Uniserio Disposabetifica Section						
Unicaging D-409200 Unicaging C-509200 Unicaging C-5	OUFRY	1 GSPOUR	TO VIVITGAAOI		30 GDGS V FGK	40 N O PILL VIN S M
Unicaging D-409200 Unicaging C-509200 Unicaging C-5	UniRef90_I2JK25	PVR	VĪVTGAGQI	GYALLFRI	ASGAMLGD	DQPVILHLL
Unimerged Victor	UniRef90_P40925	SEPILIR	IV L VIT G A G QII	AYSLLYSI	GNGSVFGK	D Q P I I L V L L I
UMRR890 (MOZY34"	UniRef90_UP10003B5F752	F P I R	VIVIGAGOI	AYSIIYSV	A K G D V F G P	NOPILIVII
UMRR890 (MOZY34"	UniRef90_C6WLQ8	PVN	V T V T G A G Q I	GYALLFRI	ASGHLLGP	D V R L Ř L L
UMRR890 (MOZY34"	UniRef90_D3PQL0	PPVR	V A V T G A G Q I	GYSLLFRI	AAGEMLGK	DQPVILQLL
UMBRE90 DOTTOS UMBRE90 SOME SOME SOME SOME SOME SOME SOME SOME	UniRef90_U51573	PVR	VAVIGAGOI	GYSILLIFRII GYAILLIFRII	A S G D M L G P	D Q P V I L Q L L I
Unimerio Fale Fal	01111/6130_R0C134	F V I I	VAVTGAGQI	SYSL <u>L</u> FRI	ASGDFLGP	DQPICLHLL
Unimerio Fale Fal		GKAPI,K	V L I T G A G Q I	G Y A L A P R V	A S G S ML G A	D Q P V L L H L L
Unimerio Fale Fal			V C V T G A G O	AYSLLFKI	GRGDI F GF	D Q P V S L OI I
UMR690 D3TLF0			V LI T G A G Q I			
UNINGRID 7-49-13-9 UNINGRID 7-49-13-9 UNINGRID 7-49-13-9 UNINGRID 7-49-13-9 UNINGRID 8-49-13-9 UNINGR	UniRef90_F3LEC4	PVR		SYSLLFRI	AAGEMLGA	D Q P V I L Q M L
UNIR-690 PSS-20	UniRef90_VV6L107	PAMR			A S G S M L G F	DOPVILGEL
UNIR-690 PSS-20	UniRef90_D3TLF0	E P 🔲 R	V V T G A G Q I	AYSLLYMI	ARGEVFGK	DQPLILHLL
UNIR-690 PSS-20	UniRef90_Q0K8F5	PMR			ANGDMLGK	D Q P V I L Q L L I
UNIR-690 PSS-20	UniRef90_B20K13 UniRef90_D5PG87	P L K	VAVTGAGQI	GYSLLFRL	ASGSLLGP	N R P I E L R L L
UNIR-690 PSS-20	UniRef90_H2TUL9	E P I R	V <u>L </u>	AYSLLFS	AKGDVFGK	D Q P I T L L L
Wilheldon Triving Proposition Propos	UniRet90_F8GE84	P P I R	I AVTGAGQII	CYSLLFRI SYAMIF BI	A A G D M F G K	DOBNI FIGIL H
Wilheldon Triving Proposition Propos	UniRef90_D7GCF6	TTPVK	V A V T G A G Q I	CYSLLFRI	ASGSELG	ĎŤpľĒĽŘĽĽ
Unimerion	UniRef90_E6SE27	<u> </u>	VAVTGAGQI		ASGALLGP	DTPVELRLL
UNIRGE90 CA16409 V N V V T G G G T S T T T T T T T T	UniRef90_L/MCL9 UniRef90_UPI000374573C	E P V R	V L V I G A G Q I	A Y S L V P L I G Y S I I F R I	A A G F MI G K	D Q P V I L H L L
