V		
J.   J.   A.   D.   D	QUERY	1
This septiment	UniRef90_P02004	V L T A E D K K L I Q Q T W G K L G G A E E E L G A E A L W R M F H A Y P P T K
This septiment	UniRef90_F6YMJ4	LTKSDKASI ANI WSKI APQAEALIGTETLERLIFLTFPQTK
JINSBERGE DEPOSOSATIONS AS JUNE 1 TO A E. K. K. E. Y. A. A. B. W. S. K. A. G. S. N. C. A. Y. G. E. A. L. E. R. L. F. L. Y. V. Y. P. S. T. K. J. R. S. P. J. K. S. A. D. K. A. W. K. A. W. S. K. G. S. N. C. A. Y. G. G. E. A. L. E. R. L. F. L. Y. V. Y. P. S. T. K. J. R. S. J. R. S. A. D. K. A. W. K. A. W. S. K. G. S. N. D. A. Y. G. G. E. A. L. E. R. L. F. L. Y. V. Y. P. S. T. K. J. R. S. J. R. S. J. K. S. A. D. K. A. W. K. A. W. S. K. J. G. S. R. J. C. R. L. E. R. L. F. L. Y. V. Y. P. S. T. K. J. R. S. J. S. S. J. R. S. J.	UniRef90_B8K130	LTKSERT LIMSLWDKVSSQSEAI GTEALERLE BLE SEPQTK
JIRR890	UniRef90_UPI00045412ED	MLTDAEKKEVTALWGKAAGHGEEYGAEALERLFSGFPQTK
Junkergo   191896   Junk	UniRef90_Q533G9	
Junkergo   191896   Junk	UniRef90_P83131	VLTAGDKANVKAAWDKAGGNI GAYGGEALDKIFLSFFIIK VLTAGDKANVKTVWSKVGSHLEEYGSETLERLFVVYPSTK
Junkergo   191896   Junk	UniRef90_UPI000332FBA8	L I K S E R A S I M S I W D K L A M R A E A I G T E T L E R L F V T Y P Q A K
Junkergo Dispose  D	UniRef90_B0M2T2	VLSSDDKCNVKAVWCKVAGHLEEYGAEALERMFCAYPQTK
Junkergo Delison	UniRef90_P10059 UniRef90_UPI00038FDBB6	MIL IS A S D K A NIV K A II I W S K IV C V H A E E Y G A E T IL E R M F T IV Y P S T K
Junkergo (Jahr) 1150AE  JUNKER	UniRef90_P02104	
June	UniRef90_P11896	V L S A E E K A L V V G L C G K I S G H C D A L G G E A L D R L F A S F G Q T R  E K G V V T G L W G K V L N V D E V G G E A L G R L L V V Y P W T O
June	UniRef90_Q6H1L9	LSDADKNNVKEFWEKLGENTGVYGTEALERTFSSFPSTK
Junkergo (Junkous)  Junker		L S A A D R A L L R A L WK K L G S N V G V Y T T E A L E R M F L A F P L T K
Junkergo (Jungo) 1-1940-1941-1941-1941-1941-1941-1941-194	UniRef90_U3K6C5	WTAEEKOILITGILWGKIVI NIVIAE <mark>C</mark> GGEAILIARILLIVIYPWTO
Jinkergo   Quision   Sample   Lise   A exist   Lise   Linkergo   A exist   Lise   Li		LIKAERILI LISMWDKI SSQADALIGI QALERLETSYPQIK LISAEEKSAII TTLIWGKIVI NPEEHGGEALIARL LVVIYPWTQ
Junkelgo Uplo003332866  Jinkelgo Pi4520  Junkelgo Pi4520  Junkelgo Pi4520  Litt A K S K S II V K A F W G K II G P N F A G P A E T LI G R IL I V V P P UT O Junkelgo Pi4520  Litt A K S K S II V K A F W G K II G P N F A G P I G A E A E G R M IL IV V P P E T K K W G K II G P I M S W G M I G S R A D D I G A E A E G R M IL IV V P P E T K K P W G K II G P I M S W G M I G S R A D D I G A E A E G R M IL IV V P P E T K K P W G K II G P I M S W G M I G S R A D D I G A E A E G R M IL IV V P P E T K K P W G K II G P I M S W G M I G S R A D D I G A E A E G R M IL IV V P E T K K P W G K II G S W G G D I G A E A E G R M IL IV V P E T K K P W G K II G P I M S W G M I G S R A D D I G A E A E G R M IL IV V P E T K K P W G K II G P I M S W G M I G S R A D I G A E A A L I R M F A A Y P Q T K K I M S W G M I G S R A D I G A D A L I S R M I T V V P Q T K K I M I M S W I A I M S W G M I M S W I M S W I A I W K K I M I W S I I A A D K A A V K A A V K A A V K A A V K A A V K A A V K A A V K A A V K A A W K W G G S R A D I G A E A L G R M I W W Y Y P Q T K K I M I W W S I I A W S W I A W I M S W I S W I M S W I	UniRef90_UPI0003F134CF	V L S E A E R A L V R A L WN K M G D N V G V Y T T E A L E R T F A S F P S T K
JimReigo	UniRef90_UPI000333E286	IL IS D A D K S T IL IR F A W K K II IG P N F A Q H S P D A IV IY R M F IV IS F P S T K
Johrsenson, Cartagor, Johnson, Cartagor, Cartagor, Cartagor, Johnson, Cartagor, Car	UniRef90_UPI0003331BBB	FTAEEKAAII ITNII IWKKIVI NIVIEEII IGAETIL IGRILL I VIYPWTQ
Junkel90	UniRef90_V5N4L6	II IT DII ID K TII. VIK A F WG KIVIS G K A D AII IG H F AII. VIR MII. I. VIY P O T K
Jinker90	UniRef90_Q6T497 UniRef90_P01984	LTKRDKATVKAFWDKVAPKVEDILGVQALSRLLVVYPQTK
Jinker90	UniRef90_W5MM27	MLSQEEKDLL VSI WESI APDAEEL GAEAL LRMFTCFPKTK
Jinkerson   Johnson   Jo	UniRef90_G3PNE8 UniRef90_V5N513	
Jinkerson   Johnson   Jo	UniRef90_UPI0003B553FE	L S D K D K S R V K A L WA K A E G K A G E L G G E A L G R M L V A Y P Q T K
Jinkel90		II IS S K D K D I IVIK AII IW G K II IA D K A F F II IG S D AII IS R MII IAIVIY P D I K
Jinkefou OP1000333480A Jinkefou UP1000333480A Jinkefou UP1000333480A Jinkefou UP1000333480A Jinkefou OP1000343480A Jinkefou OS13441 Jinkefou OS13441 Jinkefou OS13441 Jinkefou OS13441 Jinkefou OS13441 Jinkefou OS8754 Jinkefou OS8754 Jinkefou OS8754 Jinkefou OS88754 Jinkefou OS8858 Jinkef	UniRef90_UPI0004441846	USAKDKATVKAFWAKI SSSGEALIĞADAL SRMLVVY PQTK
JAIRGE9D UP100034746CD9 JAIRGE9D UP100034746CD9 JAIRGE9D UP100034746CD9 JAIRGE9D UP100034746CD9 JAIRGE9D UP10034746CD9 JAIRGE9D UP1003476CD9 JAIRGE9D UP1003476ACD JAIRGE9D UP1003476CD9 JAIRGE9D UP10044CD9 JAIRGE9D UP10044CD	UniRef90_P01976 UniRef90_Q6Y257	I I S G K D K NII V K S I I W F K I V I S P K S A D II I G A F A II I G R M II I C I V I Y P O T K
JAIRE990 G31A41  JAIRE990 L8J2H0  JAIRE990 L8J2H0  JAIRE990 L8J2H0  JAIRE990 C8S454F1  JAIRE990 Q88526  JAIRE990 Q88526  JAIRE990 Q8S264  JAIRE990 Q8S264  JAIRE990 Q98526  JAIR	UniRef90_UPI000333480A	L N A D E K S MI S T L WG K V N A D E V G G E A L G R L L V V Y P WT Q
JAIRE990_4834P1  JAIRE990_4834P1  JAIRE990_98856  JAIRE900_98856  JAIRE900_988	UniRef90_G3IA41	VLSADDKNNIKGAWGKIGGHGAEYGAEALERMFVTYPTTK
Juriker90_088754  Juriker90_088754  Juriker90_088756  Juriker90_088756  Juriker90_089856  Juriker90_089853  Juriker90_089853  Juriker90_089853  Juriker90_089853  Juriker90_089853  Juriker90_089853  Juriker90_089853  Juriker90_0985083	UniRef90_I3N129	FTAEDKAAIITSMWRKV NVEEAGGETLGRLLVVYPWTQ
JAIRE190_Q45K3/0 JAIRE190_Q45K3/0 JAIRE190_Q45K3/0 JAIRE190_Q5K3/0 JAIRE190_GAPHO1 JAIRE190_GA	UniRef90_Q4S4F1	IL IT K T D K A A IV IK A IL IWN K IL IS K S IV ID IV I IG A E A F G R MIL L V IY P Q T K
Jinkef90	UniRef90_O88754	FTAEEKAAII ISI WEKV DILEKII GGETIL GRILLI VYPWTQ
Jurkef90	UniRef90_Q45XJ0	LTAAEKTQVTNLWGKV NVKELGGEALSRLLVVYPWTR
JniRef90		L   T A G E K S   L V   A S T W S K   V   N   V   D E   V   G G E   V L   G R   L L V V   Y P W T Q
JniRef90_Q4RHD1	UniRef90_I3KUU9	ILIT E K D K A AIVIK AILIWA KII IS K SIVID AII IG A E AILIG R MIL L VIY P Q T K
Jinkef90	UniRef90_Q6H1U7 UniRef90_Q4RHD1	IL IS T K D K E TIV IR A F W A KIV IA S N R E E II IG A S A IL I <mark>C</mark> R IL L IS IV IY P Q T K
Jnikef90	UniRef90_P08853	LSDGEKNALSTAWGKV NAADIGAEALGRLLVVYPWTQ
JAIRE190_P22743	UniRef90_C5HYH8	IVIII ADEKAII VIS SII IW <mark>C</mark> KM NIVIDEAGAEAII IGRMII V VIY PWI O
JAIRE190_P22743	UniRef90_P13274	WTADEKQLITSLWGKV NVEE <mark>C</mark> GSEALARLIVYPWTQ
JNIRef90_D6R731 JniRef90_D8D3184 JniRef90_P0C0U7 JniRef90_UPI000343F5F8 JniRef90_UPI000343F5F8 JniRef90_UPI0003C16005 JNIREF90_UPI0003C16	UniRef90_P22743	WS A E E K QLI T SL WA KV DVP EV G A A TLGK MMV MY P WT Q
JNIRef90_D6R731 JNIRef90_D6R731 JNIRef90_D8D3436 JNIRef90_UPI000343F5F8 JNIRef90_UPI000343F5F8 JNIRef90_UPI0003C16005 JNIREF90_UPI0003C16	UniRef90_Q802A4 UniRef90_UPI000329AB1A	
JNIRef90_D6R731 JNIRef90_D6R731 JNIRef90_D8D3436 JNIRef90_UPI000343F5F8 JNIRef90_UPI000343F5F8 JNIRef90_UPI0003C16005 JNIREF90_UPI0003C16	UniRef90_H9GGM8	VLTAEDRKILLTAI WGKVSGHLDEI GGDALNRMFMCFPSTK
JniRef90	UniRef90_D6R731	WS A S E R S TI I A NV WG QI NI D E I G P Q A L A R V L I V Y P W T Q
JniRef90_UP10003C16005	UniRef90_Q8JH84	IL IT A R D K A IV V IK A IL IWS K II IS S K A D E II IG A E A IL IG R M IL IT IV IY P Q T K
JniRef90_UP10003C16005	UniRef90_UPI000343F5F8	LIS A A D R A A V R A L WR K L G S N V C L Y T T E A L E R T F A S F P A T K
JniRef90_W5MMC3	UniRef90_UPI0003C16005 UniRef90_L5KGV2	WTAFFRKAILITSIVIWSKIVL NPFFIVIGHFAILLIRILIFILVIYPWTQ
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V L S A A D K N N V K G   F T K   A G H A E E Y G A E T L E R M F T T Y P P T K	UniRef90_W5MMC3 UniRef90 P56250	I IS A T D K A RIVIK A II IWD KII IE G K S A E II IG A E A II IG R MII VIS E P O T K
JniRef90_P18436 JniRef90_UP1000376742A JniRef90_B23TCM4 JniRef90_A7M756 JniRef90_P18974 JniRef90_UP100038EE4CD JniRef90_UP100038EE4CD JniRef90_P18974 JniRef90_UP100038EE4CD JniRef90_P18974 JniRef90_UP100038EE4CD JniRef90_P0C0U8 JniRef90_P0COU8 JNIREF90_P	UniRef90_UPI0003503817	V
JniRef90_E3TCM4  JniRef90_E3TCM4  JniRef90_A7M7S6  JniRef90_A7M7S6  V L T E D D K N H I R A I WG H V D N N P E A F G V E A L L R L F C S Y P Q T K  JniRef90_UP100038EE4CD  JniRef90_M3YFH4  JniRef90_P0C0U8  JniRef90_P0C0U8  JniRef90_G5BXY2  JniRef90_C0H824  JniRef90_Q7LZM6  V L N A E D K N K L L H A T WA K V A G A A D A V G H E A L E R V L I V Y P W T Q  JniRef90_P82315	UniRef90_B0JZZ3 UniRef90_P18436	FTAEEKALITSKWAKV NVEETGGEALGRLLVVYPWTQ
L R L F C S Y P Q T K   JniRef90_P18974	UniRef90_UPI0003767A2A	WT DAERRII ADII WGKII KPD EI GPQALARLII VYPWTQ
V L T E D D K N H   R A   WG H V D N N P E A F G V E A L T R L F L A Y P A T K   JniRef90_UP100038EE4CD	UniRef90_A7M7S6	L L R L F CS Y P Q T K
JniRef90_M3YFH4       LSAEEKAAVSSLQGKVKVDV       VGGETLGRLLVVYPWTQ         JniRef90_P0C0U8       WTAEEKSAITSIWNKV       DVPAVGSEALSRLLIVYPWTQ         JniRef90_G5BXY2       LSNEDKACLRSVWKEIGPSWPEHCPDAIYRMFLSFPSTK         JniRef90_C0H824       WTDAEKSTISAVWGKV       DINEVGPLALARVLIVYPWTQ         JniRef90_Q7LZM6       VLNAEDCKLLHATWAKVAGAADEIGYKVLERLFKVVPQTK         JniRef90_R82315       VKAECKLLHATWAKVAGAADAVGHEALVVPMWIVYPOTK	UniRef90_P18974	VLTEDDKNHI RAI WGHVDNNPEAFGVEALTRLFLAYPATK
