QUERY	1
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UniRef90_A0A034WKZ2 UniRef90_I1C1Y9 UniRef90_G3XTN4	A A K I Y I L E V V K Q H N K P E D L WL I I I E G K V Y D V I K F R N E H P G G S V K L Y S F E E V S K H N S R E D L WMI I I D G K V Y D II T K F Q D E H P G G
UniRef90_A8X389 UniRef90_B8NK75	TFTLEQVQKHNTADDLWIVLYNKVYNITKYLEDHPGG LRIITAEEVAQHSDEDSCWIILHGKVYDVTKFLEEHPGG LPEYTAAEVASHNRKDDLWIIVHNKVFDITNYLQDHPGG KVFTLSEVSQHSSAKDCWIVIDGKVYDVTKFLDDHPGG
UniRef90_Q9ZWT2 UniRef90_UPI00034F88C4 UniRef90_Q58E98	K
UniRef90_G3WMN8 UniRef90_M0S7P8 UniRef90_W9S5V6	Y Y R L Q E V A K H N S E K D M W M V I H E R V Y D V T P F L G E H P G G K L Y S M R E A A E H N T R D D C W V V I H G K V Y D V T S Y L D E H P G G K V F T L A E V S D H N T S K D C W L I I S G K V Y D V T K F L E D H P G G
UniRef90_UPI00032A5E22 UniRef90_F6Z6J6 UniRef90_C8V6G9	STKTFTFEDI AKHNNKQDCWI I VNGKVYDVTSFLDDHPGG SVTYYRLEEVAKRNSEKETWL VI HGRVYDI TRFLDEHPGG LPQYTSQEVAAHKSRNDLWL I INGKVYDVTEYVRDHPGG
UniRef90_S2KI81 UniRef90_C4Y0L8 UniRef90_M9MGJ5	I Y S L D D V S K H N T K D D L WMT I H N K V Y N I T E F V L E H P G G L K V Y T L D E V K K H N T T D D L WI V Y N G Q V Y D V T P Y L D E H P G G L K E I S K A E L A K H N T K E D L W F I I H N K V Y D V T K Y Q T E H P G G
UniRef90_Q6FLF4 UniRef90_D8RNK1 UniRef90_A9NST8	KVYTYKQVSEHNKEGDCWIIIDGSVYDVSKFLDEHPGG LYTLEDVLKHSTRDDCWIVVDGKVYDVTKFLLDHPGG TKVYRLEDVSKHNTHQDCWLVIDGKVYDVTKFLEDHPGG
UniRef90_A8WGS0 UniRef90_S2J8X7	TKVYRLEDVSKHNTHQDCWLVIDGKVYDVTKFLEDHPGGGVKYYRLSEVEERNSFKSTWLIIHNKVYDVTKFLEEHPGGSAQIFSYEEVSKHNTRNDLYMIIDKKVYDLTKFLDEHPGGKTYSIEEVSKHNKKDDCWLIVNNKVYDMTEYLLYHPGG
UniRef90_Q54XV1 UniRef90_G9P740 UniRef90_U5ESD2	KTYSIEEVSKHNKKDDCWIIVNNKVYDMTEYLLYHPGG GLKTVSVRDVQEHNQPDDIWMVIHNKVYNVTNYLEDHPGG YTIAEVAKHNKSNDCWLIIHDKVYDVTKFMEEHPGG
UniRef90_W5GUN5 UniRef90_UPI00021A6C11 UniRef90_B9RJB1	KVYSFQEVRKHSQRKDCWLIISGKVYDVTPFMEEHPGG TKFYTREEVAKHNKSKDLWFIIHNKVYNVSQFRNHPGG SSKTVSMAEVKKHNSADSCWIIVHGHVYDCTRFLKDHPGG
UniRef90_T1J559 UniRef90_I1HN08 UniRef90_F6SST4	P
UniRef90_U5ETY5 UniRef90_S8F7T0 UniRef90_UPI00042B734E	VKLFSLADI AKHNSNKSTFI VI HNSVYDVTEFL NEHPGG RAIAMEEVKKHNSEKDI W <mark>C</mark> I I HGVVYDL TPL LHKHPGG KMHTFEEVSKHNKTKD CWLI I SGKVYDVTPFMDDHPGG
UniRef90_A0A022RQ40 UniRef90_UPI000359C2F9	T K T T M K E A S E H N T A E D C WV V I D G K V Y D V S A Y T D E H P G G K E F R L S E V K A H N D A K S T Y L V I H N K V Y D V T R F L E E H P G G S T K L Y T R A E V A N H V E S D K L W L I I N N K V Y D V T D F Y R E H P G G
UniRef90_UPI000258F738 UniRef90_A0A023GCB0 UniRef90_A7TNA5	KIVIY T Y Q FILIA F H N T T F S C WILV LID G KIVIY D T T K FILID F H P G G
UniRef90_A0A010RW11 UniRef90_UPI0002658C91 UniRef90_M5XK17	PEFTAKEVAAHREANDCWMVIHGEVYDVSKYLHDHPGG TYSLEDVAKHNEKSSCWLVIHEGIYDVTKFMEEHPGG TKLFTMQEVSKQNSKDNCWVVIDGKVYDLTLYLDDHPGG
UniRef90_W3X0M4 UniRef90_E6R556 UniRef90_F0ZCK5	MPTIISLIA QVA EHN KPD DIVWEIV VIHN KIVIY DIVIT KYLLEEH PGG SKKEYTREEVA KHNTEKD CWVVI GGQVLDVT NFLEDH PGG
UniRef90_R7Q9D4 UniRef90_I1CRH3 UniRef90_W6QMR0	VKTYTKEEVQEHNSEESAWIIVDGKVYDATPYLDHPGG LKVFTRDEVAKHNTENDCWIIIDGAVYNVTTFAQLHPGG SLKQFEASEVAAHNTKNDLFVIIHGKVYDITDYVRDHPGG VKYLTLEDVKCHNSCTSTWLVIHDKVYDVTKFLDEHPGG LKYYTLEEVSRHNKATDCWLILYDKVYDVTSFVNDHPGG SQKVYTLADVKVHTNDKSCWLVVHGKVYDVTAFLEEHPGG LSVITREELARHNSKTDCWLAVKGQVYDVTPYLQEHPGG
UniRef90_V9L5R9 UniRef90_X6NX61 UniRef90_D8U7A2	VKYLTLEDVKCHNSCTSTWLVIHDKVYDVTKFLDEHPGG LKYYTLEEVSRHNKATDCWLILYDKVYDVTSFVNDHPGG SQKVYTLADVKVHTNDKSCWLVVHGKVYDVTAFLEEHPGG
UniRef90_G9DR03 UniRef90_A0NHD3 UniRef90_E4XG21	LSVITREELARHNSKTDCWLAVKGQVYDVTPYLQEHPGG LQQYSLAQVAEHNKPNDVWMVIHDKVYDVTKFLAEHPGG KVFSLEEVGKHNTGKDCWMIIHNKVYDVTKFLSEHPGG SLPTYTAAEVATHATADSLWMVIDDGVYDLTKFLSEHPGG ATKTYTYQDVAEHNTKKDLFMVIHDKVYDATKFVDEHPGG
UniRef90_Q013W0 UniRef90_J3NHY1	SLPTYTAAEVATHATADSLWMVIDDGVYDLTKFASFHPGG ATKTYTYQDVAEHNTKKDLFMVIHDKVYDATKFVDEHPGG
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UniRef90_K4BUQ1 UniRef90_W9XD64 UniRef90_G8IRI3	KXYPLEEVAKHTTKEDCWFVYDGKVFDSTSFMDDHPGG
UniRef90_W9SDR1 UniRef90_G1TIP6 UniRef90_C4JVA5	KVYTLAEVSQHNNREKCLLVIHGKVYDVTKFLEDHPGG SITYYWLEDVVKCYSPKDLWLVIHGRVYNITRFLNEHPGG RTFTLRDVARHKTKDDVWLALHGKVYDVTKFLDEHPGG TKLYSMKEAALHNTPDDCWIVVDGKIYDVTAYLDDHPGG
UniRef90_F2EJC4 UniRef90_F4WM01 UniRef90_Q0TVF6	T K L Y S M K E A A L H N T P D D C WI V V D G K I Y D V T A Y L D D H P G G L R I I N L A E V A W H D T P D D C W L V I Y D Y V Y D C T E F L N N H P G G V Y S L E E V G K H T S K T D L W V V V W N H V Y D V T K Y Q E D H P G G G L K Q M T L K E I S D H N T N K S A W L V I G N K V Y D V T K F L D E H P G G
UniRef90_A8X507 UniRef90_M2Y577 UniRef90_A0A017S5C3	GLKQMTLKEISDHNTNKSAWLVIGNKVYDVTKFLDEHPGG LKQHPLVEVAKHNTKKDAWIVIDGKIYDVTQFLDEHPGG AMRLISTQEVARHNTPGDCWVVIDDQIWDVTSFFPHHPGG MPEYTLADVAAHNKREDLWIVIHGKVYDVSKYVRDHPGG
UniRef90_G9P5Z0 UniRef90_S4R494	MPEYTLADVAAHNKREDLWIVIHGKVYDVSKYVRDHPGG LPLYRRADVKLHNTASGTWCVLHDSVYDVSSFLDQHPGG
UniRef90_U6LJI7 UniRef90_A0A058Z979 UniRef90_S8EF61	LPLYRRADVKLHNTASGTWLILHDSVYDVSSFLDQHPGGLPEFSWEEIQKHTDAQSCWCVFYGLVYDLTKFLKLHPGGSLPTYSREEIAMHNSADDCWIIEGRVYDVTAFLNDHPGGKVITYEELKKNNKKDSLYILIHQKVYNVSKFIDEHPGGVLTMAEVQKRATDKDCLMVIDNRVYDITKFLDEHPGG
UniRef90_I3S4K4 UniRef90_G4NI87 UniRef90_C5DGY5	V LII MA EVIQKRA I DKDCI MV I DNRVY DII I KFILDE HPGG
UniRef90_A0A058Z5X9 UniRef90_P36841 UniRef90_M4BEL9	STKTLTMAEVAKHNTESDCYLVINGNAYDVTKFLDNHPGG RQYTMEEVAAHNTEESCWFVHGGKVYDATPYLDEHPGG LPEFTLEDVKPHNTAEDCWMVIRFKVYDVTRFIIDDHPGG
UniRef90_D3B216 UniRef90_L9JAL3	EYSLKDVASHKSANDAWMVIHGQVYDVIKYIHDHPGG KLYSYKEIAEHNTENDLWMIIDGKVYDCTKFMDEHPGG STKTLTMAEVAKHNTESDCYLVINGNAYDVTKFLDNHPGG RQYTMEEVAAHNTESSCWFVHGGKVYDATPYLDEHPGG LPEFTLEDVKPHNTAEDCWMVIREKVYDVTRFLDDHPGG YTLEEVAQHNKRDDLWMVIDGKVYNCTEFVDEHPGG SVTYYRLEEVAKHNSSKEIWLVTHGHVYQITHFLSELPGG EIEAATVAEHNKPGDCWIIVHGKVYDVTRYSQDHPGG KEFSLEEIAKHNKKEDLWVVTUDKIVNVSSEVDEHPGG
UniRef90_E9EBJ1 UniRef90_F0XN02 UniRef90_C5GGS3	
UniRef90_F1A272	SEKTŸTKEEVAKH <mark>C</mark> SLDDLWIVYNDDVFDVTKFV <u>V</u> EHPGG

	50 60 70 80
QUERY UniRef90_B5FYJ7	E E V L R E Q A G G D A T E D F E D V G H S T D A R E L S K T F I I G E L H P D E E V L L E Q A G R D A T E S F E D V G H S T D A R E M L K Q Y Y I G E V H P S
UniRef90_R0GMW8 UniRef90_B4H8J7	E E V L L E Q A G R D A T E S F E D V G H S T D A R E M L K Q Y Y I G E V H P S D D V L L A V T G K D A T D D F E D A G H S K D A R E L M E K Y F I G E L D E S E E V L I E Q A G K D A T E N F E D V G H S N D A R E M M T K Y K I G D L E V D E S E T L D E V G G R D A T R D F Q D V G H S Q E A K E M L K K Y Y I G D L E V D E V L I D E G A K D A T G P F E D V G H T D D A R K L L E Q Y Y I G D V D P A K E I L I E V A G T D A T E A F E E I G H S D E A R E Q L E P Y F V G D L P S E A E V I T Q L A G L D S T T E F D D V G H S K D A M E M A K E Y L I G Q L P E S A E I L I E T A G T D A T E A F E D V G H S E D S V E I M E E F L I G T L K G D E V I T S T G K D A T D D F E D V G H S S T A K A M L D E Y Y V G D L H P D D S V L F E Q A G A D A T E S F E D V G H S D S A R E M L K Q Y Y I G E V H P S D D V L V E Q A G G D A T E S F E D V A H S M D A K D M L K Q Y Y I G E V H P S D D V L L S A A G R D S T E D F E D A G H S K S A R E L M Q D Y Y I G E L D P D D E V L V E Q A G R D A T D F E D V G H S D S A R E M M K E F Y V G E I D A T D E S L L S A T G K D A T D D F E D V G H S D S A R E M M K Y F I G Y V D T S G E V L M E Q A G R D A T E S F D D V G H S D S A R E M M K Y F I G Y V D T S G E V L M E Q A G R D A T E S F D D V G H S D S A R E M M K Y F I G Y V D T S G E V L M E Q A G R D A T E S F D D V G H S D S A R M M K Y F I G Y V D T S G E V L M E Q A G R D A T E S F D D V G H S D S A R M M K Y F I G Y V D T S G E V L M E Q A G R D A T E S F D D V G H S D D A K E M L K Q Y Y L I G T L K
UniRef90_A0A034WKZ2 UniRef90_I1C1Y9	E E TL D E VG G R D A T R D F Q D V G H S Q E A K E M L K K Y Y I G D L E V D E E V L I D E G A K D A T G P F E D V G H T D D A R K L L E Q Y Y I G D V D P A
UniRef90_G3XTN4	KEILIEVAGT DATEAFEEI GHSDEAREQLE PYFVGDL PSE
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UniRef90_Q9ZWT2 UniRef90_UPI00034F88C4	DEVILTSTGKDATDDFEDVGHSSTAKAMLDEYYVGDIDTA ADSLLEVAGKDGTQAFEDVGHSDDARELLKKYKIGTLPPG
UniRef90_Q58E98 UniRef90_G3WMN8	E E V L F E Q A G A D A T E S F E D V G H S I D A R E M L K Q Y Y I G D L H P D D E V L V I E Q A G G D A T E S F E D V A H S M D A K D M L K Q Y Y I G E V H P S
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UniRef90_F6Z6J6 UniRef90_C8V6G9	GEVLMEQAGRDATESFDDVGHSSDAKEMLKQYYVGEVHPV ADVLIDTAGKDATEAYEDVGHSEDADEILQTYLIGTLK EEVLLDEAGKDATEAFEDIGHSDEAREILEKYLVGTLDEA
UniRef90_S2KI81 UniRef90_C4Y0L8	E E V L L D E A G K D A T E A F E D I G H S D E A R E I L E K Y L V G T L D E A <u>E</u> E V I <u>V</u> D <mark>C</mark> A G T D A T E A F N D L G H S D D A H D L L K G L L I G K L E G
UniRef90_M9MGJ5 UniRef90_Q6FLF4	I E V L M Q F A A D D A S E M F E A T G H S D E A R K K L D K L I V G Q L P S E D E I I F E H R G T D A T G D F V D I G H S D D A L K L L K T L K I G E V D P N
UniRef90_D8RNK1 UniRef90_A9NST8	DEVIIASTGKDATDDFENVGHSNSARAMMKEYVIGR DEVLISATGKDATDDFEDVGHSSSARAMMDEYYVGDIDPS
UniRef90_A8WGS0	E E V L RE Q A G G D A T E S F E D V G H S T D A R E M A S S M L I G E V H P D
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UniRef90_G9P740 UniRef90_U5ESD2	VDI L VGEAGKDAT QVFEDVGHSDEARELLEDLL VGEI QVS AEVLEEQAGKECSTEFDDVGHSTDAKELMEKYYI GDI VEA
UniRef90_W5GUN5 UniRef90_UPI00021A6C11	D
UniRef90_B9RJB1 UniRef90_T1J559	E E V L L D E A G K D A T E A F E D I G H S D E A R E I L E K Y L V G T L D E G E E V L V D C A G T D A T E A F E D I G H S D D A A H D L L K G L L P D P N D E A G T D A T E A F E D I G H S D D A A H D L L K G L L V D P P N D E Y L M Q F A A D D A S E M F E A F E D I G H S D D A A K K K L L K T L K I G G E V D P P N D E Y L M Q F A A D D A S E M F E D T G H S D D A A K K L L K T L K I G G E V D P P D D E V L M Q F A D D A S E M F E D V G H S N S A R A M M K E Y Y V Q G D V D P D D E V I I A S T G K D A T D D F E D V G H S N S A R A M M K E Y Y V Q G C D V D P D T S E E V L R E Q A G G D A T E S F E D V G H S T D A R E M L E K Y Y I Q G C D V D P P N L L F K C A G R D A T D D F E D V G H S N S A R A M M K K Y Y V Q G C D I V D A A E V L L L E E Q A G K D A T D D F E D V G H S N D A A K E L M P Q Y C I G G E L V D D A A E V L L L E C Q G G K E C S T D E D V G H S N D A A K E L M P Q Y C I G G E L V D D D E D I L L F K C A G K D A T D D F E D V G H S D D A A K E L M P Q Y C I G G E L V D D D D E D I L L E C Q G G K E C S T D E D V G H S D D A A K E L M P Q Y C I G G E L V D D E D E A C T D A C T D D T E D D V G H S D D A A K E L M P Q Y C I G G E L V D D D D T E D D V G H S D D A A K E L M P Q Y C I G G E L V D D D D T E D D V G H S D D A A K E L M P Q Y C I G G E L V D D D D T E D D V G H S D D A A K E L M P Q Y C I G G E L V D D D D T E D D V G H S D D A A K E L M P Q Y C I G G E L V D D D D T D T T T T T T T T T T T T T
UniRef90_I1HN08 UniRef90_F6SST4	D D V L L S S T A K D A T D D F E D V G H S T T A R A M D E Y Y V G D V D E E V L L E Q A G Q D A T E S F E D V G H S S D A R E M Q K D Y Y I G E L H P D
UniRef90_U5ETY5	EEVLLE QAGKEATEAFEDVGHSSDAREMMKKFKVGELLES
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UniRef90_UPI000258F738 UniRef90_A0A023GCB0	E E   V
UniRef90_A7TNA5 UniRef90_A0A010RW11	DEI I LDLAGQDATESFEDIGHSDEALKI LKKLYI GDLDKT ADVLVEAAGVDASEAFDNAGHSEDAYEI MADFKVGKLKG
UniRef90_UPI0002658C91 UniRef90_M5XK17	A D V L V E A A G V D A S E A F D N A G H S E D A Y E I M A D F K V G K L K G E E V L L E Q G G R E S T E V F E D V G H S T D A R E L M A K Y K I G E L C D E D D V V L A A A G R D A T E D F E D A G H S N I A K D L M G A F C I G E L D V D
UniRef90_W3X0M4 UniRef90_E6R556	SVÍ L QEVA GK DAT QEFEDVGHS DEAN EHLEGLYI GDL VKAI L LYAGRDATEEFDMI HPPNAIIAKYAPDTVI GTI KG
UniRef90_E0K330 UniRef90_F0ZCK5	PKLLEKH GGKDATEDFEGMFHSRNAKALLEKFWI GKV
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UniRef90_W6QMR0 UniRef90_V9L5R9	A DL L VDVA G T D A T VA F E D V G H S E D A S E L L D T Y L V G N I K D A E E V L F E Q A G G D A T E S F E D V G H S S D A R E ML T Q Y C I A E L D P A
UniRef90_X6NX61 UniRef90_D8U7A2	<u>V</u> NL
UniRef90_G9DR03 UniRef90_A0NHD3	VA AI V M N A G K D A T E D F E A I   H S K R A WA M L D E Y L V G T L E E V L I E F A G K E A T A D F D D V G H S T D A K E Q M K Q F L V G E I L E A
UniRef90_E4XG21 UniRef90_Q013W0	E E I L L E C A G V D A T E G F E D V G H S A D A R E L L T D Y L L G D L R E E A S E I V A G A G G D A T E A E Y A I H R S E I L E K T A K K Y K I G T I V G G
UniRef90_J3NHY1 UniRef90_Q7XCR6	E E V M L D V A G Q D A T E A F E D V G H S D E A R E T L S S L L V G D L D P S
UniRef90_V4VXA4	DEVLLAATEK DAT DDFE DVGHS DS AREMME KYHI GELDAS
UniRef90_G4TQ19 UniRef90_K4BUQ1	EEVLIESAGKDATKEFEDIGHSKAAKNYLLKYQIGNLQG
UniRef90_W9XD64 UniRef90_G8IRI3	A D SI L L T A G E D A T E E F D S L H S E K A R K M L D N Y Y I G D L A S E
UniRef90_W9SDR1 UniRef90_G1TIP6	E V L   E G A G G D A T E S F E D V   G H S K S D A R E ML T Q Y G   G H L H P D D
UniRef90_C4JVA5 UniRef90_F2EJC4	E D V   L  D K A G Q D A S A E F D D V G H S D E A R E A  L  E P L L V  G T  L  E Q Q A D V L L  A  V T G M D G T E E F E D A G H S K D A K E  L  M K D Y F   I   G E  L D  L   D
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UniRef90_G9P520 UniRef90_S4R494	EEVLLE QAGG DG TESFED VGHSRDARELLP QYLVGHLHPD
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UniRef90_A0A058Z5X9 UniRef90_P36841	QEILIVELAGT DAT DAFADI GHSEE AQQDLENYLVGPV AESILIVAGADAT DEFNSI HSSKAKAMI AQYYI GDI VAS
UniRef90_M4BEL9 UniRef90_D3B216	PETMVDVAGQDATDEFEDLIGHSNDARSQLKKFELIGKLKGD
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UniRef90_E9EBJ1 UniRef90_F0XN02	PQAI MN F M G R D A S E E F E M L H D D E V I P K Y A P D Q V I G R I V Q G V
UniRef90_C5GGS3 UniRef90_F1A272	E E   V L L   D   V   G G Q D A I E A F E D   V   G H S D E A R E   L L E G   L I   G K   K P G E E   V L K G N G G K D A T Q E F D D   V   G H S A S A   A K M E A   L   R   I   G R I   A G A