UNIRGE90_CAPIFAS A V R V A V G A G Q G Y A L A P W W C R G A D Q P V L Q L L UNIRGE90_CAPIFAS A V R V A V G A G Q G Y A L A P W W C R G A D Q P V L Q L L UNIRGE90_CAPIFAS A V R V A V G A G Q G Y A L A P W W C R G A G D W G R G A D Q P V L Q L L UNIRGE90_CAPIFAS A V R V A V G A G Q G Y A L A P W W C R G A G D W G R G A D Q P V L Q L L UNIRGE90_CAPIFAS A V R V A V G A G Q G Y A L A P W W C R G A D W G R G A D Q P V L Q L L UNIRGE90_CAPIFAS A V R V A V G A G Q G Y A L A P W G R G Q D Q P V L Q L L WALL WALL WALL WALL WALL WALL W	UniRef90_R4Z1M3	_ P V R	VAVTGAGQI		ASGAMILIGI	D Q P IV IA IL IQ MIL I
UniRef90_VSSI03 UniRef90_A3Y862 UniRef90_A3Y862 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_BGPM3 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UNITERF90_CTRQY8 UNITERF90	UniRef90_M4CF15	E P I R	VLVTGAGNI	GYAIIAPMI	ARGMMILIGQ	D Q P MII L IHIL L I
UniRef90_VSSI03 UniRef90_A3Y862 UniRef90_A3Y862 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UNITERF90_CTRQY8 UNITER	UniRef90_Q8H0P9	PVH	VMITGAGQI		CRGAMILIGP	DIVIPIV V L HIL LI
UniRef90_VSSI03 UniRef90_A3Y862 UniRef90_A3Y862 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UNITERF90_CTRQY8 UNITER	UniRef90_V7IFQ7	PIR	VAVT GAGQI	AYSLLFRI	AAGDMLGA	DQPVILQLL
UniRef90_VSSI03 UniRef90_A3Y862 UniRef90_A3Y862 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGPM3 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_BGSY7 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UniRef90_BGSM7 UniRef90_CTRQY8 UNITERF90_CTRQY8 UNITER	Uniket90_V5DLA8 UniRef90_F4NCD5	P V H		SYSILLIF RIL	A A G D L L G P	D N D N N I B I I
UniRef90_A0A059LI6 UniRef90_GA0A059LI6 UniRef90_GA0A059LI7 GA GQ II G Y A L L F R I A S G EM IL G R D Q P V I L Q L L UniRef90_GA0A059LI7 UNIREF90_GA0A059LI7 GA GQ II G Y A L L F R I A S G EM IL G R D Q P V I L Q L L UniRef90_GA0A054BA9 UniRef90_	UniRef90_V5SI03	TEPIR	VVVTGAGQII	IA Y S II I IY MII	AKGDVFGR	DQPLTLHLL
UNIREI90 LIGSYY UNIREI90 D3BR71 GK A P L R V A I T G A G Q I G Y A L L F R I V S G E MIL G R D Q P V I L Q L UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LOZGAM UNIRE	UniRef90_UPI00035CDD51	PIT	VSVTGAGQI	GYALLTRI	ASGSMFGA	D Q P V N L R L I
UNIREI90 LIGSYY UNIREI90 D3BR71 GK A P L R V A I T G A G Q I G Y A L L F R I V S G E MIL G R D Q P V I L Q L UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LOZGAM UNIRE			V L I T G A G O	G Y A L A P M V	ARGAALGA	DQPVI LIQILI
UNIREI90 LIGSYY UNIREI90 D3BR71 GK A P L R V A I T G A G Q I G Y A L L F R I V S G E MIL G R D Q P V I L Q L UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LIYO1 UNIREI90 LOZGAM UNIRE	UniRef90 I0HNH8	K P V R	V A V T G A G Q I	GYALLFRI	ASGEMLGK	DQPVLLQLL