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JNIREF90_C0TLZM6 WT D A E K S T I S A V W G K V D I N E V G P L A L A R V L I V Y P W T Q  JNIREF90_Q7LZM6 V L N A E D C K L L H A T W A K V A G A A D A V G H E A L V K V F P Q T K  JNIREF90_P82315	UniRef90_P0C0U8 UniRef90_G5BXY2	WTAEEKSAIITSII WNKIVI DIVIPAIVIGSEAILISRILLII VIYPWTQ
IniPafon P82315 I IT A K D K A II V IK A F F G K II IA G K A D A IV IG H F A II V IP MII V V IV P O T K	UniRef90_C0H824	WT D A E K S T   I   S A   V   W G K   V   D   I   N E   V   G P   L   A   L   A R   V L I V   Y P W T Q
UNIRE190_UP10003F0E70B LISAREREAVTALWRKMGNNVGVYTTEALERTFILAFPTTK UNIRE190_D3ZPM3 LISQTDHRLVLALWKKMGSNVGILYTTEALERTFILAFPSTK	UniRef90_Q7LZM6 UniRef90_P82315	
JNIKET9U D3ZPM3 ILIS Q I D H KIL V LIAILIWKK M G S NIVIGII IY I I E AILIE R I FILIA F P S T K	UniRef90_UPI0003F0E70B	LISAREREAVTALWRKMGNNVGVYTTEALERTFIAFPTTK
UniRef90 I7A6X1 LTGEEKA AVTSII WGKV NVDDVGGETII GRIT V VV P WTO	UniRef90_D3ZPM3 UniRef90_I7A6X1	L S Q T D H R L V L A L W K K M G S N V G L Y T T E A L E R T F L A F P S T K L T G E E K A A V T S L W G K V N V D D V G G E T L G R L L V V Y P W T Q
JniRef90_P02074 MLTAEEKAAVTGFWGKV NVDVVGAEALGRLLVVYPWTQ	UniRef90_P02074	MILIT A E E K A A VIT G F W G K V N V D V V G A E A L G R L L V V P W T Q

QUERY	TYFPHFDLSHGSAQVKAHGKKVADGLTLAVGHLDDLPGAL
UniRef90_P02004 UniRef90_P07414 UniRef90_F6YMJ4 UniRef90_B8K130	T Y F P H F D L S Q G S D Q I R G H G K K V V A A L G N A I K N L D N L S Q A L T Y F P H F D L S H G S G Q I K A H G K K V A D A L T R A V G H L E D L P G T L T Y F P H F D L S P G S D Q L K A H G S K V M G A I G D A V K N I D N V G S A L T Y F P H F D L H A G S A Q L R T H G A K V A A A L G D A V K N I D N L A C A L T Y F P H F D L S Q G S A Q L H G H G S K V L S A I G E A T K N I D N I T G A L
UniRef90_K7FZX0 UniRef90_UPI00045412ED UniRef90_Q533G9	TYEPHEEILISQGSAQIVIKAHGKKIVIADAILITTAIVIAHILIDDILIDSTILL
UniRef90_UPI0003F058A3 UniRef90_P83131 UniRef90_UPI000332FBA8 UniRef90_UPI0004442C09	
UniRef90_B0M2T2 UniRef90_P10059 UniRef90_UP100038EDBB6	[Y F P H F D L  S H G S A Q    R A H G K K  V   F A A   L   H E A  V  N H     D D   L   P G A   L
UniRef90_P02104 UniRef90_P11896 UniRef90_B3RFA9	RFFDSFGNIMGNPRVKAHGKKVLTAFGESIKNLDNLKSAL TYFSHFDLSPGSADVKRHGGKVLSAIGEAAKHIDSMDQAL RFFDSFGDIMGNPKVKAHGKKVLQSLGDGINNLDNLKGTF
UniRef90_Q6H1L9 UniRef90_UPI00015150AE UniRef90_P11752	RFFDSFGDIMGNPKVKAHGKKVLQSLGDGINNLDNLKGTFTYFAHLELSRGSAQVRAHGKKVADALTLAVNHMDDLPAAFTYFPHLNLSPGSAQVKAHGKKVAAALTLAVYHLDDLPDTLRFFESFGDIMGNPKVKAHGKKVLNSFSEGLKNLDNLKGTFRFFSSFGNLSGNPKVQAHGKKVLTSFGEAVKNLDSIKGTFTYFPHFDLHPGSPHLHMHGAKVVAALGDAVKSIDNIAGALRFFDSFGNLSGNPKVKAHGKKVLTSFGDAVKNLDNLKGTF
UniRef90_U3K6C5 UniRef90_G1LJX4 UniRef90_F7Al41 UniRef90_UPl0003F134CF	TYFPHFDLHPGSPHLHMHGAKVVAALGDAVKNLDSIKGIFTYFPHFDLHPGSPHLHMHGAKVVAALGDAVKSIDNIAGAL
UniRef90_UPI000333E286 UniRef90_UPI0003331BBB	TYFSHLDLSSGSHDLQVHGGKVLGAIGEATKHLDNLHEAL TYFPSFAIAPGSPQIQAHGKKVANALNKAVENVDDMPTAL RFFDTFCAVMGNPRVKAHGKKVLTSFGEAVKNMDHLKEAF
UniRef90_P14520 UniRef90_V5N4L6 UniRef90_Q6T497	T Y F A S WS D S P G S A A V K K H G K T I M G G I A E A V G H I D D L T G G L I Y F S H W P D S P G S E S V K K H G R T V I G A L N D A V V N I D D L V G G L T Y F A H W K D S P G S E P V R K H G K T I M T G V G S A V S M L D D L K G G L
UniRef90_P01984 UniRef90_W5MM27 UniRef90_G3PNE8	TYFPHFDLQPGSAQVKAHGKKVAGALAEAANHIDDIASAL TYFAHLDISPGSAHLRTHGKKILMAVGDGVKNISTLATTL TYFSHWPDLPNSASVKNHGKNVMGGIALAVSKIDDLTAGL
UniRef90_V5N513 UniRef90_UPI0003B553FE UniRef90_D0VWV2 UniRef90_G1M487	T Y F S H WN F S L G S E Q I K K H G K M V L S G V G E A V D K I D D L T N G L T Y F S H W G D S P Q S P K V K K H G A T I M G A L G K A V K G I D D L P G T L T Y F S H W K D S P G S A P V N K H G K T I M G G I V D A V A S I D D L N A G L R F F D S F G N I M G N P K V K A H G K K V L T S F G N A V K H M D D L K D T F T Y F S H W D M S P G S A P V K K H G A T V M G G V A E A V A K I D D L T S G L
UniRef90_UPI0004441846 UniRef90_P01976 UniRef90_Q6Y257	TYFSHWDMSPGSAPVKKHGATVMGGVAEAVAKIIDDLTSGL TYFPNYDFSAGSAQIKTQGQKIADAVGLAVAHLDDMPTAL AYFSHWSDLPNSSQVKKHGASIMAALGDAVGKIDDLYGGL
UniRef90_UPI000333480A UniRef90_UPI0004746CD9 UniRef90_G3IA41	RFFGSFGDI MGNAKIVIKAHGKKIVI HSFSEGILIKNILIDNILIKGTF
UniRef90_I3N129 UniRef90_L8J2H0 UniRef90_Q4S4F1 UniRef90_O88754	TYFPHFDLSQGSAQVKGHGAKVAAALTKAVEHLDDLPGAL
UniRef90_Q98SE6 UniRef90_Q45XJ0 UniRef90_C5HYH6	RFFDKFGNI MGNPRI RAHGKKV LTSLGSAVENMDNLKETFTYFSHWPQSPNSAAARKHGITVMVGVGDAVTKI DDLKEGLRFFEHFGDLSHNAKV LAHGEKV LTSFGEGLKHLDNLKGTFRFFTSFGDI MGNAKVQAHGKKV LKSFAEGLNHLDDLKGAFVYFRHLGDQPDEVQLLSHGQRMLQAVGVAVQYMDNLHAVL
UniRef90_UPI0003AFEA82 UniRef90_I3KUU9 UniRef90_Q6H1U7	T Y F S H WP D L  P G S A P  V V  S H G K Q     <u>M G G  V  </u> T E A <u>M</u> S K     D N L  R G G <u>L</u> R F F D H F G D L  M S N P K  V L  A H G A K  V L V  A F G D A     K N L  D N L  K G T F
UniRef90_Q4RHD1 UniRef90_P08853 UniRef90_P85083	T Y F S H W D Q S P N S A S A K K H G T I M N A V G D A V S K I D D L K T G L R F F D S F G D L M G N A K V K A H G K K V L D S F S N G L K H L D N L K G T F T Y F S H W K E L P G S P P V Q K H G M T V M K G V G E A V A K I D D L T A G L R F F D H F G D L M G N A K V K A H G K K V L N S F S D G L K H L D D L K G T F
UniRef90_C5HYH8 UniRef90_P13274 UniRef90_P10777 UniRef90_P22743	RFFSTFGNIL HNPHVHAHGKKVLTSFGEAVKNLDHI KQTF TYFSHWPSVPGHPDI KAHGKKVMGGLALAVSKI NDLKAGL
UniRef90_Q802A4 UniRef90_UPI000329AB1A UniRef90_H9GGM8	TYFSEWSDLPASGPVKAHGKKVMGGIATAVASIDDLTCGL TYFSDWGDSPNSPQVKKHGATIMRAVGKAVKNIDDLTNHL TYFPHFDLSPGSKDIQVHGQKVARALDMALHHLDNVRGTL
UniRef90_Q9YGF7 UniRef90_D6R731 UniRef90_Q8JH84	T Y F S H W K D S P G S A P V R K H G G T V M G G V L G A I E K L D D L S A G L R Y F G T F G N L Q G N P K V A Q H G K T V L N A L G K A V Q N M D D I K G T Y T Y F S H W A D S P G S G P V K K H G K V I V A A V G D A V S K I D D L A G G L
UniRef90_P0C0U7 UniRef90_UPI000343F5F8 UniRef90_UPI0003C16005 UniRef90_L5KGV2	RFFAHFGNLCGNPQVRAHGKKVLTSFGEALKHLDNVKETF IYFSEWSDLPASGPVKAHGKKVMGGIATAVASIDDLTCGL TYFSDWGDSPNSPQVKKHGATIMRAVGKAVKNIDDLTCHL TYFPHFDLSPGSKDIQVHGQKVARALDMALHHLDNVRGTL TYFSHWKDSPGSKDIQVHGQKVARALDMALHHLDNVRGTL TYFSHWKDSPGSAPVRKHGGTVMGGVLGAIEKIDDLSAGL RYFGTFGNIQGNPKVAQHGKTVLNALGKAVQNMDDIKGTY TYFSHWADSPGSGPVKKHGKVIVAAVGDAVSKIDDLAGGL TYFSHFNLSPGSKDIVHQGEKVGKALDSALKHLDDIRGTL TYFPHFDLSPGSAQVKAHGKKVADALTLAVAHLDDIRGTL RYFSTFTVIARNFKVQQHAAKVINALTEAIRNIDNLKASF TYFPHFDLHPGSAQLRLHGSKVVAAAVGDAVKSIDNIAGAL RYFSTFTVIARNFKVQQHAAKKVINALTEAIRNIDNIKASF
UniRef90_L5KGV2 UniRef90_H0WAL2 UniRef90_W5MMC3 UniRef90_P56250	TYFPHWDLSTGSAQIKTHGQKVAAAVGKAVKSIDNIKATF RYFSSFGNILGNPKVKHHGKTVLTALGDAVKNMDNIKATF IYFSEWGQGPQTPQVRNHGAVIMAAVGKAVKSIDNIVGGL
UniRef90_UPI0003503817 UniRef90_B0JZZ3 UniRef90_P18436	T Y F P H F D L S H G S A Q I K G H G K K V V A A L T E A A N H I D D I A G T L R Y F S S F G N L S G N A K V R A H G N K V L S A V G N A T A H L D N V K G T L R F F D N F G N I M G N P K V K A H G K K V L S S L G E A V T H M D D L K D A F
UniRef90_UPI0003767A2A UniRef90_E3TCM4 UniRef90_A7M7S6	RYFASFGNI SGNAKVAAHGKVVI NGL DKAVKNL DNVNAVY RYFGKFGNI LGNPKVTAQGKVVLNAL DNAVKNL DNI KETY TYFPHFDL HHGSQQL RAHGFKI MTAVGDAVKSI DNL SSAL
UniRef90_P18974 UniRef90_UPI00038EE4CD UniRef90_M3YFH4 UniRef90_P0C0U8	R Y F G K F G N I L G N P K V T A Q G K V V L N A L D N A V K N L D N I K E T Y T Y F P H F D L H H G S Q Q L R A H G F K I M T A V G D A V K S I D N L S S A L T Y F A H F D L N P G S A Q I K A H G K K V Y D A L T Q A V N N L D D I P D A L T Y F A H F D L S T G S A Q V K A H G Q K V A D A L T L A V N Q M Y D L P N A L R F F D S F D A I M S N G K V K A H G K K V V N S L I N G L K N L D N L K G A F R F F T S F G N I Q S N A Q V K A H G K K V F T A F G D A V K N P E A V K E T F T Y F P N F D I S P G S P Q I Q A H G K K V V Q G A L D K A V E H I D D M P A A L R Y F G S F G D L M G N P K V A A H G K K V V Q G A L D K A V K N M G N I L A T Y V Y F S H L D L S P G S S D V R H Q G Q K I I N A L D N A L K H L D N I H G V L T Y F A H W P D S P S S E E V K K H G K T I M A A V K E A V G K I D D L V G G M L Y F H H L N L T P G S K D I K A Q G K K V A D A L T Q A V D Q L D D L P G S L R F F D T F G D L M G N P K V K A H G K K V M N A F S E G L H H L D S L K G T F R F F E H F G D L M G N P K V K A H G K K V L D A F S E G L K H L D D L K G A F
UniRef90_G5BXY2 UniRef90_C0H824 UniRef90_Q7LZM6	TYFPNFDISPGSPQIIQAHGRKVVADALNKAVEHIDDMPAAL RYFGSFGDIMGNPKVAAHGKVVCGALDKAVKNMGNILATY VYFSHLDLSPGSSDVRHQGQKIIRALDNALKHLDNIHGVL
UniRef90_P82315 UniRef90_UPI0003F0E70B UniRef90_D3ZPM3	TYFAHWPDSPSSEEVKKHGKTI MAAVKEAVGKI DDL VGGM LYFHHLNLTPGSKDI KAQGKKVADALTQAVDQLDDLPGAL TYFPHLDLKPGSSQVKAHAQKVADALTLAAHHLDDLPGSL
UniRef90_I7A6X1 UniRef90_P02074	R F F D T F G D L M G N T K V K A H G K K V M N A F S E G L H H L D S L K G T F R F F E H F G D L M G N P K V K A H G K R V L D A F S E G L K H L D D L K G A F

UniRef90_P22743         T H A S F Q K L V N V V A H A L A R R Y UniRef90_UP1000329AB1A           UniRef90_UP1000329AB1A         V H V S F D K F L A G V A L A L S D K Y R V H V S V D K F F N N V A W A L S E R Y R V R V D K F F N N V A W A L S E R Y R V R V D K F F A V A E I L G E K Y R V R V D K F L F A V A E I L G E K Y R V R V D K F L S I V V S A L T S R Y V R V D K F F L S I V V S A L T S R Y R V R V D K F L S I V V S A A L T S R Y R V R V D K F L S I V V S A A L T S R Y R V R V D K F L S I V V S A A L A S S Y R V R D K F L S I V V S A A L A S S Y R V R D K F L S I V S A A L A S S Y R D K F R D K F L S I V S A A L A S S Y R I D K S I V S A A L A S S Y R I D K F L S I V S A A L A S S Y R I D K S I V S I D K		
