OUEDV	1
QUERY UniRef90_Q604R7 UniRef90_UPI0002DBC591	TEVVITEN <mark>C</mark> I K CKYTD CVDV CPVD CEHEGPNEI VI DPDECI
UniRef90_UPI000467A82B	F   V V   T E N <mark>C  </mark> I   K <mark>C</mark> K Y T D <mark>C  </mark> V   E   V   <mark>C</mark> P   V   D <mark>C</mark> F H E G P N F   L V I   D P D E <mark>C</mark>   I
UniRef90_I4WWE6 UniRef90_UPI0003B56E36	
UniRef90_A5F3A9 UniRef90_T0ZJY2	TYVVITENCI KCKYTDCIVIEVICPIVIDCEHAGPNMI VIIDPDECI
UniRef90_K0CKW2 UniRef90_A2SFX0	T F V V T E N C   R C K Y T D C V E V C P V D C F H E G E N F L V   D P Q V C I T H V V T E A C   R C K Y T D C V D V C P V D C F R E G P N F L V   D P D E C I A Y V V A E P C   K C K Y T D C V E V C P V D C F Y E G P N F L V   H P D E C I
UniRef90_A7HCN4 UniRef90_UPI000380CD61	A Y V V A E P C I K C K Y T D C V E V C P V D C F Y E G P N F L V I H P D E C I T F I V G E N C I K C K Y T D C V E V C P V D C F Y E G P N F L V I H P D E C I T Y V V T D N C I K C K Y M D C V E V C P V D C F Y E G E N M L V I H P D E C I
UniRef90_A9VXS9 UniRef90_U7GU00	T F I V G E N C I K C K Y T D C V E V C P V D C F Y E G P N F L V I H P D E C I T Y V V T D N C I K C K Y M D C V E V C P V D C F Y E G E N M L V I H P D E C I T F V V T E N C I R C K Y T D C V D V C P T D C F H E G P N F L V I N P E T C I
UniRef90_C6AZX7	TYVVTDNCI KCKYTDCVEVCPVDCFYEGENFLVI HPDECI
UniRef90_J0UW70 UniRef90_D8JW75	T Y   V V   N E K <mark>C   1   K C</mark> K Y T D <mark>C   V   E   V   C   P   V   D C</mark> F Y E G E N M   L V I   H P D E <mark>C</mark>   I
UniRef90_UPI00040984EC UniRef90_A6SVW2	THVVTENCI KCKYMDCVEVCPVDCFYVGENMLVI HPDECI THVVTESCI LCRYTDCVDVCPVDCFREGPNFLSI DPDECI
UniRef90_Y0KG48 UniRef90_UPI00028984E4	T Y V V T E N C I Q C K F T D C V D V C P V D C F V E G P N F L A I N P D E C I T Y V V T E N C I R C K Y T D C V E V C P V D C F H E G P N F L V I D P V E C I T Y V V T D A C I K C K Y T D C V E V C P V D C F Y E G E N M L V I N P S E C I
UniRef90_UPI0001DD0868 UniRef90_S5XMA6	TYVVITENCI MCKETDCIVIEIVIC PIVID CEYEGENTII VI IHPDECI
UniRef90_R5E918 UniRef90_D6V7T4	A HIV VIT F P C I I I C K Y T D C IVIDIVIC PIVID C F R F G P N F II V I ID P D F C II
UniRef90_C8WCV4	T Y I V V I T D A CII IR C K Y M D C I V I E I V I C P I V I D C F Y E G E N M I L V I IN P N E CII
UniRef90_Q5FPP3 UniRef90_A1WQW3	THIV VIS ENCILIK CKYTD CIVIDIVIC PIVID CEREGPN MILVI ID PD ECIL
UniRef90_S5RM52 UniRef90_D5RU84	THVVTESCI LCRYTDCVNVCPVDCFRMGSNFLVI DPEECIAYVVTENCI RCKYMDCVEVCPVDCFYVGENMLVI HPDECITFVVTEACVRCKYTDCVSVCPVECFHEGPEFLVI DPAACI
UniRef90_UPI0003691C80 UniRef90_I0HR18	TENVITES CIED CKVTDCVDVCDTDAEDEGDNEII AII DDEDCI
UniRef90_B8ERF1 UniRef90_UPI000365C46D	TYVVIENCI KCKYMDCVEVCPVDCFYEGENMLVI HPDECI TYI VNDKCI NCRHTDCVEVCPVDCFYEGENTI <u>V</u> I HPDECI
UniRef90_D9QP57 UniRef90_J5KG13	TYILVITDACIVIKCKEMD <mark>C</mark> ILIEIVI <mark>CPI</mark> VIDCEYEGENEILIAILIAPDE <mark>C</mark> IL