UNIREI90_USSY/ UNIREI90_USSR71 G K A P R V A V I T G A G Q G Y A L L F R I X S G E M L G R D Q P V I L Q L UNIREI90_USSR71 G K A P R V A V I T G A G Q G Y A L L F R I A S G E M L G R D Q P V I L Q L UNIREI90_USGY81 UNIREI90_UPI0004054BA9 UNIREI90_UPI0004054BA9 UNIREI90_UPI0004054BA9 UNIREI90_QZBGW0 UNIREI90_QZBGW0 UNIREI90_QZBGW0 UNIREI90_UPI0003750AD1 UNIREI90_UPI0	UniRef90_G7H0Y9	TKPAT	LITLSGAGQI	GYSLLFRV	A G E M F G P	N T PIV RIL R ML
UniRei90_UP10004054BA9 UniRei90_UP10004054BA9 UniRei90_UP10004054BA9 UniRei90_UP10004054BA9 UniRei90_UP20MX1 UniRei90_EDDGP9 UniRei90_ABPPH4 UniRei90_ABPPH4 UniRei90_ABPPH4 UniRei90_CRESSWO UniRei90_UP10003750AD1 UniRei90_UP10003	UniRef90_L0GSY7	FVR	VAVTGAGOI	IGYAII I IFRII	V S G E ML G R	DQPVILQLL
UniRef90_U300v40s4bA9 UniRef90_U3GV81 UniRef90_U3GV81 UniRef90_C2BGW0 UniRef90_C2BGW0 UniRef90_C1B155 UniRef90_C1B155 UniRef90_C1B155 UniRef90_C3BGW5 UniRef90_C1B155 UniRef90_C3CW4 UniRef90_C7B155 UniRef90_	UniRef90_D3BR71	GKAPLR	VALTGAGQI	IGY OH LIFRI	ASGDMLGK	DQPVILQCL
UniRef90_U300v40s4bA9 UniRef90_U3GV81 UniRef90_U3GV81 UniRef90_C2BGW0 UniRef90_C2BGW0 UniRef90_C1B155 UniRef90_C1B155 UniRef90_C1B155 UniRef90_C3BGW5 UniRef90_C1B155 UniRef90_C3CW4 UniRef90_C7B155 UniRef90_			VAVTGAGQI	GYALLPHI	USGRTFGP ASGEMITGP	SIKIILHHLL DOPVIIOLI
UniRef90 L9ZMX1 UniRef90 E0DGP9 UniRef90 C2BGW0 UniRef90 C3BGW0 UniRef90 C3BGW0 UniRef90 C3BGW0 UniRef90 B9GPA5 UniRef90 B9GPA5 UniRef90 C3CMV4 UniRef90 L9ZMX1 UniRef90 L9ZMX	UniRef90_UPI0004054BA9	₽VN	TVTGAGN	GYALLFRI	ASGAILLIGP	DQRIVINILIRILLI
UniRef90_B9GPA5 UniRef90_UP10003750AD1 UniRef90_UP10003760AD1 UniRef90_UP10003760AD1 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100037E2BBA UniRef	UniRef90_U3GY81		V <u> A </u> V T G A G Q I	AYSLLWRI	ANGDIVIYGK	DTPIVIEILINILLI
UniRef90_B9GPA5 UniRef90_UP10003750AD1 UniRef90_UP10003760AD1 UniRef90_UP10003760AD1 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100037E2BBA UniRef	UniRef90_F0DGP9	K		AYSILLYSI	ANGDVYGK	DTPIFIOLI
UniRef90_B9GPA5 UniRef90_UP10003750AD1 UniRef90_UP10003760AD1 UniRef90_UP10003760AD1 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100047CD759 UniRef90_UP100037E2BBA UniRef	UniRef90_Q2BGW0	PVR	I AVTGAAGI	SYSLLFKI	AAGEMMGK	DQPVILQLI
UniRef90_Q23CW4 UniRef90_W8AAV0 UniRef90_R8B4R0 UniRef90_R8B4R0 UniRef90_C6M116 UniRef90_EM1LF1 UniRef90_PV	UniRef90_A8PPH4	K P I K		GYALLFRI	A S G Q M F G A	D Q P V L L HL L
