGVSNRLTGGCVQFNA NGSLLNDGPFIDGNLDNGI VAHEYTHGI SMRLTGGCPSTTS	UniRef90_J3CBY3	DGSFDNGIVTHEYGHGISNRLTGGWTCLQ
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGULAHEYTHGUSMRUTGGPSTTS	UniRef90_B4UKA7	MVDGDLDSDVVFHEYGHGLTWRMIGGMSGPL
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGULAHEYTHGUSMRUTGGPSTTS	UniRef90_UP1000367F470 UniRef90_A6ELY6	NDGSGVDDNQRDGSLDAEIIISHEYGHGLISIIRLITGCVAGTY
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGULAHEYTHGUSMRUTGGPSTTS	UniRef90_A6GWC2	VSISNPEVVNTDGDFDNGI I AHEYTHGI SSRLSGNCLGG
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGULAHEYTHGUSMRUTGGPSTTS	UniRef90_W8F5N9 UniRef90_W8ZU49	VIF G N G M S A D A E D A G V I L H E L A H MII N Y R L I S N W E E G D
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGULAHEYTHGUSMRUTGGPSTTS	UniRef90_M7N7U9	DGDFDNGI I VHEYGHGI SERLTGGPDNRP
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGU JAHEYTHGUSMRUTGGPSTTS	UniRef90_D3FEW7 UniRef90_UPI000381FA43	WEPLINDAFEGPYSDGNFDIVIEHEYAHGIISNRYIVINAIINTHO
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGU JAHEYTHGUSMRUTGGPSTTS	UniRef90_E6SC97	PHRDGSFDMSVIEHEYSHGLSNRYGGALGSHQ
JniRef90_C9SF92 RIQMSI_WSGSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD JniRef90_UPI00036B7CFF YKDGDUDNGU JAHEYTHGUSMRUTGGPSTTS	UniRef90_UPI00037F41E7 UniRef90_F4B2I0	MDNS VI THEYAHG STR L TGGPFQ V ENGS L NDGPF DGN DNG VIAHFYGHGIVISNRII TGCIVIOFNA
JNIK619U_UP10U036B/CFF	UniRef90_C9SF92	R OMSOWS GSRDSVFDTTVLLHEYMHGVTARLVGGPGSGD
JniRef90 E9URD5 RITRICG KGGVDDAEDAEVIVIHEYGHAVHSQVPGYGSSID	UniRef90_UPI00036B7CFF UniRef90_I0K7V6	YKDGDLDNGIIIAHEYTHGIISMRILTGGPSTTS
	UniRef90_E9URD5	RURUG KGGVDDAEDAEVLVHEYGHAVHSQVPGYGSSUD

	170 180 190	200
UniRef90_A0A024YRF7	A G A [G E A F G D Y L A V T V G E H A V A R Y G W T R R T E V G C V A	DWD
UniRef90_F0P248 UniRef90_F4NX53	K E Q M G E G W S D F F G Y I M Q P E D K G T D A R G I G T Y V T D Q P T T R G M G E G W S D I F A M I V T A K Q S H K A D T Y F G R Y S K N N N N N	T G R G M R
UniRef90_A0A016PIE1	GCLGEGWSDFMAIAIKPKDTRSANKPMGDWISGKAA	Ğ∭R
UniRef90_Q6M9R7	S G A L D E S L A D V F G I A F K H W S	^ C
UniRef90_I0HAI6 UniRef90_G2WZH6	S Q G M S E S W S D L L A L E Y L Y E H G Y S K D Y T V G E Y V T G D A T A S G G M G E G W S D F F A T A L R L K D T R A T D Y V M G A <u>W</u> A T N N P A G	GIR
UniRef90_A0A023S8K4	WGALGEGFSDYLAASHRQRSEAGRQFE <u>P</u> AMVFWDARF	TDR