UniRef90_UPI00036072E7 UniRef90_Q0KDY5	A F V V T E S C I K C K Y T D C V E V C P V D C F Y E G P D F L V I H P D E C I T Y V V T E P C I K C K Y T E C L R N C P V I C F H E G A N M L V I D P D D C I T F V V T D A C I Q C R H T D C V E V C P M S C F H E G P N F L A I D P D Q C I
UniRef90_P80448 UniRef90_B1M9A5	Y V V T E N C   K C K Y Q D C V E V C P V D C F Y E G E N F L V   N P D E C   T Y V V T E N C   R C K Y T D C V E V C P V D C F Y V G E T M L V   D P D E C   T Y   V N E N C   N C K Y T D C V E V C P V D C F Y E G E N M L V   H P D E C
UniRef90_D5BSR7	TYIVNENCINCKYTDCVEVCPVDCFYEGENMLVIHPDECIAYVITQPC
UniRef90_T1VUN4 UniRef90_R7X2Y4	THVVITEACIIKCRYADCVAACPVECFHEGPNFMCIIDPRSCI
UniRef90_UPI00037A60EA UniRef90_P96093	Y
UniRef90_UPI0004189748 UniRef90_N6YTV6	THVVITEACI RCKYTDCVSMCPVDAFREGPNFLVIDPEECI
UniRef90_UPI000361DFE7 UniRef90_X5KJS6	A Y V I T Q N C C K D A S C I P V C P V D C I R P A P E M L Y I D P D S C I A Y V I T Q N C C K D A S C I P V C P V D C I R P A E E M L Y I D P N S C I
UniRef90_L7LGQ2 UniRef90_UPI000381E505	THVITRSC CNDGSCVAVCPVNCIHPTPDMLYIDPETCI FAITQTC CNDASCVSVCPVNCIHPTPDMLYVDPQACI
UniRef90_A8F048 UniRef90_H6RU67	FAITQTC CNDASCVSVCPVNCIHPTPDMLYVDPQACITYVVTDECVKCKYTDCVEVCPVDCFYEGELMLVINPDECIAYVIGEPCLDVLDRACLDECPVDSIYEGARALYIHPDECV
UniRef90_G7GTZ3 UniRef90_UPI000379F4FE	FVITQSC CSDAACVAVCPVNCIHPTPDILHVDPQACIAYVITQTC ONDASCVAVCPVNCIHPSPDMLHIDPQTCI
UniRef90_UPI00030D85D0 UniRef90_UPI0003792B4B	T Y V I A A P C I D V M D R G C V E E C P V D C I Y E G A R S L Y I H P D E C I F V V T E P C I Q C R Y T D C V E V C P M D C F V A G P N F L V I D P D G C I
UniRef90_H0ITJ3	FVVTEPCIQCRYTDCVEVCPMDCFVAGPNFLVIDPDGCITHVITRAC CNDASCVAVCPVNCIHPTPEMLYIDPATCITHVITRAC CSDASCVYACPVNCIHPTPDMLYIDPATCI
UniRef90_T1VVP1 UniRef90_I0RHD0	TYVIGSACVDVMDKSCVQECPVDCIYEGARSMYINPNECV MVTQNC CNDATCVAVCPVDCIHPTPEMLYIDPGTCI
UniRef90_H5UAG5 UniRef90_W7IY93	MVTQNC CNDATCVAVCPVDCI HPTPEMLYI DPGTCI AFAI TQTC CNDASCVSVCPVNCI HPAPDMLYI DPGTCI
UniRef90_K4QT67 UniRef90_K9EVP5	TYAIITQTC CADATCVAVCPVNCIHPTPEMLHVDPRACI AYVIAMPCLDVKDRACVDECPVDCIYEGERMLYINPEECV
UniRef90_UPI0004780B42 UniRef90_F5RD47	T Y V I T Q P C V D V L D K S C I D E C P V D C I Y E G D R M L Y I H P D E C I T H V V T D N C R G C R Y T D C V A S C P V A C F H V N E V R V Y I D P A V C I
UniRef90_U5WMT7 UniRef90_F4D224	HVITQSC
UniRef90_A1TF53 UniRef90_UPI0002E81D22	HVITQSC CSDGSCVYACPVNCIHPTPDMLYIDPVACV TYAIITQTC CNDATCVAVCPVNCIHPTPEMLYIDPKSCI
UniRef90_UPI0002898987 UniRef90_L7KR10	TYAITQTC CNDATCVAVCPVNCIHPTPEMLYI DPKSCI TYTVTAYCEKCKYTDCVEVCPVEAFHEGPDMLYI NPETCI HVVTQSC CGDASCVYACPVNCIHPTPDMLYI DPATCV
UniRef90_UPI00037885F6 UniRef90_D7BYC0	MV T Q N C
UniRef90_UPI0003768EF0 UniRef90_W6WCC3	A Y ĂI T Q T C N D A S C V S V C P V N C I H P T P D M L Y I D P A T C I A Y V I T S P C I D V K D G A C V Q C C P V D C I Y E G E R T L Y I H P D E C I
UniRef90_VVVVCC3 UniRef90_R7Y1B9 UniRef90_UPI000301075B	TYVIAQPCVDLKDRACVDECPVDCIYEGKRMLYIHPDECVTYVVAEPCIDVLDKACIEECPVDCLYEGGRMLYIHPDECV
UniRef90_UPI000301075B UniRef90_D2R9L5	YVIAEPCVDVKDKACVDECPVDCIYEGGRMLYI HPDECV