UniRef90_UP10003750AD1	UniRef90_B9GPA5	VR	ŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢ	GYALAPMI	ARG <u>IM</u> LG <u>P</u>	DQP VIL H LL
UniRef90_UPI00037E2BBA UniRef90_C1MSW4 UniRef90_C1MSW4 UniRef90_Q6AQl3 UniRef90_Q6AQl3 UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UNIR	UniRef90_UPI0003750AD1	PVD		CVCIIEUI	ASGELLGL	DQP IVL R LL
UniRef90_UPI00037E2BBA UniRef90_C1MSW4 UniRef90_C1MSW4 UniRef90_Q6AQl3 UniRef90_Q6AQl3 UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UNIR		SPPAV	JV	GYAFLPLL GYASVFRI	LIGU <mark>UF</mark> GD AAGAMIGH	N K II IN L R L L D Q P I A I R I I
UniRef90_UPI00037E2BBA UniRef90_C1MSW4 UniRef90_C1MSW4 UniRef90_Q6AQl3 UniRef90_Q6AQl3 UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UNIR	UniRef90_W8AAV0	PVT	VTVTĞAĞQ	AYGLLFRI	ASGALLGA	DTPVRLRLL
UniRef90_UPI00037E2BBA UniRef90_C1MSW4 UniRef90_C1MSW4 UniRef90_Q6AQl3 UniRef90_Q6AQl3 UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UniRef90_UPI00037E3EBA UniRef90_UPI0003FA46FF UNIR		TSPVR	I A I T G A G S \	/ CYSILL FKII	A T G E MI D Q	D Q P V L L Q L I
UniRef90_UPI00037E2BBA UniRef90_C1MSW4 UniRef90_C1MSW4 UniRef90_Q6AQI3 UniRef90_Q6AQI3 UniRef90_UPI0003F2BBA U	UniRef90_C6M116	P P V R	I A V T G A G Q I	AYATLFRI	A G G ML G R	ĎQPVLQLL
UniRef90_UPI00037E2BBA UniRef90_C1MSW4 UniRef90_C1MSW4 UniRef90_Q6AQI3 UniRef90_Q6AQI3 UniRef90_UPI0003F2BBA U		GKNPVT	VTVTGAGQ	AYAALFRI	AAGDMLGP	DQPVALKLL
UniRef90_UPI00037E2BBA UniRef90_C1MSW4 UniRef90_C1MSW4 UniRef90_Q6AQI3 UniRef90_Q6AQI3 UniRef90_UPI0003F2BBA U		K PII IR		A Y S L L F R I	A FIGD MILIGY A S G S V F G P	ETPVELNII
UniRef90_A3Y861 UniRef90_C1MSW4 UniRef90_Q6AQI3 UniRef90_Q6AQI3 UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF UniRef90_UPI0004FA91D3 UniRef90_UPI0004FA91D3 UniRef90_UPI0004FA91D3 UniRef90_UPI0004FA91D3 UniRef90_C7M1P4 UniRef90_C7M1P4 UniRef90_C7M1P4 UniRef90_C7M1P4 UniRef90_MOSY74	UniRef90_M1MZR2	K	IAVTĞAĞQI	AYSLLWRL	AAGDVYGP	DTRIELSLI
UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI000378987C UniRef90_UPI00046A91D3 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D7MKJ1 UniRef90_D7MKJ1 UniRef90_F1Q1R1 UniRef90_C7M1P4 UniRef90_C7M1P4 UniRef90_M0SY74	UniRef90_UPI00037E2BBA		VVVTGAGQI	AYQLLFRI	A D G D V F G K	DTPVKLSLL