QUERY	DRSKI
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UniRef90_A8X389 UniRef90_B8NK75	EIPEV
UniRef90_Q9ZWT2	T V P
UniRef90_UPI00034F88C4	ERCKI
UniRef90_Q58E98 UniRef90_G3WMN8	D D R K E
UniRef90_M0S7P8	T
UniRef90_W9S5V6 UniRef90_UPI00032A5E22	T I P K
UniRef90_F6Z6J6	RDAKL
UniRef90_C8V6G9	-
UniRef90_S2KI81 UniRef90 C4Y0L8	S Q
UniRef90_M9MGJ5	DRE SER <u>VV</u>
UniRef90_Q6FLF4 UniRef90_D8RNK1	SERVV
UniRef90_D8RNK1 UniRef90_A9NST8	TPSK
UniRef90_A8WGS0	DRDKI
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UniRef90_G9P740	DR
UniRef90_U5ESD2	ERKK
UniRef90_W5GUN5 UniRef90_UPI00021A6C11	T P A K L E R T Q
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UniRef90_D607A2 UniRef90_G9DR03	DSA
UniRef90_A0NHD3	ERKK
UniRef90_E4XG21 UniRef90_Q013W0	D <mark>H</mark> K T R R E [
UniRef90_J3NHY1	PKSQ
UniRef90_Q7XCR6 UniRef90_V4VXA4	T S <mark>V P</mark>
UniRef90_V4VXA4 UniRef90_G4TQ19	EKLK
UniRef90_K4BUQ1	
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UniRef90_U6LJI7	Т
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UniRef90_I3S4K4	$D \coprod K K$
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UniRef90_H2LGY3 UniRef90_J3PWG6 UniRef90_S8BRB6 UniRef90_R9TJH3	VTPEELEKHNRRDD <mark>C</mark> WTCIRGMVYNVTPYIDYHPGG LKQYTLDEVAKHKTKDDVWVVVNGEVLDVTKFKADHPGG EFTYSQVGEHDTKESLWVVIDEKVYDVSKFVDEHPGG KIIPLAEVEKHLKEDDLWLIINKKVYDVTKFVDQHPGG
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UniRef90_E9AC79 UniRef90_S4P7P0 UniRef90_U6I871	<u> </u>
UniRef90_M0RP26 UniRef90_A0A024THV8 UniRef90_B4JC95	KI Y R F D E V A K H D D A E D C WL I V S G K V Y D V S S Y M A E H P G G A V K V F T L D E I A T H N T E K D C WI V I G R K V Y D F T S F I N S H P G G V P E I T L E E V A H H D S Y D D C WI V I Y D R V Y D V T H F L R E H P G G
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UniRef90_A0A022RTL6 UniRef90_UPI00021A84BD UniRef90_C6K2H5	ALKKYSPSEISLHASKKDCWVSIIHGKVYDVTTFLEDHPGG AEKVYTFEEVVKHNNNHDCWLIISGKVYDVTAFLADHPGG LPRYSLKEVAKHDNEGSLWIVIDDMVYDTTDYKHKHPGG GVKYFTEEEVAKHTERDDAWFIYDGKVYDATPFMDDHPSG
UniRef90_D8SRW7 UniRef90_L8GMH5 UniRef90_UPI0004414567	KI MAYSELAEHNNRKDCWLLISGKIYDVTKFLEDHPGG VRIFTKAEVAKHDTVNDCWMIINGKVYDVTPFVDEHPGG KVVSFDEWKQHQTRSDCWTLIHDKIYDVSKFLDEHPGG
UniRef90_K2NTF7 UniRef90_R1FZN5 UniRef90_F6T1X5	K V V S F D E W K Q H Q T R S D C WT L I H D K I Y D V S K F L D E H P G G V Y T S A E V A K H A M K K D G W F I I H N D V Y D V S K F Y E D H P G G P F M S M A D V E S H N T Q E D V W M V I H D K V Y N V T K Y L D D H P G G I S M E E L A K H N S D D A W M A I R G Y V F N V T R Y M E Y H P G G
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UniRef90_Q5J0W5 UniRef90_C9ZRS4 UniRef90_J3MTP8	TKFFSLEEI AKNDGKDGTWLLIKNNVYDVTDYLDGHPGG SGKEYTMEEVAQHTTHDSAWFVHEGKVYDATAFLDEHPGG LPYLSISEI RRHNTPDHLWIVI GSVVYDCTKFQHFHPGG KQFTMSEVRKHASRDSAWIVVHGHVYDCTAFLKDHPGG
UniRef90_S8E882 UniRef90_V9KPJ0 UniRef90_T1NI79	S G K E Y T ME E V A Q H T T H D S A WF V H E G K V Y D A T A F L D E H P G G L P Y L S I S E I R R H N T P D H L WI V I G S V V Y D C T A F L K D H P G G K Q F T M S E V R K H A S R D S A WI V V H G H V Y D C T A F L K D H P G G K S F S A A E V E K H N S A D S A WI I V H G R V Y D C T R F L R Q H P G G E E L A K H N K K D D C WI C I R G M V Y N L T P Y L E Y H P G G V F T M E E V A Q H H S S N D C W L L I A G K V Y D V T K F L E E H P G G K V V S L E E L K Q H T S K D K L W L L V N G K V Y D V T K F L D E H P G G S A T R Y T R D E V A K H N T A E S N WI I I D D K V Y D V T K F A R F H P G G
UniRef90_K7J3G9 UniRef90_S7QIC6 UniRef90_C1MGX5	VFTMEEVAQHHSSNDCWLLIAGKVYDVTKFLEEHPGG VTPAELAKHNTENDAWIAIRGIVFNVSRYMSFHPGG KVVSLEELKQHTSKDKLWLLVNGKVYDVTKFLDEHPGG SATRYTRDEVAKHNTAESNWIIIDDKVYDVTKFARFHPGG KLVTLEELKKHNKPDDLWIAIEGKVYNVTKFRNEHPGG
UniRef90_W8B5N9 UniRef90_R4WCP3 UniRef90_J9FF36	KLVTLEELKKHNKPDDLWI AI EGKVYNVTKFRNEHPGG SEKVFRLEEVKK KADGKTLVVI HNSVYDVTEFLNEHPGG LKKYTLAEVAAHNDASSTWLI I DNNVYDVTKFLEEHPGG YTKEEVAKHTTESDCWVI I NGQVLNVTNFL PEHPGG
UniRef90_C5KZS2 UniRef90_G0RLF3 UniRef90_A0E8J8 UniRef90_A3GI52	V L T G E E V A K H N S E K S C WV I I H G K A Y D V T E F L P E H P G G
UniRef90_A3GI32 UniRef90_S8B2J0 UniRef90_E9CDR9 UniRef90_M3JTF9	KEFTYEDVAKHNKREDCWVVVKNVVLDLTPFLKNHPGGQTISRAEVAKHNTEDSLWCIIDHRVYDLTDFVDAHPGGLRVTLRDLQKHASRTDCWMALRGKVYNITRYVAYHPGGLTLTLEEVGKHNTKKDCWVIVHGKAYDLSDFMDEHPGGLPSYSRAEVSKHNSHESNWLVVDDFVYDVTKFAKFHPGG
UniRef90_K8EE51 UniRef90_D5ADU0 UniRef90_A9S9K7	LPSYSRAEVSKHNSHESNWLVVDDFVYDVTKFAKFHPGG RLISMDEVKQHKSEGDLWTVLKGRVYNLSPYMKFHPGG AVRQIPVSEVRKHQTEESCWLLVRNKVYDCTPFLNDHPGG KTLSFGEVSKHNHKKDCWLLVNEKVYDLTPFLDDHPGG
UniRef90_V7BRY4 UniRef90_K2RHV6 UniRef90_G9NXX4	K E E I II   E E
UniRef90_C5KHL2 UniRef90_C5KHL2 UniRef90_A0A016Q714	
UniRef90_UPI000455F88E UniRef90_S8E3M8 UniRef90_C5MG75	R V L S G Q E V A K H N T R D D C WI I V H G K V Y D V T E F L P D H P G G S P R Y V S Y E E V Q K H N T R E S C W V I I D G Q V Y D A T S V L A W H P G G L Y T A E E V A E H T T H D D L W V I I N G K V Y N I S S Y I D E H P G G
UniRef90_A5DQP8 UniRef90_M4G6K3 UniRef90_K0R3H1	KEFTEEEVAKHNKKENCWCIVKNVVLDLTSFLDNHPGG SRKVFDAAEVAKHNSPESCWVVLYGDVYDVTDFVPSHPGG KLITMAEVRKHNKEEDVWIVVNNKVYDCTEYLDLHPGG KVITPEEVARHNKRDDCWVVINDSVYNLTDFLDSHPGG
UniRef90_G8BPC4 UniRef90_UPI0003F17CE4 UniRef90_G0V5U8	F T K E Q V A K H N T D K D C WL I I N G D V V D V S K Y Q N E H P G G K V F D A A E V A K H N T D K D C WL I I N G D V V D V S K Y Q N E H P G G K V F D A A E V A K H N T P E S C W V I L Y G K V Y D V T E F L P S H P G G R V L S G Q E V A K H N T R E S C W V I L Y G K V Y D V T E F L P D H P G G S P R Y V S Y E E V Q K H N T R E S C W V I I D G Q V Y D A T S V L A W H P G G K E F T E E E V A K H N K K E N C W C I V K N V V L D L T S F L D N H P G G S R K V F D A A E V A K H N K K E N C W C I V K N V V L D L T S F L D N H P G G K L I T M A E V R K H N K R D D C W V V L Y G D V Y D V T D F V P S H P G G K V I T P E E V A R H N K R D D C W V V I N D S V Y N L T D F L D S H P G G R V I T P E E L K R H N K K D D C W V V I N G V Y D V T D F V P S H P G G G R V I D P S E V A R H N K R D D C W V V I N G V Y D L T S F I P V H P G G G I T K E E L K K H A A E G D L W S I D E K V Y D V T K Y V S Q H P G G I T K E E L K K H K S E Q D C W T C I N G K V F N I T P Y I N F H P G G
UniRef90_D0A9Q4 UniRef90_G3AF14 UniRef90_G1UJY8	V S L K E L Q K H A A E G D L W L S I D E K V Y D V I K Y V S Q H P G G I T K E E L K K H K S E Q D C W T C I N G K V F N I T P Y I N F H P G G A T K I I T Y D E L K A N S T K D N L Y I L L H E K V Y N V T K F L D E H P G G E V A Q H K S N K D C W L V I N G R V L D V T K F L E E H P G G
UniRef90_K7KI22 UniRef90_F7FYG9 UniRef90_B5U1A4 UniRef90 H9KK39	LSKFSWQEVQKHNTPTDRWLVINRKVYDLTSWAERHPGG ASKMYSMSEVRKHSSSDSAWIIVHGHIYDASRFLKDHPGG IRTUNINEVAWHDTVDSCWIVIRDEVYDCTDFIKTHPGG
UniRef90_UPI0004414E81 UniRef90_F1KWW0 UniRef90_N1QJD2	LKKFIREEVEKHNIEDSLWIIIDGRVFDVIRFGKLHPGG LPFVTDEELRKHNSADD <mark>C</mark> WLLLDNKVYDVTEYLTFHPGG KFFTYSDVSFHTSKKDLYMVLHDKVYNTSSFVDFHPGG
UniRef90_UPI00044139AB UniRef90_F0WXX9 UniRef90_I7MEQ5	MTIVVNIVSEIVAQHKTRESAWLVISGKIVYDIVITKFLDEHPGG SQPSYTWQEIVAEHNTPESAWLIVRGKIVYDIVTKWAARHPGG KOTFWSEIVAQHNTEEDOWIVVNNIVYNATSYLDDHPGG
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UniRef90_J3NC83 UniRef90_I0Z6Y0 UniRef90_UPI0002B46348	SKKLIFSASDVAGHASRMDCWVVIHGKVYDVTKFLIEDHPGG IIFTAEEVAKHNTPADCWLLIIGKVYDVTRWVPHHPGG KLIFVFDEVAKHNHQADCWLIIGGKVYDVTPFLIEDHPGG
UniRef90_L8G098 UniRef90_X8IW80 UniRef90_C1DYG2	Q E F T F A E V A K H N T K K D L F M V I H D K V Y N T T S F V D E H P G G S E R F L P F D E V Q K H N N R D S C W V I I N G E I Y D V T G F L N D H P G G T Y T R A E V A K H A S A D D N W I I I D D T V Y D V S K F A R F H P G G
UniRef90_D8PQK1	RIVTYDELKAHKSKDSMYLLISGKVYDVTKFIDEHPGG

Jimenero   Johnson   Joh	UniRef90_S7ZLH4 UniRef90_E9GLB9	50 60 70 80 A N A L F N F M G R D A T E E F A M L H D D E V I P K Y A A Q T V I G R V K G Q E E E L L R G V G I D A T D L F D E V H K W V N Y E S M L K K C L V G R L K A D
JIRREPO   JSPWGB	UniRef90_J3S478 UniRef90_G3AVS9 UniRef90_H2LGY3	E E V L R E Q A G G D A T E S F E D V G H S T D A R T L S E T F I I G E L H P D E E V I L D V A G G D A T E A F D D I G H S D E A H E L L K K L Y I G D L K G A
Jimelegio Sadpypo	UniRef90_J3PWG6 UniRef90_S8BRB6 UniRef90_R9TJH3	EKAIMLYAGRDATEEFNMLHDPKVVKKYAPDSII GTLKE EEVMLDVAGQDGTEAFEDVGHSDEARELLAQYLVGNLDPS VDTLIGVAGKDGTDDFNSVGHSDSAKMDLEKYYI GDLSPN
Jimelegio Sadpypo	UniRef90_S2IZD3 UniRef90_S9V6B7	KKAILIYAGRDATESFINMHKPDVVQKYAPSAIIGTLK RDIIL <mark>C</mark> NAGQDATESFINNNHSEGAVKMLAGLVIGDLEPS
JURINERIO JORDON 2184BD  JURINERIO CORCENTO  JURINERIO LE CONTROLO  JURINERIO SECRETA  JURINER	UniRef90_S4P7P0 UniRef90_U6I871	E D S L L D V A G K E A T Q D F E D V G H S D D A R E L M K K Y L I G T L P P E T D S I ME V A G T Y A T K S F N A V P H S E G A C H W M N K F H I G E I A E K R D V I L S A T G K D A T V E F D N V G H S S S G R F I M D N Y C V G T I D S S
JURINEGIO JORDOCATABADO JURINEGIO CORDOCATABADO JURINEGIO CORDOCATABADO JURINEGIO CORDOCATABADO JURINEGIO CORDOCATA JURINEGIO JURINEGIO CORDOCATA JURINEGIO LORONO JURINEGIO LORONO JURINEGIO JURINEGIO LORONO JUR	UniRef90_A0A024THV8 UniRef90_B4JC95 UniRef90_G0RCK0	PELVLDNAGT DÜNDLFEDI GHT SDALAI MDKL <mark>C</mark> I GT LKEE DDVI MDHAGRDATI AFHGT GHSRHAVEQMRQFLI GELPAA AKVI LQLAGKDATEEFDPI HPSGTLDELKPEAKL GKVDP
JURIRE900_CSJOW5  S D \$   L T A T G A D A T E D F N A   L H S K K A R N M   L A D Y Y   I G E   L V   A S UNIRE900_CSZPS4  JURIRE900_SSBE822  A D S   L I N A G T D D C T E E F D A   L H S M K A R N M   L A D Y Y   I G E   L V   A S UNIRE90 SEB822  JURIRE900_VSKPJ0  E E E L MR G A G I D D C T E E F D A   L H S M A K A L L D T Y R I G E   L V   A S UNIRE90 SEB822  JURIRE900_KTJ3G9  VIP E L MR G A G I D D C T E E F D A   L H S M A O N M   Q D Y I   I G H L S D T UNIRE90 STOLOG  L S E L L L S   L A G M D A T T I N F E D V   G H S S D A R E M M D M Y Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   I	UniRef90_E5SXC0 UniRef90_M0SF98 UniRef90_A0A022RTL6	EDVILEGAGRDATESFEDIGHSNDAREMRDQYYIGDIVEN EDVILHSAGGDATQAFDDVGHSSTALIMMEGYVIGTVEGD DETLLESTGKDATGDFEDVGHSKDAKDKMKGLLIGDFDES
JURIRE900_CSJOW5  S D \$   L T A T G A D A T E D F N A   L H S K K A R N M   L A D Y Y   I G E   L V   A S UNIRE900_CSZPS4  JURIRE900_SSBE822  A D S   L I N A G T D D C T E E F D A   L H S M K A R N M   L A D Y Y   I G E   L V   A S UNIRE90 SEB822  JURIRE900_VSKPJ0  E E E L MR G A G I D D C T E E F D A   L H S M A K A L L D T Y R I G E   L V   A S UNIRE90 SEB822  JURIRE900_KTJ3G9  VIP E L MR G A G I D D C T E E F D A   L H S M A O N M   Q D Y I   I G H L S D T UNIRE90 STOLOG  L S E L L L S   L A G M D A T T I N F E D V   G H S S D A R E M M D M Y Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   I	UniRef90_C6K2H5 UniRef90_D8SRW7	A D SI L L T A G E D A T E E F D S L H S E K A K K M L D D Y Y I G E L  D E V I L S A T G K D A T D D F E D V G H S S S A R D M M H S Y Y K D E Y I G O V A K E
JURIRE900_CSJOW5  S D \$   L T A T G A D A T E D F N A   L H S K K A R N M   L A D Y Y   I G E   L V   A S UNIRE900_CSZPS4  JURIRE900_SSBE822  A D S   L I N A G T D D C T E E F D A   L H S M K A R N M   L A D Y Y   I G E   L V   A S UNIRE90 SEB822  JURIRE900_VSKPJ0  E E E L MR G A G I D D C T E E F D A   L H S M A K A L L D T Y R I G E   L V   A S UNIRE90 SEB822  JURIRE900_KTJ3G9  VIP E L MR G A G I D D C T E E F D A   L H S M A O N M   Q D Y I   I G H L S D T UNIRE90 STOLOG  L S E L L L S   L A G M D A T T I N F E D V   G H S S D A R E M M D M Y Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   I	UniRef90_UPI0004414567 UniRef90_K2NTF7 UniRef90_R1FZN5	DEVILAEAGKDATEAFEDVGHSDEARSLLAGMLVGTFDGGRDVLLNLIGTDATDAFEAVQHSDNAKKLLKRLKIGTLTQAEEVLMDRAGQNATEDFEDVGHSRDARKQLDKFEVGELAPS
JURIRE900_CSJOW5  S D \$   L T A T G A D A T E D F N A   L H S K K A R N M   L A D Y Y   I G E   L V   A S UNIRE900_CSZPS4  JURIRE900_SSBE822  A D S   L I N A G T D D C T E E F D A   L H S M K A R N M   L A D Y Y   I G E   L V   A S UNIRE90 SEB822  JURIRE900_VSKPJ0  E E E L MR G A G I D D C T E E F D A   L H S M A K A L L D T Y R I G E   L V   A S UNIRE90 SEB822  JURIRE900_KTJ3G9  VIP E L MR G A G I D D C T E E F D A   L H S M A O N M   Q D Y I   I G H L S D T UNIRE90 STOLOG  L S E L L L S   L A G M D A T T I N F E D V   G H S S D A R E M M D M Y Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   E F D A   I H S M Y   I G Y   I G F L   I	UniRef90_F6T1X5 UniRef90_C5LJM6 UniRef90_C5LJM6	E S E L MR G V G K D A T S L F E E V H R W V N F E S M L K A C F I G T L I P D D I S I L N F G G R D A T G P F H D I H P A G I I Q K Y C P D A V I G V V D I S I L N F G G R D A T G P F H D I H P A G I I Q K Y C P D A V I G V V
Jurikef90 _ SNE882	UniRef90_Q5J0W5 UniRef90_C9ZRS4	S D S I T A T G A D A T E D F N A I H S K K A R N M L A D Y Y I G E L V A S E R M L Q L C G G R D A T E L F N Y Y H R W V S C E S M L E P F A V G L V K P E
DIRREP90	UniRef90_S8E882 UniRef90_V9KPJ0 UniRef90_T1NI79	A D S I L I N A G T D C T E E F D A I H S H N A Q N M I Q D Y I I G H L S D T E E E L M R G A G I D G T E L F D Q I H R W V N Y E S M L K E C L I G R L K P A E E L L S L A G M D A T T N F E D V G H S S D A R E M M D M Y Y I G V I D
Junike190	UniRef90_K7J3G9 UniRef90_S7QIC6 UniRef90_C1MGX5	_ K A E   V   D A O A O O O D A   K   N E   K A E   K   D   D   V   D   N A O K   N   D   N
Juirief90	UniRef90_R4WCP3 UniRef90_J9FF36	E E I L D E V G G L N A I V Q F N E V G H S Q E A K Q M L K K Y Y V G H L V S G E E V L M E Q S G Q D A T E A F E D V G H S S D A R E M M K K F K I G E L H E D D E V L L E Q A G Q N A T E S F K D I G H S R D A V E M T K E Y L I G Y L K I A I M T F A G K D A T K F F N M I H P A D V L F K Y A S F C V L G P V V F
Juiref90_K8EE51	UniRef90_G0RLF3 UniRef90_A0E8J8 UniRef90_A3GI52	EET I LKYAGKDATEEFDPI HPRDTLDKYLDKLHLGDVDMS DDI LIKYGGLDGTQKFLEVNHSNYARSLRNARLVGTLTSD MESI VNYAGRDATESFEMLHEDNFIEKYTRD <mark>C</mark> VLGRIKGK
JniRef90_D5ADU0 JniRef90_A9S9K7 JniRef90_V7BRY4 JniRef90_V7BRY4 JniRef90_V7BRY4 JniRef90_V7BRY4 JniRef90_V7BRY4 JniRef90_C5KHU2 JniRef90_C5KHL2 JniRef90_C5KHL2 JniRef90_C5KHL2 JniRef90_D045F88E JniRef90_B8B3M8 JniRef90_B8B3M8 JniRef90_S8E3M8 JniRef90_S8E3M8 JniRef90_C5MG75 JniRef90_C5MG75 JniRef90_C5MG75 JniRef90_G6BBC4 JniRef90_G8BPC4 JniRef90_B8U148 JniRef90_B8U	UniRef90_S8B2J0 UniRef90_E9CDR9 UniRef90_M3JTF9	E A E IL IM K A A G R D G T QLIF Q D II H A WVN A E S M L E K <mark>C L I G F L V P</mark> D S A II L IK Y A G K D A T K A F D P II H P G D T L K K Y L K E Y H K G E IV D
JniRef90_A5DQP8       A E SI L N F A G K D A T E S F D M L H E D N V V V R Y A K E C V L G R L K G K         JniRef90_M4G6K3       S K L L Q L A G R D A T E D Y D P V H P P G T L E E N L K E A K L G T V D P E         JniRef90_G8BPC4       A D SI L I N A G E D S T E D F V A I H S T K A T K M L E K F Y V G D L D E S         JniRef90_UP10003F17CE4       K N V I V A N S G K D V T K L F E P I H A P N V L E K Y L Q K M R L G T L S K P         JniRef90_G0V5U8       A D I I K S N A G K D V T A I F E P I H A P R V N Y E S M L K K C L V G R M A         JniRef90_G3AF14       V D T L L G V A G K D G T D D F N S V G H S D I A K E E L K K Y C V G R L S P E         JniRef90_G1UJY8       D E V I L A E A G K D A T E A F E D V G H S D E A R A L L K D M L V G E F E K G         JniRef90_F7FYG9       N R V I S H Y A G E D A T D V F W A M H D Q N V Q K Y L K P L I G Q L S P E         JniRef90_B5U1A4       V D S I L I N A G R D A T L A F I G T G H S S A A I H S L K R Y L I G E L	UniRef90_D5ADU0 UniRef90_A9S9K7	EDMLMKAAGKD <mark>C</mark> TALLFNKYHAWVNAEFLLEK <mark>CL</mark> VGFLD
JniRef90_A5DQP8       A E SI L N F A G K D A T E S F D M L H E D N V V V R Y A K E C V L G R L K G K         JniRef90_M4G6K3       S K L L Q L A G R D A T E D Y D P V H P P G T L E E N L K E A K L G T V D P E         JniRef90_G8BPC4       A D SI L I N A G E D S T E D F V A I H S T K A T K M L E K F Y V G D L D E S         JniRef90_UP10003F17CE4       K N V I V A N S G K D V T K L F E P I H A P N V L E K Y L Q K M R L G T L S K P         JniRef90_G0V5U8       A D I I K S N A G K D V T A I F E P I H A P R V N Y E S M L K K C L V G R M A         JniRef90_G3AF14       V D T L L G V A G K D G T D D F N S V G H S D I A K E E L K K Y C V G R L S P E         JniRef90_G1UJY8       D E V I L A E A G K D A T E A F E D V G H S D E A R A L L K D M L V G E F E K G         JniRef90_F7FYG9       N R V I S H Y A G E D A T D V F W A M H D Q N V Q K Y L K P L I G Q L S P E         JniRef90_B5U1A4       V D S I L I N A G R D A T L A F I G T G H S S A A I H S L K R Y L I G E L	UniRef90_K2RHV6 UniRef90_G9NXX4 UniRef90_C5KHL2	PQAL YSHMGKDASEEFEMLHDDEVIPKYAPEVVI GRVKG EEVLLDVAGQDATEAFEDVGHSDEARETLEQLHVGDLQPG ALALNAFAGTDCSLEYNTV HEKELMQQHKDLVVGKLDGF
JniRef90_A5DQP8       A E SI L N F A G K D A T E S F D M L H E D N V V V R Y A K E C V L G R L K G K         JniRef90_M4G6K3       S K L L Q L A G R D A T E D Y D P V H P P G T L E E N L K E A K L G T V D P E         JniRef90_G8BPC4       A D SI L I N A G E D S T E D F V A I H S T K A T K M L E K F Y V G D L D E S         JniRef90_UP10003F17CE4       K N V I V A N S G K D V T K L F E P I H A P N V L E K Y L Q K M R L G T L S K P         JniRef90_G0V5U8       A D I I K S N A G K D V T A I F E P I H A P R V N Y E S M L K K C L V G R M A         JniRef90_G3AF14       V D T L L G V A G K D G T D D F N S V G H S D I A K E E L K K Y C V G R L S P E         JniRef90_G1UJY8       D E V I L A E A G K D A T E A F E D V G H S D E A R A L L K D M L V G E F E K G         JniRef90_F7FYG9       N R V I S H Y A G E D A T D V F W A M H D Q N V Q K Y L K P L I G Q L S P E         JniRef90_B5U1A4       V D S I L I N A G R D A T L A F I G T G H S S A A I H S L K R Y L I G E L	UniRef90_C5KHL2 UniRef90_A0A016Q714 UniRef90_UPI000455F88E	ALALNAFAGT DCSLEYNTV HEKEL MQQHKDLVVGKLDGFKKIILKLAGKDATEEYDPVHPPGTLEENLKPEHVGEINPESRIILKYAGKDATAEYDPIHPPDAIETNLKEKHLGSVDPG
JniRef90_G1UJY8         DEVILAEAGKDATEAFEDVGHSDEARALLKDMLVGEFEKG           JniRef90_K7Kl22         EEVILEVAGKDATKEFDVIGHSKAAQNMVLKYQVGVLQGA           JniRef90_F7FYG9         NRVISHYAGEDATDVFWAMHDDQNVQKYLKPLIGQLSPE           JniRef90_B5U1A4         VDSILINAGTDCTEFFDALHSDKAKKLLEDFRIGEL           JniRef90_H9KK39         SDVILEYAGRDATLAFIGELSKS	UniRef90_C5MG75 UniRef90_A5DQP8	E E V I L D C A G T D A T E A F D D I G H S D E A H E I L E K L Y L G N L K G A E S I L N F A G K D A T E S F D M L H E D N V V R Y A K E C V L G R L K G K
JniRef90_G1UJY8         DEVILAEAGKDATEAFEDVGHSDEARALLKDMLVGEFEKG           JniRef90_K7Kl22         EEVILEVAGKDATKEFDVIGHSKAAQNMVLKYQVGVLQGA           JniRef90_F7FYG9         NRVISHYAGEDATDVFWAMHDDQNVQKYLKPLIGQLSPE           JniRef90_B5U1A4         VDSILINAGTDCTEFFDALHSDKAKKLLEDFRIGEL           JniRef90_H9KK39         SDVILEYAGRDATLAFIGELSKS	UniRef90_K0R3H1 UniRef90_G8BPC4 UniRef90_UPI0003F17CE4	A D SI L I N A G E D S T E D F V A I H S T K A T K M L E K F Y V G D L D E S K N V I V A N S G K D V T K L F E P I H A P N V L E K Y L Q K M R L G T L S K P E D E L M K A A G S D G T D L F D Q V H R W V N Y E S M L K K C L V G R M A
UniRef90_B501A4 VDSILLIN AGTOUTEEFDAL HSDKAKKLLEDFRI GEL UniRef90 H9KK39 SDVILEYAGRDATLAFIGTGHSSAAIHSLKRYLI GELPVE	UniRef90_G0V5U8 UniRef90_D0A9Q4 UniRef90_G3AF14	ADII KSNAGKDVTALFEPIHAPGVIEKYLPKCRIGTLKKPVDTLLGVAGKDGTDDFNSVGHSDLAKEELKKYCVGRLSPEVDEIMKCAGRDGTALFNKYHSWVNADRMLENCIVG
JniRef90_H9KK39	UniRef90_K7KI22 UniRef90_F7FYG9	E E V I L E VA G K D A T E A F E D V G H S D E A R A L L K D M L V G E F E K G E E V I L E VA G K D A T K E F D V I G H S K A A Q N M V L K Y Q V G V L Q G A N R V I S H Y A G E D A T D V F W A M H I D Q N V Q K Y L K P L I G Q L S P E V D S I L I N A G T D C T E E F D A I H S D K A K K I L E D E R I G E I
UniRef90_N1QJD2	UniRef90_B301A4 UniRef90_H9KK39 UniRef90_UPI0004414E81 UniRef90_F1KWW0	SDVI LEYAGRDATEAFEGLHRYDVLEKRYLIGELPVE PTVFFDLPGGDATEAFFGLHRYDVLEKQYQRLQIGVLEGE VEQLMKAAGCODGTNLFHKYHSWLNYETMLSSCFVGYFKG
V   V   I   N K G G K D A I K K F Q E A A H S E S A Q K K L Q I F A I G K I A DINREF90_A5DFU1	UniRef90_N1QJD2 UniRef90_UPI00044139AB UniRef90_F0WXX9	E E V L L DVG G Q D A T E A F E D V G H S D E A R E L L D G L L I G T L K E E V I L S E S G K D A T E A F E D I G H S D D A R G M L A D M L V G T V E G E E F I W I H A G R E C T A A F D S Y H P S Q V A N T T L R K F L I G E L V G
JniRef90_J3NC83       E D V L L H S A S G D A T E A F E D V G H S T S A I G M M N N Y L I G S I K         JniRef90_I0Z6Y0       S M I F V R A G G D C S Q L F D S Y H P L A T R L L L E K F Y V G E L D K T         JniRef90_UP10002B46348       D E V L L A T E K D A T E D F E T V S H S L D A T E E M E K Y Y I G N I D M S         JniRef90_X8IW80       E E V L D V A G Q D A T E A F E D V G H S D E A R E I L T G E V G T L K P G         JniRef90_C1DYG2       R A F I D G V A G Q D A T K Q F Y S F H R Q D V L R S M A A K Y A I G T L A	UniRef90_A5DFU1 UniRef90_C7YM45	VEVLEDCGGVDATKREQEAANSESAQKKLQIFAIIGKIA VEVLEDCGGVDATEGFDDVGHSERAVMMLEPYYIIGDVAPE EEVMLDVAGQDGTEAFEDVGHSDEAREALDKLFVGELK IKVIEQNAGKDVTKIEKTIIHPPKTIEREIDENIIVGVI
UniRef90_L8G098  E E V L L D V A G Q D A T E A F E D V G H S D E A R E I L T G E V G T L K P G  JniRef90_X8IW80  JniRef90_C1DYG2  R A F I D G V A G Q D A T K Q F Y S F H R Q D V L R S MA A K Y A I G T L A	UniRef90_J3NC83 UniRef90_I0Z6Y0 UniRef90_UPI0002B46348	EDVLLHSASGDATEAFEDVGHSTSAIGMMNNYLIGSIK SMIFVR AGGDCSQLFDSY HPLATRLLEKFYVGELDKT DEVLLLATEKDATEDFETVSHSLDATEEMEKYYIGNIDMS
THE DATO DODOWA DELVILLA E COORDINE A FEBRUARI CORE A PARTICIO CANDINO CORRESPONDE	UniRef90_L8G098 UniRef90_X8IW80 UniRef90_C1DYG2	E E V L L DVA G Q D A T E A F E D V G H S D E A R E I L T G I E V G T L K P G I G P I L K V A G S D A T R V F V P I H P P G T L S T L P P T Y H I G T V D P A R A F I D G V A G Q D A T K Q F Y S F H R Q D V L R S MA A K Y A I G T L A

