QUERY UniRef90_Q3T101 UniRef90_A2NYV4 UniRef90_UPI000333BBAA UniRef90_S6C4Q9 UniRef90_Q96JD0 UniRef90_UPI00020DB11B UniRef90_S6AWE6 UniRef90_UPI0002C59389 UniRef90_Q7Z2U7 UniRef90_UPI0003C27AD2 UniRef90_UPI0003C27AD2 UniRef90_UPI0003E923 UniRef90_UPI0003BE924D UniRef90_UPI0002D25752 UniRef90_UPI0003BE924D UniRef90_UPI0003315644 UniRef90_UPI0003BBD3B UniRef90_UPI0003BBD3B UniRef90_UPI0003C63EB2 UniRef90_UPI0003C63EB2 UniRef90_UPI0003C63EB2 UniRef90_UPI0003C63EB2 UniRef90_UPI0003C0171A UniRef90_UPI0003C0171A UniRef90_UPI0003AFF9AC UniRef90_UPI0003RC0D60 UniRef90_UPI00037E466	1
UniRef90_UPI0003C8DA2E UniRef90_UPI0002380B79 UniRef90_G1LAV8 UniRef90_UPI0003AF6F58 UniRef90_USJE78 UniRef90_USJE78 UniRef90_UPI00046C2F42 UniRef90_UPI00027F4778 UniRef90_UPI00027F4778 UniRef90_UPI00027F4778 UniRef90_USJE76 UniRef90_USJE76 UniRef90_USJE70 UniRef90_USJE70 UniRef90_USJE70 UniRef90_USJE70 UniRef90_USJS70 UniRef90_UPI0002743753 UniRef90_UPI0002743753 UniRef90_UPI0002743753 UniRef90_UPI0002743753 UniRef90_UPI00046B654F UniRef90_UPI0003C4A763 UniRef90_UPI0003C4A763 UniRef90_UPI0003C4A763 UniRef90_UPI0003C4A763 UniRef90_UPI0003EEDSA UniRef90_UPI0003EEDSA UniRef90_UPI0003BECFC6 UniRef90_UPI0003F12294 UniRef90_UPI0003F12294 UniRef90_UPI0003C90567 UniRef90_UPI0003C90567 UniRef90_UPI0003C90567 UniRef90_URIW33	S A L T Q P P A V S V A L G E T VS I T C Q G D L G S Y G A N WY Q Q R E L V L T Q S P A L S V S P G E R A T L S C R A S Q N V H P R Y F A WY Q Q L Q S V L T Q P P A V S V S P G E R A T L S C R A S Q N V H P R Y F A WY Q Q L Q S A L T Q P L S V S A A L G Q K V T I S C T G S S S N I G D N Y V S W F Q Q L Q S A L T Q P L S V S A A L G Q K V T I S C T G S S S N I G D N Y V S W F Q Q L Q S A L T Q P L S V S A A L G Q K V T I S C T G S S S N I G D N Y V S W F Q Q L Q S A L T Q P A S V S G N P G Q T V T I S C T G T S S D I G G Y Y V G W Y Q Q K R Y Y L N WY L A W Y Q Q K R S V S P G L V T Y L S C T S S C R S S Q S L V H S N Y L N WY Q Q K R S V T Q P N S L P V S L G D Q A S I S C R S S Q S L V H S N Y L N WY Q Q K R Q P V V T Q P P S V S V S P G Q T A R I T C G G D N I G S E V V N W Y Q Q K R Q P V V T Q P P S V S V S P G Q T A R I T C G G D N I G S E V V N W Y Q Q K R Q P V L T Q P P S V S V S P G G T V T L T C T F S G G N V A G Y Y L Y W Y Q Q K R Q P V L T Q P A S L S A S P G A S A S L T C T F S G G N V A G Y Y L Y W Y Q Q K R Q P V L T Q P P S V S V S P G G T V T L T C G G N N I G N K Y S H W Y Q Q K R Q T V V T Q E P S L S V A P G G T N T L T C G G N N I G N K Y S H W Y Q Q K R C T S S G T S S C T S S G T S S C T S S G T S L Y C T S N Y V A M Y Q Q K R C T S S