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UniRef90_C5HYH8         A Q A A Y Q K   V V A G V A N A L A L G Y V UniRef90_P10777           UniRef90_P22743         A H V S L N K F L S G V A L A L A Q R Y R T H A S F Q K L V N V V A L A L S D K Y R UniRef90_UP1000329AB1A           UniRef90_H9GGM8         A H R A V D K F L A Q L A L A L S D K Y R UniRef90_Q9YGF7           UniRef90_D6R731         V H V S V D K F F N N V A WAL S E R Y R UniRef90_D6R731           UniRef90_UP1000343F5F8         V H V S V D K F F Q N L A L A L S D K Y R V D K F L S L A Q L A L A L S D K Y R V D K F F Q N L A L A L S D K Y R D K F L S L S L V V S A L T S R Y V D K F F Q N L A L A L S D K Y R D K F L S L S L V V S A L T S R Y R D K F L S L S L V V S A L T S R Y R D K F L S L S L V V S A L T S R Y R D K F L S L S L V S S A A L A S S Y R D K F L S L S L V S S A A L A S S Y R D K F L S L S L V S S A A L A S S Y R D K F L S L S L V S S A A L A S S Y R D K F L S L S L S L S L S L S L S L S L S L		A Q A A F Q K V V A G V A N A L A H K Y V H V S M D K F L A A L A R A L S E K Y R
UniRef90_P10777 UniRef90_P22743 UniRef90_Q802A4 UniRef90_UP1000329AB1A UniRef90_UP1000329AB1A UniRef90_UP1000329AB1A UniRef90_D6R731 UniRef90_Q8JH84 UniRef90_P0COU7 UniRef90_UP1000343F5F8 UniRef90_UP1000343F5F8 UniRef90_UP1000316005 UniRef90_UP10003503817	UniRef90_C5HYH8	A Q A A Y Q K   V V   A G   V   A N A   L   A <u>H</u> K Y
UniRef90_P22743 UniRef90_Q802A4 UniRef90_UP1000329AB1A UniRef90_UP1000329AB1A UniRef90_D6GM8 UniRef90_Q9YGF7 UniRef90_D6R731 UniRef90_D6R731 UniRef90_P0C0U7 UniRef90_UP1000343F5F8 UniRef90_UP10003516005 UniRef90_UP10003516005 UniRef90_UP10003516005 UniRef90_UP10003516005 UniRef90_UP10003503817 UniRef90_UP10003503817 UniRef90_P56250 UniRef90_P56250 UniRef90_D18436	UniRef90_P13274 UniRef90_P10777	AHVSLNKFLSGVALALAQRYR
UniRef90_H9GGM8         A H R A I V D K F L F A V A E I L G E K Y R V H V A T D K F L A Q L A L A L S E K Y R V H V A T D K F L A Q L A L A L S E K Y R V A T D K F L S I V V S A L T S R Y V A V A L A L A L S D K Y R V I V I V S V D K F F Q N L A L A L S D K Y R V I V I V S V D K F F Q N L A L A L S D K Y R I L S I V V S A L L A S S Y R I I Q A A W D K F L S H V S A A L A S S Y R I Q A A W D K F L S H V S A A L A S S Y R I Q A A W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I I S N V L T E K Y R W D K F L S I V T S A L A S K Y W D A A W S K I M S A V A I A M G S R Y W W A A W S Y D K F L S L V T S A L A S K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S S I L T E K Y R W D K F M S I L S D K Y R W D K F L S W V V A A A M S S R Y L D K L S D K D R W A S V D K F L S H V T S A L A S K Y R W D K F L S W V V A A A M S S R Y R T D K T T S V M T S A L A S K Y R D R D K F L S H V T S A L A S K Y R D R D K F L S H V T S A L S S T A A D K Y R D T T		THASFQKILVINIVVIAHAILIARRY
UniRef90_Q8YGF7         V H V A T D K F L A Q L A L A L S E K Y R V UniRef90_Q8JH84           UniRef90_P0C0U7         T C L A W D K F L E Q V A D W L C E K Y R Y R UniRef90_UPI000343F5F8           UniRef90_UPI0003C16005         M H A S L D K F L S H V S A A L A S S Y R I Q A A W E K F M A L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W L V I D S L S R Q Y W I L S W I S L D K F L D K F L D K Y R W I L S W I S L D K F L D K Y R W I L S W I S L D K F L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S L W Y S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S L D K Y R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S R W I L S W I S W I S R W I L S W I S W I S W I S R W I	UniRef90_UPI000329AB1A	VHVSVDKFFNNVAWALSERYR
UniRef90_D6R731  UniRef90_Q8JH84  UniRef90_P0COU7  UniRef90_UPI000343F5F8  UniRef90_UPI000343F5F8  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003C16005  UniRef90_UPI0003503817  UniRef90_UPI0003503817  UniRef90_UPI0003F0E70B  Uni		V H V A T D K F L A Q L A L A L S E K Y R
UniRef90_UPI000343F5F8 UniRef90_UPI000343F5F8 UniRef90_UPI0003C16005 UniRef90_USKGV2 UniRef90_HOWAL2 UniRef90_P56250 UniRef90_UPI0003503817 UniRef90_UPI0003767A2A UniRef90_D7LZM6 UniRef90_UPI0003767A2A UNIR	UniRef90_D6R731	V Q A T W Q K L L S I V V S A L T S R Y
UniRef90_UPI000343F5F8 UniRef90_UPI0003C16005 UniRef90_L5KGV2 UniRef90_H0WAL2 UniRef90_W5MMC3 UniRef90_UP10003503817 UniRef90_UP10003503817 UniRef90_UP10003503817 UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP10003767A2A UniRef90_UP100038EE4CD UniRef90_UP10003F0E70B MQ A S U D K F L S L V T S A L A S K Y R UniRef90_COH824 UniRef90_UP10003F0E70B MQ A S V D K F L A A L S S T A A D K Y R UniRef90_UP10003F0E70B MQ A S V D K F L A A L S S T A A D K Y R UniRef90_UP10003F0E70B MQ A S V D K F L A A L S S T A A D K Y R UniRef90_UP10003F0E70B MQ A S V D K F L A A L S S T A A D K Y R UniRef90_UP10003F0E70B MQ A S V D K F L A A L S S T A A D K Y R UniRef90_UP10003F0E70B UniRef90_UP10003F0E70B	UniRef90_P0C0U7	T C I A W D K F I I F Q V A D V I C F K Y R
UniRef90_L5KGV2 UniRef90_H0WAL2 UniRef90_W5MMC3 UniRef90_UPl0003503817 UniRef90_UPl0003503817 UniRef90_UPl0003503817 UniRef90_D18436 UniRef90_P18436 UniRef90_E3TCM4 UniRef90_E3TCM4 UniRef90_E3TCM4 UniRef90_UPl00038EE4CD UniRef90_UPl00038EE4CD UniRef90_UPl00038EE4CD UniRef90_UPl00038EE4CD UniRef90_UPl00038EE4CD UniRef90_UPl00038E54CD UNIREf90_	UniRef90_UPI000343F5F8	MHASII DKFII SHVSAAII ASSYR
UniRef90_HOWAL2       MQMSLDKFLNKLVTSALASKY         UniRef90_W5MMC3       VQAAWQKLLAVSISALASKQY         UniRef90_P56250       VHLSVDKFLACLALSEKYR         UniRef90_UP10003503817       VHLSVDKFLACLALSEKYR         UniRef90_B0JZZ3       VHASLDKFLACLALSEKYR         UniRef90_P18436       VQAAWKKLMSAVAULYDALSQGY         UniRef90_E3TCM4       VHEAWCKFLNVVVVAGLAMSSQGY         UniRef90_A7M7S6       VHEAWQKFLNVVVVAAMSSQY         UniRef90_P18974       VHEAWDKFLSSILSSILTEKYR         UniRef90_P18974       VALSMDKFLSVVAVAAMSSQY         UniRef90_P0C0U8       VALSMDKFLSVVAVAAMSSQY         UniRef90_P0C0U8       VQASLDKFLSVVAVAAMSSQY         UniRef90_C0TLXM6       VLSVVAAAMGSRY         UniRef90_P0C0H824       VLSVVAAAMGSRY         UniRef90_D1ZZM6       VLSVVVAAAMGSRY         UniRef90_D1ZZM6       VLSVVVAAAMGSRY         UniRef90_UP10003F0E70B       VLSVVVAAAMGSRY         UniRef90_UP10003F0E70B       VLSVVVAAAMGSRY	UniRef90_L5KGV2	AHAA <u>W</u> DKF L S II SN <u>V</u> L TEKYR
UniRef90_P56250       V H L S V D K F L A C L A L A L S E K Y R UniRef90_P18436         UniRef90_UP10003767A2A       V H A S L D K F L C A V G T V L T A K Y R V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V A V L V D A L S Q G Y V D L S Q G Y R D L S C V L D A L S D L T E K Y R D L S C V L D A L S S L L T E K Y R V L S V D L S L T E K Y R V L S V D L T E L S L V T S A L A S K Y R D L S M D K F L T K V A K T L V A H Y R D L S M D K F L T K V A K T L V A H Y R D L S M D K F L T K V A L A S K Y R D L S C V T S A L A S K Y R D S C T S C T S T A A D K Y R D S C T S C T S T A S C V T S A L T S T A A D K Y R D S C T S C T S T S T A S C V T S A L T S T A S C T S T S T S T S T S T S T S T S T S		<u>M</u> QMS <u>L</u> DK <u>F</u> L N L <u>V T</u> SA L ASKY
UniRef90_B0JZZ3 UniRef90_P18436 UniRef90_P18436 UniRef90_E3TCM4 UniRef90_A7M7S6 UniRef90_P18974 UniRef90_UP100038EE4CD UniRef90_UP100038EE4CD UniRef90_P0C0U8 UniRef90_P0C0U8 UniRef90_C0G5BXY2 UniRef90_C0H824 UniRef90_Q7LZM6 UniRef90_UP10003F0E70B UniRef90_UP10003F0E70B UniRef90_UP10003F0E70B UniRef90_UP10003F0E70B UniRef90_UP10003F0E70B UniRef90_UP10003F0E70B UniRef90_D3ZPM3	UniRef90_P56250	V
UniRef90_P18436  V Q A A W K K L M S A V A I A M G H K Y UniRef90_UP10003767A2A  UniRef90_A7M7S6  UniRef90_P18974  UniRef90_UP100038EE4CD  UniRef90_M3YFH4  UniRef90_P0C0U8  UniRef90_G5BXY2  UniRef90_C0H824  UniRef90_Q7LZM6  UniRef90_Q7LZM6  UniRef90_UP10003F0E70B  UniRef90_UP10003F0E70B  UniRef90_UP10003F0E70B  V Q A S W K K L M S A IV A I A M G H K Y V H E A W Q K F L N V V V A A M S S R Y V H E A W Q K F L S L V I S A L A S K Y R V A L S M D K F L T K V A K T L V A H Y R V A S L D K F L S L V I S A L A S K Y R V Q A V F Q K V L A G V A N A L A H X Y R V Q A S V Q K L V S V V A H A L A H R Y V Q A S Y Q K L V S V V A A M G S R Y V L S L D K L M E A V S R V L I S R Y R V C L A W D K F L C Q V N E T L A E K Y R UniRef90_UP10003F0E70B UniRef90_D3ZPM3	UniRef90_B0JZZ3	I QGAWEK <u>FV</u> AVL <u>VDA</u> LSQGY
UniRef90_E3TCM4       I Q A T W Q K F L A V V V A A M S S R Y         UniRef90_A7M7S6       V H E A W D K F M S L L S S L T E K Y R         UniRef90_UP100038EE4CD       W Q A S L D K F L S L V T S A L A S K Y R         UniRef90_M3YFH4       W Q A S L D K F L S L V T S A L A S K Y R         UniRef90_P0C0U8       V Q A V F Q K V L A G V A N A L A H K Y         UniRef90_C5BXY2       V L L S L D K L M E A V S R V L J S R Y R         UniRef90_C7LZM6       V C L A W D K F L C Q V N E T L A E K Y R         UniRef90_P82315       V H V S F D K F L A A L S S T A A D K Y R         UniRef90_UP10003F0E70B       M Q A S V D K F L G H V T S A L V S K D R		VQAAWKK <u>LMSA</u> V <u>AI</u> A <u>M</u> GHKY