UniRef90_J3PWG6			
Direction   CSAVT8	UniRef90_	S7ZLH4	KPS
UniRef90 G3AVS9			DWEKV
UniRef90			APKE
UniRef90_S8BRB6	UniRef90_	H2LGY3	TPAAV
Uniref90			D P K
UniRef90		R9TJH3	DADKL
Uniref90			
UniRef90			ERRRV
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UniRef90_K0R3H1 UniRef90_G8BPC4 UniRef90_UPI0003F17CE4 UniRef90_D0A9Q4 UniRef90_G3AF14 UniRef90_G1UJY8 UniRef90_F7FYG9 UniRef90_F7FYG9 UniRef90_UPI0004414E81 UniRef90_UPI0004414E81 UniRef90_UPI00044139AB UniRef90_UPI00044139AB UniRef90_UPI00044139AB UniRef90_T7MEQ5 UniRef90_T7MEQ5 UniRef90_M7XZR1 UniRef90_M7XZR1 UniRef90_UPI0002B46348			FPA SIGPI
UniRef90_G8BPC4 UniRef90_UPI0003F17CE4 UniRef90_D0A9Q4 UniRef90_G3AF14 UniRef90_G1UJY8 UniRef90_K7KI22 UniRef90_B5U1A4 UniRef90_B5U1A4 UniRef90_UPI0004414E81 UniRef90_UPI0004414E81 UniRef90_ITAWW0 UniRef90_ITAWW0 UniRef90_ITAWW0 UniRef90_ITAWW0 UniRef90_ITAWW0 UniRef90_ITAWW0 UniRef90_ITAWW0 UniRef90_ITAWE05 UniRef90_ITAWE05 UniRef90_ITAWE05 UniRef90_UPI0002B46348	UniRef90_	K0R3H1	SILIEE
UniRef90_G0V5U8 UniRef90_D0A9Q4 UniRef90_G3AF14 UniRef90_G1UJY8 UniRef90_K7KI22 UniRef90_F7FYG9 UniRef90_B5U1A4 UniRef90_H9KK39 UniRef90_UPl0004414E81 UniRef90_N1QJD2 UniRef90_UPl00044139AB UniRef90_UPL00044139AB UniRef90_T7MEQ5 UniRef90_T7MEQ5 UniRef90_T7MEQ5 UniRef90_T7MEQ5 UniRef90_M7XZR1 UniRef90_M7XZR1 UniRef90_J3NC83 UniRef90_UPl0002B46348	UniRef90_	G8BPC4	MPPEL
UniRef90_D0A9Q4 UniRef90_G3AF14 UniRef90_G1UJY8 UniRef90_F7FYG9 UniRef90_B5U1A4 UniRef90_H9KK39 UniRef90_UP10004414E81 UniRef90_UP10004414E81 UniRef90_UP100044139AB UniRef90_I7MEQ5 UniRef90_TYWA5 UniRef90_TYWA5 UniRef90_TYMA5 UniRef90_M7XZR1 UniRef90_J3NC83 UniRef90_UP10002B46348			MPAEL
UniRef90_G1UJY8 UniRef90_K7KI22 UniRef90_F7FYG9 UniRef90_B5U1A4 UniRef90_H9KK39 UniRef90_UPI0004414E81 UniRef90_UPI00044139AB UniRef90_UPI00044139AB UniRef90_I7MEQ5 UniRef90_I7MEQ5 UniRef90_A5DFU1 UniRef90_A5DFU1 UniRef90_A7XZR1 UniRef90_M7XZR1 UniRef90_J3NC83 UniRef90_UPI0002B46348 UniRef90_UPI0002B46348 UniRef90_URBG098 UniRef90_VSIW80 UniRef90_X8IW80 UniRef90_C1DYG2	UniRef90_	D0A9Q4	DVK
UniRef90_F7FYG9			GEIIKW
UniRef90_F7FYG9		K7KI22	Ť VQ È V
UniRef90_H9KK39	UniRef90_	F7FYG9	E P S
UniRef90_UPI0004414E81			E R
UniRef90_N1QJD2 UniRef90_UPI00044139AB UniRef90_F0WXX9 UniRef90_I7MEQ5 UniRef90_A5DFU1 DQKR UniRef90_C7YM45 UniRef90_M7XZR1 ESTK UniRef90_J3NC83 UniRef90_I0Z6Y0 DR UniRef90_UPI0002B46348 TIPK UniRef90_L8G098 DP UniRef90_X8IW80 TPAQL	UniRef90_	UPI0004414E81	ΕP
UniRef90_UPI00044139AB UniRef90_F0WXX9 UniRef90_I7MEQ5 UniRef90_A5DFU1			ט K S Q <u>L</u>
UniRef90_I7MEQ5 UniRef90_ASDFU1 UniRef90_C7YM45 UniRef90_M7XZR1 UniRef90_J3NC83 UniRef90_I0Z6Y0 UniRef90_UPI0002B46348 UniRef90_L8G098 UniRef90_X8IW80 UniRef90_C1DYG2 UniRef90_C1DYG2  D Q K R  D Q K R  D P  T P A Q L	UniRef90_	UPI00044139AB	
UniRef90_A5DFU1	UniRef90_	F0WXX9	
UniRef90_C7YM45 UniRef90_M7XZR1	UniRef90_	.i/พ่อนอ A5DFU1	DQKR
UniRef90_J3NC83 UniRef90_l0Z6Y0 D R UniRef90_UPl0002B46348 T P K UniRef90_L8G098 D P UniRef90_X8IW80 T P A Q L UniRef90 C1DYG2	UniRef90_	C7YM45	
UniRef90_10Z6Y0			ESTK[
UniRef90_UPI0002B46348	UniRef90_	I0Z6Y0	D <u>R</u>
UniRef90_X8IW80 T P A Q L UniRef90_C1DYG2	UniRef90_	UPI0002B46348	
UniRef90 C1DYG2			
UniRef90_D8PQK1 S E L K I	UniRef90_	C1DYG2	
	UniRef90_	D8PQK1	SELKL

UniRef90_Q6CIV4	1
UniRef90_D3K946 UniRef90_A9TJ19 UniRef90_F0W037	RLTPMEEVKQHKTEEDAWTVLRGRVYNLSPYIRFHPGG LKEFTEELNLHNTAQD <mark>C</mark> WLIIGPQVYD <mark>C</mark> TLFLDDHPGG
UniRef90_L116R5 UniRef90_M7NM08 UniRef90_W6KP17	V Q E Y S S A D L E L H K T K E D C WMAI H G K V Y D V T K F L I E H P G G L R K I E A S E V A K H V T R D D L Y M V I D K M V Y N V S P F I N E H P G G L P V Y T W E E V A R H D K D D D C W V V L Y D R V L D V T K W L N K H P G G
UniRef90_L8H7W3 UniRef90_T2MBE9 UniRef90_D7FJM7	RVFSKEEVATHNSEES <mark>C</mark> WLIVGNDVYDVTAFLALHPAG ITLEELANHNTVKDCWTAIRGKVYNITPYLEFHPGG FTWQEVAKHNSRESAWILIKDKVYDITNWMDKHPGG
UniRef90_T1J6X7 UniRef90_K1VUW5 UniRef90_UPI000258D633	THEELKKHDKPDDAWLSIKGRVYNVTAYNEFHPGG YTAEEVAQHNKENDLWVIDGQVLDVTEFLPDHPGG KVYTAEEVSKHNNEKDLWLVYKDGVYDLTKFVKEHPGG KEFTPEEVAKHNKPDDCWCIIQNVVVDLSSFLESHPGG
UniRef90_A5E1R5 UniRef90_E0VGZ4 UniRef90_C5KZA3	KEFTPEEVAKHNKPDDCWCII QNVVVDLSSFLESHPGG VKLFTRNDVSKSKNSKSTQIII HNLVYDVTEFLNEHPGG ITMEEVAKHTSETDCWVVVNGQVLDVTNFLPEHPGG
UniRef90_A0A026X0N4 UniRef90_F8NX00	ATKLFTRSEIEKNDEDNKVLLILHDKVYNVHPFLNEHPGG LKTYSREEVAQHNKPDDLWIIVDAKVYNISRFKDLHPGG EFTWQEVAKHNTGKSAWVIIRGEVYDVTEWADKHPGG
UniRef90_K3X4E3 UniRef90_A8N6D1 UniRef90_G6D0F1	EFT WQEVAKHNTGKSAWVIIRGEVYDVTEWADKHPGG EYTVEEVAKHNTKDDVWVIIDGQVLDVTNFLADHPGG RILTLAEISHHDTRDDCWVVIYDRVYDISTFLYEHPGG SCKEIPRCEVAEHCTPDDAWMIIRNDVIDVTNFLDEHPGG
UniRef90_A0A016VUB0 UniRef90_C1MRK2 UniRef90_M1WC74	S C K E I P R C E V A E H C T P D D A WMI I R N D V I D V T N F L D E H P G G K I F S L A E I E K H D S E D D A WI L V K D K V Y D C T A Y I A S H P G G S D I E K H N D E N S C W V I I H G Y A Y D V T D F L P E H P G G K T T L T E L K Q H K E R S G V W F A I H G K V Y D V T K F L N E H P G G
UniRef90_E9CEY8 UniRef90_M2LXW0 UniRef90_A0DWN7	S D I E K H N D E N S C W V I I H G Y A Y D V T D F L P E H P G G K T I T L T E L K Q H K E R S G V W F A I H G K V Y D V T K F L N E H P G G K E F T Y S D I S E H T S K R D L Y L V V H D K V Y N A S S F V D E H P G G K N Y T A E E V Q K H N K P G D V W T V L N G K V Y D I S L Y L D Y H P G G
UniRef90_O96099 UniRef90_K7IV84 UniRef90_UPI0004561705	LKLYTWDEVSKHNQKNDLWTIVDGKVYNITKWVPLHPGG MKQYTFEEVQKASDQTRTVIVIHDKVYDVTPFLNEHPGG KEYTMDEVAKHNTKDDVWVVVEGKVLDVTSFLPDHPGG
UniRef90_R8BBA3 UniRef90_W9Y7P0 UniRef90_W3WIW6	KTITLTELKQHKERSGVWFAIIHGKVYDVTKFLNEHPGG KEFTYSDISEHTSKRDLYLVHDKVYNASSFVDEHPGG KNYTAEEVQKHNKPGDVWTVLNGKVYDISLYLDYHPGG KNYTAEEVQKASDQTRTVIVI WILTKWVPLHPGG MKQYTFEEVQKASDQTRTVIVI HDKVYDVTFFLNEHPGG KEYTMDEVAKHNTKDDVWVVVVEGKVLDVTSFLPDHPGG RNITVEELKKHDGETQPWFVVNGEVYDGTKFLEGHPGG RNITVEELKKHDTEKQPWFVVNGEVYDGTAFLDEHPGG RMIPYSEVQRHTSPDDCWTIIKGQVYDLTKFIEAHPGG
UniRef90_A0MLW3 UniRef90_U5EV27	K S F T M A E V E Q H T T M E S A W F V V D G K V Y D A T P F L K D H P G G A V K A I S H Q E L A K H D K V D D A W V A I R G K V Y N V T R Y M D F H P G G
UniRef90_T0QFY3	A VK A I S H Q E L A K H D K V D D A W V A I R G K V Y N V T R Y M D F H P G G R K V T R E E V A Q H N T F D D C W I I I R N K V Y D F T E W K N H H P G G E V A K H N N K D D C W V I V H G K A Y D I T E F L P E H P G G K A F T W Q E V A Q H N T A T S A W I I I R G K V Y D V T E W A N K H P G G K N I T D A E V A A H N R E N D A W M T L D G K V Y N I T S Y L K Y H P G G
UniRef90_F0X0K4 UniRef90_H0VVG2 UniRef90_Q179Y0	S FILASHNK P G D M WMAIL R G K V Y N V T S Y II D F H P G G
UniRef90_G2Q4S2 UniRef90_Q6DDK2 UniRef90_J3PGQ3	Q Y S W F F II IQ K H NII IK T D K WII V I IF R K IV IY NII IS Q WIV IK R H P G G
UniRef90_B3SCI3 UniRef90_X6MJ26 UniRef90_V4KN29	STREVSWDELRQHSTKESCWVVIHGKVWDVTGFINAHPGG KTFTRSEVTEHDKSESLWLVVHNKVYDVTNFMVEHPGG EYTWKEVAEHNNEKSCWLYIDRNVYDVTSFLPRHPGG LISFHEVAKHKCKNDCWLIHGKVYDISTFMDEHPGG
IniRaf00 H1\/  T1	A A K T F T R D E  V   A K N N T E D S      W <mark>C</mark>        D S K  V  V D      T D E  V  D G H P G G
UniRef90_M5BMP8 UniRef90_V2WQ92 UniRef90_V2WQ92	TT LEQLKQHTKKDDFYALI HGKVYDVTKFLDEHPGG LKKLSREEVAKHNKPDDLWI I DAKVYDLTRFKGMHPGG
UniRef90_UPI0003337F0F UniRef90_UPI0002B42672 UniRef90_B4N423	IRFYTWEEI QKHNLRTDKWLVIDRKVYNITKWAKRHPGG QLYDLSEI SQQNGKGGCWLIIKGNVYDVTKFLDDHPGG
UniRef90_UPI00021A7385 UniRef90_V4ZJ35 UniRef90_UPI00034FB347	A L R R I S L E L L S R H C S R E D L W V A L D G V V Y D I S S Y V S F H P G G V P T F R WE E I Q R H N L R N D Q W L V V D R K V Y D V T A W S K R H P G G
UniRef90_C5GGN0 UniRef90_U5H4Q7 UniRef90_E9G3F0	A T R K [
UniRef90_A0CED5 UniRef90_W3XRT3 UniRef90_W1QCU5	V L D M D E V A R H N T K E D C WV V V N G F V L A V T P F L P E H P G G Y T WE E V Q K H T K H G D Q WV V V E R K V Y N V S Q WV K R H P P G G I T L E Q L K Q H T K K D D F Y A L I H G K V Y D V T K F L D E H P G G L K K L S R E E V A K H N K P D D L WI I I D A K V Y D L T R F K G M H P G G A V K Y C S WE E I Q K H K D S K L T WV I L R H K V Y D L T K F Q E Q H P G R L R F Y T WE E I Q K H N L R T D K W L V I D R K V Y N I T K W A K R H P G G Q L Y D L S E I S Q Q N G K G G C W L I I K G N V Y D V T K F L D D H P G G K Q Y T R S E V A S L N C K D K T L I I H D H V Y D L T K F L D D H P G G A L R R I S L E E L S R H C S R E D L W V A L D G V V Y D V T A W S K R H P G G A T R K I S R E E V A K N N T E D S C W C I I D H K V Y D L T D F L D A H P G G A Q Q E Y T L E E V A K N N T E D S C W C I I D H K V Y D V T K L V D G H P G G L P E Y S L Q Q V S W H D R P D D C W I V L N D K V Y N V T K L V D G H P G G A D K L I S A E E V L K H N T R D S C W V V L Y D H V Y D V T D F L S E H P G G R Y I L E E V Q Q H N T Q K D A W I V L N D K V Y D V T D F L S E H P G G R Y I L E E V Q Q H N T Q K D A W I V L N D K V Y D V T D F L A S H P G G K Q F T R D E I E K H H T E G D C W I V I N G N V Y D V T K W I P Y H P P G G K Q F T R D E I E K H H T E G D C W I V I N G N V Y D V T D F L A S H P P G G L R E Y T W E E V Q K N N Q E Q A V L L V I D Y M V L D V K N W L P E H P G G
UniRef90_R9AA60 UniRef90_B3RLV7 UniRef90_UPI0001F2A03D	RYLAYEEI EKHNSAES <mark>C</mark> WVI I DGQVYDVT DFLASHPGG YTIEEVAKHNTENDLWI I I NNKVYDVTKWI PYHPGG KOETRDEI EKHHTEGDCWI VINGNVYDATSVISWHPGG
UniRef90_K8FI71 UniRef90_F9XLN6 UniRef90_W9Y2Z5	LREYTWEEVQKNNQEQAVLLVIDYMVLDVKNWLPEHPGG KNITIDDLRKHDNETDPWFVVNGEVYDGTAFLNEHPGG RKLTYADVEAHTGRHDLWVIIHGKVLDLSKFVDEHPGG
UniRef90_UPI0003B6A0F0 UniRef90_P43100	MRKI T MQEVEGHNT PDDCWVVI NGKVYDLSVFQQEHPGG VRI I SLEELKAHEGEMEPWEVVNGHVYNGTPYLDNHPGG KELTYQEVAKHNKADDCWVI I DNGVYNLTEQMKSHPPG
UniRef90_Q240P3 UniRef90_Q00X31 UniRef90_I3NFH9	T M D E I N K H N K A D D W V I I D N G V Y N L I E Q M K S H P P G  T M D E I N K H N T E G D L W V I I E G N V Y D L T K F L P D H P G G  S L N R Y T W Q E I Q R H N Q E N D Q W L V I H R K V Y N V T D W A K R H P G G  V Y T W E D V Q S H C T K T D Q W V V L N R K V Y N V T Q W A K R H P G G
UniRef90_I2ECA7 UniRef90_A7AWX5 UniRef90_Q5KD34	A E V A K H T S E T D C WI I F K G K V Y D I T R Y L D T H P G G  L I S Y D E V Q K H A T R D D C W V I I D G M V Y D V T E F L S Q H P G G  Q L Y D L S E V A Q N N G K K P C W L I J K G N V Y D V T N F L A E H P G G
UniRef90_B3M954 UniRef90_UPI000440EA6D UniRef90_B4KW66	QIYQKSEVAERN <u>G</u> KNG <u>VWLIY</u> KGNVYDVIGFLRMHPGG
UniRef90_G3JPH1 UniRef90_UPI0004622029 UniRef90_B3WFS6	Y D S R Q V A E H K V A T D A W M T I N G K V Y D V T K Y L Q D H P G G R T L A L D E V A K H N S R S S C W V I I K D K V Y D V T E F L A D H P G G I I S H E E L Q K H E N E Q S P W I V V D G Q V Y D V T D Y L E S H P G G P A F T T L E V A K H S S A A D A W L I I G G R V L N I S S W L H D H P G G
UniRef90_R7QKT8 UniRef90_C7ZG04 UniRef90_X6M0Y9	PAFTTLEVAKHSSAADAWLII GGRVLNISSWLHDHPGG AEVAEHNNAKSCWVIVHGKVYDVTDFLPEHPGG LKEYTWEEI KKHAEKDKIWMVLYGRVYDLTDFMANHPGG LSMEELMDHNKEDDVWMALNGRVYNVTPYMEYHPGG
UniRef90_T1EEQ4 UniRef90_C5LX95	IS MEEL MDHNKEDDVWMALNGRVYNVT PYMEYHPGG SEKSYTAAEVAAHNTEGDCWVI I GDDVYDVT EFLPDHPGG
UniRef90_A8PGP6 UniRef90_G1XS05 UniRef90_E9CDH9	S E K S Y T A A E V A A H N T E G D C WV I I G D D V Y D V T E F L P D H P G G L K E Y T L E E V A Q H N K E G D V WI I V D A K I Y D V S R F A N M H P G G R I I E F E E F K T H E T A E E P W F V I N N E V Y N G T P Y L Q D H P G G R T F T W E E V A K H N T P N D L Y V S I R G K V Y D I T P F L N R H P G G