UniRef90_D3CZQ5 UniRef90_UPI00040691B9	YVVTSPCIGEKAADCVETCPVDAIHEGEDQYYIDPDLCI
UniRef90_B7GW87 UniRef90_X0PW88	I N P D E CI
UniRef90_Q9RRZ9 UniRef90_E0QH97	HVÍTŠP <mark>Č</mark> Í GVKDQA ČŤEVČPVE <mark>Č</mark> I Ý E GGEQFFI HPDE <mark>Č</mark> I TYRVTNN <mark>CRKC</mark> LAHP <mark>C</mark> LQV <mark>C</mark> PVNAI SMGQYSTLIDEEK <mark>C</mark> I
UniRef90_D7BHG9 UniRef90_A6TNV2	
UniRef90_A5ID81 UniRef90_F1TJU1	A HV L I G H C C K D A S C V R V C P O N C I H P A P G T I Y I D P D S C I
UniRef90_R7N724 UniRef90_U2TMP6	Y MV T D K C M G C V A H P C R E V C P R G A I S M K N G K S V I D Q E K C I Y R V T D G C Q G C L A H P C R E I C P K G A I S F V D K K A Y I D Q E K C I M D V M D R A C V E E C P V D C I Y E G G R A L Y I H P D E C V
UniRef90_H8J3R3	M D V M D R A C V E E C P V D C I Y E G G R A L Y I H P D E C V

		50 60 70 80
QUERY	DCALCEPEC	P A Q A I F S E D E V P E D M Q E F I Q L N A E L A E V W P N
UniRef90_Q604R7 UniRef90_UPI0002DBC591	D C T L C E P E C D C A L C E P E C	PAHAII YSEDEL PEGQEQFI QLNAEL SKI WPS PVDAII VSEDDLT DEQKQFL QLNAEL AKT WPN
UniRef90_UPI000467A82B	DCALCEPEC DCTLCEPEC	PILINAILIY PEDDIVIPAGOEHYIVIAILINAEILIAREWPIV
UniRef90_I4WWE6	DCTLCVDEC	C P   V   G A   I   F P E   L   D   V   P A G Q E G F   L   A   L   N A E   L   A R E W P   V
UniRef90_UPI0003B56E36	DCALCEPEC DCGLCVPEC	PANAI FSEDEVPADQKPFIKLNAELAELWPN TAQAI FQEDEL VGDQRUFIELNAELAEHWPN
UniRef90_A5F3A9 UniRef90_T0ZJY2	D C G L C V P E C D C S L C V T E C	C T A Q A     F Q E D E  L
UniRef90_K0CKW2	DCALCVPEC	C P A S A   I   Y A D N E   L   P E G Q E M F   V   A   L   N A E   L   A R   V   W P   V
UniRef90_A2SFX0 UniRef90_A7HCN4	DCAVCIPEC DCGACEPAC	PIVIN AIL LIPEEDIVIPGDOOGEILIAILINIVIEILISKK WPS
UniRef90_A7HCN4 UniRef90_UPI000380CD61	DCGACEPAC DCALCEPEC DCGVCEPEC	PAEAI YAEDEL PAGQEPFLEI NAELADVWPN
UniRef90_A9VXS9	D C A L C E P E C	PTKAI FPEESLPAKWKEYTQLNADLCKTWPN PAEAI YAEDELPAGQEPFLEI NAELADVWPN PAEAI KPDTEG DLESWLKLNADYAKTWPN PADAI YDEKDLPEDQHHFLQLNAELSQVWPV
UniRef90_U7GU00 UniRef90_C6AZX7	DCSLCVAEC DCGVCEPEC	PADAIIYDEKDLPEDQHHFLQLNAELSQVWPV PAEAIKPDTE PGLDKWLKINTEYATIWPN
UniRef90_J0UW70	DCAVCIPEC	C P A N A II   F A E E D   V   P Q D Q   V   P F   I   A   L   N A E   L   S P   I   F G S
UniRef90_D8JW75 UniRef90_UPI00040984EC	DCGVCIPEC	
UniRef90_A6SVW2	DCAIVICIVIA EC	PIVIN AII IF A E E DIVIP A D Q QIVIFII IKILINIVIDILIS R E W P S
UniRef90_Y0KG48	DCTLCVAEC	PAFAII   FAFDDIVI PADOOFFII   EII   NARII   AKIVI WPIV
UniRef90_UPI00028984E4 UniRef90_UPI0001DD0868	DCSLCAPEC DCGVCEPEC	PADAI YAADQLPPDQAHFLEI NAELAEVWPV PAEAI LPDTE DNLEKWLELNTKFSNEWPN
UniRef90_S5XMA6	DCGVCEPEC	CPADAII IRPDTE PDMEK WIVIEFNRKY SEILIWPIV
UniRef90_R5E918	DCAVCIPEC DCGVCVPEC	CPTNA    MAEED  V  PEDQQEF    A  _ NAE  _ AR V  WPS
UniRef90_D6V7T4 UniRef90_C8WCV4	DCGIVCEPEC	CPAEAII LIPDTEN GILIES WMEILINRKYAEE WPN
UniRef90_Q5FPP3	DCGVCEPEC	<mark>C</mark> PAEA    FPDSD <u>N</u> RAAPW    E    NAKYSTQWPN
UniRef90_A1WQW3 UniRef90_S5RM52	DCAVCIPEC DCAVCVAE	
UniRef90_D5RU84	DCGVCEPEC	PAEAI FPDSD DKAADWAELNRTYSQQWPN