UniRef90_UPI0003443FDD UniRef90_A2JA14 UniRef90_UPI0002ADA537 UniRef90_UPI00038BE24F UniRef90_UPI000359B03A UniRef90_UPI000359B03A UniRef90_G3UEY9 UniRef90_G3UEY9 UniRef90_UPI000359D592 UniRef90_UPI0003C4CF3C UniRef90_UPI0003C4BEBF UniRef90_UPI000011156B UniRef90_UPI000011156B UniRef90_UPI00001743062 UniRef90_UPI00046B9C07 UniRef90_UPI00046B9C07 UniRef90_UPI0003C01D62 UniRef90_UPI0003C01D62 UniRef90_UPI0003C01D62 UniRef90_UPI00044411D1 UniRef90_M3XPW8 UniRef90_UPI0002743061 UniRef90_UPI0002743061 UniRef90_UPI0002743061	Q D R D I Q W T Q S P S L S A S V G D R V S I T C R A R E G I S S D L S W Y R Q K Q F V L T Q P N S V S G S L G S T I N I S C K R S S G S I G S Y Y V H W Y Q Q Q G Y V L T Q P K S V S E S L G R T V T I S C K R S S G N I A D N Y V H W Y Q Q Q Q I A L T Q T P S L T V S L G D R V T I K C K A S S S L T H S S T G A W Y Q Q K E V Q L V E S G G G L V Q P G G S L R L S C T C S G F T F S S Y Y M Y W V Q Q K E V Q L V E S G G G L V Q P G G S L R L S C T C S G F N L S D K Y V H W Y Q Q K Q P V L T Q P P S V S V A L G Q K A T I T C T S G S D I S G Y W I S W Y Q Q K Q P V L T Q P P S V S V A L G Q K A T I T C T S G S D I S G Y W I S W Y Q Q K Q P V T Q E P S M S V T P G G S V T L S C S Q S T G A I T S S Y P G W F Q Q K Q P V T Q E P S M S V T P G G S V T L S C S Q S T G A I T S S Y P G W F Q Q K Q P V T Q E P S M S V T P G E K V T I T C Q A S E G I G N Y L Y W Y Q Q K Q L V Q S G G G L V Q P G G S L R L S C V A S G F T F N N Y W M S W V R Q A D V V M T Q S P A L S V T P G E K V T I T C Q A S E G I G N Y L Y W Y Q Q K Q L K L E Q P E S L S R E R D E N V H I P C K V S S N S F I S D Y I Y W Y Q Q K S A L T Q P P S V S V S L G G T V S I T C Q G E D L E S Y Y S H W Y Q Q K T V T Q E S K V S V S L G G T V S I T C Q G E D L E S Y Y S H W Y Q Q K E V L T Q S P A Q S V S P G N S V T L S C G L S G P V T K D H Y S N W Y Q Q K E V L T Q S P F Q S V P P K E K V T I T C R A S Q S I G S S K Y M Y W Y Q Q K E I V L T Q S P F Q S V P P K E K V T I T C R A S Q S I G S S K Y M Y W Y Q Q K E I V L T Q S P F Q S V P P K E K V T I T C R A S Q S I G S S K Y M Y Y Q Q K E I V L T Q S P F Q S V P P K E K V T I T C R A S Q S I G S S K Y M Y Q Q K E I V L T Q S P F Q S V P P K E K V T I T C R A S Q S I G S S K Y M Y Q Q K E I V L T Q S P F Q S V P P K E K V T I T C R A S Q S I G S S K Y M Y Q Q K