11 'B (00 000)/4	50 60 70 80
UniRef90_Q6CIV4 UniRef90_D3K946	DEILVDLGGQDATGPFEDLGHSDDALKLLEPMYVGDID NLIFVK AGRDCTQLFDSY HPLSARAVLDKFYLGEVD
UniRef90_A9TJ19 UniRef90_F0W037	K D M L M K G A G R D C T A L F N K Y H V W V N A E F L M E K C L V G L D P E T I L E M A G K D A N E E F E D I G H S S D A R Q Q L Q E F L I G K V K N D
UniRef90_L1I6R5 UniRef90_M7NM08	E E V M L E V A G M D A T D A F E D I G H S K A A R E Q L K K Y E I G D Y K S D E E V L L D V A G K D A T D A F E D V G H S D E A R D I L K K L V V G K L E G
UniRef90_W6KPI7 UniRef90_L8H7W3	F D P I R D M G G M D I T N S F E T I G H S S T A L V Q S K S F I I G R V D V S A K P L L R R A G G D A T R D F S F H S R T A Q N S W R Q Y K I G V L E G S
UniRef90_T2MBE9	DE EL MKS A GUD A T TUF D QVHR WYNDES MUA KCYL GPLK
UniRef90_D7FJM7 UniRef90_T1J6X7_	PETILEMAGKDANEEFEDIGHSSDARQQLQEFLIGKVKND EEVMLEVAGMDATDAFEDIGHSSAAAREQLKKYEIGDYKSD EEVLLDVAGKDATDAFEDVGHSDEARDILKKYEVGKLEG FDPIRDMGGMDITNSFETIGHSSTALVQSKSFIIGRVDVS AKPLLRRAGGDATRDFS FHSRTAQNSWRQYKIGVLEGS IEELMKSAGIDATTIFDQVHRWVNIESMLAKCYLGPLK SEVVHLMAGRDATTAS YHPTDKPQKMLPKFEIGTLVSR FDEIAKGFGKDATGEFEEMVHPEGVLKKVLPP
UniRef90_K1VUW5 UniRef90_UPI000258D633	VKAIMLYAGKDATEEFEMVHPEGVLKKYLPE EEVLINLAGKDATTCFDEIGHTVEALQLRETYKIGTVSG AQSILNFAGRDATESFEMLHEDNFLPKYVPKSVLGVIKG
UniRef90_A5E1R5 UniRef90_E0VGZ4	A Q S I L N F A G R D A T E S F E M L H E D N F L P K Y V P K S V L G V I K G E <u>E V</u> L <u>L</u> D H A G K D A T E A F E D V G H S R D A R D M M S K Y K L G E L N E E
UniRef90_C5KZA3 UniRef90_A0A026X0N4	KLAI MTFAGKDAS EEVLAEHKGKDASEDFDDVGHS <u>KDA</u> MELMKK <u>Y</u> QVG <u>E</u> L <u>V</u> ES
UniRef90_F8NX00 UniRef90_K3X4E3	A SIVIE A F F DILIO D A T F A F Y GILI <mark>H H</mark> FIVI I IR P O Y A RILIO I IGIVI I F G F
UniRef90_A8N6D1	FKALLIYAGRDATEEENMUHDAKVIPRYAPDTVIGRVK
UniRef90_G6D0F1 UniRef90_A0A016VUB0	DET MLEYAGRDASTAFRSSGHSKMALKALDRFLVGELPMHMEIMLEYAGCDATDAFESVGHSLAARMLAEKYKIGTLPEHNASIVMNAGTDSTEDFEAV HSAKAWKQLDPFLIGYLDPA
UniRef90_C1MRK2 UniRef90_M1WC74	NASIVMNAGTDSTEDFEAV HSAKAWKQLDPFLIGYLDPA SGVILKHAGKDATEEFDPIHPPDTLDKYLDKSHLGKVDMD
UniRef90_E9CEY8 UniRef90_M2LXW0	E E V L L E N A G S D S T T A F E D V G H S T D A K K M L E Q Y Y I G D L D A A E E V L L D V G G Q D A T E A F E D V G H S D E A R E L L N G L L I G N L A P G
UniRef90_A0DWN7 UniRef90_O96099	VEKLMLGAGKD <mark>C</mark> TKLFNQFHSWVNGHAFLEQDYI GNLK EDILL <u>L</u> SAGRDATNLFES <u>Y</u> HPTDKH <u>Y</u> SLIKQYEI GYI <u>S</u> SY
UniRef90_K7IV84 UniRef90_UPI0004561705	NASI VMNAGT DSTEDFEAV HSAKAWKQLDPFLIGYLDPASGVI LKHAGKDATEEFDPIHPPDTLDKYLDKSHLGKVDMDBEVLLENAGSDSTTAFEDVGHSTDAKKMLEQYYIGDLDAAEEVLLDVGGQDATEAFEDVGHSDEARELLNGLIGNLAPGVEKLMLGAGKDCTKLFNQFHSWVNGHAFLEQDYIGNLKEDILLDAATEAFEDVGHSDEARELLNGLIGNLAPGVEKLMLGAGKDATEEFMALHPPDALEMMTKYQVGEIVEAAASIIGAAGQDATEEFMTIHSENAKAMMPDYHIGSLDEKAQSIISAAGCDATEEFMTIHSENAKAMMPDYHIGSLDEKAQQSIISAAGCDATEEFMTIHSENAKAMMPCYHIGSLDEKAQQSIISAAGCDATEEFMTIHSENAKAMMPCYHIGSLDEKAQQSIISAAGCDATEEFMTIHSENAKAMMPCYHIGSLDEKAQQSIISAAGCDATEEFMTIHSETAKAMMPKYHIGSLDEK
UniRef90_R8BBA3	A A S I I G A A G Q D A T E E F M T I H S E N A K A M M P D Y H I G S L D E K A Q S I I S A A G L D A T E E F M A I H S E T <u>A K</u> A <u>M</u> M P K Y H I G S L D E A
UniRef90_W9Y7P0 UniRef90_W3WIW6	
UniRef90_A0MLW3 UniRef90_U5EYQ7	IVID FILIM K GIVIG K D A T K Q F D FIVI <mark>H</mark> A WIVIN Y F QIL L IN K <mark>C</mark> Y ILIG PILI
UniRef90_A7KS54 UniRef90_F8MJF0	PFVARMFAGKDATAEFGDY HSPLAEKHMVHFLIGEIVTN MKIILKYAGKDATEEFDPIHPPDTLEKYLKDKHLGEVDPE REMVLLHAGREATDTFDSYHPSDKAESILNKYEIGT
UniRef90_T0QFY3 UniRef90_F0X0K4	REMVLLHAGREATDTFDSYHPSDKAESLLNKYEI GT VRYLMMAAGSDGTALFNDHHAWINGHAMLAK <mark>C</mark> YI GDLE
UniRef90_H0VVG2 UniRef90_Q179Y0	<u>S</u> RLIGHHGAEDATE <u>A</u> FHA <u>F</u> HQD L S V RK <u>F</u>  L RP  <u>LL</u> I GE L  <u>A</u> PE
UniRef90_G2Q4S2 UniRef90_Q6DDK2	VDELMRGAGKDATKLFDEVHAWVNYESLLAKCYLGKLVPETKIILKYAGKDATEEFDPLHPPDTLEKYLPKSK HLGPVMRIIGHYAGEDATDAFHAFHPDKTVRKFLKPLYIGELAENAQVILKHAATDMTRPYADVHDEELVEKTLPSAFIGKCDEA
UniRef90_J3PGQ3 UniRef90_B3SCI3	A Q V I L K H A A T D M T R P Y A D V H D E E L V E K T L P S A F I G K C D E A E E L L L E M A G K D A T L A F E E N G H S V D A R A L M G N Y Y V G N I
UniRef90_X6MJ26	KD <u>M</u> IL <u>LM</u> AGRD <mark>C</mark> T <u>DL</u> FLA <u>Y</u> HPTERPRE <u>VL</u> KKF <u>Q</u> IG <u>V</u> LKGD
UniRef90_V4KN29 UniRef90_H1VLT1	
UniRef90_C5L9K8 UniRef90_Q9DEX7	PEAILKYAGKDATEEWNMIHSFDVLKQYGGKYIVGKL LRILGHYAGEDATEAFTAFHPNQLVRKYLKPLLIGELEAS
UniRef90_M5BMP8 UniRef90_V2WQ92	D E V I   M A E G G K D A T E A F E D   V   G H S D E A R D   I L   K G   L   Y   V   G D F E G A L V   D P E V A G Q D A T D A F Y G L   H R S E V L   E K Q Y Q R L V I   G T   E G E
UniRef90_UPI0003337F0F UniRef90_UPI0002B42672	QRIVI ISHCAGEDAIDAFQAFHNPIIL VIQKFILIKPILLI IGEILIAPG
UniRef90_B4N423 UniRef90_UPI00021A7385	GELLĪEYGGKDATKAFNKAG <mark>H</mark> SS <u>DAEKDLKQYKI</u> GEV <u>NP</u> FEVLLDHGGKDASEDEDDVGHSKDALDIMKNEKVGELVEA
UniRef90_V4ZJ35 UniRef90_UPI00034FB347	ARILVEHAGTDISEVFRQYHAWVNAKHILEYNRVG
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UniRef90_W3XRT3	AKVI LQLAGRDATEEYDPIHPPGI LEENLKEAKLGKI DP
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UniRef90_W9Y2Z5 UniRef90_UPI0003B6A0F0	GELLLEYGGKDATKAFNKAGHSSDAEKDLKQYKIGEVNPEEVLLDHGGKDASEDFDDVGHSKDALDLMKNFKVGELVEAARILVEHAGTDLSEVFRQYHAWVNAKHILEYNRVGHRVFAVIAHPDLSEVFRQYHAWVNAKHILEYNRVGHRVFAVIAHPAGTDLSEVFRQYHAWVNAKHILEYNRVGHRVIAHPAGTDLSEVFRQYHAWVNAKHILEYNRVGHRVENEPKAILYAGRDATEAFRAYNLHRHEVLQKYANLCIGTVENEPKAILLYAGKDATEEFLMVHEASVISKYAKNTIIGTLKKMEVMMEQAGRDATEEFLMVHEASVISKYAKNTIIGTLKKREQULRGVGKDATEEFLMVHEASVISKYAKNTIIGTLKKREQULRGVGKDATEEFLMVHEASVISKYAKNTIIGTLKKREQULPKKREQULRGVGKDATEEFLMVHEASVISKYAKNTIIGTLKKREQULPKKREQULRGVGKDATEEYDPIHPPGLLEKFQVGYLVJAKVILQLAGRDATEEYDPIHPPGLLEENLKEAKLGKIDPVARILRYAGNDATKGFHSMHHPQYLETFLDGSLVGEIDAKVILQLAGRDATKGFHSMHHPQYLETFLDGSLVGEIDAKVILQLAGRDATKGFHSMHHPQYLETFLDGSLVGEIDAKVILQLAGRDATKGFHSMHHPQYLETFLDGSLVGEIDAKVILQLAGRDATKGFHSMHHPQYLETFLDGSLVGEIDAKGAIMAHVHMDTTEEFESIHPDWAFKKLSAFQVGLTEEDMILPAQSNKDASTHFELYHSSKESFLYLKHFYVGEVCEEATSIVSAAGLDSTDEFMAIHSSKESFLYLKHFYVGEVCEE
UniRef90_P43100 UniRef90_Q240P3	P F MII IKILIF A G K E A T WILIF K RIV L I <mark>H</mark> S E KIVIF K N K E K Y RIVIG T ILIK RIVI
UniRef90_Q00X31 UniRef90_I3NFH9	KKAII IMII IEAGKDATEEEN MII I <mark>H</mark> PPNIVI IKKVII IPDAKII IGTIVI
UniRef90_I2ECA7 UniRef90_A7AWX5	HRVLNHYAGEDATDAFRAMHLELDIVKYLKPLLIGELAPGFRVLYHYAGEDATEPFSAFHPDKFVQKYMKALQIGELAATRDHLLAFAGMDVTEEFMDTHPWVNAEFLLKSLLVGDLNTDAEVILRNAGKDATRIFKPLHPPDALDILDESQRLGPIDP
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UniRef90_B3M954 UniRef90_UPI000440EA6D	GDAL LEYGGK DASKAFK QAGHS DAERDLKNYKI GEL RPV EALILRRSGKDISPELEGHRHSENARRWMEQYYI GELDRD DDLILEVAGKDATKAFNSAGHS SDAVQQLKEFKI GEVAID AEVLAEAAGTDATEAFDNAGHSEDALDIMDTFQI GSLKG AKLILKYAGKDATSAYEPI HPPDALDKNLPEKHLGVLDNA
UniRef90_B4KW66 UniRef90_G3JPH1	A E V L A E A A G T D A T E A F D N A G H S E D A L D L M D T F Q L G S L K G
UniRef90_UPI0004622029 UniRef90_B3WFS6	A K [
UniRef90_R7QKT8 UniRef90_C7ZG04	PESI TMVAAT DVT E D F MAI HSDTAKAL KKYHI GT L DVVL LDLAGRDAT REFDDVGHSGDARARL DGLVI GEV SKI I LRYAGKDAT DEFDPVHPPDTLEKYLDKSHLGPVDMS DSVLSDISGQDASAEFET RLHSEKARKMAKEYLVGKVKGE VEELMKGAGTDAT DLFNQVHKWVNYET MLKRCCVGFL
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UniRef90_E9CDH9	<u>V</u> UDALLII SAGRD <u>V</u> JI Q <u>V</u> JFEMY <mark>H</mark> ALLDNSKN LLTKFY I IGDL <u>V</u> JTN

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UniRef90	_C5KZA3	
	_A0A026X0N4	ERK
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UniRef90	_ _A8N6D1	
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	C1MRK2	D
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UniRef90_ UniRef90	_G1XS05 E9CDH9	AAKKL
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UniRef90_K3X3P0	ILIR QILIS Y F FIVIFILI <mark>H</mark> D N F H D <mark>C</mark> WIV L LIG K KIVIY DILIT A FILID D H P G G
UniRef90_C5LIU3 UniRef90_R9TIN2	T WD E V A H H N S K H D C WTV I N G V V Y D I T S Y L D Y H P G G G L E I V S L A E V G Q H C T Y D D A W M V I Y D K V Y D V T D Y M V L H P G G
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UniRef90_M2YCK5 UniRef90_W5JN23	IL IK Q Y T M A E IV E S C D G K D G A WIL V I IR D N IV IY D IV IT R Y IL E E H P G S
UniRef90_Q8LLD7	R E II IT S E E II IK K H N K H G D II IWII ISII IO G K II IY D IVIS E WII IK D H P G G
UniRef90_G0WAH3 UniRef90_G8JTQ4	R KII ISILIS EIVIR R H T S A D D <mark>C</mark> W FII I I I H N K IVIY DII IT NIL LIS T H P G G
UniRef90_W3X5N1 UniRef90_U4L1L5	K T F S R D E   V   A K H T T E D D   V   W F   I I   D S K   V   Y D   V   S D F   L   D A H P G G
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UniRef90_UPI0004440F06	KREIWOEIIHRHNOKEDOWI VIIDRKIVIYNIVIIDWANRHPGG
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UniRef90_S2KG31	Y TILE OI REHRTPEDAWTAI OGKVV NI TPYI KEHPGG
UniRef90_E9EM52 UniRef90_UPI000455F866	RAILTILA EVREHSTSGDAWFVIDGEVYDPAGYLDEHPGG
UniRef90_N4UTI6 UniRef90_R4XN94	RIV VIT M D EIL IR Q H S G E T D P W F IV I IN G E IV IY D G T P F IL IE G H P G G
UniRef90_G0S4N3	A T P T Y T  L  A D  V  Q K R N K A Y G  V  W V I  T H G  L V  Y D  V I  K Y F D D H P G D
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UniRef90_J9MNW2	T Y T R A D V A K R N T S K Q C WV T Y K G F V Y D I T E F L E D H P G G T R R V S L D D L K Q H N T A N D C WI A V H S K V W D I T H F I N E H P G G
UniRef90_J9IYJ1 UniRef90_F0XFJ6	V R N L S K D E  V S A H A K D G D C W V   I   E G K  V Y D  V S  V Y M A K H P G GT A A E  V G K H T S R E S C W V   V H G R A Y D  V T E F  L P E H P G G
UniRef90_J4GJP7	TRRVSLDDLKQHNTANDCWVIAVHSKVVDITHFINEHPGG VRNISKDEVSAHAKDGDCWVIIEGKVYDVSVYMAKHPGG TAAEVGKHTSRESCWVIVHGRAYDVTEFLPEHPGG RTISGKEIAEHSSRESCWIIVHGKVYDVTEFLPEHPGG REISIEELRQHDNEKEPWFVLNGEVYDGAPFLEGHPGG ALPVITQEELARHDQPEDCWKAIHGKVYDITDYLPRHPGP
UniRef90_M7UB56 UniRef90_W8KNJ5	- All  P V       ()    E I    A R        ()
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UniRef90_Q292E3	IVIT R S FILIAIL IH N KIVIT D A WM AIL IR G RIVIF NIVIT R Y M D F H P G G
UniRef90_G4N2Z5 UniRef90_A7TND5	YI DAAELSRHNSKSSCWIVI HGQVWDVTEFLELHPGG SLKLITPQEVIKHNSKDD <mark>C</mark> WVVI NDLVYDLTFFIKKHPGG
UniRef90_J9FMM3	IL IQ RIVIT R A QIVIA E H N T N S NII IWM <mark>C</mark> II IG N QIVIY DIL IT T FIL ID Q H P G G
UniRef90_E1F8V6 UniRef90_D7FWC5	MRGITKAFIVROHNTOHD <mark>C</mark> WSIFRGKIVIYNII TPFII HYHPGG
UniRef90_C5DGP3 UniRef90_I7M6Q0	V T K A QL QK H N T A E D C W V L N Q R V Y C V S S Y L D F H P G G K V I T W L E L M K H T T K H D C W L V D D K V F D V T T Y L A E H P G G
UniRef90_E6RG09	S F Q R   V   T P A E   L   K E H N T P D D A W S A F N G M   V   Y N II   T P Y   L   P F H P G G
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UniRef90_D5GIF5 UniRef90_UPI0004409417	T G K D V A E H D N K E S <mark>C</mark> W V I I   H G K A Y D V T E F L  P E H P G G
UniRef90_D8PLD9	A S K Q F T R D E V A K H N K E G D L WV V I D A K V F D L S R F A D L H P G G L P T F T P A D I A S H N T E K S C Y V T L G S K V Y D V T S F L H D H P G G
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UniRef90_E1Z496 UniRef90_M3B5G7	TKEFTRDEVAKHNKQGDLWVIIDSNVYDLSKFAKLHPGG LRFFSFEEVKRLNAAGGCWLILDGMVLDVTRWLPEHPGG _KTFTFEEVQQHKSKESCWVILYGNVYDVTSFLPDHPGG
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UniRef90_U4KTT5	GLPTISTA ELEQHNSSKS <mark>C</mark> YVTI GSKVYDVTSFLSDHPGG LNLYTWQEIQRHSQEADQWLVIDRKVYNVTDW <u>A</u> GKHPGG
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UniRef90_G4TLT2 UniRef90_W7TTD4	MSEVEKHSSADDLWVVIDGKVYDVTPFMDDHPGG SAETVAAHNTRESCWIIVHGNVYDVTPFMDDHPGG AGKSYTWQEVAEHNTEKSLWVTVRGKVYDISSWVDNHPGG TKRFSLADVARNNREDSAWLVVNGVVWDVTGFADSHPGG LPTFTPAEVESHNTSKSCYVTIGQNVYDVTDFLESHPGG
UniRef90_W9ZGH9	TKRFSLADVARNNREDSAWLVVNGVVWDVTGFADSHPGG
UniRef90_J3NT93 UniRef90_UPI0002654FE9	L P T F T P A E V E S H N T S K S C Y V T I G Q N V Y D V T D F L E S H P G G L P M   R K A D L E N H N K D G G L W V V I D S K V Y D L K D F H E A A P C G
UniRef90_UPI00044085EA	L P MI R K A D L E N H N K D G G L WV V I D S K V Y D L K D F H E A A P C G V I S G D T V A E H N N R D S C W I V I H G N V Y D V T N F L D E H P G G K T F T V S D V A T H N K A D S L Y I I V D G D V Y D V T K F Q D D H P G G
UniRef90_G3JGR8 UniRef90_G3J538	KIFIVS DIVIA I H N K A D SILIYII I V D G D V Y D V I K F Q D D H P G G  E Y T L E Q V A E A N S P E N A WI V I H G K V Y N V S S Y L D D H P G G
UniRef90_UPI00034FDC66 UniRef90_W4KF01	EYTLEQVAEANSPENAWIVIHGKVYNVSSYLDDHPGGLPTYTAEEVSKHGDKNSFWVTYKHGVYDVTKFLPSHPGGLKEYTAEEVAQHNKEGDLWVVIDATVYDLSKFANLHPGG
UniRef90_B8N9H3	LKEYTAEEVAQHNKEGDLWVVIDATVYDLSKFANLHPGG KTFSKEDVASHNKPDNLWVVIDEDVYDLTKFQDEHPGG LITKKMVAKHKDLDDCWCIIRGKVYSISNYFKFHPGG
UniRef90_A7TS58 UniRef90_S6EMN6	T K K M V A K H K D
UniRef90_Q5ATD1	K Q F T R F F I I F K H S T F D D C WI V I N G N V Y D A T G V M S W H P G G
UniRef90_G8ZZN3 UniRef90_W8BRH9	L P K L R L A E V R E H N T A H D C WMA I   H G R V Y D V T P   L   S K H P G G Q E Y S  V  S E V A Q N N G H D G  V WII I I   K E S  V Y D M T E F   I   K E H P G G
UniRef90_H3BBF5	RAFTWEEVQQRNRREEKWLVIDRKVYDITQFCKRHPGG