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UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI000378987C UniRef90_UPI00046A91D3 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D7MKJ1 UniRef90_D7MKJ1 UniRef90_F1Q1R1 UniRef90_C7M1P4 UniRef90_C7M1P4 UniRef90_M0SY74	UniRef90_Q6AQI3	PPVR	VALLEGAAG	/ S Y S L L F R I	AAGHMLGK	DQPVILQLI
UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI0003FA46FF UniRef90_UPI000378987C UniRef90_UPI00046A91D3 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D6ZLR14 UniRef90_D7MKJ1 UniRef90_D7MKJ1 UniRef90_F1Q1R1 UniRef90_C7M1P4 UniRef90_C7M1P4 UniRef90_M0SY74		E P V H	VLIIGAGQI	GYALVVRI	A A (3 1) F (3 1)	K K IV I IV I I <mark>T</mark> II I I
UniRef90_R5EG60 Vi Ref90_UPI000378987C UniRef90_UPI00046A91D3 UniRef90_F2LR14 UniRef90_D6ZIN9 UniRef90_D6ZIN9 UniRef90_F1Q1R1 UniRef90_C7M1P4 UniRef90_C7M1P4 UniRef90_MSY74	UniRef90_UPI000362CD90	SQAVK		A Y S L L WRI	A S G E V Y G P	ĎŤ PV ALREV
UniRef90_C7M1P4 UniRef90_M0SY74 UniRef90_M0SY74 UniRef90_M0SY74	UniRef90_UPI0003FA46FF	PKT	V T V T G A A G I	GYALLFRI	ASGQLLGP	D E KII KIL KIL L
UniRef90_C7M1P4 UniRef90_M0SY74 UniRef90_M0SY74 UniRef90_M0SY74		K P V K	VTLTGAGO	GYAALFRI	AAGDMLGA	DQPVSLRLI
UniRef90_C7M1P4 UniRef90_M0SY74 UniRef90_M0SY74 UniRef90_M0SY74	UniRef90_UPI00046A91D3		II ITII IT G A G QII	GYALLFRI	A A G D M L G P	DEKVŘĹŔĹĹ
UniRef90_C7M1P4 UniRef90_M0SY74 UniRef90_M0SY74 UniRef90_M0SY74		PVKR	VAVTGAGQI	AYSLLFRI	ANGDLLGK	QQPVLLQLL
UniRef90_F1Q1R1 UniRef90_C7M1P4 T T P V R V A V T G A G Q I A Y S L L F R L A A G D V F G P E T P I E L S L I UniRef90_MOSY74 MI A R G V M L G S D Q P V I L H L L	UniRef90_V5WKJ1	K R V R	VAVTGAGO	GYALLFRI	A S G Q M F G E	DTQVDLQLL
	UniRef90_F1Q1R1					
	UniRef90_C7M1P4	T T P V R	VAVT GAGQI	_AYSLLJFRL	A A G D V F G P	ETPIELSLI
UniRef90_K2B930	UniRef90_Q9FNS5	K T IV IK	IVIAIVIT GAGNII			
UniRef90_A4RY91	UniRef90_K2B930	SKRIK	VALTGAGQI	GYALIFRI	ASGQMFGA	DIEVELNLĪ
UniRef90_W5XUX1 E P V K T A V T G A G N A Y S L L WR A A G E V Y G P N Q P V Q L N L L UniRef90_K1Q0R2 V T I T G A G Q I G Y A M L F R I A S G E V F G E N V E I D L K L L UniRef90_L1PHI3 E P R I V T V T G A G Q I G Y A A L F R I A S G A V F G P D T P V K L N L L UniRef90_W9B5T4 UniRef90_W5WNF9 T E P I T V S V T G A G Q I G Y S L L F R L A Q G E V F G D R P L N L K L I	UniKet9U_Q5X216 UniRef90_A4RY91	R V R	VAVIGAGQI	GYALVERI GYALAPMV	A S G Q M F G P	N I E V E L N L L L
UniRef90_K1Q0R2	UniRef90_W5XUX1	E P V K	II IAIVIT GAGNII	A Y S L L WRI	AAGEVYGP	Ň <u>Q</u> PVQLNLL