DUENY PG K A R K L Y Y N D L F S G V S D R F S S S K S G T S A S L A I S G L E I S		50 60 70 80
Junkergo UP1000033BBAA	QUERY	P G K A P K L L I Y Y N D L L P S G V S D R F S A S K S G T S A S L A L S G L E
Junkelego Legistation		P G K A P K L MI Y E V S K R P S G V P D R F S G S K S G T S A S L A I S G L Q
Junkelego Legistation	UniRef90_UPI000333BBAA	PVQAPMLVI YGDSNRASGI PDRFSGANSGNTATLTI AGAQ
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Junkelego 1960032045337		PGQAPVIII I YSDSKRPSGII PDRFSGSNSGNTATILITI SGAR
Junkelego 1960032045337	UniRef90_UPI0003C27AD2	S G S V P K L V M Y K D K E R P S D V P D R F S G A S S G D T A T L T I T G V Q
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Junice100 UP100034F19AC		PGT S P R L L L Y E N S N R P S GL A D R E S G S K S G T S A S L T L S GL O
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JOHRESSO UPIDUO24724960 P G S A P R L WILLY ST S N L AS G V P A R F S G S G S G S G S S S T D S T S L T I S G L Q JOHRESSO UPIDUO38B0FCC1 JOHRESSO UPIDUO38B0FCC1 P G S A P R L WILLY ST S N L AS G V P A R F S G S G S G S G S G S G S G S G S G S	UniRef90_UPI0003C0171A	QGSAPRTLIY SNQRPSGVPDRFSGTKSGNTGTLITII ASLQ
JOHRESSO UPIDUO24724960 P G S A P R L WILLY ST S N L AS G V P A R F S G S G S G S G S S S T D S T S L T I S G L Q JOHRESSO UPIDUO38B0FCC1 JOHRESSO UPIDUO38B0FCC1 P G S A P R L WILLY ST S N L AS G V P A R F S G S G S G S G S G S G S G S G S G S	UniRef90_UPI0003AFF9AC	P G Q A P R AL L I F E T D K K Y S WT P G R F S G S L L G A K A A L T I S D A Q
JAINGERGO UPIGOUSSBETCH JAINGE	UniRef90_UPI00038C0D60 UniRef90_UPI000273E466	PGKAPKL MI Y DVSKRPSGVPDRFSGSKSGNTASLITII SGAQ
JAINGERGO UPIGOUSSBETCH JAINGE	UniRef90_Q8K1F2	PGTSPKL WI YSTSNLASGVPARFSGSGSGTSYSLTI SRME
Julikerio USIE78 Julikerio USIE78 P G O S P R R L L Y X K W S N R P S C W P D R P S G S G S G T D P T L K K S R W E Julikerio Politico P		PGSPPRYILLIVI Y A S S S K P S GII P D K F S G A K S G N T A T IL IT I T G V Q PGSPPRYILLIVY H S D Q G S G V P S R F S G S K D A N A G I I I I I S G II O
Julikerio USIE78 Julikerio USIE78 P G O S P R R L L Y X K W S N R P S C W P D R P S G S G S G T D P T L K K S R W E Julikerio Politico P	UniRef90_UPI0003C8DA2E	PSURPALLI VYDNSRASGVPERFSGSRSGGTATLTI TGAQ
Julikerio USIE78 Julikerio USIE78 P G O S P R R L L Y X K W S N R P S C W P D R P S G S G S G T D P T L K K S R W E Julikerio Politico P	UniRef90_UPI0002380B79	RGQSPRLLIHSGSTRAAGIADRFSGGGSGMHFTLTITRVE