University   1,308,409		50 60 70 00
University   Display   D	UniRef90_J3Q8W6	50 60 70 80 A S V L V   D K N V   K D A T K A F F G   H R S E V L   K K Y G R Y V I   G R   I   E G
UNINGRIGO ADDITION    RESTANT   US   A S N D	UniRef90_B3L2J9	EDILLAFOAGNDILTDYWEQYHPWWNVERILLENNYKGDILAF
UNINGRIGO ADDITION    RESTANT   US   A S N D		A A V L I H R T V O D A T D A F F GITH H F V L T R P O Y A RI O I G T V D G F
UNINGRIGO ADDITION    RESTANT   US   A S N D	UniRef90_K3X3P0	A E L L L D L A G M D V Q D E F E D I G H S A A A R E M L Q V L C I G E L K A D
Unimerio	UniRef90_C5LIU3	R G E L F Q G A G K D C T N L F N L Y H P WVS E E A L L R N A R L G P V
UNIRGESO MAYCKS  UNIRGESO MAYCKS  UNIRGESO MAYCKS  UNIRGESO GONDATS  E GALL E STED G S D G T E AF T G O H E S O G T E G P R I G E L A UNIRGESO MAYCKS  UNIRGESO GONDATS  E A PL L N L IA G G D D V T D A F (V) A F H P E G S A WK Y L D K F F I G Y L K D Y UNIRGESO GONDATS  UNIRGESO GONDATS  A K T L L K Y A G R D A T L D F Y D D V G H S T E V Y D M A P G S C L G E V D D UNIRGESO GONDATS  UNIRGESO MAYCH A K T L L K Y A G R D A T L D F Y D D V G H S T E V Y D M A P G S C L G E V D G UNIRGESO MAYCH A K T L L K Y A G R D A T L D F Y D D V G H S T E V Y D M A P G S C L G E V D G UNIRGESO MAYCH A K T L L K Y A G R D A T L D F Y D D V G H S T E V Y D M A P G S C L G E V D G UNIRGESO MAYCH A K T L L K Y A G R D A T L D F Y D D V G H S T E V Y D M A P G S C L G E V D G UNIRGESO MAYCH A G V D A S C D A T E C Y D Y M M M H F H E V L T K Y E S L L I G T V L G G L D T M M M M H F H E V L T K Y E S L L I G T V L G G L D T M M M M H F H E V L T K Y E S L L I G T V L G G L D T M M M M H F H E V L T K Y E V G G R L H N Q V A G C D A T E C Y F W M M M H F H E V L T K Y E V G G R L H N Q V A G C D A T E C Y F W M M M M H F H E V L T K Y E V G G R L H N Q V A G C D A T E C Y F W M M M M H F H E V L T K Y E V G G R L H N Q V A G C D A T E C Y F W M M M M H F H E V L T K Y E V G G R L H N Q V A G C D A T E C Y F W M M M M H F H E V L T K Y E V G G R L H N Q V A G C D A T E C Y F W M M M M H F H E V L T K Y T L M C Y L T K Y E V G M G C D A T E C Y F W M M M M H F H E V L T K Y T L M C Y L T K Y E V G M G C D A T E C Y F W M M M M H F H E V L T K Y T L M C Y L T K Y E V G M A T E C Y M M M M M M M M M M M M M M M M M M		PEVI VIDIJA GKDA HEFE FEGIVIĞH SKSARD MIVIQ QILC VIĞRLIN T.Q.
Unimerio	UniRef90_UPI0002A4C83A	FRVISHYAGEDATEVFAAFHPDQDVQKFLKPLHIGELAAT
UniReg90 (M2YCK5)  UniReg90 (M2YCK5)  UniReg90 (M2YCK5)  E A PIL E S L. C G S D G T E A F T G O H E S D R VIA E O L A E F R II G E L A UniReg90 (M2YCM5)  E A PIL L NIL A G Q D V T D A F V A F E E E F G S S D A W Y V L D K F F II G Y L K B Y V UniReg90 (M2YCM5)  UniReg90 (M2YCM5)  E A PIL L NIL A G Q D V T D A F V A F E E F G S S D A W Y V L D K F F II G Y L K B Y V UniReg90 (M2YCM5)  UniReg90 (M2YCM5)  E A PIL L NIL A G Q D V T D A F V A F E E F G S S D A W Y V L D K F F II G Y L K B Y V UniReg90 (M2YCM5)  UniReg90 (M2YCM5)  UniReg90 (M2YCM5)  E A PIL L NIL A G Q D V T D A F V A F E E F II G Y L K B Y V UniReg90 (M2YCM5)  UniReg90 (M2YCM5)  UniReg90 (M2YCM5)  E A PIL L NIL A G Q D V T D A F V A F E E F II G Y L K B Y V V V V V V V V V V V V V V V V V V	UniRef90_D8LHU7	ERNI VIDI SGRDIVIT DIVIFEAFHREPRHRQKILEGFRI GTILVIGY
Unice190	UniRef90_A0CF41 UniRef90_M2YCK5	E G A I E S L C G S D G T E A F T G Q H E S D R V A E Q L A E F R I G E L A
Unixel90	UniRef90_W5JN23	SELIEEWAGKDGTKPFEEFGHSSDALRTLRSLQIGVLEEQ
United   U		P DI LIKS N A G K DIVIT NIJE G PILH A P GIVIJE K YIJ P R C YIJ G PILES P
United   U	UniRef90_G8JTQ4	AKTLLKYAGRDATLPFDDVGHSTEVYDMAPGSCLGEVD
Unincerdon   Uni	UniRef90_W3X5N1	EAVLRQVAGTDATWAFYNLHRHEVLTKY ESLAIGTVEGE
Unincerdon   Uni	UniRef90_04E1E3	E A A I MAYAGKDASEQWN MIHPADT MERYGKKYEV
Unincidon	UniRef90_T0M7G1	VEVLKDVAGSDGTESFEYVGHSEDAYKTLAKFQI GVLEGE
Unincidon	UniRef90_I1CEB1 UniRef90_UPI0004440F06	HRILINHYAGODAT DIVIERAMHHI DI VIQILIYOK PILLIGELID P.G.
Unincidon	UniRef90_S7Q1Z4	<u>ISTDPE</u> IAGQDATEAFYG <mark>IHHEVLERPQY</mark> ARLQIGTIKDE
Unincidon	UniRef90_W2SG51	PKIIILIKYAGKDATEEYDPIIHPPDTILIDKYLIPK
UNIRGE90 LYPI000455F866  A A S   V R A V   K G T D T T E E F   L A     H S E G A R G M M K T Y H   G A   D A A UNIRGE90 R4XN94  A A S   F G A A G Q D V   S E E F   Y   T   H P S D A L R A M M P E Y H   V G S M D E UNIRGE90 C9S4N3  UNIRGE90 C9S4N3  A A S   V R A V   K G T D T T E E F   L A     H S E G A R G M M K T Y H   G S M D E UNIRGE90 C9S4N3  UNIRGE90 C9S4N3  A A S   V R G A A G Q D V   S E E F   Y T   H P S D T   K E G   L Q C N C   G F   D P N UNIRGE90 C9S4N3  A A   V L R V A G T D A A T E A F K E V S H S T E   A N K A M M P E Y H V G D L A A S E A F D D V F P   H P S D T   K E G   L Q C N C   G V   A G D UNIRGE90 C9S4N3  A A   V L R V A G T D A T E A F K E V S H S T E   A N K A M F C Y C M C   G V   A G D UNIRGE90 C9S4N3  A F F D D D   P G D A T E A F K E V S H S T E   A N K A M F C Y K K Y Y I I G E   L E E S C Y C Y C M C   A G D UNIRGE90 C9S4N3  A F F D D D   P G D A T E A F K E V S H S E   A W E C Y K K Y Y I I G E   L E E S C Y C Y C Y C Y C Y C Y C Y C Y C Y C	UniRef90_52RG51 UniRef90_E9EM52	SASIFGAAGQDVTEEFVTI HSENAKAMMPAYHIGKLDED
DINREYON_JSMMWV2	UniRef90_UPI000455F866	A A SIVIR A WK G T D T T E E F L A I I H S E G A R G M M K T Y H I I G A L D A A
DINREYON_JSMMWV2	UniRef90_N4U116 UniRef90_R4XN94	MDAV LIRVIA GT DASKVIFN PILIH PSDTLIKE GLOON CLIGFII DPN
DINREYON_JSMMWV2	UniRef90_G0S4N3	A A V L H E V A G D A T E A F K E V S H S L E A N D E L K M L Y T G D L A S E
UniRef90_CNZ-J6  EK       L   K   Y A G R D A T A A F D P P V   H P P N I   D D Q S H L   G P V   A D M UniRef90_MYUB56  UniRef90_MYUB56  A T   S     T   G A A G Q D S T D E F M A L   H P P R T A L D N L   P P P E K H L   G A V D P A L UniRef90_MYSHB  UniRef90_MYSHB  UniRef90_QNZS-HB  UniRef90_QS25-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_DTPOMO440B604  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A R   L L L Q Y A G D D G T L E F E K A G H P E E A Q G L L Q N Y C I G Y V T R D UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A R   L L K S A G R D A T S S Y E S V H D P D L L G K C Y V G P L K E N UNIREF90_AND-E3  UNIREF90_AND-E3  A R   L L K S A G R D A T S S Y E S V H D P D L L G K C Y V G P L K E N UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A E L L R T A G K D A T A L F D K Y H R WV N V I A T M L R P L A I G T L K T S UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A E L L R T A G K D A T A L F D K Y H R WV N Y D A R L G L V G V Y V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P		A F F D D D V V M E Y A G K D V F E I M N D H K H S K N A F G M I F E F K I G B I V D D
UniRef90_CNZ-J6  EK       L   K   Y A G R D A T A A F D P P V   H P P N I   D D Q S H L   G P V   A D M UniRef90_MYUB56  UniRef90_MYUB56  A T   S     T   G A A G Q D S T D E F M A L   H P P R T A L D N L   P P P E K H L   G A V D P A L UniRef90_MYSHB  UniRef90_MYSHB  UniRef90_QNZS-HB  UniRef90_QS25-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_DTPOMO440B604  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A R   L L L Q Y A G D D G T L E F E K A G H P E E A Q G L L Q N Y C I G Y V T R D UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A R   L L K S A G R D A T S S Y E S V H D P D L L G K C Y V G P L K E N UNIREF90_AND-E3  UNIREF90_AND-E3  A R   L L K S A G R D A T S S Y E S V H D P D L L G K C Y V G P L K E N UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A E L L R T A G K D A T A L F D K Y H R WV N V I A T M L R P L A I G T L K T S UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  UNIREF90_AND-E3  A E L L R T A G K D A T A L F D K Y H R WV N Y D A R L G L V G V Y V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P C L W G V X V P P	UniRef90_J9MNW2	PEVLLNEAGSDATELYNDVHAPDITEDEPSDKE I GELEES
UniRef90_JAGJP7  SK     L   K   Y   A   G K   D   A   T   A   E   Y   D   P   H   P   P   A   M   D   N   P   P   K   H   G   G   C   S   T   S   C   C   M   N   M   N   M   M   N   M   M   M		ADII L LENSNKDASQAYEDADHTRRAREL VKKYYI GELLTE
UniRei90 UP10004408604  VIG PL MK Q AG Q D A T K A F K K PI H P P G T L A M L P P G A H I G S I D P T UniRei90 Q4N254  UniRei90 G4N225  UniRei90 G4N225  UniRei90 A7TND5  UniRei90 J9FMM3  UniRei90 J9FMM3  UniRei90 J9FMM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  SE V L LK LA G H D A T S X Y E S V H D P D L V T K T L P S G L V G T I N P L UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  SE V L LK LA G H D A T E Q Y E D I G H S T D A R L M K D K Y L V A E I L V D E L UniRei90 L9FDM3  UniRei90 L9FDM3  SE V L LK LA G H D A T E Q Y E D I G H S T D A R L M K D K Y L V A E I L V D E L M K G A G R D A T A L F D K Y H R WV N V A T M L R P L A I G T L K T S L N R V H R WV N V A V A G R D A T A L F D K Y H R WV N Y D G L V G V M Y P P U D D L L E K L R V A G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L L R G K D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U N L R K W L R W W N Y E R L E T G L V G W Y P P U N L R K W L R W W N Y E R L E T G L V G W Y P P W L R K W L R W L R W L R K W L R W L R K W L R W L R K W L R W L R K W L R W L R K W L K S L L R D Q R L I G W L R W L R K	UniRef90_J4GJP7	SKI I LKYAGKDATAEYDPI HPPD I LDKTLDQS I LGPVADM
UniRei90 UP10004408604  VIG PL MK Q AG Q D A T K A F K K PI H P P G T L A M L P P G A H I G S I D P T UniRei90 Q4N254  UniRei90 G4N225  UniRei90 G4N225  UniRei90 A7TND5  UniRei90 J9FMM3  UniRei90 J9FMM3  UniRei90 J9FMM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  SE V L LK LA G H D A T S X Y E S V H D P D L V T K T L P S G L V G T I N P L UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  UniRei90 L9FDM3  SE V L LK LA G H D A T E Q Y E D I G H S T D A R L M K D K Y L V A E I L V D E L UniRei90 L9FDM3  UniRei90 L9FDM3  SE V L LK LA G H D A T E Q Y E D I G H S T D A R L M K D K Y L V A E I L V D E L M K G A G R D A T A L F D K Y H R WV N V A T M L R P L A I G T L K T S L N R V H R WV N V A V A G R D A T A L F D K Y H R WV N Y D G L V G V M Y P P U D D L L E K L R V A G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L L R G K D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U D L W R G R D A T A L F D K Y H R WV N Y E R L E T G L V G W Y P P U N L R K W L R W W N Y E R L E T G L V G W Y P P U N L R K W L R W W N Y E R L E T G L V G W Y P P W L R K W L R W L R W L R K W L R W L R K W L R W L R K W L R W L R K W L R W L R K W L K S L L R D Q R L I G W L R W L R K	UniRef90_M7UB56	ATSITGAAGQDSTDEFMAL HSETAKAMMPAYHIGTLSPS
UniRef90_Q392E3 UniRef90_G4N225 UniRef90_G4N225 UniRef90_A7TND5 UniRef90_A7TND5 UniRef90_BFMM3 SEVLLKEAGR DATSYESVHDPDLVTKTLPSCLVGTIN NP UniRef90_BFMM3 SEVLLKEAGR DATEQYEDIGHSTDERMK DKYLVAEIVDEUNIREf90_BFMM3 SEVLLKEAGR DATEQYEDIGHSTDENGKIN NP UniRef90_BFMM3 SEVLLKEAGR DATEGE PL UNIREf90_BFMM3 SEVLLEAGR DATEGE PL UNIREf90_BFMM3 SEVLLEAGR DATEGE PL UNIREf90_BFMM3 SEVLLEAGR DATEGE PL UNIREf90_BFMM3 SEVLLEAGR DATEGE PL UNIREf90_BF		DEILLIQYAGDDGTLEFEKAGHPEEAQQLLIQNYCI IGYVITRD
UniRef90_G4N2Z5 UniRef90_A7TND5 QD V 1 V G N A G K D QV S NIFFL PL H P D L D T L E K L P K D K V I L G V N E L UniRef90_J9FMM3 UniRef90_E1F8V6 UniRef90_E1F8V6 UniRef90_E7FWC5 UniRef90_TFWC5 UniRef90_TFWC5 UniRef90_TFWC5 UniRef90_TMGQ0 UniRef90_TMGQ0 UniRef90_TMGQ0 UniRef90_TMGQ0 UniRef90_TMGQ0 UniRef90_UniRef90_TMGQ0 UniRef90_UniRef90_TMGQ0 UniRef90_UniRef90_TMGQ0 UniRef90_UniRef90_TMGQ0 UniRef90_UniRef90_UniRef90_TMGQ0 UniRef90_UniRef90_UniRef90_TMGQ0 UniRef90_UniRef90_UniRef90_TMGQ0 UniRef90_UniRef90	UniRef90_UPI000440B604	V G P L M K Q A G Q D A T K A F K P I H P P G T L A M L P P G A H I G S I D P T
UNIRER90_DTPWC5 UNIRER90_DTPWC5 UNIRER90_CSDGP3 UNIRER90_ITM6Q0 UNIRER90_ITM6Q0 UNIRER90_EGRG09 UNIRER90_MSGFN0 UNIRER90_MSGFN		A RILLLIK S A G R D A T S S V F S V H D P DILVIT K TILP S CILVIG TILN P
UNIRER90_DTPWC5 UNIRER90_CSDGP3 UNIRER90_ITM6Q0 UNIRER90_ITM6Q0 UNIRER90_EGRG09 UNIRER90_MSGFN0 UNIRER90_MSGFN0 UNIRER90_MSGFN0 UNIRER90_MSGFN0 UNIRER90_MSGFN0 UNIRER90_MSGFN0 UNIRER90_MSGFN0 UNIRER90_DFN0 UNIRER90_MSGFN0	UniRef90_A7TND5	QDV I VGNAGKDŪS NIFLPLHPLDTLEKIPKDKI I GVI NE
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UNIRE90_D5GIF5 UNIRE90_DFLD9 UNIRE90_V5FUH4 UNIRE90_K1VQE2 UNIRE90_E1Z496 UNIRE90_G1Z496 UNIRE90_G2Q480 UNIRE90_H1VKA4 UNIRE90_O4NUA4 UNIRE90_O4NUA4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_O4NUA3 UNIRE90	UniRef90_M5GFN0	VPVI LSHSGQDATGLYDALHSGGFFETLLPEQHIGLVDPA
UNIRE90_D5GIF5 UNIRE90_DFLD9 UNIRE90_V5FUH4 UNIRE90_K1VQE2 UNIRE90_E1Z496 UNIRE90_G1Z496 UNIRE90_G2Q480 UNIRE90_H1VKA4 UNIRE90_O4NUA4 UNIRE90_O4NUA4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_O4NUA3 UNIRE90		A SIVIE D DI I P G Q D A T E IVIE Y GILLER H N D K SIVIK K Y LLK SIL L I G E IL IA P D
UNIRE90_D5GIF5 UNIRE90_DFLD9 UNIRE90_V5FUH4 UNIRE90_K1VQE2 UNIRE90_E1Z496 UNIRE90_G1Z496 UNIRE90_G2Q480 UNIRE90_H1VKA4 UNIRE90_O4NUA4 UNIRE90_O4NUA4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_C8VUQ4 UNIRE90_O4NUA3 UNIRE90	UniRef90_W9Y4A8	S R I I M K Y A G R D A T E A F Q P L H P A D T L E K H L
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UniRef90_UP100034FDC66   R D   V L L   E L A G G D A T N D F D F   V G H S K S A S K A   A E F E V G D   V A G UniRef90_UP100034FDC66   E Q I M N A G G L S   E P F W N V H K T P E I Y K L L E S Y R I G N L H UniRef90_B8N9H3   K K I L S R V G G K D A S K Q F W K Y H N E G I L K K Y K S K L Q V G S L V L A G K D A T Y Q F D D V G H S M E S F D M P K G C L K G R L E G S UniRef90_Q5ATD1   K A P I M A H V H Q D T T N E F E S I H D D F A N S K L K E C I L G T V UniRef90_G8ZZN3   C Q I L L K Y A G M D A T F P F D D V G H S M E I Y D M P S G T L K G L L D P R UniRef90_W8BRH9   D D S I L E Y A G K D A T K A F N E V G H S T D A I K Q M K S Y K I G V V R P E UniRef90_H3BBF5   S R V I S H Y A G Q D A T D P F T A F H N K P L V Q K Y M N S L L I G E L A P D	UniRef90_G3JGR8	KKI LQRVGGKDASKQFWKYHNEGILKKWHARLHVGSLD
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UniRef90_B8N9H3 UniRef90_A7TS58 UniRef90_GEMN6 UniRef90_Q5ATD1 UniRef90_GSZN3 UniRef90_W8BRH9 UniRef90_H3BBF5  K K   L   S R   V   G   G   K   D   A   S   K   Q   F   W   K   Y   H   N   E   G   L   K   K   Y   K   S   K   L   Q   V   G   S   L   UN   K   K   L   S R   V   G   G   K   D   A   S   K   Q   F   W   K   Y   H   N   W   V   N   V   E   R   L   E   T   G   F   V   G   N   L   UN   G   S   C   C   C   C   C   C   C   C   C	UniRef90_W4KF01	VGV LLASTVK DATEAFFGLHRQEVLRRAYARLRIGSLAGA
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	U4L1L5	T P
	C5KHL3 T0M7G1	Т
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UniRef90_Uni	C5DGP3 I7M6Q0 E6RG09 M5GFN0 UP100039927B9 J4GUH5 W9Y4A8 Q6CBP3 D5GIF5 UP10004409417 D8PLD9 V5FUH4 K1VQE2 E1Z496 M3B5G7 G2Q480 H1VKA4 C8VUQ4 U4KTT5 Q0VAX3 X6M554 I1CKX8 Q233Z4 P82291 A0A059LSD4 M5G838 F2SZ46 W7ATW2 C1N4B1 G4TLT2 W7TTD4	T V P V V Q P S  E  S T A K T P T D L P A V S L K K L T S S S K E P S Q S E A N [] E S K [] T V K M
UniRef90_Uni	C5DGP3 I7M6Q0 E6RG09 M5GFN0 UPI00039927B9 J4GUH5 W9Y4A8 Q6CBP3 D5GIF5 UPI0004409417 D8PLD9 V5FUH4 K1VQE2 E1Z496 M3B5G7 G2Q480 H1VKA4 C8VUQ4 U4KTT5 Q0VAX3 X6M554 I1CKX8 Q233Z4 P82291 A0A059LSD4 M5G838 F2SZ46 W7ATW2 C1N4B1 G4TLT2 W7TTD4 W9ZGH9	T V P V V Q P S  E  S T A K T P T D L P A V S L K K L T S S S K E P S Q S E A R E G E N [] E S K []
UniRef90_Uni	C5DGP3 I7M6Q0 E6RG09 M5GFN0 UP100039927B9 J4GUH5 W9Y4A8 Q6CBP3 D5GIF5 UP10004409417 D8PLD9 V5FUH4 K1VQE2 E1Z496 M3B5G7 G2Q480 H1VKA4 C8VUQ4 U4KTT5 Q0VAX3 X6M554 I1CKX8 Q233Z4 P82291 A0A059LSD4 M5G838 F2SZ46 W7ATW2 C1N4B1 G4TLT2 W7TTD4	T V P V V Q P S  E  S T A K T P T D T L P A V S L K K L T S S S K E P S Q S E A S E G E N I E S K I  T V K M D
UniRef90_Uni	C5DGP3 I7M6Q0 E6RG09 M5GFN0 UPI00039927B9 J4GUH5 W9Y4A8 Q6CBP3 D5GIF5 UPI0004409417 D8PLD9 V5FUH4 K1VQE2 E1Z496 M3B5G7 G2Q480 H1VKA4 C8VUQ4 U4KTT5 Q0VAX3 X6M554 I1CKX8 Q233Z4 P82291 A0A059LSD4 M5G838 F2SZ46 W7ATW2 C1N4B1 G4TLT2 W7TTD4 W9ZGH9 J3NT93 UPI0002654FE9 UPI00044085EA	T V P V V Q P S  E  S T A K T P T D L P A V S L K K L T S S S K E P S Q S E A N [] E S K [] T V K M
UniRef90_Uni	C5DGP3 I7M6Q0 E6RG09 M5GFN0 UPI00039927B9 J4GUH5 W9Y4A8 Q6CBP3 D5GIF5 UPI0004409417 D8PLD9 V5FUH4 K1VQE2 E1Z496 M3B5G7 G2Q480 H1VKA4 C8VUQ4 U4KTT5 Q0VAX3 X6M554 I1CKX8 Q233Z4 P82291 A0A059LSD4 M5G838 F2SZ46 W7ATW2 C1N4B1 G4TLT2 W7TTD4 W9ZGH9 J3NT93 UPI0002654FE9 UPI00044085EA G3JGR8	T V P V V Q P S  E  S T A K T P T D T L P A V S L K K L T S S S K E P S Q S E A S E G E N I E S K I  T V K M D
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UniRef90_Uni	C5DGP3 I7M6Q0 E6RG09 M5GFN0 UPI00039927B9 J4GUH5 W9Y4A8 Q6CBP3 D5GIF5 UPI0004409417 D8PLD9 V5FUH4 K1VQE2 E1Z496 M3B5G7 G2Q480 H1VKA4 C8VUQ4 U4KTT5 Q0VAX3 X6M554 I1CKX8 Q233Z4 P82291 A0A059LSD4 M5G838 F2SZ46 W7ATW2 C1N4B1 G4TLT2 W7TTD4 W9ZGH9 J3NT93 UPI0002654FE9 UPI00034FDC66 W4KF01	T V P V V Q P S  E  S T A K T P T D T L P A V S L K K L T S S S K E P S Q S E A S E G E N I E S K I  T V K M D
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UniRef90_B6AE00 UniRef90_S2JU43	I I K V E E L K K H C T A N D C WV S Y N G K V Y D I T K Y L D Y H P G G M E E Y T L K D V S K H Q S A D S C WV V Y N D K V Y N V T E F I Q D H P G G S L K A L T A E E V S R H N K A D D C WI I M D G M V Y D V T D F L N L H P G G
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UniRef90_S4RHN5 UniRef90_UPI00046244B9 UniRef90_F0ZPD9	LRTLTREEVALHNKEDDLWLTVDAKVYDVTKFKNLHPGG
UniRef90_C5P468 UniRef90_S7RKZ3	F S K D A V A S H N N A G D L WV I I D E D V F D L T K F Q D D H P G G R L F T E E E V A Q H N K E G D V W I _ I D S K V Y D V S K F A D M H P G G
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UniRef90_Q4G2T2 UniRef90_Q4WW33 UniRef90_G2QB14	LRV TPSMLKAHNKKDNAWTAIYGKVYNMTAYLPFHPGGLKRYSPSQISQHNTPTDAWLIYKSQVLDISKWISHHPGGSRPVYSLQEVSRHNIAKDLWIVIEKEVYDVTQFQAEHPGGKQITKAEVAQHKDEKSMYIIIDDGVYDVAGFLDDHPGG
UniRef90_U5H1Z0 UniRef90_W2S6I8	K QI T K A E V A Q H K D E K S M Y I I I D D G V Y D V A G F L D D H P G G K T I T K S E L E K H N S P A G Y WL L I E S Q V Y D V S K F L D D H P G G I S Y S E V Q Q H K S K D S C W V I L Y G E V W D V T E F L P S H P G G L P V F S L A E L K L H T T E K S C Y V T R G S K V Y D V S S F L N D H P G G
UniRef90_C1GHC8 UniRef90_C1N6E7	TIFEDIVIARDDAPDDAW <mark>O</mark> VVIADIVVITDII II AWII ISKAPGG
UniRef90_A0A015L437 UniRef90_M7WL19 UniRef90_C5KQC2	S G K K L T WE E L A Q H N K A D D A Y VAI R G N V Y D I T N F I K R H P G G Q T F T K E Q V A S H T S E K D V WI I V E G G V Y D V T K F L D D H P G G I T M E E V A R H G T P N D C WI V V N G E V L D V T D Y I K E H P G G K L L S V E E I S K H N T P D D C WI V V D G K V Y D M T E F A P D H P G A
UniRef90_C5KQC2 UniRef90_M3AJQ4 UniRef90_H9KPL1	QTFTKEQVASHTSEKDVWI I VEGGVYDVTKFLDDHPGG ITMEEVARHGTPNDCWI VVNGEVLDVTDYLKEHPGG KLLSVEEI SKHNTPDDCWI VVDGKVYDMTEFAPDHPGA LARYSLKEVATRDGKERVWL VI YDMVYDVTDYKDKHPGG TRLVTLEELREHEDEKEPWFVVNGQVYDGTPFLEGHPGG LPTI TRTEVEQHNSRKSCVVITIGERVFDVTDFI DDHPGG SDKPI TKEEVAKHNKKDDAWVI YENKVYEVTHYLKYHPGG TRYLSLAEVARHRTAEDCWVVHDRRVYDVSGFVQRHPGG UVTEELAAHDSGESCWKAIDGQVYDVTEYI PRHPTS
UniRef90_F7VRK6 UniRef90_W9WK35	LARYSLKEVATRDGKERVWI VIYDMVYDVTDYKDKHPGG TRLVTLEELREHEDEKEPWFVVNGQVYDGTPFLEGHPGG LPTITRTEVEQHNSRKSCYVTIGERVFDVTDFIDDHPGG
UniRef90_C0H542 UniRef90_V9KXM8	S DK PI T K E E V A K H N K K D D A WV I Y E N K V Y E V T H Y L K Y H P G G T R Y L S L A E V A R H R T A E D C WV V H D R R V Y D V S G F V Q R H P G G L V T E E E L A A H D S G E S C WK A L D G Q V Y D V T E Y I P R H P T S
UniRef90_UPI00035CC9FE UniRef90_B0D6Q2 UniRef90_K1W0V0	L VT E E E L A A H D S G E S C WK A L D G Q V Y D V T E Y I P R H P T S Y T VE D V A S H S N A S S C WI S R A G K V Y D V S G F L N D H P G G  L K P M T R D E V A Q H N K A G D L WI I I D S I V Y D L S K F G K L H P G G T G E Q V A E H S N V E S C W V I V H G R A Y D V T E F L P E H P G G
UniRef90_B2WEY8 UniRef90_L5M1U0	YTVEDVASHSNASSCWISRAGKVYDVSGFLNDHPGG LKPMTRDEVAQHNKAGDLWIIDSIVYDLSKFGKLHPGG TGEQVAEHSNVESCWVIVHGRAYDVTEFLPEHPGG VVLDVAFSLLGQELYQHPGG RLISFDELKAHSDSGEPWFVVNGEVYDGTKFLEGHPGG DEVAKHSSRESCWVVIADRVYDVTEFLDSHPGG
UniRef90_S7Z9T9 UniRef90_UPI0004413E88	V V L DVA F SI L G Q E L Y Q H P G G R L I S F D E L K A H S D S G E P W F V V N G E V Y D G T K F L E G H P G G D E V A K H S S R E S C W V V I A D R V Y D V T E F L D S H P G G
UniRef90_G3J5K5 UniRef90_A8NTW4 UniRef90_W2RUP6	
UniRef90_UPI0002C34B9A UniRef90_H0EHI8	KII IY I KAEIVIAILIH N K R I D C WIV I I IK N K IV IY D IL II P Y IV IE IV IH P G G
UniRef90_B2AL12 UniRef90_W2SAB8	F S A E E V V K H N T P E S C W V A L Y G N V W D V T S F L P S H P G G K T F T Q A D V A S H K T T D S L W I T I D G D V Y D L T K F Q D D H P G G S V E E L S K H D T V D D A W I V I N G T V W D V T E F A P R H P G G
UniRef90_M4G924 UniRef90_G3AX98	SVEELSKHDTVDDAWIVINGTVWDVTEFAPRHPGG KEVSYDELSQHNTKESCWVVIYDKVWDVTDFLNTHPGG LVSVDEVLRHNKPDDCWLAINGKVFDVTKFLLIMHPGG
UniRef90_A0A010QV55 UniRef90_A9SSF0 UniRef90_K6WNV9	RTWSLPEVRQHRTVDDCWMAIHGKVYDITSFLPNHPGG FSVEEVAAHKNTNDAWLVVDGEVYDVTAFLETHPGG FTMAQVAEHNTASSCWTAIEGEVYDVTNWISQHPGG
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UniRef90_A1CSK1 UniRef90_B8M112	FTPAQVSSHNTPDSLYIIIDQAVYDVTKFVDEHPGG SDKTFTPADVATHNTPDGLYIIDSGVYDVTNFADEHPGG
UniRef90_UPI00035952F9 UniRef90_X8JAF0 UniRef90_W0TAE7	VKIYTALDVAVHATSRDCWVSRNGKVYDVTPFLADHPGG
UniRef90_S9W9H6 UniRef90_D8SY73	F T M A Q V A E H N T A S S C W T A I E G E V Y D V T N W I S Q H P G G  L V S Y S E L Q K H T D S S R P W V L I D G Q V Y D V S H I L D T H P G G  G V K Y Y R L A E I E K Q N S F K S T W I I I H N K V Y D V T K F L E E H P G G  F T P A Q V S S H N T P D S L Y I I I D Q A V Y D V T K F V D E H P G G  S D K T F T P A D V A T H N T P D G L Y I I I D S G V Y D V T N F A D E H P G G  V K I Y T A L D V A V H A T S N D C W S R N G K V Y D V T N F L A D H P G G  V K I Y T A L D V A V H A T S N D C W S R N G K V Y D V T N F L N K H P G G  S I E E V R Q H N T P E D L W I V I H N V V Y D C T E F V R Y H P G G  S I E E V R Q H N T P E D L W I V I H N V V Y D C T E F V R Y H P G G  L P L J S Q E E V T R H R S K D G V W V T Y K G G V Y D I T E F V S M H P G G  L R K W D A K E V A K H N T P E S C W V I L Y G N V Y D V T D F L S S H P G G  K Q I S I D E L R K H D N A E N P W F V V N G E V Y D G T V F L E G H P G G
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UniRef90_C5DDV5 UniRef90_Q0UQE2 UniRef90_E3MZY8	K QI S I D E L R K H D N A E N P W F V V N G E V Y D G T V F L E G H P G G L P I Y T Q E E V K K H G K E D R I W V T Y K D G V Y D V T D F I S M H P G G S L P R F R L N E V R K H D K S G S P W V T Q G D K V Y D I T E W V G A H P G G
UniRef90_L2FN24 UniRef90_E3QDY9	SEPRFRENEVRKHDKSGSPWVTQGDKVYDIITEWVGAHPGG QTFTTQEVAQHKT <u>E</u> KDMWII <u>V</u> ENGVYDIITAFQSEHPGG
UniRef90_H3AAQ6 UniRef90_M7S6W0	QTFTTQEVAQHKTEKDMWIIVENGVYDITAFQSEHPGG KKFSRAEVHRHQSLDSCWVIHSGKVYDISKFVRMHPGG REINLDEFRKHGGEVEPWFAVNGQVYDGTGFLEGHPGG
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UniRef90_F0XEQ0 UniRef90_M3B762	K Q F T R E E     E K H D K D N D C W   V     D G K V Y D A T S V     D W H P G G K S F T P A D V A K H K T A D G L Y V I I   D G G V Y N V T D F V E E H P G G K Q F T R Q E     E K H N T E S D C W L V V D G K V Y D S T S V L S W H P G G
UniRef90_Q0CFD9 UniRef90_Q2UAT2	K Q F T R Q E I E K H N T E S D C WL V V D G K V Y D S T S V L S W H P G G K Q F T R E E I E K H H T E D D C WI V V N G Q V Y D A T S V L S W H P G G T G A D V A E H N S R D S C WV I I H G K A Y D I T E F L P E H P G G
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UniRef90_F0ZATT UniRef90_M1BPG9 UniRef90_V5RV95	SKKY TAEELKKHNKREDVWLSVQGKVYNVTDWIKQHPGG KTYSLAEVVTHNSEKDOWMAIIEGKVYNVTDFIPKHPGG
UniRef90_S7RZZ3 UniRef90_M2R4L5	APKYVŠÝQDVQKHKŠKDŠ <mark>Č</mark> WVII EĞQVVYDTTPILDTHPĞĞ LISAQTVAKHNSREŞ <mark>C</mark> WLI VSGKVYDVTDF <u>M</u> DDHPĞĞ
UniRef90_I2FUL6 UniRef90_A0A017SM87	VKSLTADQVVQHRTKDSLYLVI HDKVYDVTNG LPEYTMEKVQEEFSKGEQLIVVDGFVHDVRGFIDEHPAG LPQFTLEEVAKHNTRDDCWLIINEKVYNVTSYVSSHPGG SKKYITAEELKKHNKREDVWLSVQGKVYNVTDWIKQHPGG KTYSLAEVVTHNSEKDCWMAIEGKVYNVTEFIPKHPGG APKYVSYQDVQKHKSKDSCWVIIEGQVYDTTPILDTHPGG LISAQTVAKHNSRESCWLIVSGKVYDVTDFMDDHPGG VVTASELATHADGEGPWFIVHGHVYDGTGFLKDHPGG SEKLLSVEQIAGHNTPEDCWIVVDKXVXNANHPGG
UniRef90_G7I9X4 UniRef90_F4YIB5 UniRef90_G8Y727	YI SLQELQKHNTRGDAWI SI DGKI YDVSKWANHHPGG KYI TSDELKKHNKPNDLWI SI QGKVYNVTEWAKIHPGG SLPLVSSAEVSKHNHAKDCWVTLYGRKYNVTGFLDEHPGG
UniRef90_G8Y727 UniRef90_A0A011R5D4	A E K V I A R S E L A R H A L P D N C WMAI R G A V Y D L S A Y L P R H P S P