UniRef90_P18974 UniRef90_UP100038EE4CD UniRef90_M3YFH4 UniRef90_P0C0U8 UniRef90_G5BXY2 UniRef90_C0H824 UniRef90_Q7LZM6 UniRef90_Q7LZM6 UniRef90_UP10003F0E70B UniRef90_UP10003F0E70B UniRef90_D3ZPM3  V A L S M D K F L T K V A K T L V A H Y R M Q A S L D K F L S L V T S A L A S K Y R V Q A V F Q K V L A G V A N A L A H K Y V Q A S Y Q K L V S V V A H A L A H R Y V L L S L D K L M E A V S R V L I S R Y R V C L A W D K F L C Q V N E T L A E K Y R V H V S F D K F L A A L S S T A A D K Y R UniRef90_UP10003F0E70B M Q A S V D K F L S H V T S V M I S K D R	UniRef90_E3TCM4	I   Q A T W Q K F   L   A   V V V   A A M S S R Y
UniRef90_UPI00038EE4CD	UniRef90_A7M7S6 UniRef90_P18974	V A L S M D K F L T K V A K T L V A H Y R
UniRef90_P0C0U8	UniRef90_UPI00038EE4CD	M Q A S   L   D K F   L   S   L V   T S A   L   A S K Y R
UniRef90_COH824	UniRef90_P0C0U8	VQASYQKLVSVVAHALAHRY
UniRef90_Q7LZM6	UniRef90_G5BXY2	V L L S L D K L M E A V S R V L I S R Y R
UniRef90_UPI0003F0E70B UniRef90_D3ZPM3  VHVSFDKFLAALSSTAADKYR MQASVDKFLSHVTSVMISK MHASLDKFLGHVTSALVSKDR	UniRef90_Q7LZM6	V C L A W D K F L C Q V N E T L A E K Y R
UniRef90_D3ZPM3 $\underline{M} + A S \underline{L} D K \underline{F} \underline{L} G + V T S A \underline{L} V S K D R$		MQASVDKFLBHVTSVMISK
UniRef90_I7A6X1 $\boxed{V}$ Q A A $\overline{W}$ Q K $\boxed{V}$ $\ket{S}$ G $\ket{V}$ A N A $\ket{L}$ $\boxed{A}$ H K Y	UniRef90_D3ZPM3	MHASLDKFLGHVTSALVSKDR VQAAWQKVVSGVANALAHKY
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UniRef90_Q5BJC7 UniRef90_P80726 UniRef90_W5MM67 UniRef90_UP10002034AF2 UniRef90_Q802A2	LSDKDKSLIIGFWQKISSKADDLGAEALSRMIVVFPAIK LSDKDKQHVQALWAKASAKVDTLGHEALSRMLIVYPQTK
UniRef90_C3KJ57 UniRef90_Q10733 UniRef90_P02136 UniRef90_UP100032A2F3D	MISQKEKRLLAEVWKSLIPAAEDIGSDSLLRMFTAFPGSK VWSDNERALINSIFSGL WTAEERHYITSMWDKINVAELGGESLARMLIVYPWTK WTAEEKAVINSVWQKV WTDAERKAIIGLWGKI LTAHEKQLITGSWGKINAKAIGKEALGRLLNTFPWTQ
UniRef90_P07433 UniRef90_P02076 UniRef90_UP10000F60FEE UniRef90_Q4F6Z2 UniRef90_Q7T1B0	MLSAQERAQVAQVWDLIAGHEAPFGAELLVRLFTVFPTTK WTDAERAAUKSLWGKU DVGEUGPQAFARLLVYPWTQ
UniRef90_I3IZ54 UniRef90_P06639 UniRef90_G1PSU3 UniRef90_P02137 UniRef90_Q7LZM7	LTAEDKHNVKALWDHVKGHEEALGAEALYRMFCCMPTTR RRLFASYPQTK LSADEKSAINAVWSKV NLENDGHDALTRLLVVFPWTQ VLTEDDKTHVKTLWGHVHNHAEELAADALTRMFLAHPTSK
UniRef90_E3TGF8 UniRef90_C1BY71 UniRef90_P68056 UniRef90_G3RZQ0 UniRef90_UP1000383BA95	LSAKDKDTVKAFWATVSPKAGEI GAEALYRMLTVYPQTK WTDAERSAI LGLWGKLS ADEI GPQAFARCLI VFPWTQ KALITGFWSKVK VDEVGAEALGRLLVVYPWTQ LTPEEKTAVNALWGKV NVDAVGGEALGRLL VVYPWTQ CHRLLVVYPWTQ
UniRef90_P83113 UniRef90_E3TGA8 UniRef90_C8YNP9 UniRef90_Q8UW93 UniRef90_P07429	DDRSHILAIWPSVASHGADYGGEALYRLFLSNPQTKVWTDFERATIQDVFSKI DYESVGHQALSRCLVVYPWTQLTDKDKALIKGFFAKVSSKAVEIGHQTLARTIVVYPQTKWTEFERTTIQDIFSKM NYDVVGQQSLARCLVVYPWTQLTAKERQLITGTWSKICAK TLGKQALGSMLYTYPWTQ
UniRef90_UPI0003EC2A4A UniRef90_P29628 UniRef90_W5LAT8 UniRef90_P11749 UniRef90_M4AD09	WSDSERALITDIFSHM DYDDIGPKALSRCLIVYPWTQ WTDAERTAISGLWGKLS VDEIGPQALSRLLIVYPWTQ WTQQERSIIAGFIANL NYEDLGPKALARCLIVYPWTQ LTDKERVMIQDSWAKVYQNCEEAGVAMLVRLEVNFPSSK
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UniRef90_W5KM17 UniRef90_P10784 UniRef90_P84206 UniRef90_Q1AGS5 UniRef90_W5KM05	LSAGDKANVKAVWDHVKGHEEAFGADALHRCFKIDCQTQ MLSQRERELLVELWDRLTPVAEDIGSEALLRMFTTFPKTK VLSSQDKANVKAVWEHVKGHEEVYGAEALHRAFVCDPQTQ WTDGERTAILTLWKKI NVEEIGAQAMGRLLIVYPWTH LSSKDKATVKEFFGKMSTRSDDIGAEALSRLVAVYPQTK WTEEERNFIREIFSKLK YEDVGPKSLCRALIVYPWTQ
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UniRef90_H3B4U9 UniRef90_Q33CJ7 UniRef90_P02015 UniRef90_R9RZZ4 UniRef90_B3RYV6	LSDAERELIQDTWGHVYKNCEDVGVTVLIRFFINFPSAKLSDTEVESIRQLWSNVYTNCENVGVLVLIRFFVNFPSAKFTNDERQQIHDAWAKL HADQVGGEALGRLLYVNPWTRLSGEDKANVKAVWDHVKGHEDAFGHEALGRWFTGIEQTHLSDGEWQQVLNIWGKVEADIPSHGQAVLIRLFQGHPETLLTEEQKALIRENWQDVEENMSEVGLYLFSKLFTIAPEYR
UniRef90_K7GM56 UniRef90_UPI0004545EE9 UniRef90_UPI0003AFB808 UniRef90_M1VNS7 UniRef90_P02203	FTADEKAAITSIWDKV DLEKVGGETLGRLLIVYPWTQLTLEEKLLVTALWSKM RVAEVGVETLGRLLVVYPWTQLTLEEKLLAPFWGKVDLH KIGGEALGRLLYVYPWTQLSDEEWKKVVDIWGKVEPDLPSHGQEVIIRMFQNHPETQVLSDANKQEIHHVAELIKPHAEAVGADALARLFELHPQTK
UniRef90_P84216 UniRef90_UP100029D8B08 UniRef90_Q802S6 UniRef90_UP1000440D4A8 UniRef90_K7FYS7	FVAFPSSK  CDSEREMIKDTWAKVYQNCDDVGVALLIRLEVNFPSSK  WTDFERATIQDIFSKM DYESVGHNALARCLVVYPWTQ  VITACDKTNVKAVWTKVSGHUEDVGAETLERMEATYPSTK
UniRef90_M3ZD94 UniRef90_R4GDF7 UniRef90_UPI00004F418F UniRef90_UPI0002C62FF6 UniRef90_P07409	LTAKDKDTVKAFWGKISPKAGAIGADALGRMLVVYPQTK MSDAEKKMIQETWNTVYAKCEDVGVSLLIRFFVNFPSAK LTFKEKFSFMFLWSKM RLDEVGVETLGKLLVVYPWTQ LSAQERAYVAQVWDLIAGQEAPFGAELLLWVFTMYPSTK WTGEEKALVNAVWTK TDHQAVVAKALERLFVVYPWTK
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UniRef90_UPI0002C62FF6 UniRef90_P07409 UniRef90_Q8UUR3 UniRef90_G1NQ13 UniRef90_G1NQ13 UniRef90_G9K3V9 UniRef90_B2RVB7 UniRef90_B2RVB7 UniRef90_B3RVC6 UniRef90_B7UCU6 UniRef90_G3RYC6 UniRef90_G3RYC6 UniRef90_G3RYC6 UniRef90_G3RYC6 UniRef90_G3RYC6 UniRef90_G7BMQ3 UniRef90_UPI0003D07C9F UniRef90_UPI00039409C2	TYFKHLGA CPDXVQL LSRXRRLLAAVGAAVQHLDNLRAAL TYFVKFNGKFHASDVQTHAGKVVSALTVAYNHIDDVKPHF QYFEHFREMQQNAQLKEHGQRVLNALNTLVENLDKLNTLF TYFPHFDLRPDSGHIRCHGMKVVAALGEAVKNLDNISEAL RFFDNFGNIGNPKVRAHGKKVLSSFGEAVKNLDNIKGTY VKAHGKKVADALTNAVAHMDDLPGAL RYFAGFGNIKNNPNIAKHGVTVLHGLDRAVKNMDNIKETY RYFDHFGDFEDNHKLKALGKKMIESFSEDLQSLDNLHYTF DVFFLFRDIDDFHQLQAHGLRVMSFIEKSVARLDKLEQIA RFFDSFGNIMGNPKVKAHGKKVLTSLEGDAIKHLDDLKGTF RFFESFGDLMGNPKVKAHGKKVLTSLEGDAIKHLDDLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVALDDPEKKL RFFESFDAVMGNPKVKAHGKKVLTSLEGDAIKHLDDLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVALDDPEKKL RFFESFDAVMGNPKVKAHGKKVLTSLEGDAIKHLDNLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVALDDPEKKL RFFESFDAVMGNPKVKAHGKKVLTSLEGDAIKHLDNLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVTALDNLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVTALDNLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVTALDNLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVVALDDPEKKL RFFESFDAVMGNPKVKAHGKKVLGAFSDGLAHLDNLKGTF DFFPKFKGLDSADQVRWHAERIINAVNDAVVALDDPEKKL RYFSKFGDIMGNPQVKAHGKKVLGAFSDGLKHLDNLKGTF AYFPTEGNLQEDPQIRYHGRRVMVALNQVIENLDNWCRIL PLFQYNCKQFASPQFLDHIRKVMLVIDSAVSHLENLSCLL

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| VIEW | 
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UniRef90_N0ASU0 UniRef90_S3D2U5 UniRef90_Q1R0E4 UniRef90_U5D7L0	S A T Q V E R V Q A S F A K V W P I K G K A A E I F Y A D L F D I A P E V K M T P Q A I A L V Q Q S F A K V R P I A D T A A D L F Y E R L F A I A P Q V R M M T P Q A I A L V Q Q S F A R L T P I S D E T A T L F Y E R L F A T A P E L R M L S L E S A A V I R A T L P V V S E A L D E I T A R F Y G T M F A E Q P E L L M L S Q K T I E T I K S T V P V L E V K G T E I T T V F Y K N M F E K H P E L L L T K S Q L Q T I K A T V P V L A Q H G E T I T T K F Y A D L L V A H P E L K M L T S A Q E S V I A A T T P V V A E H I E A I A Q R F Y P L M F A R Y P E V K Q V Q L L E T S F E K V K P R A E E F A S S F Y E N L F A D Y P D A K M L S E K S L P I I E A T L P L V G E R M P G I A K D F Y R R L F E A H P E L L L T E T Q K Y Y I K Q S W M G L E S N K G E L G L E I F R L F S E N P T L Q L T A D Q V A L I K S T V P L I R F H G T T V T T T F Y A N M I A A H P F L K
UniRef90_UPI00047ADCBA UniRef90_A7S5B8 UniRef90_G0RRL0 UniRef90_M7BMA4	MLSEKSLPI I EATLPIV GERMPGIAKDFYRRLFEAHPELL LTETQKYYI KQSWMGLESNKGELGIEIFLRLFSENPTLQ LTADQIAI KSTVPI I REHGTTVTTTFYANMLAAHPELK 
UniRef90_M3FBC5 UniRef90_UPI00047BB5FF UniRef90_G3UU32	MILGIVET DITILIKGT VIDVIEO LICEALITT VEVKNILEEA LIDELI
UniRef90_S6F2N4 UniRef90_A4FQN9 UniRef90_UPI000288BE67 UniRef90_G9DBN1	DIPAMRASTSKAAAHGDQVPLWFYSHLFLTHPETR VLSAADKNNVKGIFTKIAGHAEEYGAETLERMFLTYPPTK MLDTKTIDIIKSTVPSLKAHGLEITQTFYKTMFENNPEVK LIRESWAEVEPQADDVARFFYGMLFSLSPATR MLSERSVPVIRRTLPAISAHLEKIAGQFYEGLFAAHPGLL WTDHERQIIADVWGKI NHDEIGGQALARLLIVFPWTQ
UniRef90_M1KHB2 UniRef90_UPI00036E50FC UniRef90_017824 UniRef90_UPI000393ED6D	MLDEKTIEI I KSTVPVLEEHGEEI TGRFYDLLFQHHPELL LIRESFAQIEPKADELAQYFYAALFVVAPDCR LSDRQRDVLQKTFAPI LQDCVRNGLKIFVRLFSEYPRYK LSAESREAI RSSWKEI QEDISRVGVI MFVRLFETHPECK
UniRef90_V4LI57 UniRef90_G4QHE2 UniRef90_L7ZC15 UniRef90_A0A014MD88	MTAEELTL VRSSWAELSRTPKHAADII FYRRL FETYPEVR MTIKQSI VVQKSWQKLKPI APQAAKI FYETL FEMDPSLK VFTEEQEAL VVKSWNVMKKNSAELGLKL FLRI FEI APTAK
UniRef90_B4V9T0 UniRef90_UPl0002FFFA2A UniRef90_K0T1L2 UniRef90_H0TDW5	DVRILKSSFAVVERRAEHAVKFFYSHLFWHNPGIR MNPAQIKLVQESFGKVAPISEQAAVIFYDRLFEVAPAVK EKRKEIIQSTWKTVGDSLGEATKLFYKRLFEEYPEV
UniRef90_W5MYS7 UniRef90_UPl00041E3C32 UniRef90_UPl00035D3C7B	L   T
UniRef90_U1KXH3 UniRef90_F9DTV8 UniRef90_A6FFE8 UniRef90_W5K4Z1	MLSNNTIALVKSTIPLLSQAGTAVTAHFYDRMFTHNPELNMLDQKTIHIIKSTVPVLEQHGKTITTVFYRNMFEAHPELLMLTQHTIDIIKATVPAVSLHANDITAHFYPLMFREYPEVKLTGKDKELIRDSWESLGKNKVPHGLVMFTRLFELDPNYK
UniRef90_S3B1Y0 UniRef90_UPI000380D103 UniRef90_UPI0003F065FF UniRef90_L1QHN4	MLIQHIIDIIKAIVPAVSLHANDIIAHFYPLMFREYPEVK LTGKDKELIRDSWESLGKNKVPHGLVMFTRLFELDPNYK MLSQKSAETVRATLPAVAEALDTVTDLFYRRLFAAHPELE IMTPEQITLIQQSFAKVAPISEQAAVLFYDRLFEVAPPVR LFTERQRRIVRKTWRPLANDMTGNGTKVFLHIFEMNPKVK MLDQKTIDIIKSTVPVLKEHGLEITTTFYKNMFINNPEVK LTERQHAVIIRTFAKMGSNPVKNALQVLLRLFAEYPVLK LTERQHAVIIRTFAKMGSNPVKNALQVLLRLFAEYPQYK MLTSREIKLVKATSPVLDSAGVDITKYFYNRMFSCNPELK DVSRLKRSWSAVAAHGDQVPLYFYSTLFLTHPQTR