UniRef90_H8XR88 UniRef90_UPI0003B5B80F	G S A E Q E G W S D WA WL M M Q L K A G D T N A R G L G T F A M N Q A T L T G A L G E G W S D V L S F L K W G D A L L G E Y A T G N T T	N G P T G
UniRef90_A8UEW7	Q MGEGWSDWEGIMVTMKSTDESDDARGIGTEATGE	GII R
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UniRef90_V2XWD8	A G G L G E G W S D A F A D W T E H Q S G P V R D F V T G P Y V L N D P R (GAR
UniRef90_UPI000474F3CC UniRef90_UPI000405F325		DWD
UniRef90_F4P9R1	A D G M G E G W S DII	GFR
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UniRef90_UPI0003789535 UniRef90_B4VBH3	S I S M G E G W G D Y F A L I I I N F S R P E E R V V L G N W V V D S P K (GIR
UniRef90_F8L729	L G A I N E A I A D I V G V M Y K Q K S D Q Y N D WK V N G T I	HRN
UniRef90_F2SJN9 UniRef90_V6S9H5	SGGMGEGWGDFYATAIIRLKPRDTKNYSMGAWAANNPK SEQMGEGWSDWFWLMMQIKPGDTRNDNRGFATFTAGT	G∐K T G G
UniRef90_UPI0003777493	S G A T G E G F G D Y W A Y T M S Q A V S P N T S V T P W A C V G I	DWD
UniRef90_C1CXB4 UniRef90_UPI000362DA18	Á Ġ A L Ġ E Á F Ġ D Y L A M T V Ġ Y A V S T A N Ġ A P V R A P L G <mark>C</mark> L M I Q G G E G W S D F V A L V I E E S A L G E G V R S I G N Y V L K Q G A (GGK
UniRef90_F4P2A0	A G G M N E G W S D M E Y MIL V IT A T O S O N S K T PIL IG S Y A IL IN N A N I	$G \Delta R$
UniRef90_UPI000367A755 UniRef90_UPI000400A7C9	QEQMGEGWSDFFALWMTTKPGDIGATGRGIGTYTNGI AN <mark>C</mark> LQEGWSDYFALMITMKPNE <u>T</u> RDFGIATYV <u>V</u> GEGL	G∐K GGK
UniRef90_UPI0003807B2C	WGAMNEGFADYWAMSTRKAPKHI DDYF I NR II ATWGE :	SRG
UniRef90_UPI000360B4DF UniRef90_A0A024F5J7	A G C L S E G W S D F F A L M L T Q L P G D T G T T K R G L G T F T D G S C G G S L N E G F <u>A</u> D <u>Y</u> F T <u>A M</u> Q L G S P <u>R</u> M G E A <u>S</u> Y K	G∐K
UniRef90_I4H679	K N A L LE E S F C D I LF A V L V R N Y W N N P H N W L L W D V G E N F Q L	EGG
UniRef90_UPI00036222C5 UniRef90_C3DJG9	S G G M G E G W S D F W A L M L T Q R P T D T Q N Q A M G T Y V E G Q S P T G G A M G E G F G D F L G A T Y E D A V S T T G Y G K V G E W D A T A	ı G G
UniRef90_E7RED6	A G S M G F A W G D W F A M H Y II I I K N N II I O D K A IV V IG A Y IV IT G N G II II	RSW
UniRef90_L9PJS7 UniRef90_N1S629	T G A M G E G F G D Y W A A S Y S Y S T P N G K L Y H P E W A F S W D G H O S G C L G E G W G D F M A T A L H L Q S K D T S N K V M G D W V Y N N A A O	G A W
UniRef90_F4P1A6	S	NGR
UniRef90_G4TAI3 UniRef90_A0A017T7A2	A N G S R F G W S D A Y A N W M E Q S D G N V K D Y V F G A W V N N S P G G G G D E G D A D Y F A C T L D N G N A L L G E A T L A P	G L R L G