Julikerio USIE78 Julikerio USIE78 P G O S P R R L L Y X K W S N R P S C W P D R P S G S G S G T D P T L K K S R W E Julikerio Politico P	UniRef90_UPI0003AF6F58	PGSAPKTLIVNVNNRPSGLPARFSGSKSGNTATLITUSGLQ
Juire Juir	UniRef90_Q5U472	PGKGLEWLIVIWSDGSPNYNPSISKDNPKSQVFLKMNSLQ
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Juire Juir	UniRef90_H9H4U4 UniRef90_H8EAI0	PGQGLKWMGWINTSTGESTFFDFSLETSANTAYLOI NNI K
Juire Juir	UniRef90_UPI00027F4778	PGSPPRYLLWYDKGQGSGVPSRFSGSKDANTGLLRI SRLQ
Juire Juir		S G K A P K F L L I Y A A S T L O S G V P S R F S G S G S G T D F T L T L N S L O
Juire Juir	UniRef90_L5JS70	PGQAPVLVI YRDSNRPSGI PDRFSGSNSGNTATLTI SGVQ
Juire Juir	UniRef90_M3X0T7 UniRef90_UPI0002743753	SGQAPIVLI I YEDSKRPSGII PDRFSGTNSGNTATILITI ISGAR QGHPPKII I SYRNNNRPSGII SFRFSASRSGNTASII TII TGII Q
Juire Juir	UniRef90_L5MBY3	P G R A T R R L I Y E T N K R P S G V P D R F S G S I S G N K A A L T I S G A Q
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JUNIREF90_LP10003C44ED2AA JUNIREF90_LP10004ED2AA JUNIREF90_E2R7G9 JUNIREF90_LP10004ED2AA JUNIREF90_LP10004ED2AA JUNIREF90_LP100045E2B53 JUNIREF90_UP100003ECFC6 JUNIREF90_UP100003ECFC6 JUNIREF90_UP10003ECFC6 JUNIREF90_LP10003ECFC6 JUNIREF90_LP10003ECFC6 JUNIREF90_LP10003ECFC6 JUNIREF90_UP10003ECFC6	UniRef90_G1QA44	PGRAPTLVIYEDDDRPSGVPDRFSGSIDSSSAHLITIISGLQ
Dirikef90 LP1000024E02AA	UniRef90_U5NJD4	PGKGLEWLGGGRKYYAPAFRDRLEUSKDSGAVFLQVTSLR
Jurikef90_C1QA48	UniRef90_UPI0003C4A763	PLKPPKYVMDGSHSTGDGIPDRFSGSSSGADRYLSIISNIQ
DIRIRGH90	UniRef90_E2R7G9	PGQAPVLI TYEDSKRPSGI PERFSGSNSGNTATLTI SGAR
JuiriRef90_UPI00038ECFC6 JuiriRef90_L9KLT7 JuiriRef90_L9KLT2 JuiriRef90_L9KLT2 JuiriRef90_UPI0003712294 JuiriRef90_UP1000372094 JuiriRef90_UP10003C90567 JuiriRef90_UP10005C90567 JuiriRef90_UP10005C90567 JuiriRef90_UP10005	UniRef90_UPI00045E2B53	PGSPPKLLIY NGSRPSGVPARFAGSRSGNTATLISIISGLQ
DiliRef90	UniRef90_UPI00038ECFC6	P G K A P R L L I Y G A S N L A S G V P S R F S G S G Y G T D F T L T I S S L Q
JniRef90	UniRef90_L9KL17 UniRef90_L9KLT2	PGSAPT L L I Y R D N Q R P S G V P N R F S G S I D S N S A Y L T I I S D V O
DIIRE690_UP10004421E4F	UniRef90_H0WLF1	P G R A P T TV I Y N D N Q R P S G V P D R F S D D S S S N S A S L T I S A L Q
JniRef90_G1PZG9	UniRef90_UPI0003F12294 UniRef90_UPI0004421E4F	PGKGLEWLVSSSNYYSPSIIQGRFTASKDSSNFYLQMNNIIK
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Dirikef90	UniRef90_P01611 UniRef90_UPI0003C90567	PGMAPR LIYEDTERPSGAPDRFSSSRFGTSASIITIISGII O
Unire(190_N3)	UniRef90_I3MWW1	PAHSPLLI I YEDSKRPSGI PDRFSGSNSGNTATLTI SGAQ