UniRef90_W5ZMY0 UniRef90_U6PGL3 UniRef90_UPI00035E4E8A UniRef90_F4F1M8	I LKYWPAWEKDYRGFGGEVLTRLFKEYPVLK LTERQHAVIIRTFAKMGSNPVKNALQVLLRLFAEYPQYK MLTSREIKIVKATSPVLDSAGVDITKYFYNRMFSCNPELK DVSRLKRSWSAVAAHGDQVPLYFYSTLFLTHPQTR
UniRef90_C1C1M6 UniRef90_UPl0003771303 UniRef90_N1QXN3 UniRef90_UPl00037B04CA	DTAALQESWQQVAKSGDEVPLFFYSHLFLSHPDLR
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UniRef90_H8H3G1 UniRef90_C5EZQ3 UniRef90_R4YTV2	LLTDIERAHIRRTWRLVEQAAETATKIFYDDLFATHPEYR MLDIQTKELVKSTIPALKSQGEDITKVFYRELFTRYPQVK MLSNEHIQLVKSTVPLLEASGSAITDYFYNRLETHNPEAQ
UniRef90_I4N861 UniRef90_UPI0004723022 UniRef90_W7ITW3 UniRef90_W7D677	MLDIQTKELVKSTVPLLEASGSAITDYFYNRLETHNPEAQ MLSAQDRAIVKSTVPLLEASGSAITDYFYNRLETHNPEAQ MLSAQDRAIVKSTVPLLESGGEALITHFYRTLLDENPSVR MLTEQQRDIVKSTVPLLESGGETLARHFYQLMLEGYPEVR LVRESFALAEAHLDEVTRSFHANLFNISPSAR TEEQKQIVKSTAPILKEHGKEITSIFYKKMFADHPELL
UniRef90_L5N6T1 UniRef90_H5UUD9 UniRef90_UPI000349F54F UniRef90_U4WJZ1	MLS A Q S A E I V K A T A G V V A E N A V A I T X S R F Y P E M F A A H P E L L
UniRef90_R7URJ5 UniRef90_I1XK72 UniRef90_W4C6P0 UniRef90_Q5B7F8	MLSEKTIQTIKSTVPVLEKHGVDITKRFYQLLFTKHPELL LTDRQMTLIEDTWSIVQRDISTVGLDMFSRMFEAFPGIK MLDSRTIEIVKSTLPLLENAGVEVTDHFYKRMFSHNPELK MLSEHTIRVIKSTVPVLEVHGEAITRHFYETMFTAHPELL LTPQQKQIVKATIPALEQHGVTITTLFYKEMLERHPELL LTYKQSVLVRGSIPALREHGETITSLFYANMLRAHPEL MLDSATIEIIKATVPALKIHAEEITKQFYPLLFSLHPEVI
UniRef90_G2X8P2 UniRef90_K6XNN0	LTYKQSVLVRGSIPALRËHGËTITSLFYANMLRAHPE L MLDSATI EI I KATVPALKIHAEEI TKQFYPLLFSLHPEVI

UniRef90_W4CVN4 UniRef90_UPI00037706E8 UniRef90_B8CU80 UniRef90_F6XB67 UniRef90_UPI0004284BBA	50 60 70 80  NIFNHANQREGKQQTALANAVLAAAMN LDQLGNILPVV ELFPVAMDLQRDRLFGALVRIV QGSDQPEFLDGFL H IFNLSHQHSGQPAALFNAVAA YAKNIDNLGALTGAV SYLESPVIL KILQTGKGASVYKIRGLDHLSTKHSIL R VFNMANQVAGDQAKALAASVVAY AVHLIDPFAPDF
UniRef90_UPI000273DCC4 UniRef90_A7RJ19 UniRef90_G7SSR7 UniRef90_A1ZN75 UniRef90_Q90W04	TYFPHFGLHPGSAQLRAHGSKVVAAVGDAVKSIDNIGGALEVFSNEGQLEQDERFLFQSRKFMEMINSAVDRLNDLVMILNVFNKTNQKQGRQPMALASTVLA AAKHIDNLTVLLRLFQSNTHIQNQKLMSS
UniRef90_H2RIW6 UniRef90_W5N545 UniRef90_UPI00036F013B UniRef90_L7L323 UniRef90_UPI00036DA9C1	KL F P K F A GII T Q S D A IV S A H G A T V L K K L G E L L K A K G N H A A L L D V F F L F R D V E D S K E L R A H G F R V M S F L E K T V A R L D Q L D R L D E M F P P Y M D L Q R D R L L G A I I R I V Q G I D R P E F L T N F L D N L F N R T H Q K S G E Q P Q A L A G S V A A F A R L Q L E P V R R Q R F L L P I F K G D M K F Q G R K L M A A L N T V V N G V D K I D T M V
UniRef90_G1FKQ7 UniRef90_D7B2F3 UniRef90_W4LBL3 UniRef90_F8E207 UniRef90_W9RPJ5 UniRef90_Q4JDG1	NHFPKFDGMSQNGDLTAQGVTVLTKLGEVLKTRGNHGETI DGLFNRGNQASGEQRRALAGSLAAFATLLLEHPDERPDVL PLFAHTEMKEQQKKLMQT MTVVVNGLNRLDKMVPAV ADTFNRGNQRSGEQQKALAASI VTFAAMLVDEKSDPVEML KLFSFLKDSPQNAKLKPHAMTVMKTCEAAAVQLRKAGKVTL RLFSSFKHDFKGSGVQGHAKKVVGALGTAVDHLGCLEAAF PLF AGADMQKQGGKLMQMLNAVVKGLNDIPALL
UniRef90_UPl0002557E95 UniRef90_M7XWG2 UniRef90_Q6N3I4 UniRef90_A0A014M4M2 UniRef90_N0ASU0	PLFP A D M T V Q K R K L M A M L A L A V A N L D K L V S A V PLF H G D M R R Q G K K L M S T L N V V V T G L T D L T T L D G L F N R G N Q A S G F Q R K A L A G S L A A G A D L L A D P D T R P D A L
UniRef90_S3D2U5 UniRef90_Q1R0E4 UniRef90_U5D7L0 UniRef90_UPI00047ADCBA UniRef90_A7S5B8 UniRef90_G0RRL0	I MEPEEREI KESRSI OGHT KRVMKV VENAVNSI EDI MEYIL
UniRef90_M7BMA4 UniRef90_M3FBC5 UniRef90_UPI00047BB5FF UniRef90_G3UU32 UniRef90_S6F2N4	NYF SLRNQQTGAQQAALANSVLAAATYIDNLAVIVERFAKFKNLKSSEEVKKHGTTVLTALGRILKQKNNHEQELNIFNH ANQKQGRQQAALANTVYAAAVHIDNLEAILDMFPVSMAHQRDRLFAALGEVMAR VDDLDALVPLL
UniRef90_A4FQN9 UniRef90_UPI000288BE67 UniRef90_G9DBN1 UniRef90_M1KHB2 UniRef90_UPI00036E50FC UniRef90_O17824	DLFAVNMEVQRSRLLRA RDLFNRGNQANGEQCTALAGSIAAYAG MLGNGTRADAIL RYFSSFGNIQGNPKVAAHGKVVVGGLDRAVKHLDNVKGTF N IFNQTNQKKKTQRTALSNAVIAASNIDRLENIVPVV ALFPVAMATQRGRLLRA LVHVIQMVDRPDELVTFL LIWPQFRAIPDSSLMNAHASVYLNGLGKIIDSMRDLGKSM
UniRef90_UPI000393ED6D UniRef90_V4LI57 UniRef90_G4QHE2 UniRef90_L7ZC15 UniRef90_A0A014MD88	DAFFAFRDLNDSKELKAHGLRIMYIIEKTVARIDQLDQLIHLFK GEIDEQGEKIMRMIGKAVTALEDLEPLE PMFK GDMVEQGNKLMSMLDAAIKLLDDLIPAV KMFSFLRDSNQNPKLKAHAMSVFVMTCKSAVQLRKSGKIL RNMFNRANQAAGTQRQALAGAIAAFATALVERPGTRPDAL
UniRef90_B4V910 UniRef90_UPl0002FFFA2A UniRef90_K0T1L2 UniRef90_H0TDW5 UniRef90_W5MYS7 UniRef90_UPl00041E3C32	A MF P  A D MK E Q R R K L MT T L A V V V N G L S N L D T I L  VP MF G D A D M D K Q A E K L L K T V S L A V E Y L N D L V P I L  A L F P  D D L T E Q R K K L M G T L A V V V N G L T N L P S I L  T P Y S S P Q E C L S S P E F V D H I N K V M L V V D A A V T H L D N L H S L L  H I F N H T N Q E Q G R Q Q T A  L A N V V Y A A A V H L D Q L E A L L P A V
UniRef90_UPI00035D3C7B UniRef90_U1KXH3 UniRef90_F9DTV8 UniRef90_A6FFE8 UniRef90_W5K4Z1 UniRef90_S3B1Y0	NIFNHANQSQGRQQTA  LANMVLAAAKNIDQLESVL DIFNHANQSQSKKQQFALFNALAAYATHIDNLPVLA DIFNHANQSQGRQQTA LANTVYAAAQHIDDLGAIL RFFNQSNQAGNAQPKALANALVAYAGN IENLAVLEAAV TNCGVVPECLSSPEFLEHVTKVMLVVAAAVSHLDDLHDFL
UniRef90_UPI000380D103 UniRef90_UPI0003F065FF UniRef90_L1QHN4 UniRef90_W5ZMY0 UniRef90_U6PGL3	A S A Q E M E R Q R D R L F A A L T H V I A H L D D L L P Y L A M F P A D M K E Q R R K L M T T L A V V V N G L S N L D T I L V P M F G D A D M D K Q A E K L L K T V S L A V E Y L N D L V P I L L T P Y S S P Q E C L S S P E F V D H I N K V M G T L A V V V N G L T N L P S I L T P Y S S P Q E C L S S P E F V D H I N K V M M C V V D A A V T H L D N L H S L L H I F N H T N Q E Q G R Q Q T A L A N V V Y A A A V H I D Q L E A L L P A V N I F N H A N Q S Q G R Q Q T A L A N M V L A A A K N I D Q L E S V L D I F N H A N Q S Q G R Q Q T A L A N T V Y A A A Q H I D D L G A I L A N T V Y A A A Q H I D D L G A I L A N T V Y A A A Q H I D D L G A I L A N T V Y A A A Q H I D D L G A I L C T N C G V V P E C L S S P E F L E H V T K V M L V V D A A V S H L D D L H D F L R H L F N R G N Q A S G T Q R R A L A G S I A A F A T A L V T P G Q S P D G M L A M F P E D M T E Q R K K L M G M L A A V V G G L S N L E T I L Q L F P C R D K L K D L N F K G H A S R F M Q S V G A A V D N L D N L E P L L K L F P K F S E L A G N P G V A A H G E T V L K K L A E L L N A R G N H G P L L R I W P Q F R G L Q D S I E L R R H A S V Y M C G L T A L I H S M D E L E V Q M
UniRef90_UPI00035E4E8A UniRef90_F4F1M8 UniRef90_C1C1M6 UniRef90_UPI0003771303 UniRef90_N1QXN3 UniRef90_UPI00037B04CA	NII F NMSNQESGKQPFALLFSALLSTFSRNI DNLP VL QLFPTNMAGQRDRLVAALGHI VSQ VDQVDRLAGYL EKFFPELHQDERKI QRHGAI VLKSVGKLVAFLEALVDAI AMFPISMSAQRDKLVGALGRVVSN VEHLDDVVPFI
UniRef90_M7XQB8 UniRef90_B8C6B7 UniRef90_B1KM75 UniRef90_F8ELZ1 UniRef90_H8H3G1	GLFP DDMTEQKQKLMAMLGLAVNHPETVVPAL PLFPS DLADQKKKLMAMISVAVDGLTDLEPAV PLFRN NIKVQGRKLVAMLKAAVDGLDDLNPVL SLF NSELKTQGIKVISFTVCSLDNMDELLPLL DQFPK DLSGQITKLAKTLDFAVKSLDDLFYLL
UniRef90_C5EZQ3 UniRef90_R4YTV2 UniRef90_I4N861 UniRef90_UPI0004723022 UniRef90_W7ITW3 UniRef90_W7D677	P M F P F L R P L E S H P K L K A H A V T V F V M A C E S A T Q L R K R E A T L E L F P A N M E V Q R S R L L R A L V H T V Q M I D R P D D L V P F L G L F P A N M E V Q R S R L L R A L V H T V Q M I D R P D D L V P F L G L F P A V M E V Q R S R L L R A L V H T V Q M I D R P D D L V P F L D D M T E Q K Q K L M A M I S V A V D G L T D L E P A V M L F P S D L A D Q K K K L M A M I S V A V D G L T D L E P A V M L F R N N I K V Q G R K L V A M L K A A V D G L D D L N P V L S L F N S E L K T Q G I K V I S F T V C S L D N M D E L L P L L D Q F P K D L S G Q I T K L A K T L D F A V K S L D D L F Y I L S M F D M Q K Q K D G S Q P K A L A M A V L N A A K N I D N L E K I R P S I N I F N Q A N Q A S G D Q P R A L A N A V L N A A Y A K N L D N V E Q L L P L F N Q A N Q A S G D Q P R A L A N S V L Q Y A K N I D H L D Q L D E M F P I N M E V Q R S R L P R A L A N S V L Q Y A K N I D H L D Q L D E M F P I N M E V Q R S R L P R A L A N T V Y L A A E N I E R L E V L L P Q V R N V F N Q T H Q K V G E Q P K A L A N A V Y M A A A H I D E L E T L L P M V D V F N R A D Q A L G D Q P Q A L A A S V V A Y A V H L V D P G A P S F P L F A H T N M K E Q R K H L F S S L V L V V N N L R K P D V L S D A L N L F N H A N Q K Q G R Q Q T A L A N A V Y A A A Q Y I D K L E T L I P V V
UniRef90_L5N6T1 UniRef90_H5UUD9 UniRef90_UPI000349F54F UniRef90_U4WJZ1 UniRef90_R7URJ5	R N V F N Q T H Q K V G E Q P K A L A N A V Y M A A A H I D E L E T L L P M V D V F N R A D Q A L G D Q P Q A L A A S V V A Y A V H L V D P G A P S F P L F A H T N M K E Q R K H L F S S L V L V V N N L R K P D V L S D A L N L F N H A N Q K Q G R Q Q T A L A N A V Y A A A Q Y I D K L E T I I P V V E S F G P L S S M V P E D H I S E H G V R V L N T V D T I L H D P D K T I E T L D F N L A N Q A T G R Q Q F A L F S A V A M Y A K H I D D L G A L
UniRef90_I1XK72 UniRef90_W4C6P0 UniRef90_Q5B7F8 UniRef90_G2X8P2 UniRef90_K6XNN0	DI FNLANQATGRQQFALFSAVAMY AKHIDDLG ALNLFNH ANQKQGRQQAALANMVYTAALHIDNLSSLLNNIFNSSHQATGVQPAALAHAVWASN IDHPEALATAVHDMFNTANQANGRQPRALTSVILAFAAN LNHTAELIPRLPY FNQTNQGKGTQPKALANAVIA YGANLDKLGNLSDAV

UniRef90_W4CVN4 UniRef90_UP100037706E8 UniRef90_B8CU80	90 100 110 120  K Q I A E K H R A L G V L P E H Y P I V G E T L L A A I G Q V L G D A A T P E  A G L G R D H R K F G V K A A H Y E A L G R S L L A A I A R Y A G P A W T P E  E R I A H K H T S F N I Q P E H Y P I V G H H L L E T L R E L A P D A F T P E  P L L T V K K C L C L R D A G F K I L L S H A I E V T L A V H F P D D F D A T