UniRef90_UPI0003691C80 UniRef90_I0HR18	DCGVCVPEC	PAEAI FAEEDLPADQVEFVAI NARLANEWPL PVQAI YADEDVPGDQQDFVALNAELARAWPA
UniRef90_B8ERF1	DCGVCEPEC	PVQAIIYADEDVPGDQQDFVALNAELARAWPA PAEAIKPDTE PGLEQWITLNADMAQSWPN
UniRef90_UPI000365C46D UniRef90_D9QP57	DCGIVCEPEC	PVDAI QSDTDSGAD EWLEYNREMSETWPN PVDAI KPDTE <u>D</u> EPD <u>G</u> KWLQTNAQ <u>Y</u> ARVWPN
UniRef90_J5KG13	DCALCEPEC	PI DAI YSEDEI PSDOI EFI EI NARI SDVYEN
UniRef90_UPI00036072E7	DCGACVDPC	PVHAILYPEKNVPEKWKHYIPLNAKYSKIWPV
UniRef90_Q0KDY5 UniRef90_P80448	DCSMCVPLC DCGVCNPEC	PVGAI YSEHDLPEDQRHFIALNAELSRDWLP PAEAI
UniRef90_B1M9A5		C P A D A   I   K A D T E
UniRef90_D5BSR7 UniRef90_T1VUN4	D C G V C E P E C D C G A C V D E C	PPEAILPDSE PEATKWLDLNRDMSELWPN PVEAIFPDNELDEDDA <u>P</u> YLQ <u>M</u> NAS <u>Y</u> FEKHP <u>M</u>
UniRef90_R7X2Y4	DCGIVICIVISIVIC	CP V DA I  R QADS L AEHER V F L T I  NAE L AQSWP V
UniRef90_UPI00037A60EA UniRef90_P96093	DCDACVSEC DCTLCVPEC	PVEAI YPDDEVPEKWEDYLDLNERLSEAWED PVDAI FRDVDLPDAVEKYPELNARLARRWPV
UniRef90_UPI0004189748	DCGACADAC	CPIVIN AII IY P A D RII IS D R D K II IFII IFII IN A N Y Y R D N P D
UniRef90_N6YTV6 UniRef90_UPI000361DFE7	DCTLCVAEC DCGACFDEC	PVDAI VPEDELSAEQREYLALNAALAKAWPR PVDAI HYDDDLPPHLERFKQLSA <u>D</u> YFALHPL
UniRef90_X5KJS6	DCGACFEEC	P V D A I V P E D E L S A E Q R E Y L A L N A A L A K A W P R P V D A I H Y D D D L P P H L E R F K Q L S A D Y F A L H P L P V G A I Q Y E E D L P P E L H R F K E L N A V Y F D R H P L
UniRef90_L7LGQ2	DCGACIDEC	CP V S A I  Y P D D Q I  P F R F F P F  I  Q I  N A D Y Y K D H D V
UniRef90_UPI000381E505 UniRef90_A8F048	DCGACADAC DCGVCIPDC	PVDAI FPVDQLSEALRPYAEVNAAYYAEQEP PIDAIKPESPELIEWVERAKDFIE NKGWKN
UniRef90_H6RU67	DCGACEPVC	PIVIE A S Y Y E D DIL IP K SIL VIP FIL IQ D N A R F F A
UniRef90_G7GTZ3 UniRef90_UPI000379F4FE	DCGACADAC	PVNAIYPADKLGARDKVFIDINADYYKSNPD PVEAI LPDDKLRPSQARFAEINAAWYENHPM
UniRef90_UPI00030D85D0	DCGACEPVC DCSVCVPQC DCGQCLDEC	P V E A I S Y E S D V P A R WE D F I D D N A R F F H R P V Q A I V N A A E V T S E Q A P Y V A L N A R L A K A W N P P V S A I V R D D E M T A R D Q P Y L A I N A N Y Y R D H N V
UniRef90_UPI0003792B4B UniRef90_H0ITJ3	DCSVCVPQC	PIVIQ AII VIN A A E IVII S E Q A P Y IVIAIL IN A RILIA K A W N P
UniRef90_T1VVP1	DCGACIVIS AC	PVDAI VPESKÜTDPQRVFLSINADFYKEERP
UniRef90_I0RHD0 UniRef90_H5UAG5	DCGACKLIC DCGACADV	PVDAI VPESKLTDPQRVFLSINADFYKEERP RMEAI YYETDLPEDQQHLADNAEFFSK PVDAI VPGDSTGPDVDRYLELNADYFRRNPR
UniRef90_W7IY93	DCGACVDAC	PVDAI EPVAALT GPLQVYAGI NAEYFAGRDV
UniRef90_K4QT67 UniRef90_K9EVP5	DCGACADAC DCGACET <u>A</u> C	PVDAII I PVDR L T G P Q R A Y A E I N A A Y F A D T P A P T E A I Y Y E D D V P E E W S V F T A V N A E F F E E
UniRef90_UPI0004780B42	DCAACFPIVIC	PIVIE AII IY Y E D DIVIP D E WT T Y T T A N A E E E
UniRef90_F5RD47 UniRef90_U5WMT7	DCSACIPAC	P
UniRef90_F4D224	DCSACIPAC DCGACVSAC DCGACEPVC	PVEAL VPESDVAESEQDFI A ANA AFF
UniRef90_A1TF53	DCGACVSAC	PVGAI APETGLAPDQLPFVELNAAFYPKRDP PVDAI FPADRLTARLREYEGI NARYYA