INTERIOR DISCORDER   FIRST		50 60 70 80
Indeed	UniRef90_M3D9M7	EVVLIRQVAGQDATEAFYNLIHRQQIVLITQY KAIL <mark>C</mark> LIGPILIEGE
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Interest		KAVLEDSALQDATEAFFS <mark>VHRSDVL</mark> EKQYARLKIGILLGK
June 2019   June	UniRef90_S2JU43	D D L I L D Y A G Q D V T A V M K D H E H S D S A Y E I L E E Y C I G T I V
Junkes   J	UniRef90_I7AQ48	MDVIMKYGGKDCTDAFNEAHGYVN KELLLNSVVGLV
Interest		DKILLA AGGALEPEWAWHNNEHVLELLEEYRLGRUDOS
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James	UniRef90_F0ZPD9	REELLIRAAGNDSTQII IFEFRHSWIVINFEAMMILIKYMIVIGYILVIPE
A	UniRef90_C3F466 UniRef90_S7RKZ3	A SIVIFY PETIVIRDAT KIVIFF GILIH HEIVL LIRPQY SRILIQII GTILI I I GQ
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JAIRCETOU_MISB/62 JAIRCETOU_MISB/62 JAIRCETOU_MISB/62 JAIRCETOU_QOCFD9 JAIRCETOU_QOCFD9 JAIRCETOU_QOCFD9 JAIRCETOU_QOUAT2 JAIRCETOU_QUUAT2 JAIRCETOU_QUUAT2 JAIRCETOU_QUUAT2 JAIRCETOU_MISB/62 JAIRCETOU_QUUAT2 JAIRCETOU_MISB/62 JAIRCETOU_QUUAT2 JAIRCETOU_GUUAT2 JAIRCETOU_MISB/62 JAIRCETOU_QUUAT2 JAIRCETOU_GUUAT2 JAIRCETOU MA A R NI I DT L RI GR L VE K L G R L VE K JAIRCETOU MA CORNAL H P P D A L S T H L P E K F L G L V D P K JAIRCETOU MA D H E H S MV A K K ML R D Y H L G K L D T S JAIRCETOU MA D H E H S E S A Y E M M D E ML V G Y L A T E JAIRCETOU MA D H E H S E S A Y E M M D E ML V G Y L A T E JAIRCETOU MA D H E H S E S A Y E M M D E ML V G Y L A T E JAIRCETOU MA D H E H S E S A Y E M M D E ML V G Y L A T E JAIRCETOU MA D H E H S E S A Y A D E L A K Y R L G L A A N	UniRef90_F0XEQ0	EKIL RRMAGRDASKAF WKYHSAKVIDKY SERIKV GTLAES
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JNIRET9U_F4YIBS  E [I   P   L   M   N   L   A G Q D   V   I D A F   L   A F   H P G S A WE H L S K L   F T G Y  JNIRET9U_G8Y727  A E I I L P Y A G Q D L T Q L M A D H E H S E S A Y E M M D E M L V G Y L A T E  JNIRET9U_A0A011R5D4  P E L V L P W C G K E A T E A Y D G R P H S A Y A D E L L A K Y R L G L L A A N	UniRef90_G7I9X4	ELPL LINEA GODVIT DAFLAF HPPSAYKHLQNFATG
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UniRef90_C5E0M1 UniRef90_F9X4R5	L   Q   L   F   S   Q   E   Q   L   S   K   H   N   N   E   K   D   C   W   V   Y   Q   R   K   I   Y   N   V   T   E   F   L   D   E   H   P   G   G   L   P   T   L   P   S   A   E   V   A   S   H   N   T   A   D   S   C   Y   V   T   V   G   T   K   V   Y   D   I   T   P   F   L   E   D   H   P   G   G   G   T   T   T   T   T   T   T
UniRef90_UPI0003D0F32C UniRef90_C4XXK0	A GRRFT WE QI A A RT GRG Q P WL VI H R K V Y DI S H F H R R H P G G L P L L S Q A D L A K H N T A Q D C W V T Y N R K V Y N V T K F L D E H P G G
UniRef90_V5FDX1	RIL VIS A Q DIVIS Q H N T P A D <mark>C</mark> WII V VID G QIVIWDIVIT D F IL IE E H P G G
UniRef90_UPI0003C378CC UniRef90_U5HD35	K T F S A A FIVIN K H K S A F S A W T II. VID G GIVIY DIVIT F F II. IF D H P G G
UniRef90_L8GW06 UniRef90_H3EB61	ELS WRQLAEHNKEGDAWLALRGQVYDVTSWVNAHPGG LPVYKREEVKKHGKSERMWVTYKMGVYDITDFVESHPGG
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UniRef90_R7V5K6 UniRef90_B3SAQ3	M P E Y S W D E   I   Q R
UniRef90_G5BB93	SPRMYTKEEVSSHNSPEGIWVTLGCEVFDVTEFVDLHPGG
UniRef90_V9DRQ8 UniRef90_A1D1H7	T P A Q L K M Q N G R K D A W T V Y Q G K V Y N I T P Y V P F H P G G L P T F T H A E V E T H S H A K S C Y V T L G S K V Y D V T S F L N D H P G G S R K Y I S S E E L K N H N K P G D L WI S I Q G K V Y D V S D W V K E H P G G
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UniRef90_S2JIA8	FTITEEVAKHRTDTDVWILLIHGKVYDVTNFLQEHPGG
UniRef90_G9MJK2 UniRef90_E9DX26	S R K V S T W E V T Q H N K R G D A WI V V D G E V Y D M T E F A P E H P G G T R K V S V S E V R Q H S S P D S A WI V V D G N V Y D M T D F A P S H P G G
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UniRef90_V4AT49 UniRef90_X8JGE6	Y F T E E E L LEHNKADDKWI QI G G K V Y NI T H F A K K H P G G
UniRef90_D7MXR5 UniRef90_S8EAS9	Y F T E E E I LE H N K A D D K WI QI G G K V Y N I T H F A K K H P G G S A H E V A T H N T P E S C WI I V S G Q V Y D V T E F L S E H P G G K V F T L A E V S Q H S S S Q D C WI V I D G K V Y D V T K F L D D H P G G V T P S M L K E H R T R D D A W S A F N G K V Y N V T S Y L P Y H P G G I A A S E L S K H D K K D D V WI S V N G L V Y N M T E F A P E H P G G S R K M I S M D E V E K H N G G Q G L W V V I K G E V Y D V T N F V D N H P G G
UniRef90_C7YKX2	V T P S M L K E H R T R D D A W S A F N G K V Y N V T S Y L P Y H P G G I A A S E L S K H D K K D D V W I S V N G I V Y N M T E F A P E H P G G S R K M I S M D E V E K H N G G Q G L W V V I K G E V Y D V T N F V D N H P G G
UniRef90_UPI0004560606 UniRef90_I1G2X2	S R K MILS M D E IV E K H N G G Q G L W V V L K G E IV Y D IV T N F IV D N H P G G V R R F T W K E L S Q L N T R E N A H V A Y R G K V Y D V S S F V S R H P G G
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UniRef90_B8N6B7 UniRef90_U5GZL5	RVIGFEEFKENSCDEKPWFIVNGEVYDGQAFLEGHPGG
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UniRef90_W9JHY3 UniRef90_G7XVK3	PTFTAAEVKLHNSASS <mark>C</mark> YVTTGSEVYDVTEFVQDHPGG ROLSAQQUSEHKTPDDCWUVVDNOVWDVTDFUFFHPGG
UniRef90_D8TX78 UniRef90_T0RHA0	PITT REEVAKHKTPDRIWVTYKEGVYDI TEFVEMHPGG ISWATI REHNRQDNAWI VIHHKVYDI SAFED HPG
UniRef90_E2LTM7	YTLEEVAEHNKPHS <mark>C</mark> WVIVNEQW KEHPGG
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UniRef90_P09 UniRef90_A00 UniRef90_K5V UniRef90_W6	CG07 W184	Q K	A G K D A F G K D A A G D D A A G Q D V	TRDFN	EVGH IAL H DHEH	PDTIE TSGAR SIDAK SDAAY	QILLEI QKLAI EILDI	E K H L G P L K Y K I G T V E Y H I G T L E C H I G F V	V G D K N V G S
UniRef90_Q69 UniRef90_A0A UniRef90_UPI UniRef90_Q5A	A023F6G2 I0003C28736	PVIFTQ EIILLAA RSKILLA	A G R D A G A A D P A G G A	T D S F K F W N L Y L E P F W	V F H : A V H K : A V H N :	SAKAW QEHIL QAHVR	Q F L Q I E I L E I D L L R	D L Y I G D L G Y R I G N L E Y K V G E L E F E V G E L	Y N A N K E H P E
UniRef90_QSr UniRef90_W4' UniRef90_F0V	ANP7 WW37 VD55	KATILAH SSKIMMA GSVMYT	A G G D P	TEAFE FWMMF TDVF	ANHN	$P \land O \land F$	SILLES	E	S E E V
UniRef90_C72 UniRef90_L8F UniRef90_B70 UniRef90_I3U	HGK9 G6R1	GAVIFT KKALMIF	A G R D A G G D S T A G D D M A G K D A	T DILIF A	A F H A	PGS Q	SLMKI	F	DSS Q LPE
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UniRef90_UPI UniRef90_C5E UniRef90_F9X UniRef90_UPI	E0M1 K4R5 I0003D0F32C	A E Y I L K Y G D L I L D F A R V I S H Y	A G R D V A G Q D A	T E <u>V L  </u> K K E A M E T D P F T	DHEH DHAH AFH	SESAY SESAW DKAVR	E I L D I E I L D I K Y M N :	P	APD
UniRef90_C4) UniRef90_V5F UniRef90_UPI UniRef90_U5F	FDX1 I0003C378CC	DDLILEY SAIILKY DKIM L	AGKDL	I	IHEH EIHA AIHN	S	EMLEI DNLPI SLLE	D M L V G Y L D K L K G T L T Y R I G N I K M L I G S V	ATP DAS SPE EG
UniRef90_L80 UniRef90_H3E UniRef90_D4/ UniRef90_UPI	GW06 EB61 A3Q8	KDTILLIN DKIIMAA	A G R D A G G A D P V G G G A A G Q D A /S G Q N A	T QLF E F WALY	AY H	P V WV S	KILEI	RYRVGSL	D D S D P T H P D
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UniRef90_A0A UniRef90_UPI UniRef90_S2J UniRef90_G9N	10004560671 JIA8	D	AGDDA	Y WALLY TEDFM SKOED	AQHE IAI H: AVHN	S I D A K	GILE KMMRI NIDAAI	DFHLGRL	DPS E SDS DTS
UniRef90_E9D UniRef90_Q9\ UniRef90_E6\	DX26 V4N3-2 √E80	PEIIIHQY FEVIIFC		SVPYS TENFE TEAYD	EVHA DVGH GRKH	PSLIR PSLIK SNDAR SPEAD	SSLDI DMMKI ALLRI	X	DTA VES
UniRef90_K7F UniRef90_D87 UniRef90_V4 <i>F</i> UniRef90_X8J	TTX2 AT49	EDSILAH AKIISHY SALIIKH	A G T D C S G Q D A	SQEFR TDAWV TAAVE	A F H D	PPVAW DKDVQ	RQLQ/ KYLK FISD	A Y Y I G D L P L L I G E V E K B K G T V	APE K
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UniRef90_E9DX26	TVTE
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UniRef90_W2SF70 UniRef90_B8N6B7	
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UniRef90_B7PGM8	D
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UniRef90_I1FNN5	Е
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UniRef90_M2V3Q8	F
UniRef90_G0TT18 UniRef90_N4UUA6	Е
OUNCISO_IN4OOMO	