UniRef90_F4P017	A G G M G E G W S D L F A M I V S A K E S Q K S D T P I G T Y I Q G G P E (GII R
UniRef90_F2IBB8 UniRef90_J3CF95	E E Q M G E G W S D W F G L M L T Q V A S D Q P G D G R G V G T Y N N G E G V Q G L S E G C A D Y W A Q S Y S R S L N Q W P S :	G∐R S <u>A</u> P
UniRef90_W4M7U3	SRGMGEGWSDYFALTVONFFRDEEVVTIGTWVVDNAN GGGMGEGWGDFLATMLRANENYSDYPMGAWAANTDKG	ĞÜR
UniRef90_UPI0004415869 UniRef90_J1FF34	G G G M G E G W G D F L A T M L R A N E N Y S D Y P M G A W A A N T D K G L A G G M G E G W S D W F G L M M T M K D T R E K L R G L G T Y A V G E P T	∐K N T G R
UniRef90_I3YU66	E E Q M G E G W S D Y F A T V M T T Y N G D T G A T P M G S Y A S G D P N (G∐R
UniRef90_G5QHU3 UniRef90_Q6LIN1	D S A I D E A F S D I F T V F F N N H S G D A V D W D I G R G Y S R T G A I G E G L G D Y W A A S S R Y R T N K T F Q P D I V F S W D G V N T S	T G E S K T
UniRef90_UPI0003FC8919	A FOMGEGWSDWEALMMOLKPGDTASRGIJGTEAVSOST	D G V
UniRef90_G8R3C8 UniRef90_W7VS45	RG <mark>C</mark> TEEAT <mark>C</mark> DYFAASYSASTSEFNSSTVFNWDSGNGT SQGMSESWSDQLAMEYLFEHGY <u>A</u> APFTIGEY <u>TT</u> QDPN	V W S A G I
UniRef90_V2WLD8	A G G M G F G W S D A M A D W T F K T S A A IV IP D F IV I IG Q Y IV I ID D P A (GIIIR
UniRef90_L8WNM0 UniRef90_Q1AT23	S G G M G E G W G D F L A T T L R S T K D Y K D F A M G S W A A N Q V K O S G S M G E G W G D W Y A L N Y L H R E G L Y G K S V V G E Y V T G N P A J	RGR
UniRef90_A0A017THC0	S G G D E G D S D Y F A C S I N N A E Q M G E G W S D W F G L M I T M T S T D T D A R G G T Y A I T Q P V	Ë Ă Ď
UniRef90_F6GEF7 UniRef90_R8BM05	> (3 (3 N) (3 E (3 N) (3 I) E N/A I I R I K > A I) K I Y N/(3 A N/(7 I) N N/A K	(-11 R
UniRef90_E2LS89	A S G M G E G W S D A V S D W F S H T D T P E R D F V V G Q W L A G N D A C S G G M G E G W G D F M A T A I R L K P N R R T S Y T M G A W A D N D K R	ĞLR
UniRef90_G7XXU2 UniRef90_F4L428	DEOMGEGWSDEETTTIVK PDONGKII IA RGII IGN YIVI IYEDII II	G V K Q G T
UniRef90_D0LVD9	P G G M H E G Y A D L M T I I F I V I T D D P E I V I G E Y I V I A G E F (GSD
UniRef90_A1SHN7 UniRef90_F6GFZ8	VINGILISE GUGDY WANSY KRSILIG QWN I I DASYYYIVI	
UniRef90_B0D525	A K GILIG F G W S D A IVIA F Y ILIPIL LIWA F O T S A PILIO A F S A GIVIWIVI	TGN
UniRef90_UPI0003B2F698 UniRef90_UPI000369AD11	GCLNEGWSDFFGLWMTTKPGDVGTTPRGIGTYASGG QG LSEG <mark>C</mark> GDYWAA _ SYNRGLGDWTPADPQ <u>Y</u> FWLF	NWD
UniRef90_V6SQK0	QQG EGWSDWFAMQII KPGDTRNGDRGFATFAIL NQPPI	NGN