UniRef90_UPI0002E81D22 UniRef90_UPI0002898987	DCNACVEEC	PVEAI YADVDVPEKWESYTALNEEK <mark>C</mark> EEYPI
UniRef90_L7KR10	DCGACVSAC	PVGAI VPSHRI PAGQERFAEI NAAYAARFPVI
UniRef90_UPI00037885F6 UniRef90_D7BYC0	DCHACEPIVIC	PVGAI VPHGALDDARRPFLTI NADFYRRAPL PVEAI FYEDDL PQQWAQYKAI NAEYFE
UniRef90_UPI0003768EF0	DCGACADAC	PVDAVRPADELSGPERVYSELNRAHFADESP PTEAIVHEDEVPQAEVRFT <mark>C</mark> VN <u>R</u> EFFDV
UniRef90_W6WCC3 UniRef90_R7Y1B9	SCGVCVSVC DCGACEPVC	<u> </u>
UniRef90_UPI000301075B	DCGACEPVC DCGACEPVC DCGACEPAC	PVEALFYDDDDDDDQWSDYATANVEFFEE
UniRef90_D2R9L5 UniRef90_D3CZQ5	F C G A C A S A C	PVEAL FYEDDIPE WKEY I ANVIEFFEEF PVEAL FYEDDL PDGWSVY AT ANVIEFFEEF PVEAL FYEDDL PDGWSWY RDAAVDYFDKLGD PLIGAL MLDLEVPKPERPFVKTDKEFFSK PVSAL YMEDFVPEEEKEFILQKNRDFFQK PANAL FSEDEL PEGQEVFLELNAELSQKWPN PTSAL YYDVEL PAEDENFRTVNADFFAELGS PVSAL FPEEDVPDGEQDFLVKNSAHF PYNAL VFFDRPGAAAGGVNALESDY
UniRef90_UPI00040691B9	ECGACASAC DCGACEAVO DCALCEPEO	PVSAI YMEDFVPEEEKEFI QKNRDFFQK
UniRef90_B7GW87 UniRef90_X0PW88	D	PANAII FSEDEL PEGQEVIFILEL NAELSQK WPN
UniRef90_Q9RRZ9	DCGACVPAC RCGRCKDNC	P V S A I F P E E D V P D G E Q D F I V K N S A H F
UniRef90_E0QH97		PYN AI VFFDR <mark>PC</mark> AAA <mark>C</mark> GVNAIESDY PVSALY <u>PQE</u> DLPAEWY <u>S</u> YIEKNRRLSA
UniRef90_D7BHG9 UniRef90_A6TNV2	G C G E C I T V C	PKRA       EVQWKTDANIFVEKMAEYA
UniRef90_A5ID81	DCALCEPEC	PKRA FEVOWKT DANIFVEKMAEYA PVNAIVSEDDLT DEQQQFKELNAELSKT WPN PASAVKSEHALT PAELPYAARNREFFAQAPA PYDAISHQVRPCLDHCGVNAIKSD PYHAIAHHERPCSAACGMHAISSD PVEAIVYEDDLPEELQPYQADNAAFFS
UniRef90_F1TJU1 UniRef90_R7N724	K C G K C K A V C	P Y D A I   S H Q   V   P P C   L   D H C G   V   N A L N K E F F A Q A P A
UniRef90 U2TMP6	KČĞRČFEV	PYHAII AHHERP <mark>Č</mark> SAA <mark>C</mark> GMHALSSD
UniRef90_H8J3R3	DCGACEP VC	PIVIE AII IY Y E D DILIP E EILIQ P Y Q A D N A A F F S

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UniRef90_H5UAG5 UniRef90_W7IY93 UniRef90_K4QT67 UniRef90_K9EVP5 UniRef90_UP10004780B42		E F	A A	T D	P G S	S P	N	F	H A	W	D								
UniRef90_F5RD47 UniRef90_U5WMT7 UniRef90_F4D224 UniRef90_A1TF53 UniRef90_UP10002E81D22 UniRef90_UP10002898987 UniRef90_L7KR10 UniRef90_UP100037885F6 UniRef90_D7BYC0	PT PT PT LA	S K E F V F	L L R T K R R S	A E A P D L E	P V L P F L P L	/	P G E N T	A A I	A A D E P E H T	V P V W	R A R F G C	A R S N R R	R	H	G.	L A G	Q	V	G
UniRef90_UPI0003768EF0 UniRef90_W6WCC3 UniRef90_R7Y1B9	GΤ	LV N	۷G	Α	Р														
UniRef90_UPI000301075B UniRef90_D2R9L5 UniRef90_D3CZQ5	LG	G A	ΥT		A A L	P	G	RΙ	D E	Р	L	3 D	Р	G	G	ΑK	(		
UniRef90_UPI00040691B9 UniRef90_B7GW87 UniRef90_X0PW88 UniRef90_Q9RRZ9 UniRef90_E0QH97	I T P R				Q F	A	D	RΙ	EE	W	N C	3 K	P	D	K[	L	QΥ	LE	ĒΚ
UniRef90_D7BHG9 UniRef90_A6TNV2 UniRef90_A5ID81 UniRef90_F1TJU1 UniRef90_R7N724	I T A T						D	Αŀ	ΚC	W	EE	V	]K	D	K[	L]C	Υ	L	Q K
UniRef90_U2TMP6 UniRef90_H8J3R3				Ε	ΤL	E	G	RΙ	D G	P P	L	3 S	Р	G	G	ΑА	ιK		3