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UniRef90_A7RJ19 UniRef90_G7SSR7 UniRef90_A1ZN75 UniRef90_Q90W04	PNVMQHKHRALEIIKPEHYPILVGENLLKAIIKVVLGDAATPE KFLAKRHVN YQVKPAYFTAFGNAFLIYMLAQVLGNAWTHE LNLGRKH QAVGVKPQSFAMVGESLIYMLQCSIIGQAYTAS
UniRef90_H2RIW6 UniRef90_W5N545 UniRef90_UPI00036F013B UniRef90_L7L323	QPLANIHAIKHKIPIINNFKLIAEVIGKVMEEKAGLD AA QELGKSH YRYNAPPKYYGYVGTEFI <mark>C</mark> AVQPILKEKWTSE
UniRef90_UPI00036DA9C1 UniRef90_G1FKQ7 UniRef90_D7B2F3	PILQDMGRRHYGVKDAHYDTVGAALTWTLEKGLGEAFTPE KNLSKTHANQHKVPIGHFKVIAEILGKVMEEKAGID GP
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UniRef90_UPI0002557E95 UniRef90_M7XWG2 UniRef90_Q6N3I4	DILIGILIRH RGYGIHEAHYEANGAALLIWILEQGILIGADFIPE
UniRef90_A0A014M4M2 UniRef90_N0ASU0 UniRef90_S3D2U5 UniRef90_Q1R0E4	ELI CHKHA SLYI QPESYDVVGYHLLKAMKEVLGDAATPE
UniRef90_U5D7L0 UniRef90_UPI00047ADCBA UniRef90_A7S5B8	RGLGARHVE YGTLPEHYPLVGNILLKIFAQYLGEGWIPE SRLANKHA SLGLSPEQYDVVYKYLFEALADKLSDVITED QELGRRHKROLKPTVSNLQELSQALNETFEENLGLKWTVE
UniRef90_G0RRL0 UniRef90_M7BMA4 UniRef90_M3FBC5 UniRef90_UPl00047BB5FF	ERIAQKHA SLFIKPEHYPIVGKYLIGAFEQILGDAFTPEKPLAESHATKHKIPVKYLEFICEIIVKVIAEKHPSDFGADPAVVQIANKHLGVKPEHYPIVGDFLLKAIKEVLGNAATDDQQLGRDH RKFGALAAHYPAVGASLLATL EHFDDDWDDE
UniRef90_G3UU32 UniRef90_S6F2N4 UniRef90_A4FQN9 UniRef90_UPI000288BE67	QQLGRDH RKFGALAAHYPAVGASLLATL EHFDDDWDDE RKIGEKHCDKL IKAELGQCFLVVVAIHHPAALTPE RKIGEKHCDKL IKAEHYPIVGSNLLISIKKVLGDAATDE HQLGRDH RKFGVVSAHYEAVGTALLASIKKHAGPAWTES ARIAHKHA SLGIEPSQYKVVHTHLFAALVEVLGDAVTPE TQLSALHSDKLHVDPSNF
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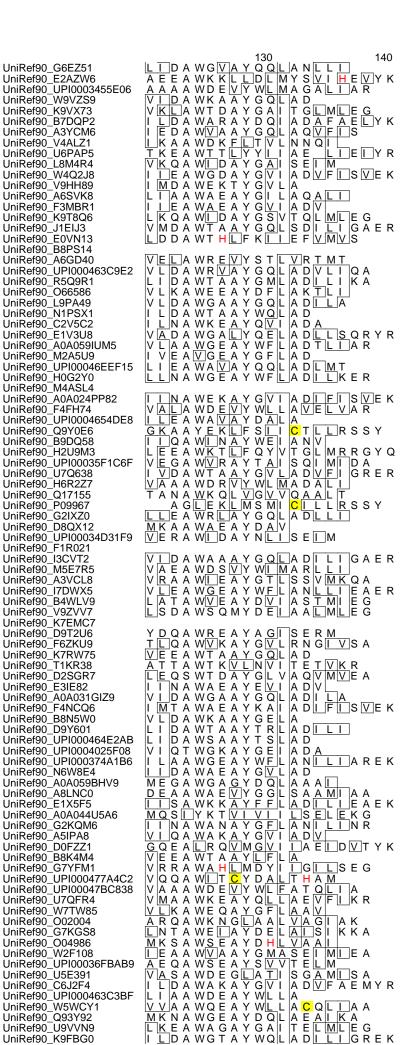
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UniRef90_K7RW75 UniRef90_T1KR38 UniRef90_D2SGR7 UniRef90_E3IE82 UniRef90_A0A031GIZ9 UniRef90_F4NCQ6	MLTQTHIDTVKATIPLLASGGTALTEHFYARMFLHNPELK LSDDEVKVIQSIWSSVMKDANTHGMNFFLKFFRENPTFQ GDEAPLYFYAHLFLSHPDTR LSQKTIGIIKSTVPVLEKHGEQITKRFYQSMLTSHPELL MLTQEQRAIITATVPILEQGGEALTRHFYKNLFRDHPEVL MLSVKTKNIVKATVPALEQNGVTITKTFYKNMLGEHPELL
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UniRef90_B8K4M4 UniRef90_G7YFM1 UniRef90_UPl000477A4C2 UniRef90_UPl00047BC838 UniRef90_U7QFR4 UniRef90_W7TW85	FSEFEQDVLLSTWPLIASDLYTHGCMVFKNALHLFPDLA MTNQQIQLVKQTWKLLEVDPAVLGDVFYGRLFFKYP ML LHPENEAIVAATAGVVAENAEAITKVFYPDMFEAHPELL SPETIFILKSTAPLIKKQGQQUITSRMYFUMFKNHPEVK
UniRef90_O02004 UniRef90_G7KGS8 UniRef90_O04986 UniRef90_W2F108 UniRef90_UP100036FBAB9 UniRef90_U5E391	L L S A HERS L I R K T WD Q A K K D G D V A P Q V L F R F V K A H P E Y Q F T E K Q E F L V N S S WE S F K Q N L P G Y S V L F Y T I I L E K A P A A K F S E E Q E A L V L K S WA I L K K D S A N I A L R F F L K I F E V A P S A S L V K E S F A L V E P V A G K A A A Y F Y G R L F S E S P Q L R
UniRef90_C6J2F4 UniRef90_UPl000463C3BF UniRef90_W5WCY1 UniRef90_Q93Y92 UniRef90_U9VVN9 UniRef90_K9FBG0	ALIRTTFKAVAAAEPEKLARSFYSLLFTDYPGIRMLDSKTIEIIKSTVPVLEVHGQTITKTFYQTMFKNHPELLMLSSAARPYIQASVPVLQAHGLAITTTFYSNMFNAHPELKLSAASAKVLRSTLPAVREHAVEITTEFYSSMFAAHPELLFTEKQEGLVKESWEVLKQDIPHSSLRFFSLILEIAAKMTPNQLALIKATVPVLAEHGNTITTVFYRNMLEAHPELN

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UniRef90_UPI0004654DE8 UniRef90_Q9Y0E6 UniRef90_B9DQ58	KRIAHKHA SLHILPEHYPIVGKYLLESIKEYLGLGDNDP KELSAKHSSEFQVDPKLFKELSALFVSTIR REIAYKHC ALQVPPAGYKLVGDNLIAAIMEVLSLDEEDP
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UniRef90_U7Q638 UniRef90_H6R2Z7	E R           A       K       A
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UniRef90_K9FBG0	S S A V E L I C N K H Y I Q P D D Y K I V G K Y L L E A M G E V L G A A L T P E



UniPetOn EnveAs	
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UniRef90_UPI00045E96C6 UniRef90_C3AJJ1 UniRef90_Q9Y0D5	T E G E R A A V R A S WA V L M K D Y E H A G V Q I L D K F F K A N P A A K
UniRef90_A0A059ITZ4 UniRef90_W5KPG1 UniRef90_I2G909	LTAREAALVRASFRSVRDRVEPASRDFYAALFRRRPDLR LSKEQKGLIKDSWSKIQQDVTKAGIIMFVRLILRHPGTF MTDREVEVLKQSWNHVKSQELVVGLQMFXTLFQRYPQYQ DAVLIRRTLAEMEPVADEATSFFYALLFVNHPYLR
UniRef90_UPI000370C764 UniRef90_W9YS10	DAVLIRRTIA EMEPVA DE ATSFFYALLFVN HPYLR LSPEHQAIVKSTVPVLA EHGVAITSHFYKRLLNNHPEL MLDQTTVAVIKSTIPLLESA GPALTQHFYQRMFSHNPELK
UniRef90_UPI00047C7765 UniRef90_UPI00034DE702 UniRef90_UPI000349F7EE	ILID K R T T EIL T IK T TIVIPIV LIK E H G E T II II K H F Y KIL L LIE N N P E ILIR
UniRef90_G8BNV9 UniRef90_T1F484 UniRef90_G2XJ88	QKTINI I KFTAPI LRKHGKTI TTRMYELMFHKYPEVK MLSEETRTI VKATIPVLEAQGAVI TKHFYAKMLGSNEELL VLTIREKQLVRESWTLLSIKLKSLGKQVFLRIFELRPSTK TEAQTAI VKSTAPI LKEHSLTI TTVFYKSMLGAHPE
UniRef90_G8X712 UniRef90_UPI0003C43914	MTTTEKELLIKATILIPIVLIRENGIVLLITKHFYNRMFAHNPELIK
UniRef90_UPI0003AAB814 UniRef90_P39676 UniRef90_F4QUX0	LLKESWSEVE RPDRLAENFYARMFLADPALR MLAEKTRSIIKATVPVLEQQGTVITRTFYKNMLTEHTELL LSERTIALVKATVPALEAHGLDIVREMYSRMFQ NPEIR
UniRef90_D5D9L5 UniRef90_A5E720 UniRef90_W9ADN1	LTPEQLALIKSTVPVLEQHGQAITTRFYEMLFEQYPSLK LTPEQLALIKSTVPVLEQHGGGTLTQKFYTKMLSGYDEVK LLDQKTMDLIKSTVPVLAEHGESITKHFYSRLLEDHSELK LTAEQMARVKATAPVLAEHGESITKHFYSRLLEDHSELK LDDQTRSIILATVPALKAHGLAITTEMYKRLLET PAIR MLSETTIQLVKACVPALKAHGLAITTEMYKRLLET PAIR
UniRef90_UPI0003484303 UniRef90_D5QHT9	L T A E Q M A R V K A T A P V L A E H G T T I T K H F Y K R M F A H H P E L K L D D Q T R S I I L A T V P A L K A H G L A I T T E M Y K R L L E T P A I R
UniRef90_W9H8K3 UniRef90_UPl000474967A UniRef90_UPl000255986B	WILE A LEGATION OF THE SPILE VACILE FAIR STR
UniRef90_E9HNB1 UniRef90_N9VQK2 UniRef90_UPI0003A08B63	VLNSVNVA AVQSTWAVIKSDINTFAPQFYVALLTAHPEYQ MLDQQTI ATI KSTIPLLES AGPAMTKHFYQRMFTHNPE L DVA ALRWSWNRLTA AGPRAAKHFY ATLFVIAPETR
UniRef90_S1STT9 UniRef90_A6VRC9 UniRef90_Q7NSD8	MUTOHHUDTVKATUPU JASAGTAILITEHEVORMESHNPELIK
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UniRef90_L0G369 UniRef90_UPl00046C2173 UniRef90_K1JTI7	MLTDNEIKIIKSSAPALAEYGEQITGRFYQILLEKNPELK MASKSTIEIVKSTAPVLKEYGEQITKVFYKKLFETHPD L LTAKQKYNMLASWKGISRAMESTGVCMFLKLFEEHAELL MLTPRQIEQVKATVPVLREHGVLLTTHFYRRMLEGNPE L
UniRef90_E9FXJ5 UniRef90_B3R7W2 UniRef90_UPI00034B10F6	IL LS S H D R S V I R K T W D Q A K K D S D V A P Q V L Y R F V T A H P E Y Q  MILS A A S R P V I D A S V P V L R F H G I A I T T H F Y R F M F A D R P F I I
UniRef90_UPI00036BAAFB UniRef90_Q5HR68	S QII D A A AIL Q A S WK KIVII ALID A E PA RII IF Y GL LIF A S D P S II R MILTEKEODII I KOTIVIPII I IQDKGTEILT SILEY PKMEEAN PEILL
UniRef90_UPI000350F47E UniRef90_UPI00030B2123 UniRef90_L8LT06	VFSEEQEAL V LKSWAL MKKDSANLGLRFFLKIFEI APSAK SI LEESFRLLKQHSDQFTDVFYTCLFEKIPESR MNPKTLEI VKSTAPVVKEKGKEITERMYEI AFNERPEYR
UniRef90_Q9M3U9 UniRef90_B6BLR1 UniRef90_E3BJN9	F S E E Q E A L V K E A WE I MK E D I P A L S L Y F F T Q V L E I A P A A K L S A K T I E I V K A T A P I V A A N A E A I T S T M Y K MF T N H P E I K M L N N H H I E V V K Q T L P I L E S A G P E L T K H F Y Q R M F N H N P E L K
UniRef90_U1LJZ1 UniRef90_UPI00035D1F22	M L  T
UniRef90_P02240 UniRef90_S9X8F9 UniRef90_B7QI99	LTESQAALVKSSWEEFNANIPKHTHRFFILVLEIAPAAK MNDSQKQYIRSSIPILESSGVNITQAFYQRMLENYPEVR LTTSDKCAIKDTWTMFRRETRTNALSLFVALFSRYPEYQ LDQQTIETVKSTVPVLEKYGKDITSRFYQRLFHKHPELK
UniRef90_N4WZP8 UniRef90_U4UEU2 UniRef90_H3KC31	L D Q Q T I E T V K S T V P V L E K Y G K D II T S R F Y Q R L F H K H P E L K L T S K E K Y L V R T S W A K I M K N P A D S G V A L L C L F E R H P E Y V ML T P N Q I S L V K A T I P V L R E H G V A L T A H F Y A R M L K G N P E L R D A V L V R R T L Q E I A P V A D Q V T S Y F Y A L L F V R H P A L R
UniRef90_UPl00047789D8 UniRef90_A0A024YR31 UniRef90_A5DQY8	DAVLVRRTLQEIAPVADQVTSYFYALLFVRHPALR DAVLIRRTLAEIAPVADKVTSYFYALVFTGHPEVR
UniRef90_Q2PP42 UniRef90_UPI0001CB9E5C	DAVLIRRTLAEIAPVADKVTSYFYALVFTGHPEVR LSPEQVNIVKASVPILKASGQELTKNFYQKMLSSYPEVK FTESQEALVTSSYETFKQNASDLSVLFYTFILEKAPGAK LTARQKFSIQKSWKAIQRNMEGVGMDIFLRLFKAHPEYQ LSPADIHRVRTSFDLMWPRSTEMADQFYARLFEIAPDSR
UniRef90_B3QH91 UniRef90_R0JHX0 UniRef90_UPI000345A7DE	ELLESSFAKIKPSGPQFAASFYTNLFESAPA <u>A</u> K
UniRef90_H3A474 UniRef90_Q0HFV0 UniRef90_V5YM54	RLFETHPE <mark>C</mark> K MLDSRTIQIIKSTIPLLESAGPALTQHFYQRMFTHNPELK LTEADVEIIKRTWKIPSANPHDSAALIFSTFLEKYPHNQ
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UniRef90_Q9M630 UniRef90_K7SC23	SKENEOU VKOSWELIKKDAORNGINEERKVEEIAPGAK
UniRef90_E9EFU4 UniRef90_D7A7Q2 UniRef90_F2Q9W7	LISEQIKI VQSII PALEQHGIAI IIIEFYKKL LISHPELK LSTETI TL VKATI PALAAHGPALT MYRRL FERD DLR
UniRef90_B4EZV6 UniRef90_K6WGP8 UniRef90_UPl000472638D	DKQLLEESLTLVDLPDSGLTVRFYDLLFERYPAVK
UniRef90_P10816 UniRef90_UPI000372B9EC	FTEKQEAL VNASYEAFKQNLPGNSVLFYSFI LEKAPAAK LSADTIARVKATVPALAEHGEKITLAMYARLFQDA HIK FTADEKAAITSI WDKV DLEKVGGETLGRLLI VYPWTQ
UniRef90_G3ICM7 UniRef90_J9HFZ7 UniRef90_A9UWH7	MLT QE EI QTI KETVPL LK DK GQT I TSI FYK R L FE QHPELK  KLARK QWK RV VQL VPN WHEVFFS YL FE RAPYAR  MAST QT I EI I KATVPV LEE HGTAITK VFYK N MFI E HPELL
UniRef90_U4T9S0 UniRef90_F2RD86 UniRef90_D7G3H0	MASTQTIEITKATVPVLEEHGTAITKVFYKNMFIEHPELL ADAVLVRRTLAEIAPVADRVTSYFYALLFIRNPELR ETVKTSWQKVLDRFGDIADSFYSVLFEVEPSVE LTQKQKYVLTKNWKGIDREVSAAGVEMFLKMLSLHPEYK
UniRef90_A8QDR7 UniRef90_UPI0003B480DF	LTQKQKŸVĹŤKŇWŘĠĬĎŖĖVŠAĀĠVĖMFĽKMĽSĽHPĖŸK MLQKETĽRLIQESVPĽLREYGHKŰTANFYKRĽFNĖHPEĽĽ