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UniRef90_UP100038BE24F	UniRef90_A2JA14	PGKGLEWVALLWYYYADSVKGRFTLSRDNNTLYLQMNSLR
F G S P P T M V I Y E D N E R P S G V S D R F S D S S S N S A S L T I T D L Q UniRef90_UP100046C3586	UniRet90_UPI0002ADA537 UniRet90_UPI00038RF24F	PGKSPKLIFLYDAKDLIHPGVISLIRYSGMGSGTDFTLITII I SLK
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UniRef90_UPI000359D592 UniRef90_UPI0003C4CF3C UniRef90_UPI0003C4CF3C UniRef90_UPI0003C4EBF PGSSPRFLLNFDKNQGSGVPSRFSGSKDANAGLLISGLQ UniRef90_UPI0003C4BEBF PGSSPRFLLNFDKNQGSGVPSRFSGSKDANAGLLISGLQ UniRef90_UPI0001BEF2DA UniRef90_UPI0001BEF2DA UniRef90_UPI0002743062 UniRef90_UPI0003C01D62	UniRef90_UPI00046C3586	S G Q A P K L L I Y Y A T T L Q S G V P A R F S G S G S G T D F T L T I S R V E
UniRef90_UPI0003C4CF3C UniRef90_UPI0003C4CF3C UniRef90_UPI0003C4CF3C UniRef90_UPI0003C4BEBF UniRef90_UPI0003C4BEBF UniRef90_UPI00011156B UniRef90_UPI00011156B UniRef90_UPI00011156B UniRef90_UPI0002743062 UniRef90_UPI0003C4CE UNIXED U	UniRef90_F6W3M2	P G K G L E W V S A L N T WY T D S V K G R F T L S K E N N T L Y L Q M D S L R
UniRef90_UP10003C4BEBF UniRef90_UP100011156B UniRef90_UP100011156B UniRef90_UP100011156B UniRef90_UP10002743062 UniRef90_UP10002743062 UniRef90_UP10003C01D62 UniRef90_UP10003C01D62 UniRef90_UP10003C01D62 UniRef90_UP100044411D1 UniRef90_UP100044411D1 UniRef90_UP100044411D1 UniRef90_UP10002743061 UniRef90_UP10002743061 UniRef90_UP100044411D1 UniRef90_UP10002743061 UniRef90_UP10002743061 UniRef90_UP10002743061 UniRef90_UP10002743061 UniRef90_UP10002743061	UniRef90_UPI000359D592	PSQAPVMVI YEDNNRPSGI PDKFSGSNSENRATLTISKTE
UniRef90_UPI000011156B UniRef90_UPI000011156B UniRef90_UPI0002743062 P G N K L E WMG Y L T Y S G S T G Y N P S L T R D T S K N Q F F L Q L N S V T P G S G S G S G T D F T F T G S S L E G S G S G T D F T F T G S S L E G S G S G T D F T F T G S S L E G S G S G T D F T F T G S S L E G S G S G T D F T L T G S S L E G	UniRef90_UPI0003C4CF3C UniRef90_UPI0003C4BEBF	PGSAPRQLIHGTSTRPSGIPARFSGAISG NAALTIITGVO
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UniRef90_X5J5T7 UniRef90_UPl00034F8A43 UniRef90_F1S985	QPTEMTATEGAL VQI NCTYQTSGF NGLFWYQQH QKVTQDQPMSVQEKETVTLNCTYDAS GTTYSPFWYKQH QSVVTQEPSLSGSPGGTVTLTCALSSGSVSSHYPSWYQRT QESGPGVVKPGETLTLTCTVTGGTI TSSYWNWIRQA QSI LTQPPTSSESLGSTARLTCTLSDI SVGGRRI NWYQQM QVLVQSQLSI TRAENKTARI DCHVSGI TLSSAYIHWYRRR QTPQTI TKETGESLTI NCVLRDSRCALSRTYWYRKN QTPATVSVSPGQDVSLQCSASQDIGWS LAWYQFK IQIPVSI TKSQGNT DLKCHFKDFNFDNTVI HWYQQK EPRVKQTPSHEVTMGQNVVLRCEPISNHL VVQENNVKIAAAGEEVNLTCTFKGLVQAT KAWFKQT WVQENNVKIAAAGEEVNLTCTFKGLVQAT KAWFKQT QHSVTQSPSLTVSPGQNAKLGCTVAGGNRVVFIQQK