UniRef90_Q023Z1 UniRef90_B4D692	S G A M G E G W S D Y F S	ΥΥG
UniRef90_E6SHL3	A G S M G E A W G D W Y G M S Y IL I A R G L Q D R P I V G Q Y V T G N S K `	T GII I
UniRef90_M5BQC4 UniRef90_F2SIX9	A Q G L G E G W S D A L A D W A H Q S S E E G V A E D F T M G T Y V N L R C S G C L N E G W G D F F A T A L R L K D N R N A N Y V H G E W V N N S P K C	GNR
UniRef90_G8T9A4	QGG EGWSDFFAILIMMTQILITDGPNPKPMATYAAAQPAI	NGT
UniRef90_J3CBY3 UniRef90_B4UKA7	S S S M G E G W S D F F A L MLT N K A G D N A P R G I G T Y V I G Q S N A G A V G E G M S D V L A V V M N E D D R V G E Y A A S N P L	o G G G∏R
UniRef90_UPI000367F470	G G A II I H E G F S D F IL IA A S F IL IS A IV IS D F S D S II V IF E W A G	
UniRef90_A6ELY6 UniRef90_A6GWC2	T E Q M G E G W S D W L G M T M E T G D T A A D P R G I G T Y S S G Q G S A S E Q M G E G W S D W S W L M M Q L K D T R N D A K G I G T F A Q N Q P T I	A G A N G G
UniRef90_W8F5N9	A E Q M G E G W S D F F A L WM T T K P G D V S T T G I G T Y A S F E P V I	TGG
UniRef90_W8ZU49 UniRef90_M7N7U9	T G A L G E G L G D Y WA A S Y T Y R N N P Y Y D D T V F R W D G L N T S T E Q M G E G W S D W F A L M M T M T K A R E K V R G L G T Y A S L Q P T L	N∐S DGR
UniRef90_D3FEW7	T E Q M G E G W S D W F A L M M T M T K A R E K V R G I G T Y A S L Q P T S G A M G E G W S D W Y A L D F L V A D D L Q P D T V A G E I R L A A S L S G S M G E G W G D W Y A L N Y L Y G N G L A E R P V V G E Y V T G N A D	DĞĞ
UniRef90_UPI000381EA43 UniRef90_E6SC97	S (i S M (i F (i W (i D) W Y A II N H A Y I F (i F I S R A IV V (i A Y A I (i N F I I	RGR
UniRef90_UPI00037F41E7	DEOMGEGWSDEEATTII RPDDTGATRRTII GNYAAROPTI	N G <u>N</u>
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O111170120 F3017D3	A SAL SEST SETERMINDED A A REF G WEWAA DE S <mark>C</mark> E MI	レッソレ

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UniRef90_F6GEF7 UniRef90_R8BM05	N <u>L</u> I <u>D</u> KYGKTTASKPTFSNG <u>V</u> P <u>T</u> D <u>G</u> RY <u>L</u> A <u>M</u> K L
UniRef90_E2LS89 UniRef90_G7XXU2	
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UniRef90_UPI00037F41E7 UniRef90_F4B2I0	- W(3 Ε ΙΙ ΙΙ) Ε Ε (3 Ε Ι) Δ Ι) ΙΙ ΙΥ ΝΙ (3 Ι (3 (3 Ν ΝΙΙ ΙΔΙΙ Ι())Ι - V ΙΜΙΙ) (3 ΙΙ ΙΚ ΙΙ Ι() <mark>Ε Γ΄</mark> - ΝΙ <mark>Ε</mark> (3
UniRef90_C9SF92 UniRef90_UPI00036B7CFF	WNLADAHGI GDVDSVVLDAAGVPRGARYLLLKL LLDSNAN WNI IQMDGI NRDI SKGEGGNSI VYKLVMEGMKLQPCS PG
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