UniRef90_F0XSA6 UniRef90_UP10003B31C0B	50 60 70 80  S Y F N T V N Q Q N G R Q P R A L T T L L A F A T N I S H T S E L I P R L R N M F N Q T N Q E T G V Q P E A L A Y S V Y Q A G A N L D R L E E L R P M I D M F P P M M D A Q R D R L F Q A L V R L V G Q A E H P D S L V A Y L
UniRef90_C7QCW0 UniRef90_UPI00045E96C6 UniRef90_C3AJJ1 UniRef90_Q9Y0D5	NU FOR TVELING KEFFN MLAALQNVKYLE NI AESIV NU FNHTNQKKGRQQQAL ASAVYAAATYI DNLEVI I PVV
UniRef90_A0A059ITZ4 UniRef90_W5KPG1 UniRef90_I2G909	R V L K A F G H T T P S R T   L L   H T   V Y   V   M S F   L E K S M A R   D K   L E K L V G   F T H   H Q S G Q S D R F Q   H   V R N   M E S   Q K   L S C V G S A D T T
UniRef90_UPI000370C764 UniRef90_W9YS10 UniRef90_UPI00047C7765 UniRef90_UPI00034DE702	RNIFNSAHQSTGTQPAALAHAVLAYAAH IDDLGVLTSAV DIFNLAHQRSGGQPLALFNAVAAY AKNIDNLG AL NVF NQTNQRKGAQSKALANTVYAAAANIEKLEEIL
UniRef90_UPl000349F7EE UniRef90_G8BNV9 UniRef90_T1F484 UniRef90_G2XJ88	A Q F D M S A Q A N G S Q P A K L A T A V Y S Y A IL HI D D L E A L N II F N MVN Q K K G A Q P T A L A T T I L A A A K H I D D L S P L I N II F P F K T V W G D K I L K H H S K F V K V I G C V V D R I D Y I O F F C
UniRef90_G8X712 UniRef90_UPI0003C43914 UniRef90_UPI0003AAB814	N [] FNLIGN QASGK QQI ALIA MAV LAYAEH     ENPSVLINIL DAFFLFRDI EDSKEL QAHGLRVMSFI EKSVARLD QLEHLA DUFPLIMDIVORSRI I QA
UniRef90_P39676 UniRef90_F4QUX0 UniRef90_D5D9L5 UniRef90_A5E720	DLFNQSHQGDVGSQPRALTATIVLAAAKNI DDLMDHV DLFNQSHQGDVGSQPRALTGAI LAY AKNI DNLS AL NVFNQTNQKTGRQQM ALANTV YAAAQYIDRLETLLPVV
UniRef90_W9ADN1 UniRef90_UPl0003484303 UniRef90_D5QHT9 UniRef90_W9H8K3	N VFNQTNQRKGDQPKALANTV YAAAANI DRLEEI LPHV NVFNQTHQQSGS QPETLARAV YAYAANI DNLGALGSAV DL FNLSHQQDGEQPKALALAVLCYAEH I NDLGALGGMV
UniRef90_UPI000474967A UniRef90_UPI000255986B UniRef90_E9HNB1	N VFNQTNQRKGDQPKALANTV YAAAANIDRLEEI LPHV NVFNQTHQQSGS QPETLARAV YAYAANIDNLGALGSAV DL FNLSHQQDGEQPKALALAVLCYAEH INDLGALGGMV DLFNQSHHGETGSQPKSLALAVLAYAEH INDLGALGGMV RDIFNRTNQADGAQQRALADSVAAFASLLVSHPTDIDPIM PLFST ENDQQLKQQETKMLSAIVNSLTNLDSLIPVL AMFPTIANVPNNAALITLSVNVVTKLSEIIDSLGNLNGKL TEVFNLAHQHSGGQPVA LFNAIAAYAQHIDNLAALITMFPTNMQHQEDKLLAALG
UniRef90_N9VQK2 UniRef90_UPI0003A08B63 UniRef90_S1STT9 UniRef90_A6VRC9	DILIEPAEILIDIVIORERII VIRAILI IRII VI — EIL VID DED NIL VIAE C
UniRef90_Q7NSD8 UniRef90_A5WD83 UniRef90_UPl00042384CF	N VFNQGHQHSGQQQQALAMAVLAYARH IDDPSPLLPVL
UniRef90_L0G369 UniRef90_UPl00046C2173 UniRef90_K1JTI7 UniRef90_E9FXJ5	N I F N M T N Q K S G N Q K Q A L A M A V Y A F S K Y V D N L S V I L G D V R N L F N M T N Q V K G T Q P K V L A N A I I Q Y A T Y I E T P E V L L Q A V T L F E K F K E L K N S L E L A E H A S T V M N T L D E G I K E L D N L F E Y L R N I F N Q A H Q A R G R Q Q K A L A E A V L A Y A E N I E N P A V L L P A V K M F S K F N E L M G N G N F L A Q A Y T I L A G L N V V V Q S L S S L A S Q L
UniRef90_B3R7W2 UniRef90_UPI00034B10F6 UniRef90_UPI00036BAAFB UniRef90_Q5HR68	T QLJF N M G N Q A N G S Q Q Q S L A S A V F A Y A A N I D N A A A L N V F N Q K K G L Q S S A L A M A V V A A A E N I E D L T P I V L M F P V G M T E Q R D K L L K A L G H I V S N V G D P N V M G E F G N M F N Q T N Q K K G M Q S A A L A Q A V L A A A M N L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I G A L K P A I L N N I C N N I L N N I G A L K P A I L N N I C N N I L N N I G A L K P A I L N N I L N N I G A L K P A I L N N I L N N I G A L K P A I L N N I L N N I G A L K P A I L N N I L N N I L N N I G A L K P A I L N N I L N
UniRef90_UPI000350F47E UniRef90_UPI00030B2123 UniRef90_L8LT06	QMFSFLRDSDVPLEKNPKLKTHAMST <mark>C</mark> EAAAQLRKAETTL AMFTQTDMTKQKQKLWGSVELV REFENTHMKNPEFGKKQAGKVAASVYAYASHIDEN EDAV
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UniRef90_N4WZP8 UniRef90_U4UEU2 UniRef90_H3KC31 UniRef90_UPI00047789D8	QVFNQGHQRAGRQQEAL AAAVLAYAEHI ENPAALLPAV
UniRef90_A0A024YR31 UniRef90_A5DQY8 UniRef90_Q2PP42	PMFPVAMDAQRDRLLKALLTAAEHMDNAAV GMFPAAMDTQRDRLLKALLTAAEHMDNAAV PF FNESDQKSLRQPKILAFALLK YAENIENLEPLTGFV NLFSFLKDSDGNPNLKAHAAKVFELVVDSAVQLGAVVIAD DLFPEFKGMRNSINFETHVGIFMNVIDECIDSLEDADHVI TLFRSDMTRMKD KFIQTLAVLVGSLDNLTGLY TYFPHFDLSHGSAQIKAHGKKVAAALVEAVNHIDDIAGAL
UniRef90_UPI0001CB9E5C UniRef90_B3QH91 UniRef90_R0JHX0 UniRef90_UPI000345A7DE	D L F P E F K G M R N S   N F E T  V G  F  M N V     D E C     D S L E D A D H V   T L F R S D M T R M K D  K F  Q T L A V L V G S L D N L T G L Y T Y F P H F D L S H G S A Q  K A H G K K V A A A L V E A V N H L D D  A G A L P L F A H V D P E S Q K K L A S L V L V V  E N L R N G D V L G S T L
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UniRef90_K7SC23 UniRef90_E9EFU4 UniRef90_D7A7Q2 UniRef90_F2Q9W7	S M F N M R H Q E T G A Q P R A L A R S V V A Y A L N R H D P E A L E E M M D L F P A A M D T Q R D R L F N A L L T A A T H A D D T A T L T A Y L A L N N I F N Q T N Q K N E A Q P R A L A G A L A A Y A A N I D N L A V L A M Y S F L R D S T E N P K V K N H A R Y V F M M T G D A A V Q L G E L E S K L E M F D P T H Q S K G T Q P R A L A M A V L A Y A K N I D N L G V L G G A V N I F N A T H Q V T G E Q P A L A M A V L A Y A S N I E N P A A L Q T T I A L F N Q A N Q G D S G T Q V H A L A G A I L A Y A Q N I D N L G A L T S A V K L F K G D Q Y E K T T S M R A H V T R F I N S F D S F M E C L E D L K S L L D L S T M S H Q S S G T M S F
UniRef90_B4EZV6 UniRef90_K6WGP8 UniRef90_UPl000472638D	P M F Q R D T R V Q A E MUR T À V V S V L D H L E D A E W L T T N L A L F N S A H Q K N G T Q P T A L A L A V L A Y A R N I D N L G A L S G M V
UniRef90_P10816 UniRef90_UPI000372B9EC UniRef90_G3ICM7 UniRef90_J9HFZ7	GMFSFLKDFQNNPSLQAHAEKVFGLVRDSAAQLGVVVLAD ALFNHANQSTG AQPKALAGAVLAYAQNIDNLGAVL RFFDKFGNIMGNPRIRAHGKKVLTSLGLAVQNM NVFNQTNQKRGLQS SALAMAVLAAAENIKDLSPIVPAI
UniRef90_A9UWH7 UniRef90_U4T9S0 UniRef90_F2RD86 UniRef90_D7G3H0	NVFNQTNQKRGLQS SALAMAVLAAAENIKDLSPIVPAI TFPFDVDRLQGNSSLAEHAKRVGQALETALQGLYSLVEVL DIFNETNQKLGRQQNALASTVLA AAKNIEHLAVLL EMFPVAMDTQRDRLLKAL LTAAEHLDDLTAYL SLFTRSKRF HGEMLMRMVDTSVRLLNNLQELV MFPFHSIATSCEEKLRLHGESVMKFLGQVISNIGNTEKFF
UniRef90_D7G3H0 UniRef90_A8QDR7 UniRef90_UPI0003B480DF	MFPFHSIATS CEEKLRLHGESVMKFLGQVISNIGNTEKFF NIFNHANQHKGHQPQALANAVYAAAAN ITQLEQILPTV

UniRef90_F0XSA6 UniRef90_UPI0003B31C0B UniRef90_C7QCW0 UniRef90_UPI00045E96C6	90 100 110 120  E R V C H K H C S L G I Q P Q Q Y A I V G E Y L I R A F R D V L G T A M T T E  E R V A E K H R A L D V R P E H Y G L V G E T L L E A V E E V L G D A A T P E  R E L G R D H R K Y G A Q P E H Y D V V W R C L I S A L K H Y A G A A W T P D  V K L G E R H L V K Y G A Q L E H F D T L K Q A L L K A L A E H L G E R F T P E
UniRef90_C3AJJ1 UniRef90_Q9Y0D5 UniRef90_A0A059ITZ4 UniRef90_W5KPG1	VKLGERHLVKYGAQIEHFDTLKQALLKALAEHLGERFTPE KQIAHKH RSLGIKAEHYPIVGKCLLQAIKEV AEAPQE VKLSQDHIEEFHVDPQYFMILSQTILDEV EKRNGGLSGE HDLGRSHA ALGVRPAHFEPMREALFEVLAGYLGGGWDAE LELGRKH YHYHSNPKYYMYLGLEFINVIKPILKDSWTSE KTLQEMHHKKLDVHRKHFESFVPFVVDAMVSVRMDMSKDE MQLGRGH RKYGTRSTHYPAVGECLMTALERFAPRTWGPE SRIGNKHA SLGITPDQYPIVGENLLATLKELGGSTLTDE SRIGNKHA SLGITPDQYPIVGSHLLATLKELGGSTLTDE PHV KQIAHKHNIKPEQYPIVGSHLLATLKEVLGDAATDE KAMVEKIAHRNVLPEQYPIVGKNLLIAIKEVLGDDAATPE AQLGKKHVSIEGFLPDYYDVYIRAIISIWKQELKDVYTNE GHVKQHKHRALQIMPEHYPIVGKNLLLAIKDVLGDDAATPE KSIGNKHV SLGITPDQYAIVGEHLIKAIATVLGDGLTPE KSIGNKHV SLGITPDQYAIVGEHLIASIKEVLGDDAATPE AQLGKKHVSIEGFLPDYYDVYIRAIISIWKQELKDVYTNE ERIAQKHV SLGITPDQYAIVGRHLIASIKEVLGDGSTTPE KSIGNKHV SLGITPDQYAIVGRHLIASIKEVLGDGSTTPE KSIGNKHV SLGITPDQYAIVGRHLIASIKEVLGDGSTTPE KSIGNKHV SLGITPDQYAIVGRHLIASIKEVLQESATAD FELGRNH YRYSAPPKYYEYVGVQFIISAVQPILKERWTPE GALGRDH RKFHVLPEQYFIIVGRCLIAALREACSTQWTIA
UniRef90_I2G909 UniRef90_UPI000370C764 UniRef90_W9YS10 UniRef90_UPI00047C7765	KTLQEMHHKKLDVHRKHFESFVPFVVDAMVSVRMDMSKDE MQLGRGH RKYGTRSTHYPAVGECLMTALERFAPRTWGPE SRIGNKHA SLGITPDQYPIVGENLLASIKEVLGDAVDQP AGAVERIAHKHTIQPEQYHIVGSHLLATLKELGGSTLTDE
UniRef90_UPI00034DE702 UniRef90_UPI000349F7EE UniRef90_G8BNV9	PHV KQIAHKHNIKPEQYPIVGKYLLIAIKEVLGDAATDE KAMVEKLAHRHNVLPEQYPIVGECLLQAIKEVLGDDAATDE GHVKQHKHRALQIMPEHYPIVGKNLLLALKDVLGDAATPE
UniRef90_T1F484 UniRef90_G2XJ88 UniRef90_G8X712 UniRef90_UPI0003C43914	A Q L G K K H V S I E G F L P D Y Y D V Y I R A I I S I W K Q E L K D V Y T N E E R I A Q K H V S L G I T P D Q Y A I V G E H L I K A I A T V L G D G L T P E K S I G N K H V S L N I T K E Q Y E I V G N H L I A S I K E V L Q E S A T A D F E L G R N H Y R Y S A P P K Y Y E Y V G V Q F I S A V Q P I L K E R W T P E G A L G R D H R K F H V L P E Q Y I T V G R C L I A A L R E A C S T Q W T I A K Q I G H K H R A L Q I K P E H Y P I V G E Y L L K A I K E V L G D A A T P E A A A Q V E R I A Q K H Q I L P E H Y P H V G N A L L G A I A H V L G E A A T E E
UniRef90_UPI0003AAB814 UniRef90_P39676 UniRef90_F4QUX0 UniRef90_D5D9L5	GALGRDH RKFHVLPEQYLTVGRCLIAALREACSTQWTLA KQLGHKH RALQIKPEHYPLVGEYLLKAIKEVLGDAATPE AAAVERLAQKHQILPEHYPHVGNALLGAIAHVLGEAATEE KQLAHKH RSIGVKAEHYPLVGEFLLKALKDVLKEAATDE
UniRef90_A5E720 UniRef90_W9ADN1 UniRef90_UPl0003484303 UniRef90_D5QHT9	G F V Q Q
UniRef90_W9H8K3 UniRef90_UPI000474967A UniRef90_UPI000255986B UniRef90_E9HNB1	ERIAEKHVG LNILPEHYPYVATALLGAIGHVLGDAATPEERIAQKHV ALSILPEHYPHVGAALLQAIRDVLGDAATEDERIAQKHV ALSILPEHYPHVGAALLQAIRDVLGDAATEDERIAAKHA SLGVRAVHYEIVRTHLEAAIAEVLGAAVTPQQDLGKKHLN YKVQKSHYETFGIALLSTFALILADDFTQEVDLANQHKQRGTTRA HFDNMATVLLGFLAATLGSAFTPE