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UniRef90_B6FS49 UniRef90_UPI000376E4EE	SYIDQEK AFVITSP	CRNCVAHK CIKCGKAGE CKEEKAGE CKEKYTY CQCLAHK CVDIMDRS CMNEKSGE CMNEKSGE	CKSV CVEV	CPVNA CPYDA CPVDC	I SKKE I E E GK	GRAHI D <u>MF</u> YI	D N D K C V D P D I C I
UniRef90_M6FBK8 UniRef90_U2TWJ3	A Y V V T G L C	CRNCKYTY CQGCLAHP	CAAV	C P V E A C A C	FREGT	D <mark>C</mark> LYI KRAHI	E P S V C I D Q D A C V
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UniRef90_R6I5F6 UniRef90_E7GFV9	FLVTDA VTDA	CRHCVAHK CQGCLAHP	C M N K (	C P K K A	I T I H Q I		
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UniRef90_Q2W232 UniRef90_D3F7E5	Y QV S N M O T Y V L P R L O A Y V L N Q S O A H I D E S R O Y V V G K E	CNH <mark>C</mark> SDPP CIGTKDAS	CVGV	CPVGA CPVDC	T F Q Q K I I <mark>H</mark> P T P	DGAVV DQLYI	/DSDR <mark>C</mark> V
UniRef90_F0RS91 UniRef90_E2MHG1 UniRef90_R5JJS8	YVVGKE SYIDPSK	C	CVDV	C P V N A L	HPTP VKKNA FRDAD	EGYVI YQLVI GLAVI	DYKLCI CPDTCI NEEKCI
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UniRef90_R5RLC8 UniRef90_R6CVL0	S F II   D K S K (	VKCGRCA	. <mark>C</mark> A A <u>A (</u>	G V N A	1   E <u>S</u> D E (	G <u>R</u> AKII	NYDKCV
UniRef90_UPI00029AEFE5 UniRef90_R5IUC3 UniRef90_D9PH99	I D S D K (	C F G C T H C Q G C L A S S	CMNVC	C P T A A	I E S D E (	GVATI GKSRI	R P D WC V D Q K L C I D P A V C I
UniRef90_B9F1199 UniRef90_R5BY26 UniRef90_E6U7R5	D S D K O Y R V T E L O A Y V I T E K O Y E V S N I O A V I D P E K O MV T D G O	CKGCVAHP CRECG R	C M L I	C P K G A	I S MVD	GYSHI RKAKI	D Q T K C I N Y D R C T
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UniRef90_R6I1M9 UniRef90_E6MIJ6 UniRef90_W8AD47	DANK	CRECGMCA CNHCTDAP	CKNS CVKI	PVDA CPTKA	L T Y D E   L F K R D	MGLVI DGIVF	DEEKCI DSERCI
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E DNRRFF
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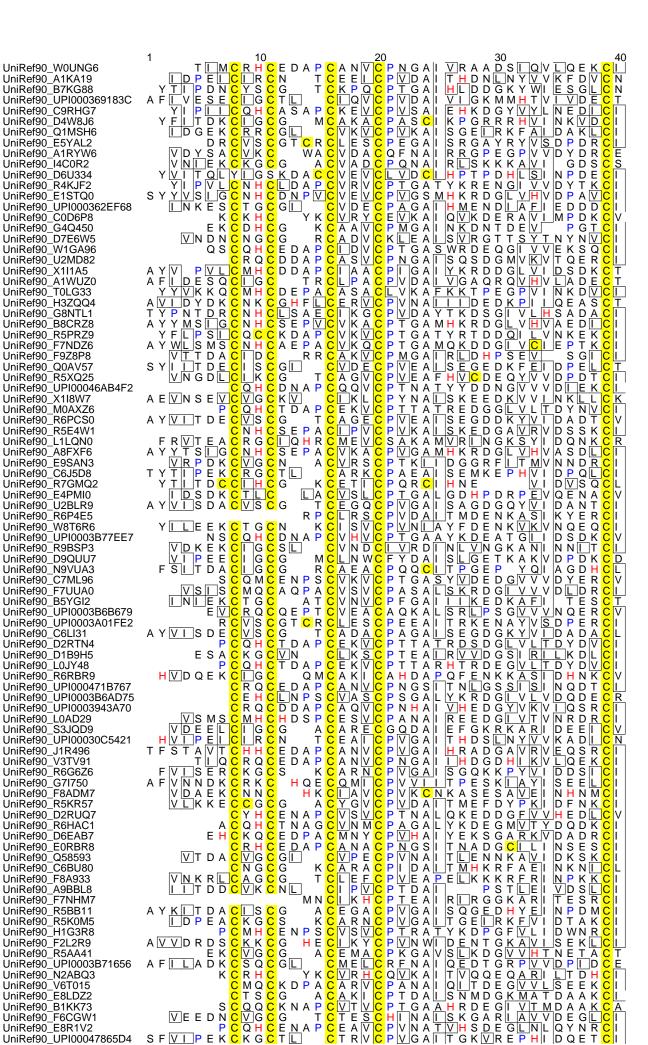
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UNIRGEO DE DE COMBRESION DE LA COMBRESIO		HIVITEETC	MGC HA	EKNCA	HSAILISEOI	NKKAGII IDHNII <mark>CI</mark> VI
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UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_B0NU69  UNIREI90_B0NU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_LTVL23  AH   DK DK C   GC S   CARK C PV   DA   QG E K G K A F   DE D R C V   CARK C PV   CARK C R   CARK C PV   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C R   CARK C R   CARK C PV   CARK C R   CARK		AFWITVSC	NHCLNPL	VKSCP	TGALREE	D G [ V Y I E K E K <mark>C</mark> I
UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_B0NU69  UNIREI90_B0NU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_LTVL23  AH   DK DK C   GC S   CARK C PV   DA   QG E K G K A F   DE D R C V   CARK C PV   CARK C R   CARK C PV   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C R   CARK C R   CARK C PV   CARK C R   CARK	JniRef90_D2TY45	LAVIT <mark>C</mark>	RHCNNAPO	ZUTSCP	Y D A L R F V	SATVQLDQNR <mark>C</mark> L