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UniRef90_Q5R1F9 UniRef90_A2NU49 UniRef90_UPI0003347D56	DQVEQSPSALSLHEGTGSALRCN FTTTMRAVQWFRKNVEQSPTFLSLQEGKNATLICNFSTTV TQVQWFRQK
UniRef90_UPI0003AE4403 UniRef90_I3KCF8 UniRef90_G1QB32	V Q P E K S V S V V A G E T A T L H C T L T
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UniRef90_UPI000359D246 UniRef90_UPI0003C15847 UniRef90_W5N7C6	DVQVTQTPSLYPNAGDSKELHC EQKLNKNYMYWYQQR VSQTPLILWNNTGESVSMHCEHQGG VTYNAMYWFRQL
UniRef90_UPI00035991F4 UniRef90_UPI000350638F UniRef90_K7G9B2	QVQLKESEPGQVQPSKTLSIITCTVSGFSLNNHGVHWVRQPAQVQQEPSAETSEGTGLNITCSHPNVQLGD YLQWYRQLVSPGGMATLECAVANVGADKVHMIIWIRQS
UniRef90_W5QE30 UniRef90_UPI000440A236	A QVQQEPS A ETSEGT GINI T CSHPNVQLGD YI QWYRQL VSPGGMAT L E CAVANVGAD KVHMI WI RQS DVEIT QLSSMD CAEGEDVNLPCNHSTID ALDYIHWYRQT QPKALQVQLGDSVTLECYLPKKDFNS MLWYKQE

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UniRef90_P01737 UniRef90_M0RD30 UniRef90_L5MJD2 UniRef90_I3KLZ6	T G S P P S Y L L R Y D K H Q G S G V P T R F S G S K D V N A G H L L I S G L Q G Q S R K L R Y N F T G E K F P R V T N V T D T T K R N N L D F S I R I S N V T P N Q G L Q L L K Y T T L V K G L N G F E A E F K K S E T S F H L T K P S A H P G E G P V L L I A I S S V S S K K E D G R F T I F F R K K R L S L H I E D S Q P G K G L E W V A R I T N S G D S S Y Y G R F T I S R D N N T L Y L Q M N S L R C G L Y R N L L I H D A T S R Q S G V S G R F T G S Q S G A D F T L T I S G V Q S G D F Y P G L L Y T H G G R N D Q C E K N E Q T Y N C T Y N L P V K S I N G P N R K M I Y S F K G G H Y P R A T N V S D T N R N N T D F S I R I H D V T P G N E C L V S T I S T Y Y A D S V K G R F T I S Q D N N T V Y L Q M N S L K P R G Q M I Y L I C Q Y S E D G N A R D G R Y S V N F Q K A D I S L T I S A L Q A G E A V K L L I F D G S S R H T G L P E R F S G S G S G T D F T L T I T G V Q A G E S P Q L I I D L E N V D R K Q S Q R L T V N K K T K Q L S L H I S A T Q Q G K G L Q L I Y Y S L G K D N Q E D G D S D L K N D F T V S F D L N I T S V K G W G S V N K T V Y D Q N K Q D P S S R V T R A V D K S D T D F T I R II R N V Q G W G S V N K T V Y D Q N K Q D P S S R V T R A V D K S D T D F T I R II R N V Q