UniRef90_N9VQK2 UniRef90_UPI0003A08B63 UniRef90_S1STT9	T GAVE RIA HKHMI QPQQYHIVGTHLL ATLKELGGE AVTD GHLLGADHR RFCGVDVEHYIWVG QALLATLKELGGE AVTD GHLLGADHR RFCGVDVEHYIWVG QALLATLA DFVGS EWTPRSRLGRGH RKFGTQSGHYPAVGECLLQALSHFAGPAWHPAMRIAHKH TSFNIQPSQYDIVGHHLIETLRELAPDAFTKDTRVAHKHV SLGIRAEHYPIVGKHLLASIRELLGEAAGDDPQVMQHKHRALQIKPEHYPIVGKHLLGAIKEVLGDAATDE
UniRef90_A6VRC9 UniRef90_Q7NSD8 UniRef90_A5WD83 UniRef90_UPI00042384CF	A
UniRef90_L0G369 UniRef90_UPI00046C2173 UniRef90_K1JTI7 UniRef90_E9FXJ5	NSI AHKHS SLSITPEMYPI VGETLLWAI KEVLGDAATPD HQVGASHRRIPGFKVEYFWKI EKPFLTAVETTLGDRYTEN KFI ASKHAT VGIRAEHYPI VGRHLLASI REVLGEAASDE NSLGGAH QARGATPI MFEQFGEI LTGVLAEELGSAFNAE
UniRef90_B3R7W2 UniRef90_UPI00034B10F6 UniRef90_UPI00036BAAFB UniRef90_Q5HR68	GPVVERIVHKHGITPAHYPIVGRHLLGAISAVLGEAATPPPAIMPVYKHLQVKPEHYPIVGENLIWAIEEVTGLKDEDPAQLGRDH RFRVLRHHYKLVGDALLETLRRCLGLDWTTEMPVAHKHC
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UniRef90_B6BLR1 UniRef90_E3BJN9 UniRef90_U1LJZ1	KAI EKMVSTHKNVQPEHYPI VGISI LEAI KKVLGDAVTLE ERI AHKH TSFNI QPDHYQI VGHHLI ETLRELATEQFTQQ LRI NHKHV SLGI LPEQYALVGQHLI ATLKAEFSEQFTDE
UniRef90_UPI00035D1F22 UniRef90_P02240 UniRef90_S9X8F9 UniRef90_B7QI99	E R I S Q K H V G L S I K P E H Y P Y V A T A L L G A I G D V L G D K A T Q P K N L G S V H V S K G V A D A H F P V V K E A I L K T L K E V V G A K W S E E E F I D Q L I V K H L Q I K A E H Y P L V G Q C L L A T M R E M L G E D V T P E E L I K K N L R N H V R V T P E H F V N I N N L L I E V M Q V K L R S R M T A S
UniRef90_N4WZP8 UniRef90_U4UEU2 UniRef90_H3KC31 UniRef90_UPI00047789D8	E HI A K A H V N T R V I A E Q Y P V I G E C L L A A M K D V L G E A A T P E K Y L G S V H L Q K G V I D A H F A V V K E G V L R T V E K G V G E K W S E E K A I E K M V S T H K N V Q P E H Y P I V G I S I L E A I K K V L G D A V T L E E R I A H K H T S F N I Q P D H Y Q I V G H H L I E T L R E L A T E Q F T Q Q L R I N H K H V S L G I L P E Q Y A I V G Q H L I A T L K A E F S E Q F T D E E R I S Q K H V G L S I K P E H Y P Y V A T A L L G A I G D V L G D K A T Q P K N L G S V H V S K G V A D A H F P V V K E A I L K T I K E V V G A K W S E E E F I D Q I I V K H L Q I K A E H Y P I V G Q C L L A T M R E M L G E D V T P E E L I K K N L R S R M T A S K Q I A H K H R S L N I Q P E H Y P I V G Q C L L A T M R E M L G D A A T D D Q I L T K T G S S H V P R H V T A D A F I H L K E V T I E L F S T I F K A D E H I A G K H V S V G L R A E H Y P I V G R H L L A S I Q E V L G D A A T P E R H L G R G H R K Y G T M P G H Y P A V G E A L V G A L A R F A T L S W G P E Q Q I V T K H V G K G V T D A H F V V V K E A L L K T V K E A T G A K W S D E N L G R K H A N Y G V K P E H Y P I V G T C L L N T M E N M L G E L A T P E A N L G R K H A N Y G V K P E F I S D I E E P F L A S V K Q L L E D R Y S E K A K L S R R R K Q T K P A P K N L P L A A H R C H Q L N I A S K G T E H Y G T N R G L G A R H V Q Y G A L P E H Y P L V G A A L L W S L G R Q L A G F W N D D S K L S R R R K Q T K P A P K N L P L A A H R C H Q L N I A S K G T E H Y G T N R G L G A R H V Q Y G A L P E H Y P L V G A A L L Q T F E Q Y L G D D W K P A C L G A R H V D L Q G A L L Q T F E Q Y L G D D W K P A C L G A R H V D L Q T F E Q Y L G D D W K P A C L G A R H V D L Q T F E Q Y L G D D W K P A C L G A R H V D L Q T F E Q Y L G D D W K P A C L G A R H V D L Q T F E Q Y L G D D W K P A C L G A R H V D L Q T F E Q Y L G D D W K P A C L G A R H V D L Q T F E Q Y L G D D W K P A C L G A R L Q T F E Q Y L G D D W K P A C L G A R L Q T F E Q Y L G D D W K P A C L G A R L Q T F E Q Y L G D D W K P A C L G A R L Q T F E Q Y L G D D W K P A C L G A R L Q T F E Q Y L G D D W K P A C
UniRef90_A0A024YR31 UniRef90_A5DQY8 UniRef90_Q2PP42 UniRef90_UPI0001CB9E5C	CRLGTGH RKYGTMPGHYPAVGEALVGALARFATLSWGPEQQIVTKHVG LQVKPEHYPIVGTCLLNTMENMLGELATPEANLGPVHVQK GVTDAHFVVVVKEALLKTVKEATGAKWSDENLLGRKHAN YGVKPEFISDIEEPFLASVKQLLEDRYSEK
UniRef90_B3QH91 UniRef90_R0JHX0 UniRef90_UPI000345A7DE UniRef90_H3A474	AKLAVDHVR YGVRPDHYAPVGEALLWSLGRQLAGFWNDDSKLSRRKQTKPAPKNLPLAAHRCHQLNIASKGTEHYGTNRGLGARHV QYGALPEHYPLVGAALLQTFEQYLGDDWKPALELGKSH YRYNAPPKYYQYVGIEFVCAVQPILKERWTPEERIAQKH TGFLIQPEQYALVGGHLLATLQELGGEAVTEE
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UniRef90_W9C2H0 UniRef90_Q9M630 UniRef90_K7SC23	A E V G K F H A K K K V T K K A H N E V R S V L V D L L I E V C K L S D E A P I V N K H V A L N L Q P D K Y P I V G E C L ME A I G R V L G D A V I P E T H L G R G H R K Y G T L P E H Y P A V G E A L L G A L A R H A P Q S W G P R S D A V E R I C Q K H F I K P E H Y P I V G K Y L L E A M G D V L G A A L K P E Q K L A A T H V N A G V T D D Q F E L V K E A I L Y A I E M G V P D L W S P E E R I A Q K H V S L E I L P E H Y P H V A T A L I G A I Q H V L G N A A T P E S R I G H K H A S L G I T P E Q Y P I V G E G L L A A I K T V L G P A A N D Q E R L A Q K H V G Y H I L P E H Y P V V A E A L L G A I S E V L G E A A T P A Y D T G K A H L R H N T K P E H Y P I V G E N I I A T L D E M F N P F
UniRef90_E9EFU4 UniRef90_D7A7Q2 UniRef90_F2Q9W7 UniRef90_B4EZV6	ERLAQKHVG YHLLPEHYPVVAEALLGAISEVLGEAATPA YDTGKAHLR HNTKPEHFDDLEVVMMKSLKAVLGLKFTES PKIAQKHA SLNILPEHYPLVGENLLATIDE MFNPE
UniRef90_K6WGP8 UniRef90_UPI000472638D UniRef90_P10816 UniRef90_UPI000372B9EC	PKIAQKHA SLNILPEHYPIVGENLLATIDE MFNPEHALGKRHA SLOVTRPMYNAVAECMIAAMSEIGGESWTPAERIAEKHVG LNIRPEHYPYVGRALLGAIAHVLGDAATPDASLGSVHVQKGVLDP HFVVVKEALLKTLKEAGGATWSDEPVVERLAQKHHILAEHYPFVAEALLGAIKDVLGEAATDE
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UniRef90_F2RD86 UniRef90_D7G3H0 UniRef90_A8QDR7 UniRef90_UPI0003B480DF	ENLGRGH RKYGTHSTHYPAVGEALIGALARYATTSWDAE PDLLQLGLRHYKVRKEHFPVVGEALIATLGLVLQNEFTDE ELIGRYHAHKKYFKPELFWVMEEPFLHSVKLILGERYTDN KHIAHKH RSIGVLPEHYPLVGQNLLLAMRDVLQDKLTEP



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UniRef90_UPI00047AB5C2 UniRef90_UPI00047B5821	FTDEELDLIRTSWGQVMKLGTEVGLQIFTRLLNDAPKLRLSAE RIIRESWATLVPMRALAAQLFYTRLFEIDPSAKMLTSSTLEIVKSTVPVLAEHGHSITRVFYQRLFEHHPEMK
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UniRef90_G1LAM5	E H Q T A F A L  Q L  F D  L  E P D  L L
UniRef90_S9Y1Y6 UniRef90_UPI00036D3387	L LPLFQYN <mark>C</mark> K QL L <u>E</u> N SLML <u>V</u> DLP D D GLT VR F Y ELLFD <u>R</u> Y P A <u>V</u> R
UniRef90_Q6WKX2 UniRef90_I7EH20	F S E E Q E A L V V K S W G V M K K D A G Q L G V K F F A K I F E II A P S A K M V S A D D R T L I H R S V E S E R M E L D H F V P L F Y T K F F E T C P D V R
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UniRef90_M1VB93 UniRef90_Q64372	IL L I VIY P WT Q
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UniRef90_V5YLS0 UniRef90_UPI00037F7647	LDERQVALIKKSWELVFARPLDSGEKILYAYLEKFPHNQ
UniRef90_P41262	LT GPQKAALKSSWSRFMDNAVTNGTNFYMDLFKAYPDTL
UniRef90_UPI000349B039 UniRef90_A4BR57	LTGPQKAALKSSWSRFMDNAVTNGTNFYMDLFKAYPDTL EALERSLERVKPWGDEFAVSFYDNLFCYPEVK MISAQEIEVIKSTAPLLATHGKDITGRFYQLLFEQNPEL LTSQQLDIIKATVPVLEQHGLALTTTFYKNMLDEHKEL
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UniRef90_M7BGH7	VGRRVYTYGTLALMRLFDLDPDLL
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UniRef90_C3Y097 UniRef90_UPI0003B5A03D	I IT OKOKEILLIKS WKGIVIA ROILIS OCGKT MILLIRII IEKD D POILIM
UniRef90_U2LY68 UniRef90_L8EER3	QLVKATIPVLREHGVALTTHFYQRMFQHNPELL MLDSQTIATVKSTIPLLAETGPKLTAHFYDRMFAHNPELK AADQRVITEYLELVTPFGELITHLYETMFRRWPYLR LSDEHADMIRATLPLVGANLDSITKTFYTRMFGAQPSLL
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UniRef90_V9VRQ9 UniRef90_UPI0002F71C19	LSQTTIDTVKATVPALAQHGREIVAEMYDRIL ADPEIR MTDEDKDLIRKSIENEKMDLDAFVPAFYAKFFSACPDIR VFTEKQEALVNSSWEAFKKNIPHLSILFYTLILEKVPESK SAEDLVLVRASLAAVAPEADRAMAHFHALMFLRHPELR
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UniRef90_K8GH78	MIVIS QKIII IEII VIKAI APII LIKERGEEII II QRMYQII IAFEQRPDYK
UniRef90_C7FFV7 UniRef90_Q9U1K3	S S E Q K A A I K T S W A G A N L Q A A G T G F Y V H L A A D A P A A M N S D E V Q L I K K T W E I P V A T P T D S G A A I L T Q F F N R F P S N L
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UniRef90_I3SPJ6	FTQRQEALVNSSWEAFNQNLPFYSVLFYTFILEKTPAAK
UniRef90_K9AG72 UniRef90_Q66L25	DEITSVFYPSMFEAHPELL LSADEKSAINAVWSKV NIENDGHDALTRLLVVFPWTQ
UniRef90_P93848	LSADEKSAINAVWSKV NIENDGHDALTRILVVFPWTQ FTLRQEALVNSSWEAFNQNLPLFSVLFYTFILEKAPIAK LSPSTLSIIKATSPVVAEHGYTITSTMYGTMLTSDPAIS
UniRef90_T0QD73	ILIS PSILISII IKA ISPIV VIA EHGYIII ISI MYGI MILI SDPAII IS

	50 60 70 90
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UniRef90_D1LX80	S Q F G Y M S G V  A D G D M L  E N H G V  K  V  M D R  I  N E W M G N  L  T N  L V  K Q  L
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UniRef90_M2X8F4	E   I   F P A   V   M E M Q A D R   L   E A   I   A Y   V V   E N   L   D D M D K   V   Q S F   L
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UniRef90_X7F9A6	PLFP QKMAAQYEKFTDTLVFVVRHLARRATVL
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UniRef90_J2L084	A   L   F N Q A N H G E N G S Q   V   H A   L   A A A   I V   G Y A Q N   I   D N   L   A P   L L
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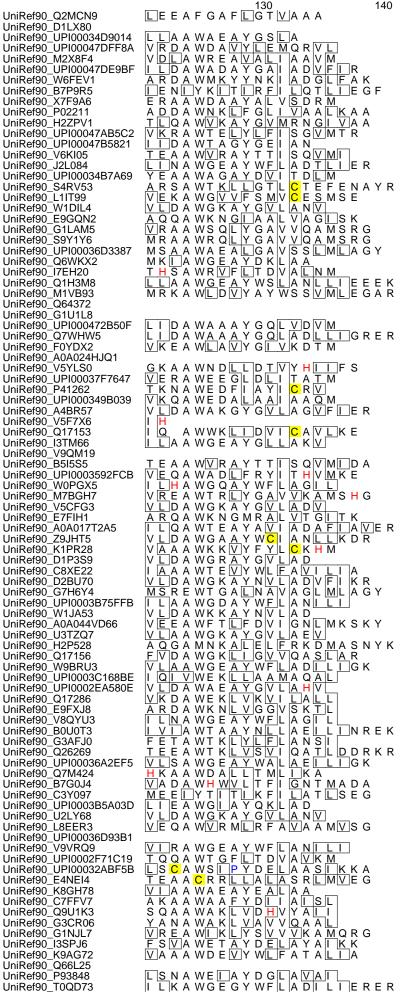
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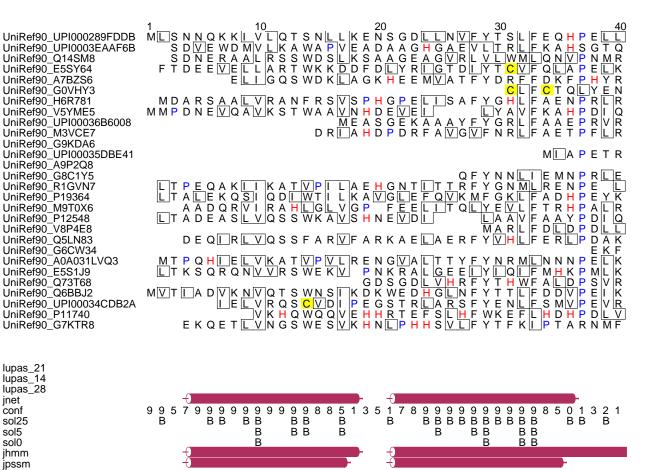
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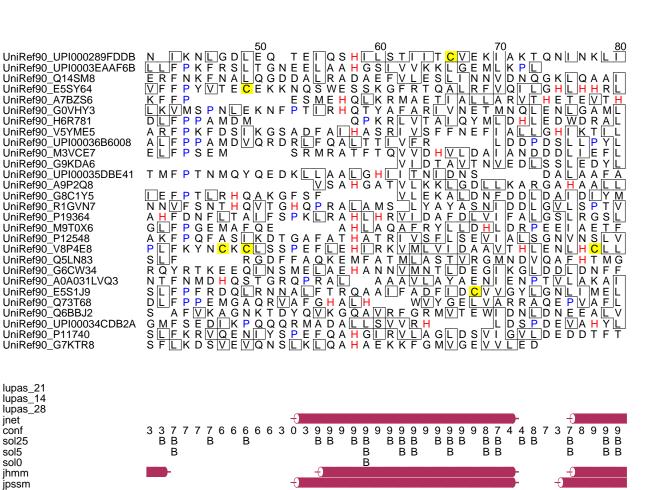
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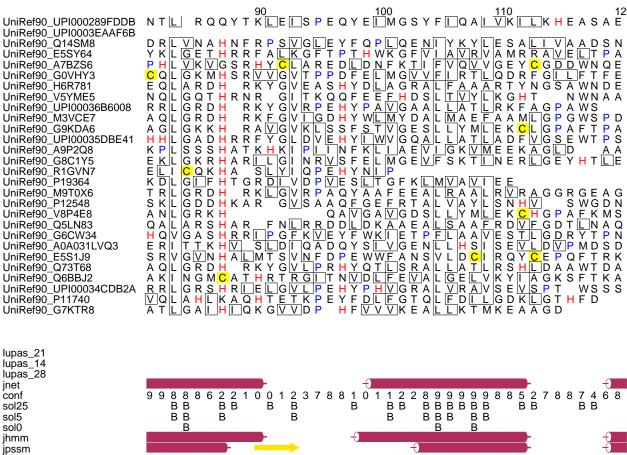
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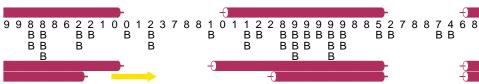
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