UniRer90_A3VZV0 UniRer90_LOND0046F34A5 UniRer90_B0VI69 UniRer90_E1SWD9 UniRer90_LTVL23 UniRer90_LTVL23 UniRer90_LTVL23 H   D K T C R E C B A P C A N V C P V D A L Q G E K G K A F I D E D K C V V S C I G C S L V K C V R Y C D V K A D N G L T I E D K C V V R R D K C V R Y C D V K A D N G L T I E D K K C V V R R D K C V R Y C D V K A D N G L T I E D K K C V V R D V R R V R R D D G I T V V V R D V R R V R D V R D V R V R D V R D V R V R	JIIIKEIYU_A3QAIT IniRef90_A0A022KYIQ	8 D M C	K H C T N A C		TGARYVGI	F G S V V V O F D F C V
UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_B0NU69  UNIREI90_B0NU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_LTVL23  AH   DK DK C   GC S   CARK C PV   DA   QG E K G K A F   DE D R C V   CARK C PV   CARK C R   CARK C PV   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C R   CARK C R   CARK C PV   CARK C R   CARK	UniRef90 C8XD53	S D V C	KHCTHAG		TGALFRT	EĞTİVVİĞADİV <mark>E</mark> N
UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_B0NU69  UNIREI90_B0NU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_LTVL23  AH   DK DK C   GC S   CARK C PV   DA   QG E K G K A F   DE D R C V   CARK C PV   CARK C R   CARK C PV   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C R   CARK C R   CARK C PV   CARK C R   CARK	UniRef90_C0D917	F V N Q E L C	Vgcg, s	KKNCA	HGAI TEE	DRKASI DVSK <mark>C</mark> V
UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_B0NU69  UNIREI90_B0NU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_LTVL23  AH   DK DK C   GC S   CARK C PV   DA   QG E K G K A F   DE D R C V   CARK C PV   CARK C R   CARK C PV   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C R   CARK C R   CARK C PV   CARK C R   CARK		VIJR E E C	K K C S I	FRNCP	VG AII YKDI	E D G Y W I D Q S K C T
UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_B0NU69  UNIREI90_B0NU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_LTVL23  AH   DK DK C   GC S   CARK C PV   DA   QG E K G K A F   DE D R C V   CARK C PV   CARK C R   CARK C PV   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C R   CARK C R   CARK C PV   CARK C R   CARK		I N K K O C	K G C G T C		N G A L S F D I	= N K A H     D K   K <mark>C</mark>   V   = G R M R     N P
UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_A3VZV0  UNIREI90_B0NU69  UNIREI90_B0NU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_BNU69  UNIREI90_LTVL23  AH   DK DK C   GC S   CARK C PV   DA   QG E K G K A F   DE D R C V   CARK C PV   CARK C R   CARK C PV   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C PV   CARK C R   CARK C R   CARK C R   CARK C R   CARK C PV   CARK C R   CARK		L D P E T C	<u>i</u> Ř <mark>Č</mark> Ň †	EATCP	VNAITHDI	D Ň Ň Ÿ V R A D V C N
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Unirker90	UniDofOO E2DDC2	ŝc	K D C H K	E R E C P	VAAIGFKI	DNQAFITEEKCI
Unirker90	JniRef90_K1S1J7	AYIDPDKC	KECGIRP(	KKI <mark>C</mark> P	ANAITMDI	ENGLEI DENK <mark>C</mark> I
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UNIRE190_F1VL23 UNIRE190_F1VL3 UNIRE190		I DKDK <mark>C</mark>	MC <mark>C</mark> SE, C	ARKCP	YSCISERI	E E K Y III N Q L S <mark>C</mark> I