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UniRef90_C1GLP3	Q T       S       R E    V    G A H N T S N D C W       A    V    E N Q    V    W D    V    T D F    L    S E H P G G
UniRef90_G8ZNK3 UniRef90_R7YL75	LELFSRKQVSEHNNAND <mark>C</mark> WVTVNRKIYDVTKFLDEHPGG QRFSKDDVAAHKKPDDLWIIVDEDVYDLTNFQEEHPGK
UniRef90_W2RL98 UniRef90_K1Y3A0	KTLTPSDVSAHSSKGGMWIIVDDSVYDVTNFVDEHPGG LPTFLQDEVAVHNTAESCYVTLGSRVFDITDFLDSHPGG KLISVQEIENHKDEKSAWVIVEGKVYDVTDFLEEHPGG
UniRef90_E3KWB0	K
UniRef90_M2LU99 UniRef90_G9MQA9	IL IP IL IM T R D E II IE A IL I IA S G R HII I I I IY G G Y IV L IR IL ID G WIL IQ Y H P G G
UniRef90_Q1HQ61 UniRef90_Q0CLA6	SVHKYTRAEVAARDNNKQNLIITDNVVYDVAAFLEDHPGG KVLSTREISAHNSHDDCWVVVDNQVWDMTDFLDEHPGG
UniRef90_C7ZQG5 UniRef90_S8ATP2	S S E V L T A T E I A K H D N A S D L WI V V A G K V W D V T E F A P S H P G G L K T F R L A E V R Q H D S S Q N P W V I R G T S V Y D I T D W A A H P G G
UniRef90_UPI000440DE43	K QILITILIE DIVISIVI <mark>H</mark> N K D G DILIWIV V VID A KIVIY DILIS R F K DILI <mark>H</mark> P G G
UniRef90_C5G6Z9 UniRef90_G3J697	K S F T A A E V A Q H N K A E N M Y I I I D S D V Y D I T D F L D E H P G G L P T F S R A E V E S H S S T D S C Y V T I G T K V Y D V T N F A D D H P G G
UniRef90_S7ZEF7 UniRef90_Q7QGS7	K R S T S Q V S E H R T A Q D C WI V V D K Q V W D V T S F L D E H P G G L P E Y T M D E L V K H N G P S G WV T Y G V G V Y D L T S F V P K H P G S
UniRef90_UPI00042BFBCC	H P G G
UniRef90_M0TU88 UniRef90_A1BQP6	AKRY TAEELRKHNTASDLWI CIQGKVYDVTSWVEDHPGG TYSLSEVKKHNSPQSAWIIVHGHVYDCTRFLKDHPGG
UniRef90_G3B152 UniRef90_N1PYZ1	LPLITPQEFKRFIHEDRIYIVISNVIHDITPFMEQHPGG SFQRVTPSQLKLMTGRKGAWSSWQGKVYNITPYLPFHPGG
UniRef90_UPI0003991C1D UniRef90_W2S9A8	WRSSIVIT PSMWK HPGG
UniRef90_B6H818	KTFSKEDVASHSKGDSPWLILDEDVYDVSKFQEEHPV
UniRef90_B0WCC5 UniRef90_F2UIV7	VETMCOVORHNSASDCWIVAHRKVYDVTAFVREHRAG
UniRef90_M3J809 UniRef90_G2YJ67	ILIPIL LISSQEIVIAKHNHEKD <mark>C</mark> WVITYQRKII IYNIVITSFILIEEHPGG
UniRef90_T1EVE6	KEIIYPDQLLRHNDPKSLWVATGGYVYDVTDFCKKHPGG
UniRef90_G0R3Y7 UniRef90_S7S480	YTKQQVAQHNNENDAWIII QNKIYDVTGYLNYHPGG PYFTFESVLMHSVRRSCWVIIKNKVYDVTEFLPEHPGG
UniRef90_A0A044S2V0 UniRef90_A2QZX1	DILISK HASIVID D.C. WILLING FRIVIY DIVIT D.YIL VIF H.P.G.G.
UniRef90_G4UBG5	VAKHRSPKS <mark>C</mark> WV <u>VL</u> YGNVYDVTEFLPSHPAG
UniRef90_F7W8N6 UniRef90_F0ZFE0	Y F SILIE EII IS I H N SILIE S C WMII I IQ N KIVIY DII II A YII ID K H P G G
UniRef90_A2FSN6 UniRef90_F4RUQ7	TTRAELAKHNKPDD <mark>CWCSYEGEVFDMTQFLGRHPGG</mark> FTAEELSS <u>LS</u> SSSNLHLLIHGKVYATSKFLDEHPGG
UniRef90_B2VLE0 UniRef90_B6Q1M5	PLMSRREI EAQIADGRHMVIVDGHVLKVDAFMQFHPGG AGKLVSAIEI GRHNTPSDCWLVVDGQVWDFTEFHQEHPGG
UniRef90_A0A026VVB7	L  S T Y T  L  E E  I  G K H D K E N R  I    W V  T F R Q G  V  Y D  I  T E F  V  D K H P G G
UniRef90_G2QHV4 UniRef90_J9VPD1	LRV TPSMLKKMTGRKDAWI VLGGRVYNI TPYLPFHPGG KQVAEHNSREGVWI VVHGNVYDVSDFLDEHPGG
UniRef90_UPI00045607F6 UniRef90_F0U5B6	K S V D A N E L K Q H K S D E S A WV V V D G K V Y D V T D F L D D H P G G L S A L E V S A H K A A D D C WI V V D N Q V W D L S D F L S E H P G G
UniRef90_F0V9E4 UniRef90_L9JJ28	PEYTL <mark>C</mark> QVARH <mark>C</mark> RSGG <mark>C</mark> WLVAHD <mark>C</mark> LYDALPILSIHPGG SEIAVNKT <u>N</u> GSCSCGIYTLHPGG
UniRef90_C1EF50	PKFTREHVATHATLKDGW <mark>C</mark> VIHERVYDITLFAITHPGF
UniRef90_H3A7S7 UniRef90_UPI0003593B26	LSIFLSNLRVTSSLRNHPGG WFICMNKYCDTRSIGFEHPGG
UniRef90_W1QEA1 UniRef90_D7G747	I PI VIS RROFEAHTTIVIK S <mark>C</mark> WIVITYN RNII IY DIVIT DEII ID EHPAG
UniRef90_H6BKX5	LPYI LPAEVARRDGKKDLWLVIDEI VYDCTSFVDRHPGG
UniRef90_N6TN05 UniRef90_Q9ZRP7	I TKQELAKHNQKNDAWTAI RGRVYNITEYFSFHPGG KYLTNEDLKKHNKSGDLWIAI QGKVYNVSDWLKTHPGG
UniRef90_K1Y8F7 UniRef90_V9NEN3	T G A E I   A K H N S R D S <mark>C</mark> WV I V H T S E H P G G T R K I T I E E L K <u>N</u> H D R A Q <u>P W F V</u> V N G E V Y D <u>G</u> T P F L N E H P G G
UniRef90_M2T2R5 UniRef90_M9LMK7	PTI SLSQLAVHTKDSRVWI GVHGKVYDVTDFCTMHPGG LPVI SWDDFVEE SKTRPLI VVHGFI HDVSSFLDEHPGG
UniRef90_F0UMG9	TILSLENFRRHQIGPQPWFALEGEVYDGTAFLNEHPGG
UniRef90_W6MR60 UniRef90_A7RML3	LPLFSTSQLQLHTSKNDCWVSYNRKIYNVTPFLEEHPAG FSREEI GRHKSDGDLWVIHSGKVYDISKFSERHPGG
UniRef90_A0A024S7X3 UniRef90_G1LKP5	LRV TPSMLKAQTGRKDAWMAINGKVYNVTPYAKFHPGG EVTEEELKKHNKKDDCWICIRGLVYNVSPYMEYHPGG AKPLVNWGEVKKHQSLKDRWIVIDKKVYDVSSWQNKHPGG IPVKEVMLHNNVNDCWIVLNGEIYDVTSFIGKHPGG YTLCEVRRRKVTGACWVVSQGSVYDVTAALPDHPGG RKYPIEEVRLHKTKDDAWTVFNGKIYN
UniRef90_C1LEN0 UniRef90_C5DUP4	AKPEVNWGEVKKHQSEKDRWIVIDKKVYDVSSWQNKHPGG
UniRef90_D7FHZ6	YTIL CEVERREK VTGACWYVSQGSVYDVTAALPDHPGG
UniRef90_A0A015LDM9 UniRef90_S8DSV1	LRRVTLVEVQTQ ARDKPWFIVDGEVYDGTGFLRDHPGG LPVISWESFQEQ AVTRPLVVIGGFIHDVSAFMDEHPGG
UniRef90_S8FHX6 UniRef90_B4R791	II IP T Y R A D FIVIF Q H N A F K RII IWIVIT Y GII IGIVIY DIVIT D F A F N H P G G
UniRef90_B3RRK4	ISIY DI VTHNGRNGCWI VIDRRVY DI GEYIDIH PGG FSPAEVQRRLAAGACWVRCGARLY DLTGFLRHHPGG
UniRef90_F1P9W0 UniRef90_Q8I599	L K V  DDKE L KK L KTESKS <mark>C</mark>   V  ND L  YD V SSF YEHPGG
UniRef90_M5X146 UniRef90_UPI0003C26029	KYLTVE QLKLHK QPGDLWLSLKGKVY NVS DWAKDHPGG LVLHPGG
UniRef90_M2YSN6 UniRef90_G0RM36	K QLT A N EVK A H N T E T GLYI I I D N D V Y E M G R F V D E H P G G
UniRef90_Q7PDN6	FTFCEIKRHCNDDDCWVVANGNVYDVTKFIENHPGG
UniRef90_F0XJL8 UniRef90_A0A016V1N5	FTFCEIKRHCNIDDCWVVANGNVYDVTKFIENHPGGSLPRYRLADIRKHDARSAMWVTSGDKVYDUTDWVAAHPGGEYSMNEVARHCTADDLWIIFDGKVFDMTAYLSSHPGGLPTISQSSLALHTKGGRMWIAVHGSVYDVTDFCPMHPGGSLPVVTWEQFQQESRAGDILVLISGFIHDVTSFVDLHPGG
UniRef90_K3UVB2 UniRef90_D6RQT1	L P T I S Q S S L A L H T K G G R MWI A V H G S V Y D V T D F C P M H P G G S I P V V T WE O F O O F S R A G D L V L I S G F I H D V T S F V D L P G G
UniRef90_J3P196	T P A DLIS R H Q S S Q D C WI AV H S K V WD V T D F L S E H P G G

		50	60	70	80
UniRef90_W5IC78 UniRef90_J4KRG8	ADSILINAGI SVILRAGGSI			YVYDILQQYLI	G F V H P A
UniRef90_UPI000441ADFC	D <u>K V</u> LL Q <u>Q</u> AGF	R D <u>A </u> T E N	F E D V G H S M	D A K E M L  K Q Y F  I	GEVHPD
UniRef90_D3YN48 UniRef90_S9W6F3	FTTI WNNRG	Q	FMRII HGN	T A WQ Y L D K F F N R A <u>K</u> E M V T K <u>F</u> Y L	IGYFIED GRLSPD
UniRef90_A4RWB4	STI LEQYAGE	RDATDA	F M A Y H G G E	PALARLETURI.	GRLVDE
UniRef90_A0A023FSE4 UniRef90_C1GLP3	DKILLGAGGO PNIILKYAGE	R D A T K A	Y S E I H P P S	EILALLETFRI LIQNNLPPERL	GNLAAE GLIDES
UniRef90_G8ZNK3	PQYILDYAGE	Ş D∏T E∇	LKDHEHSE	SAYELLEDYLV	GYMATE
UniRef90_R7YL75 UniRef90_W2RL98	HTDIQRVGGF AKILKRVAGF	(DASKQ (DATKQ	F WK Y H N E S	I	GVV G
UniRef90_K1Y3A0 UniRef90_E3KWB0	GELI LEYGGK KKVLLKN <mark>C</mark> GK	S B L T P L	LDSHTHSE	E	G F V A G Q V T T D
UniRef90_M2LU99	PEMVYKYAG	KDGTKT,	Y N Q F H S K D	LIEKQLSDSKL	GEFDES
UniRef90_G9MQA9 UniRef90_Q1HQ61	AKAI MH MVG F	RDATDW RDASEC	I E V I H S K	GAKEKMARYRI I AI EWRNTFKV V LKNLSPDKHL T LTENLQDKLK DVYEI LEEYKI	GKIEGS GEIVDE
UniRef90_Q0CLA6	SALILKYAGE	RDATQP	YSEVHTPG	V L K N L S P D K H L	GVVDDS
UniRef90_C7ZQG5 UniRef90_S8ATP2	FGIILKYAGI	GGSLEP	F WDI H K R P	TILITENILIQUKILIK DIVIYEITLEEYKII	GIVNRN GVIDEA
UniRef90_UPI000440DE43	A A   V   I   E   E   I   A ( 7 (	J I J A I F A	F Y (all IH H F IV	1   F R <b>P</b> () Y A R     ()	(¬ V   K (¬ F
UniRef90_C5G6Z9 UniRef90_G3J697	SKILKRVAGI SSLVLEYAGI	K D A S K Q K D V R A [	L	V L T K Y G G K L K I A A Y E I L D D S L V L G S N L A P S M L K	G E V K E G F V T E
UniRef90_S7ZEF7 UniRef90_Q7QGS7	PSIILKYGGF DKVMLA AG	R D A T A A	Y S E V H P S V	<u>L                                    </u>	GQLDES GNLRAD
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UniRef90_M0TU88 UniRef90_A1BQP6	DIL PIL LISILIA GO	DATNA	FIVIA Y HPA	SAWAHILIGRFF	
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UniRef90_N1PYZ1 UniRef90_UPI0003991C1D	E A E L M K A A G F E E V L R E Q A G (	R D G T K L I G D A T E N	FEDVGHST	N WE N ML S S <mark>C</mark> L V <u>D A </u> R A <u>L S</u> E T F <u>I</u> I	GELHPD
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UniRef90_B0WCC5	EEVLLEQAGE	KEATEA	FEDVGHST	DARALSETFI LIKKTLNEAHV LLKKYKGQLQI DAREMMKKFKV SKKQLWSKYLI SAYEILDDMLI	GEL LES
UniRef90_F2UIV7 UniRef90_M3J809	MQAIIRKGG1 GAVILPYAGH	D V   R D     D   T D	F DFHSSK MDSHEHSF	SKKULWSKYLI SAYEILDDMLI	GVVAPS GYLATP
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UniRef90_T1EVE6 UniRef90_G0R3Y7	K H K L M L G V G H	K D G T MIL I	FDKYHSWF	KQMENILISRF	
UniRef90_S7S480 UniRef90_A0A044S2V0	SKII LKYAGF VEQLLRAAG1	R D A T S A	Y E P I H P P D	A L D K N L K E K H L N Y D T M L K T <mark>C</mark> F V	
UniRef90_A2QZX1	SSILLQYAGE	RDATEA	FEPIHPDN	VIEKHLREANL	GPVADS
UniRef90_G4UBG5 UniRef90_F7W8N6	DKIILQLAGF DVILRA AC	G G P I E P	Y D P II H P P G Y W D II F N S P	V	GUIDDA GYIHMD
UniRef90_F0ZFE0 UniRef90_A2FSN6	KNALLRFAGI KKIILE <mark>C</mark> AGI	K D G T D	NVQFHSA	K ML Q L L N N C Y I	GHVQKD GRLV
UniRef90_F4RUQ7	DEVLLGESGE	X D A T E A	F E D V G H S E	E A R N L M N Q Y L V	GTLDSV
UniRef90_B2VLE0 UniRef90_B6Q1M5	DKAMKHMVGF SALILKYAGF	R	VNGL HSP YNFVHSPS	HVREILE QYCI KMLQLLNNCYI LSINFIK GLKI EARNLMNQYLV EARAMMNKYRV TISKTLHPNKL ELYSLLESMRI NYEGMLAACLV AIKDNLDPSHL	GRIEG GILDNS
UniRef90_A0A026VVB7	P S K I L MAAC	GGSLDP	F WS I H N T P	ELYSLLESMRI	GNISEE
UniRef90_G2QHV4 UniRef90_J9VPD1	EPELLRGAGF ADIILKY <u>A</u> GF	K D G T K L K D A T E E	Y D P L H P P D	N Y E G M L A A <mark>C L</mark> V A I K D N L D P S H L	
UniRef90_UPI00045607F6 UniRef90_F0U5B6	KKILLKN <mark>C</mark> GF PSIILKYAGF	K D A S E A	F WT Y H S E K	I	
UniRef90_F0V9E4	SGCLIROOMO	O D C S R D	YD FHSR	R G R OIL W F R IL MIV	/ G R V K
UniRef90_L9JJ28 UniRef90_C1EF50	HNAITRSLGA	A D A S E S K D A T E E	FEDIVIGHSS FEYV HSR	D A R E ML K Q Y Y I L A W K Q L H D F Q V D A R E ML T Q Y Y I D A R T L S E S F I V S A Y E ML D E ML I E V L D I L K T L R I	GDV HP GVIRPD
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UniRef90_N6TN05	E E E L MK GA	· · · · · ·	G H P W	N Y E QILL Q K <mark>C L V</mark>	GRLV
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UniRef90_M9LMK7	RHLLTGKTG	ZDĂTŢĂ	FLGYDHSN	ĀĀ <mark>ĦŇĹĹ</mark> ŚMMRV	GVLDG
UniRef90_F0UMG9 UniRef90_W6MR60	A Q S I L S A A G L E E L I L E W A G F		MDSHEHSE	NYEQUL QKCLV YAWHHLDHLFT TLDKYLDKSKM EGKAKLAQFHF EVSSLLTKYYH AAHNLLSMMRV TAKVMMSDYHI SAFEMLEDMLV	G Y L A T A
UniRef90_A7RML3 UniRef90_A0A024S7X3	K D V L L N S G C	Q D V T S I	MELHKHSQ EGELHPWV	TAYGWLKKYNI NYETMLAA <mark>C</mark> LV	GRLQAE
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UniRef90_B3RRK4	DEMLKFVLG	DATEL	ENQFAHGK	EVLELLEGFRI MARSILELYYI NARLWLEQYYV	Ğ D V D T S
UniRef90_F1P9W0 UniRef90_Q8I599	YDILIFKEYEGIL	LIDAIDA	FNSIIGHSE	NAKNILIMNSFILI	G
UniRef90_M5X146				6 V MU A A I I LA R E E E	CV
UniRef90_UPI0003C26029 UniRef90_M2YSN6	AKILKRVGG	KDASKQ	F WK Y H N E S	V L K K Y G P K L K I	GTVKE
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UniRef90_J3P196	SA <u>ILL</u> QYAGI	<b>LDAIAA</b>	Y D N L H A P G	MILLE E I ILIS P	

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UniRef90_ UniRef90	_A4RWB4 _A0A023FSE4	S A A
UniRef90_	C1GLP3	<u>T</u>
UniRef90_ UniRef90	_G8ZNK3 R7YL75	LEEK
UniRef90_	_W2RL98	EKAKL
UniRef90_	K1Y3A0	_
UniRef90_ UniRef90	_E3KWB0 M2LU99	TVT
UniRef90_	G9MQA9	<u> </u>
UniRef90_	_Q1HQ61	E K L E V
UniRef90_ UniRef90	_Q0CLA6 _C7ZQG5	† MEKL
UniRef90_	_S8ATP2	D _
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UniRef90_	G3J697	
UniRef90_	_S7ZEF7	T D
UniRef90_ UniRef90	_Q7QGS7 UPI00042BFBCC	DRSKI
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UniRef90_ UniRef90	_G4UBG5 F7W8N6	S L A K L D
UniRef90_	F0ZFE0	QQT
UniRef90	VOECNIC	
	_A2FSN6 _F4BUO7	D
UniRef90_ UniRef90_ UniRef90_	_A2F3N0 _F4RUQ7 _B2VLE0	D
UniRef90_ UniRef90_ UniRef90_	F4RUQ7 B2VLE0 B6Q1M5	T
UniRef90_ UniRef90_ UniRef90_ UniRef90_	F4RUQ7 B2VLE0 B6Q1M5 A0A026VVB7	T D
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UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_	F4RUQ7 B2VLE0 B6Q1M5 A0A026VVB7 G2QHV4 J9VPD1 UPI00045607F6 F0U5B6 F0V9E4 L9JJ28 C1EF50 H3A7S7 UPI0003593B26 W1QEA1	T D E T
UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_	F4RUQ7 B2VLE0 B6Q1M5 A0A026VVB7 G2QHV4 J9VPD1 UPI00045607F6 F0U5B6 F0V9E4 L9JJ28 C1EF50 H3A7S7 UPI0003593B26 W1QEA1 D7G747 H6BKX5	T D E T
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UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_ UniRef90_	F4RUQ7 B2VLE0 B6Q1M5 A0A026VVB7 G2QHV4 J9VPD1 UP100045607F6 F0U5B6 F0V9E4 L9JJ28 C1EF50 H3A7S7 UP10003593B26 W1QEA1 D7G747 H6BKX5 N6TN05	T D E T
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UniRef90_K2QL35 UniRef90_B8LC93 UniRef90_V4B0B0 UniRef90_A0A016PJU7	L PI V S WR E F Q E Q S I N R P L V L I A G F I H D V N S F I E E H P G G L P V I S WD E V A Q A R T D G R A W I A V A G V I H D V S D F V A E H P G G P T F A M S E V A Q H N G D G S V W M T Y G G F V Y D V T N F V A N H P G G M N L Y T W K D V E S H D K R D D K W I V I D G E V Y D I T Q W S K K H P G G T Y T T A E V Q K H K D E N G F W L I V E N D V Y D V T N F I D E H P G G
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UniRef90_L8X3L1 UniRef90_UPI0003F13656 UniRef90_J9I5E9	LPVISWHEFQVLAKERNL VLISGFIHDVSSFMEEHPGG FSSADVQRHLEAGLCWVRCGARLYDLTGFVRQHPGG PTYRATDVRMHKTKEGUWVSYKDSVVDLTFFUKIHPGG
UniRef90_M4QN66 UniRef90_V8PJT7 UniRef90_A5DNM0 UniRef90_K5X2F7	KVYTMQEVEEHSSEDSAWFVHESKVYDGTAFLEEHPGG SFPCFTREEVARHNEANRVWVTYGSEVFDVTDFLELHPGG ALPVMEREEFNERSKKDGL I LIAGIVHDCKSFIKEHPGG LPVISWESFQEQ AVKRALVVIAGFIHDVADFVDEHPGG
UniRef90_W0THL4 UniRef90_K7UUG5 UniRef90_F1N8J1	NKENFWCVLNRKVYCIKDYLSFHPGG
UniRef90_B8NQ55 UniRef90_C9SQR5 UniRef90_D3JAJ6 UniRef90_E9BUJ9	K G K D A WM A L G G R V Y N V T P Y A A Y H P G G Y I T S S D L K T H N K P G D L WI S I H G Q V Y D V S S W A L H P G G M K E Y T R E E V A M H C T S Q D Y W V I V D R H V Y H L D E F V T T L H P G
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UniRef90_F4QAV1 UniRef90_E9DS39 UniRef90_C9SQ66 UniRef90_V7ASU3	PIIKPKDEKKHNNR IYIVIQNIIHDITSEMDQHPGG YESLEEISRHNTRESCWMIIQNKVYDITEYIDRHPGG PYMSRNEIESRIAGGQKIVIENQYVLKVDPWLPYHPGG PRFRLSEVKEHGDSERPWVTHEDKVYDITDWIGAHPGG PVLSRREIEAMIAEGAHVFLLDQYVVKADAWLKYHPGG
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UniRef90_M7X5B8 UniRef90_S7RPF0 UniRef90_U5H7I8 UniRef90_W2SH82	L P F I P P E S I S K H N N E D G L WI I V E D R V Y D C T N F L D L H P G G L P V I T W D T F Q E Q S A H R P L V L I A G I I H D I S P F L D N H P G G L P V L T W E S F Q E E A K S R D L L V I G G F I H D V S Q F M D D H P G G L P V M E W D D Y V D Q A K N G R A L V A V A G V V H D V S N F I K D H P G G
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UniRef90_A0DIJ8 UniRef90_C1MWU2 UniRef90_B3RIE0 UniRef90_Q6FR73	A L P F I E A E T I A D A C R N G H L WV I I D D I Y D C T D F V H N H P G G V S WD H I R S N Q E K L Y I V I S N N L Y D C T E F A D N H P G G A A R T F T C C Q V N R H R D N A S M W L V A N G D V F D V T D F L G G H P V G R K I S V Y D V I T H N G S N G S W M V I D D C V Y D V G Q Y I D L H P G G L P A W T K E E F L E K N R E N D G L V I V G G I V H D V S G Y I T E H P G G T I P L S Q L A R H R P G G R I W I G V H G S A Y D V T D F C P M H P G G
UniRef90_F7W005 UniRef90_M5BUL7 UniRef90_Q3LU33	T I P L S Q L A R H R P G G R I WI G V H G S A Y D V T D F C P M H P G G P M I S L S A L A Q H T G H G K I WI G V H G S V Y D V T D F L P I H P G G T R V F K R S E V Q A G D K N A D K F L I V D N K V Y D I T D F I A D H P G G L P T I P Q S E L A L H T G N T A V W I G V H G K V Y D V T D F A P I H P G G
UniRef90_W3WKM6 UniRef90_V5FTK6 UniRef90_S8B890 UniRef90_D2VE06	RVLSRREIEALIADGHQVLLFDRKVLKVNVWLPYHPGG SNQIYT SQLITHNSKEGFWFAANGAVYDASPFMQKHPGG LPTKSYEEFQKDCKTKSL IIIDNVVHDVTNFIGEHPGG VFTASEVKWHTTREGLYIIIRGKVYDETNFLDLHPGG
UniRef90_E3QT06 UniRef90_D7FX04 UniRef90_G8Y3I0	I KV I S R F DI T NI I R K G N A I V I Y F D K V I NI T S WI P F H P G G
UniRef90_L8X677 UniRef90_Q0V3N5 UniRef90_N1RZE8 UniRef90_A0A024WJW5	LISYDEVQKHNTRESCWVVIRGLIKVYDPDLLNYR IISPAEIARKVADGEPVLIYDGYVLDLGEWINMHPGG VLHPAEVAQHNNANSCWLIIH ADHPGG FTLCEIKRHYKINDCWLIANGYVYDVSTFINHHPGG
UniRef90_J6EE73 UniRef90_M4FLQ7 UniRef90_B8P8Q7	
UniRef90_W9CA98 UniRef90_M5EAE9 UniRef90_H1VNV8	PVWT REQVAARI LAGETLVILDNQVLRIPQWLMAHPGGRSISVKEISQHNLPSNVWIVVDDTVYDVTDFAPEHPGGRVLTRAQLAERIANGEVLVVHRRLVYKLDHWIHVHPGGTRILTPREVEGMIADGRTVVILDEMVLRLDGWLDKHPGG