UniRef90_UPI0003945556 UniRef90_U3KNT0 UniRef90_S9W7Q0	SGDFYPGLLYTHGGRNDQ <mark>C</mark> EKNEQTY N <mark>C</mark> TYNLPVKSIN GPNRKMIYSFKGGHYPRATNVSDTTMRNNTDFSIRIHDVT PGNECELVSTISTYYADSVKGRFTISQDNNTVYLQ <u>M</u> NSLK
UniRef90_W5NPV7 UniRef90_W5N9P3 UniRef90_UPI0004547DAB UniRef90_UPI00042B9C42	P R G Q M Y L C Q Y S E D G N A R D G R Y S V N F Q K A D S L T S A L Q A G E A V K L L F D G S S R H T G P E R F S G S G S G T D F T L T T G V Q A G E S P Q L I D L E N V D R K Q S Q R L T V N K K T K Q L S L H S A T Q Q G K G L Q L Y Y S L G K D N Q E D G D S D I K N D F T V S F D L N I T S V K
UniRef90_Q1AN92 UniRef90_UPI0004541719	GHRRNLTYSYTGEHFPRITNVSDTTNRRNLDFSLCLSYVT
UniRef90_W5LWS1 UniRef90_Q8UWK3	PSGEI IFVIHQGSSMPSSKDGRYSLDFQKKDISLTISALE PGKGLEWLGHYYTYYAPSVQGRFI ISTDSSTVYLQKTSLK SGESHPGI IYTHGDGSDECKKSSEAPTQSCVYTLPKRNLT PGKTPTFL I AVSSYTDEKQDGRFTVFFSESSLSLHIKDSQ PGKGPQFI I DI RSNKDKNQAGGLTVNKAAKHFSLHMAATQ PGKGLELMGYWYPYYDPAFQGRI TGDTSKNEYYLQLSSLR
UniRef90_UPI0003BBB8AB UniRef90_UPI000328FD19 UniRef90_G1L6G7	P G K G P Q F I I D I R S N K D K N Q A G G L T V N K A A K H F S L H M A A T Q P G K G L E L M G Y W Y P Y Y D P A F Q G R I T G D T S K N E Y Y L Q L S S L R P G T A P R T I I Y N N S K R P L G I P D R F P S S K S G C S G T L T I T G L Q
UniRef90_UPI0004542F9A	GQGRELIFNFKGGQFPRVINVADTTQRNTTDFSIRISNVTEGEGLQWIGVIWNNYNPALQSRVSITRDTSKSFLQLNSVTSQPG VLHTQRKDCRPVAAPGPPSQSCTYSLQKKDLNLGQKPQLVSKFYKHDKNGTFSRFELDTMNYKNNLKISKTQ
UniRef90_UPI0001D42954 UniRef90_W5K1V9 UniRef90_G3Q928 UniRef90_S9XE54	PGLGLQLIYISYDVDSNSEGDIPKGYRKREHFSLILDSAK SGESDPGLIFTHGNRSDQ <mark>C</mark> KKSSETVSPTQS <mark>C</mark> LLPKNNLS SRQGVLKARGDK <mark>C</mark> KPVSSPP ASSQSCVYHLQKVNVS VNRAPQLLLSAANPRPEHQGFQATLVKSNRTFHLQKPSVQ
UniRef90_59XL34 UniRef90_F6PHN8 UniRef90_E2RGX1 UniRef90_UPI00042CBBBA	P G K G L E W V A H L N S Q G Q Q G Q Q T R R D S V K G R F T L S L Q M N S L K E S G R E L I F S F R G G H F P R V T N L T D L T K R N N V D F S I R I S N I T A G S A P R I L L Y Y H O H R A P G I P D R F S A A A D H N T C I L T L S P V Q
UniRef90_UF1000333263F UniRef90_P04213 UniRef90_UP1000329F398 [T G H G L R L I H Y S Y W A D S T E K G D L P D G Y P S Q E N F S L I L E L A S V G D T L K L I V R I Y R Y Y S P F II K S R F P A K N A N N F S K I T L I F T I
UniRef90_B7Z6W9 UniRef90_UPI00042C029F UniRef90_UPI0003508AF8	Q G N T M T F Y R E K D Y G P G F K D N F Q G D D A K A V L K L L A P S P G K G F W G I F G A S W Y T N S V K G R F T I S R D N A K S Y I O M S R I G