UNIRE190_F1VL23 UNIRE190_HC0082 UNIRE190_HC0082 UNIRE190_HC0082 UNIRE190_RGTA4 UNIRE190_RGGTA4 UNIRE190_RGGTA4 UNIRE190_F1OG2 UNIRE190_F1OG2 UNIRE190_F1OG3 UNIRE190_F1OG3 UNIRE190_F1OG4 UNIRE190_F1OG5 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_F1OG7 UNIRE190_UP1000471B7EB UNIRE190_UP100447EB UNIRE190_UP100447EB UNIRE190_UP100447EB UNIRE	JNIKet9U_K1YWB8	V S R R C	MHC E A G	M I I C P	I GAII YRT /	A D G A E V I E D K C I
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Uniref90_E7H0G2	UniRef90_L7VL23	AHIDKTKC	RECGACP	ENACK	IKAIHMSI	EAKAAI DNKKCL
UniRef90_E1QN11 UniRef90_E1R7R9 UniRef90_D7DUC0 UniRef90_D7DUC0 UniRef90_D7DUC0 UniRef90_G0U03550AD1 UniRef90_UPl0003550AD1 UniRef90_UPl00035E0AD1 UniRef90_UPl000471B7EB UniRef90_UPl000471B7EB UniRef90_G0GFX9 UniRef90_UPl000471B7EB UniRef90_F8ECX9 UniRef90_UPl00035E7887 UniRef90_UPl00037378C0 UniRef90_UPl0004722F65 UniRef90_UPl0004722F65 UniRef90_UPl0004722F65 UniRef90_UPl0004722F65 UniRef90_UPl000473738C0 UniRef90_UPl000473738C0 UniRef90_UPl000473738C0 UniRef90_UPl000473738C0 UniRef90_UPl00037378C0			I R C N T C	E A T C P	¥G AILIT H D !	D R N Y V I K A D V C N
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UniRef90_D7DUC0    C Q H C A S A P C G E   C P V N A   D V N N G V V H L N E E C I C I N K Ref90_G80GM0   UniRef90_J616M0   Y T D K E K C   N C Q Q C E N P S C V K V C P T G A S Y V N D D G V I D Y E R C I UNIRef90_UP100035E0AD1   UniRef90_K6UBB1		HFLISITSC	NHCADPA	É L T VIC P	VTAYTKR	Q D GIT V V H A E K C V
UniRef90_E0QIM8 UniRef90_UP100035E0AD1 UniRef90_UP100035E0AD1 UniRef90_UP1000471B7EB UniRef90_UP1000471B7EB UniRef90_G7VHW3 UniRef90_G7VHW3 UniRef90_UP10003B2F887 UniRef90_UP10003B2F887 UniRef90_UP100037378C0 UniRef90_UP10004722F65 UniRef90_UP10004722F65 UniRef90_UP10004722F65 UniRef90_UP10004722F65 UniRef90_UP10004772F65 UniRef90_UP10004722F65 UniRef90_UP10044724 UniRef90_UP10044724 UniRef90_UP10044724 UniRef90_UP10044724 UniRef90_UP10044724 UniRef90_UP1	UniRef90_D7DUC0	<mark>C</mark>	QHCASAP	GEI CP	VN A DVN I	N G V H L N E E L C I
T   D   E   N   D   D   N   D   D   D   N   D   D		SC	QQCENPS	VKVE	IGASYVNI	D D G V I I D Y E R C I
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S D V C K H C C A A P C V R A C P V B A L F K R P D G I V L D Q T R C I UniRef90_F8E624		C D L C	RQCEDAPO	KEVCE	YNAI SQG	T D A I JE L N E S L C L
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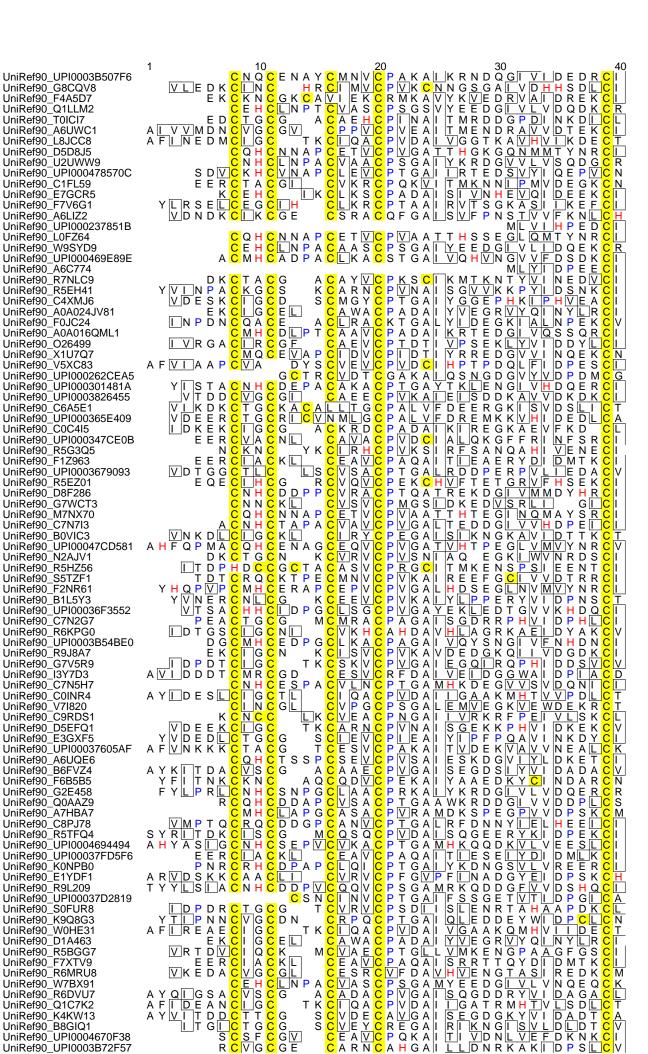


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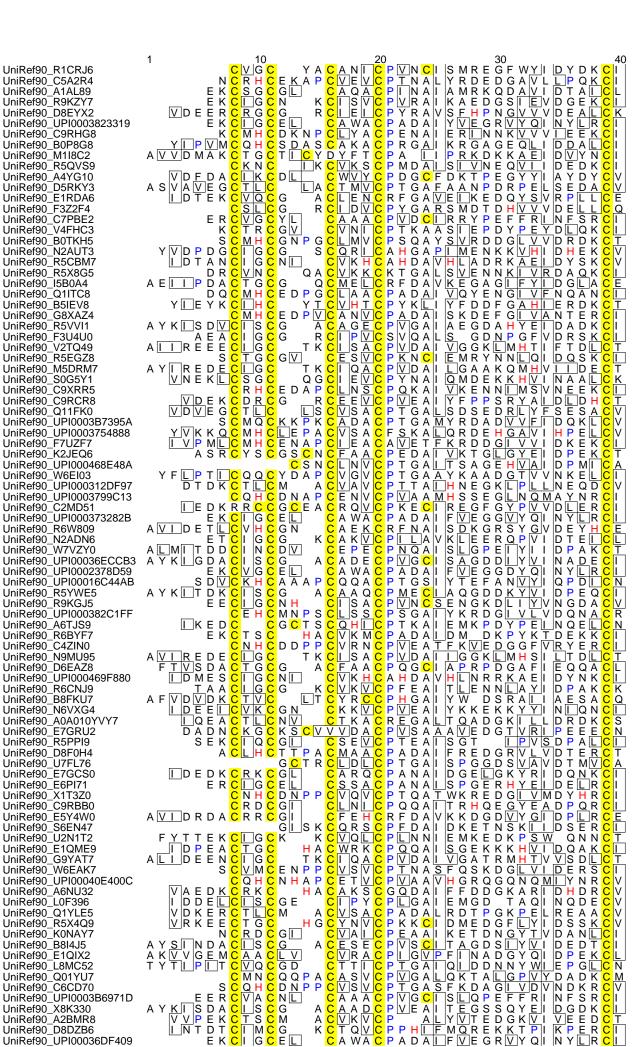
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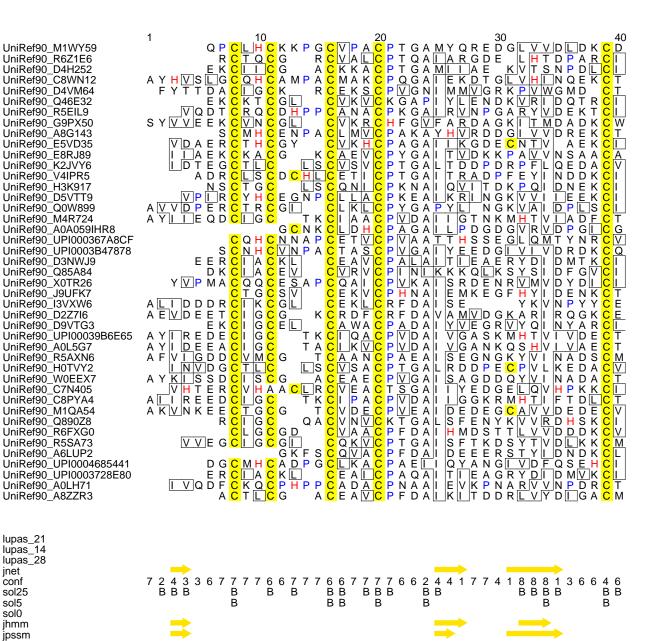
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UniRef90_R55A73
UniRef90_A6LUP2
UniRef90_UPl0004685441
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lupas\_21 lupas\_14 lupas\_28 jnet

conf sol25 sol5 sol0 jhmm jpssm 90

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