UniRef90 F0Y2M4	50 60 70 80 S F A I E R V L G S D C T D E F A E T H D K H Q T K M L R D Y A I G T L
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UniRef90_R2QL33 UniRef90_B8LC93 UniRef90_V4B0B0	S D K I M LA A G G A LEPH WOHFAS D LPLRL MEK MLIGHL HPT S K V I S H Y A G Q N A T Q A F N A F H S D LS I S K Y L K A I H K G
UniRef90_A0A016PJU7 UniRef90_UPI0003AFC1C7	AKLLKRWSGKNATKAFWKYHNEGVLKKYGKDLKNGAVGES EEELMKAAGVDGTELFDQVHRWVNYESMLKE <mark>C</mark> LVGR <u>MS</u> TK
UniRef90_B8NY67 UniRef90_C7YP28	AKILQAVAĞKDĞTKKFRKYHREALLVKY KTLLAĞELV DKSMLHMVGRDASDEMDSL HSFEARQQMLRYRIĞRIEĞ NAMLRQAĞKDASNALPSVFAWSALEKKLAELRIĞLLKE
UniRef90_W6NT36 UniRef90_K6UEI8	NAMILRQAGKDASNAI PSVFAWSAI EKKILAEL RII GILLKE INCILKKGGDDVSVDYS FHSKYAQKFWEPLKII GKI
UniRef90_W4YNE0 UniRef90_N1JRB3 UniRef90_E3RXN9	INCILKKGGDDVSVDYS FHSKYAQKFWEPLKIGKI YKVITHYAGQDGTEAFTAFHNDEEVRKHMKAIHIGQIMED AELILEFAGKDVTEILGNHKHSDAAYEILDDSIIGFVSSE EGELRRAAGKDGTKLFMEVHPWVNWENMLGECMVGIMVSE
UniRef90_L8FRN4 UniRef90_R1ECR8	EPELMK <mark>C</mark> AGRDGTKLFAEI <mark>JH</mark> PWVNWEGMLGA <mark>C</mark> UGIWGES GTIIQK <u>LA</u> GRDATRAYENARHSRAAD <u>LK</u> LRDYDIG <u>A</u> L
UniRef90_L8X3L1 UniRef90_UPI0003F13656	R
UniRef90_J9I5E9 UniRef90_M4QN66	TEKI MIGA GGEAFFKFY PFHQKEHVQRLLQKY KIGLLHPD AESI LINAGMDATDEFNSIHSS
UniRef90_V8PJT7 UniRef90_A5DNM0 UniRef90 K5X2F7	K S K I L L A A G G A L E P F W A M H E Q D H V Q E I L R K Y K I G E L Q A L I R A S L G K D A T K A F N G Y R H S N A A H N M L A G M R I A V L R D S R H L L V K Y I G K D A T A A F F G Y G H S N A A H N L L S M K R V G I L H G
UniRef90_W0THL4 UniRef90_K7UUG5	RHLLVKÝLGKDATAAFFGYGHSNAAHNLLSMKRVG <u>ILHG</u> EVILKQ <mark>C</mark> AGKDATALFNRYHRWVNYEKLLET <mark>C</mark> LIG DAILN NAGGDSTEGFFG
UniRef90_F1N8J1 UniRef90_B8NQ55	ERLLRSRAGTDVSAALDGHRHSANARRWLEQYYVGELRDE KAFI SSAVGKDATAI FNGYNHSNAAHNLLSTMRVAVL
UniRef90_C9SQR5 UniRef90_D3JAJ6 UniRef90_E9BUJ9	VPELMRGAGREATKLFGEVHPWVNYETMLSACLVGVLVPTAPLLALAGNDVTDAFLAYHPPGLILESAGKDGSVMFHEHHNLERVRPILEEYCIGKLK
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UniRef90_R1FDG6 UniRef90_W7TKW6	VDAL LDAAGT DATALFQQHHAWD KETI LVNAGGDATAFFQDVGHSAQARAMMADF <mark>C</mark> I
UniRef90_G0UK81 UniRef90_F8NVT4	A N A L L Q R G G G V K D C V I D F G Y H S R S A Q S L W A S L K V G E V G D S I V L V A G E D A S E D F M A I H S A E G K A L L A E H H I G T L E L A I L H F V G R D A S D E I E A Y H S Q H T L D K L M S R F V I G Y L D H D
UniRef90_UPI000456049A UniRef90_V5F0D6 UniRef90_P49050	ELLAIL LHFVGRDASDEI EAYHSQHTLDKLMSRFVI GYLDHDRNLILKNAGTDVTELYEPIHPPTAADNLDSSAHVGSVDPSAQSILMVSGEDATDDFLAIHSSFAKKLLPSMHLGRLEESDEVLLTEAGNDATEPFEDVGHSEDAREQLKTFYI GKLDPE
UniRef90_A8Q4K7 UniRef90_U9UG20	K S F IL II I SII IG R DIVII I Y F N G Y D H S N A A R NIL IM S NIL IRIVIGIV I IA G
UniRef90_V9EH03 UniRef90_K3X8M3	A Q V L  Q E A S Q H G G D <mark>C N S    L   K T H P P T A R E M M M Q Y R L   G R    L   Q V L   Q Q H G E D C G P    L   D E                             </mark>
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UniRef90_E9DS39 UniRef90_C9SQ66 UniRef90_V7ASU3	DVILRAGGSIDPYWNIFTVHKAPYVREILAQYMIGLIDVA
UniRef90_G0SB19 UniRef90_UPI0002651E5D	DKAIQHVVGRDATDEIHVI HSPEARRMMDRYRIGRIEG AEELMKGLGIDATDLFNEVHRWVNVESMLEK <mark>C</mark> HLGPLQKG
UniRef90_M4EED2 UniRef90_M7X5B8	DAILDH AGDDSTDGFFG PEVFHQFAGKQ <mark>C</mark> TWQFWKWHSRKHLEPWEESLLIG
UniRef90_S7RPF0 UniRef90_U5H7I8 UniRef90 W2SH82	R H L L VR F L G K D A T A A F F G Y D H S N A A H N L L S M Y R V A L L E R G L I K S R L G R D A T T A F Y G Y D H S N A A G N V L A R L R V G C I E G K A M I S S G L G K D A T A M F N G Y M H S N A A H N L L S T M R V G V I
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UniRef90_L0PCB1 UniRef90_UPI0002658278	E EI MKAVGKDGTKLL I HPWVNYECLLDK <mark>O</mark> WI GLL EASIDALNGEDATKNFEAVAHSAEARNLLQTMAI GTVDPD
UniRef90_F2D8J7 UniRef90_UPI000440EA00	E A S I D A L N G E D A T K N F E A V A H S A E A R N L L Q T M A I G T V D P D Q H A L K R F I G K D A T T A F Y G Y D H S H A A Q N L L A M M R V G C L E G A S V D P E V A G Q D A T E T F Y G L H R H E V L E K Q Y A R L Q I G T I K G E
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UniRef90_C1MWU2 UniRef90_B3RIE0	PRPVLRGRDRDNTEDAEM HSAKARRAWRKLKI GTLA
UniRef90_Q6FR73 UniRef90_F7W005	EKLLKNALGKDATKAFSGYRHSNAAHNTLATMRVAVMKDNTLILKSNAGGDCSKSFDNLAHTPEVNSLLTKYFVGQLAPTLIVAASAGLDASITFDEVAHTPEVMSLLGKYFISRLQPAQVISTHIGKDASDVFHAM HPESAYELLANCYVGDLAADVLIRSNAGVDCSQSFDNLAHTPEVASLLTKYFIGNLTPDKAILHRSNAGVDCSQSFDNLAHTPEVASLLTKYFIGNLTPDKAILHRSNAGVDCSQSFDNLAHTPEVASLLTKYFIGNLTPDKAILHRSNAGVDCSQSFDNLAHTPEVASLLTKYFIGNLTPDKAILHRSNAGVDCSQSFDNLAHTPEVASLLTKYFIGNLTPDKAILHRSNAGVDCSQSFDNLAHTPEVASLLTKYFIGNLTPDKAILHRSNAGVDCSQSFDNLAHTPEVASLLTKYFIGNLTPDKAILHRSSQCONTON
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UniRef90_D2VE06 UniRef90_E3QT06	ETILKAYLGKDATKAFKGYLHTNVAKNILAQIRIYKLAP SSIIAQVAGTDATSVWDRFHGSPNAHQHLGVLEIGRVIE
UniRef90_D7FX04 UniRef90_G8Y3I0	S S I I A QVA G T D A T S VWD R F H G S P N A H Q H L GV L E I G R V I E E R R L I I N A L G T D I T Q E F S P H A H S E R A W T I L R R L V V G Y I E E E D K V V Y H M V G R D A T D E M N A Y H G P E T I K S F G R W K I G R I D E I Y E S I H A K G L I E K M L K P S H I G A L D P S
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UniRef90_A8Q4K7	NLP K
UniRef90_U9UG20	
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UniRef90_K3X8M3 UniRef90_Q6BK86	
UniRef90_F4QAV1	
UniRef90_E9DS39	
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UniRef90_V7ASU3	SIPAV
UniRef90_G0SB19	D. D.
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UniRef90_F2D8J7	•
UniRef90_UPI000440EA00	Q
UniRef90_G8JPF1	EEER
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UniRef90_M4FLQ7	_
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UniRef90_W9CA98	$D A T D \square$
UniRef90_M5EAE9 UniRef90_H1VNV8	DATDL
OHIVEISO LI VINVO	

	1 10 20 30 40
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UniRef90_E9IEE1	II L IF A GII VIF NIVIT R Y M D F H P G G
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UniRef90_W9Z005	V L  S   I   E D   I   K S   L I   A K G S T   I V I   F K Q K   V L   N   L   D S W   L   P F H P G G
UniRef90_R1GJP7 UniRef90_H9BQR5	RVYTRPELEALIAEĞR <mark>H</mark> LVILDĞKVLK <mark>C</mark> DĞWMKFHPĞĞ VFTLKELQKHRDGDK <u>K</u> FLILDRKVYDVTEFVEDHPGĞ
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UniRef90_L9L4N7 UniRef90_UPI00045DD9BD	MKYYTLEEI QKNNNSKSTQVI L <mark>HH</mark> KLYDLTKFLEDH R <u>YF</u> TPAEVAQ <u>HN</u> RPEDLWV <u>SYL</u> GRVYDLTS <u>LA</u> QEYKGN
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UniRef90_G9N4D7	R <u>II L</u>  S Q R E  V  E S M <u>I</u>  A D G D <u>A  I</u> V <u>I</u>  F Q D <mark>C</mark> V <u>L</u>  R  L  N G W L D K H P G G
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UniRef90_B0W194	KKIDGAEGLW RIGNKLYDLETFAKSHPGG YLWLEGRRHDGAEGLW RIHDTLYDLTEFADRHPGG LPMWDKQTFLAKSKENKGLVIJSGLVHDVSGYLSEHPGG
UniRef90_P21147 UniRef90_Q6C544	
UniRef90_R1ERA1 UniRef90_T1GSY6	A R G C V L L I D D A I Y D V T A F A P L H P G M  S W L E G R R R D D E A E G L W R I H D K L Y D L T K F A K N H P G G
UniRef90_B8LEI2	RT T SK SE LA Q H N T P K S A W A V H S T P A D L T D F A S R H P G G R L W S R R E L E G L L A E G R K L I L L D G Q V L K A D S W L P Y H P G G
UniRef90_H6C2H2 UniRef90_W4WY68	Y Y   L   Q H P G G
UniRef90_Q23PP8 UniRef90_UPI000258F282	DEMEKHLQKDRVL <mark>C</mark> SYQHGVYDVTDFLPDHPGG
UniRef90_F6ZNN2	DGAEDLW RIRDNLYDLEGFAKNHPGG YSWQELQKHNQQADQWVVINCKVYDVTGWANRHPGS
UniRef90_Q9C135 UniRef90_UPI000328EACF	LPVLSFEDYQHACKNDGKWILLEGVVYDVAEFMNEHPGGAGKDCTLEQIQKHGHSKSTGVILHYKAYGLPKFLEESPRGLIRKADLENHNKDGGFWTVIDGKVYDIKDFQTQSLTGNNGNPSWVIFEGVVYDVAEYLPTHPGGLRPYTLETLARCDNPTGCYTAIGDYVYDLKTYLDNHPGGKAIGEAQVQNMITEGRDIVIIHGKVYDVTSFTASHPGG
UniRef90_G3W6N5 UniRef90_J9ET17	L I R K A D L E N H N K D G G F W T V I D G K V Y D I K D F Q T Q S L T G N N G N P S W V I F E G V V Y D V A E Y L P T H P G G
UniRef90_W3WPK8	LRPYTLETLARCONPTGCYTAIGDYVYDLKTYLDNHPGG
UniRef90_Q4DA56 UniRef90_I3LXW1	REFIEEDVARDINGEEDILIWIYIS TILIGITYIT DILII PILIAGETRGIN
UniRef90_I2CYZ4 UniRef90_G3N841	WTVY RGVAY DLT PYLD RHPGG RFFTPAEVSAHNSEADLWLSFLGRVWDVSPLMDLHKGD
UniRef90_G0UNH5 UniRef90_Q6VPV2	R F F T P A E V S A H N S E A D L W L S F L G R V W D V S P L M D L H K G D D D V R R L I E E E S R L V V I Y G K V Y D L T D F A P R H P G G T L V G D A V Y D A K A F R D F H P G G
UniRef90_H9K4P9	T LR WA DLENHNRD G GLWVVVVNNNVVY DLQDVRFDERSN
UniRef90_W8BXF4 UniRef90_G4YLN8	TI V G D A V Y D A K A F R D E H P G G T R WA D L E N H N R D G G L WV V V N N N V Y D I Q D V R F D E R S N R K D D E A E G L W R I K D K L Y D L T E F I P H H P G G I T D G R K C V A L E G Q V Y D V T D F L D L H P G G L P E F T WE D V N E R V Q R G A F L V V C D G F V V D F R K W I G V H P G G
UniRef90_A0A015KC43 UniRef90_V5GUE1	LPEFT WE DVN E RVQ R G A FLVVCD G FVVDFR K WIGVHPGG LNEKQDTDG A E GLWRIHDG IYDLQDFIEKHPGG
UniRef90_F0YLN0 UniRef90_L0PFP0	LNEKQDTDGAEGLWRIHDG I YDLQDFIEKHPGG IHGAVYDI TAFAPQHPGS LPVLEFEEYQEQ AKTRPLILIAGIVHDVGKFIDSHPGG
UniRef90_W6MKP6	LPLWDKTQFFEKSKEQKGLVIISGIVHDVGKFIDSHPGG SRDQVVARILKGDHLIIYNHHVLNIPFWLDAHPGG
UniRef90_V2XFC4	S K D Q <u>IV V</u> JA K <u>II L J</u> K G D <mark>H   L I I J Y N H H   V L   N   I   P F W   L   D A H P G G</mark>

	50 60 70 80
UniRef90_UPI00037C1A97 UniRef90_Q6CUE2	PAPI LGLOGT DGT SSFNARHRGQASPSI LAGYLLGPLE ETLIQASLGKDATKAFNGYLHSNAAHNI LATMRIAVVK
UniRef90_G3B258	DKA VL  <mark>H</mark> M V GRDATDEM I AY <mark>H</mark> GRDT V KTFMK WR I GR V EGE
UniRef90_UPI00044147D1 UniRef90 C5FNM2	A K A I TA Y A G Q D T T T Q Y R S I H D K Y A D S K R V G C Y I G V L E E L L R N V A G Q D A T A F F Q D A G H S Q D A Y A K L E S L R I G K L A G S
UniRef90_E9IEE1	VDELMRGVGKDATKLFENVHAWVNYQSILQK <mark>C</mark> VVGRL
UniRef90_U5H8V6 UniRef90_R9P0X6	FDFILMRCAGRDGTRILF
UniRef90_W5PX54 UniRef90_S8B068	QRGLGHTAPANSADAFHAFHQDLSVRKFLQPLLIGELAPE AAMITAAIGKDATRLFEGYRHSKAASNFLDTMRIAVIKP
UniRef90_W9Z005	AKILVII <mark>H</mark> IVVIGKDATDEII INAE HSPGAII ISII IMOREOII IGTII IEG
UniRef90_R1GJP7 UniRef90_H9BQR5	DKSIKHMVGRDATDEVKAL HSKLALIRMNAFQIGRIEG AQVLLAHVGKDASDVFHAM HPESAYEVLNNYFVGDVQE
UniRef90_A0A034WVV4 UniRef90_D5G9Y9	E F WL LESKGT DITEAFEAHHISKGPHKLLQKYKV KAMINSGIGKDATAIFNGYNHSNAAHNLLSNFRVAVI
UniRef90_A3LQC4	Q A  L V  R A S  L  G K D A T K A F N G Y A H S N A A H N  L L  A S M R  V  A  V I
UniRef90_B8PJG4 UniRef90_X6P526	ARML LNFAGRDATAASRPFHAPPRAAALPAHKHLGELD RSRL LARYGNHDISSFWGQHNQPLVHEILERYRVGNLRAE RSLIKGAIGKDATTSFNGYDHSNAARHLLERMR
UniRef90_Q1ESZ0 UniRef90_W9YHW2	R S L I K G A I G K D A T T S F N G Y D H S N A A R H L L E R M R E K A V L H M L G R D A T D E L R A L H S T E A Q L F M Q K F V I G R I E G
UniRef90_A0A058Z867	PLIMT YSGEDA <u>A</u> D <u>A</u> FQAF HPVG <u>T</u> FKMLAQ <u>Y</u> QIGEIAPS
UniRef90_W2FRZ9 UniRef90_W9C2D2	AKVLQAAGK SVELFWEPHMRTGVAEALDGLRIGNLNQE AKVILHVVGRDATVELNAF HSKDVKARMNRYRIGKLEE DKAVFHMVGRDATDEMLAYHGEETLSSFLK WRLGKL
UniRef90_C4Y430 UniRef90_D2Y361	DKAVFHMVGRDATDEMLAYHGEETLSSFLK WRLGKL IRVISHFAGEDAT
UniRef90_W9WZF4	T   L       A   Q   A   S   A   G   L   D   A   S   K   T   F   D   D   V   A   H   T   P   E   V   M   S   L   L   S   K   Y   F   V   G   H   L   A
UniRef90_UPI000440E7AD UniRef90_G4ZYR6	PTL LATSSGKDNTSAFFGYEHSNAAHNL LAMKRVGI LAG TKI LLA AGNSIEPFWAAHNHADVHKI LEKLRIGNLRAE
UniRef90_L9KJC6 UniRef90_G2R5E5	P D A Q E L S K T Y L T G E L H P D  A A S I I N A A G Q D V S E E F L A I
UniRef90_A1CFC2	DKSLKHMVGRDATDELNAF HSKEARQRMPSFQIGRIQG
UniRef90_L9L4N7 UniRef90_UPI00045DD9BD	P D A P E Q S K M Y F L G E L H P D  L K P I V E V A G Q D L S H W F D P K T K D L R K H L D P L
UniRef90_F9XDI5 UniRef90_B9WDN2	DKALLHMVGRDATNEIKAF HSLETQDLMKRY <mark>C</mark> IGRING DKA <u>AYH</u> MIGKDATDEM <u>H</u> A <u>Y</u> H <mark>C</mark> DETVDTF_KRFKIGEIEGS
UniRef90_M2RA66 UniRef90_G9N4D7	T D S I L L S A G R D A T E D F L A I H S A D A K S K L R E Y H I G T L E G S L V I Q H M V G R D A T D E I T A Y H S A A T L R T M A A Y R I G R
UniRef90_R7QBG6	DOLLIRAAGGPEPHWRILIYAOHNAEWWLELLIEELIEELIRIIGNILMPD
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UniRef90_V5FPR2	DIVILIRACGSDPYWKII IFNILIHQKKEIVLIAIILIEQYYII IGDII IDAR
UniRef90_D8PNU8 UniRef90_L2GCK4	ETAILHYVGRDCTDEVDAF HPDDVCETIRKYAVGALDAS DKSILHMVGRDATDE ATVLHSIEAVQRMSRYRIGSIQG
UniRef90_G9P7E5 UniRef90_H9KKC7	RALLVAHLGKDATASFHGYKHSKAASNLLDNIRFGVV RELKPAYAGKDISHWFD HEKNDLKHYVHP LTGVLVP
UniRef90_E2A4W5	
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UniRef90_Q6C544 UniRef90_R1ERA1	DMAII FHVVGRDATDEI NAY HSDEAL ATMGAYQI G
UniRef90_T1GSY6	K F WI E E T K G T D T E A F E T H H L T G K A E K L L P K Y Y V
UniRef90_B8LEI2 UniRef90_H6C2H2	DKAI LHMVGRDGTDELRALHCPETL EYMQKYVVGRIEG
UniRef90_W4WY68 UniRef90_Q23PP8	A S WI KLIKGIDI I ELFESHHI I DKAERLLPKFYV A S WI KLIKGIDI I ELFESHHI I DKAERLLPKFKV E TLI KTALGKDATKAFSGYRHSNAAQNVLADMRVAVIKES DMAI FHVVGRDATDEINAY HSDEALATMGAYQIG AASLHLFSGSDATEPFHDVAHSAEALRIMRSFLV KFWI EETKGTDITEAFETHHLTGKAEKLLPKYYV DLI LLA SGKDASVLFETYHPRGVPTSLIQKLQIGVMEEE DKAI LHMVGRDGTDEIRALHCPETL EYMQKYVVGRIEG PELI DEYAGKDATSEFDEFGHSSDATKMLKKYLIAKI KDLI EKYKGKDI TVI FNSHPHSQNAKRI LAQYKTGQVAGD
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UniRef90_A0A015KC43	AKILEKVIGTDITNEFYNRHKNLDIVE
UniRef90_V5GUE1 UniRef90_F0YLN0	S D WI SI I K G I DI I E A F E V H H L I S L S E E L M K K Y F V L D T V L D F A G T D A T T F F E D V G H S S V A R K I M R P M K V
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JniRef90	Q6CUE2	
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JniRef90_	_C5FNM2	E
JniRef90_		IZ D
UniRef90	_U5H8V6	K P
JniRef90_	_R9P0X6	F D C O
JniRef90_ JniRef90_	_W5PX54	EPSQ
JniRei90_ JniRef90	_S8B068	
JniRei90_ JniRef90	_W9Z005	
UniRef90_	H9BQR5	
UniRef90	A0A034WVV4	
JniRef90		
JniRef90	A3LQC4	
JniRef90	B8PJG4	
JniRef90_	_X6P526	D
JniRef90_	_Q1ESZ0	
JniRef90_	_W9YHW2	
JniRef90_	_A0A058Z867	<u>E</u> R
UniRef90_	_W2FRZ9	ט
JniRef90_	_W9C2D2	
JniRef90_ JniRef90_		
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	UPI000440E7AD	
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JniRef90_	_V5FPR2	D
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JniRei90_ JniRef90		
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jnet conf sol25 sol5 sol0 jhmm jpssm