UniRef90_W5QDY2 UniRef90_S9XXU8	P Q S P P W F L L H Y Y K K Q G S D I P R R F S G S K D A N A G I L H I S G L Q E G Q A P E R L L Y L A L S K R D V Q W D S V L G T E D G K S C T M S L R K L A P S K S P T F L I S I G S V L E K N E D G R F T V F H N R K H L S L H I S A S Q P G K G L R F L I S I R S N K V K E E D Q G L T V N K T A K H L S L H I T A T Q P G S A P V T V I Y S N T N R P S N I P S R F S G S T S G S T S T L T I T G V Q P S G Q M T Y L I R Q H S D D G N A R Y G R Y S V N F Q H K S L S L T V S A L E
UniRef90_UPI0003AF2C07 UniRef90_H2RW28 UniRef90_D3ZI65	P G K E P K E L V S I F S T E K E E G R F K I HV I K A N L HV F L H I R D S Q
UniRef90_U3KJ16 UniRef90_UPI00032AFD90	G P G R E L I Y N Y F G G Y F P R V T D L S D T T K R D N K D F S I R I S N V T P G G S L Q W V S F I S Y Y F G P S V Q G R A K I S R D N S R S Y L S L L T L H P G K G L E W L A C I Y A G S G S T Y Y F T I S S S S A T S T V S L Q M T A L T P G K S R E F V S S I S Y W Y A D A V K G R F S I S R D N A N S Y L Q M D R L Q
UniRef90_M7BXY4 UniRef90_D2WLB3 UniRef90_Q6P4G7 UniRef90_L8I4F1	PGKSREFVSSISYWYADAVKGRFSISRDNANSYLQMDRLQ PGSNKRPSGIPARFSGSISSNDADLTITGVQ LGGKPLIVSTLMKHSTEATILSPTYVGRGEVINHLVIKELL AGEAPTFLSYNVDGLEEKGRFSSFLSRSKGYSYLLLKELQ SSGMMTFLIPQDSYNKPNAAEGRYSLNFQKASTLTISASQ PGQAPHMLICSPNTCPSGVPGRFSGSILGNKAALTITGTQ PGQGLEWMGYWTTSYAPSLQGRITISVDNTKYYLRLSSLT DGSAPRLFLSYYKQLGPGVPSRVSGSKDNSKADLHISELQ PDAALERILYFLSGKPDFDRDSEKAKFEAEKCVLTVKKIS SGSTNEESIS
UniRef90_G3QRV4 UniRef90_UPI000388DC0E UniRef90_UPI00022F45EE	PGQAPHMLICSPNTCPSGVPGRFSGSILGNKAALTITGTQ PGQGLEWMGYWTTSYAPSLQGRITISVDNTKYYLRLSSLT DGSAPRLFLSYYKQLGPGVPSRVSGSKDNSKADLHISELQ
UniRef90_UPI00046C3C0B UniRef90_Q9YHG7 UniRef90_W5LWV9 UniRef90_G5E7H4	PDAALERILYFLSGKPDFDRDSEKAKFEAEK <mark>CV</mark> LTVKKISSGSTNEESIS KGGRYVETVNSGSKSFSLRINDLTRGHSPKLLIKAGDERFDGVPTRFSGSRSGTVFTFKITGVQENKAPVRMIHYTSGRAQRQRYRIQTISGQKLCTLTIRNVIAEKGMEFMVYLYNNNPDFFKDRFSAEMSKGSYSLKIQPVQ
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UniRef90_F1S985 UniRef90_L8HM64 UniRef90_F1MD75	PSGGILTFLIYQDDNEPNAREDRFSVNEQKKSISFTISSLQ RSGEMTFLIRQESLGPNARNGRYSVNLQQNSLSLTISALQ GPGREFIYSOKEAPEPRVTNVSDATKRNNMDESLRISNIT
UniRef90_I3KY47 UniRef90_Q4RFX8 UniRef90_UPI00042BC195	PGQPPKLLIYDISIRFSGIPSRFSGSISGSQYILIIISGFQ LGGKPVIVSSRMRHNSPSFKGRFEVESREGMNHLTISDLL SGNPPRVILIYOKDESSEGNRESATKEASTNTOYILALSAVE
	SRGSLINLFYLASGTKENGRLKSAFDSKERYSTLHIRDAQ PGGSLVTLFYLTSETPTTLKFKDTDTTDKDKYSTLNITGSQ
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D S V D Q T K G S I T L D E G K K L L L

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