UniRef90_UPB5T4	UniRef90 K1Q0R2		VTITGAGQI	GYAMLFRI	ASGEVEGE	NĀĒL DIFIKIF ĒJ
UniRef90_W5WNF9 TEPITIVISIVITĞAĞQİLIĞYSÜLIFRILIAQĞEVIFĞ DRPLINLIKLI		E P R [[V V 1 G A G N V T V T G A G O	GYALLIF RII GYAAI FRII	A S G A V F G P G A G A I I G R	D V P V K L N L L
	UniRef90_W5WNF9	TEPIT	VSVTGAGQI	ĞYSLLFRL	ĂQĞEVFĞ	DŘPLNĽKĽÍ
UniRef90_X5DVU4 P V T V T V T G A G Q I A Y S L L F R I A A G D A F G D R P V A F R L L	UniRef90_X5DVU4	PVT	VTVT GAGQI	AYSLLFRI	AAGDAFG	DRPVAFRLL

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QUERY UniRef90_I2JK25	D Q R P K A G A N K G V Q M E L Q N C A A L P N L L K S Q G T K S T G N G Y K N D T P A M D A L Q G V R M E L E D C A F P L L A G V V C T D D P N V G F K D
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UniRef90_D3PQL0	FILIT PAILIK AILIG GIV LIM FILIF D.C. A F PTILIA GIL VIA T D D PNILIA F G D
UniRef90_U5T573 UniRef90_D7CWD4	E V P P A M D A V Q G V M M E I D D C A F P L V A G L Q A S D K P E E T F Q D E I P P A M K A L E G V V M E L H D G A F P L L H G V T T T D D A K V A F E G E I T P A L G A L E G A V M E L N D C A F P L L Q S V S M S D D A E V A F K D
UniRef90_K0C734 UniRef90_I0YTX9	E I T P A L G A L E G A V M E L N D C A F P L L Q S V S M S D D A E V A F K D D I P P A A Q S L D G V K M E L I D S A F P L L H G V V A T T D V D E A T K D
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UniRef90_Q0K8F5 UniRef90_B2UKY5	DL
UniRef90_D5PG87 UniRef90_H2TUL9	EI EPALKALEGVVMELDD <mark>C</mark> AF <u>PTL</u> AGV <u>E</u> TGSDPNKIFDG
UniRef90_F8GE84	DI T DAQPFE E AI V MELYDC AFPLLTEI I T T DNPEV VF DN E! T P ALDALK GV V MELEDC AFPLLA GV VQT DD A KVAFK D
UniRef90_F5SSZ0 UniRef90_D7GCF6	DI T D A Q P F F E A I V M E L Y D C A F P L L T E I I T T D N P E V V F D N E I T P A L D A L K G V V M E L E D C A F P L L A G V V Q T D D A K V A F K D E I T P A L P R L E G V V M E L D D C A F P N L A G V E I G D D P E K V F D G E I T P A L K A L E G V V M E L D D C A F P T L A G V E I G D D P N A I F N G
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UniRef90_Q8H0P9	DI DOAGOANIOCITATI IIDO A FDI LIADIVEATODE AAFOD
UniRef90_V7IFQ7 UniRef90_V5DLA8	DLPQAQQAVQGVI MELHDC AFPLLADVFATSDPEAAFQDEIPPAMKALQGVVMELSDCAA PLLHRVEITDDPYKAFKK
UniRef90_E4NCD5 UniRef90_V5SI03	E I P Q G L K A A E G V A M E L D D C A F P L L R D I T I T D Q A N V A F D G D I P P M M G V L E G V V M E L A D C A L P L L K E V V P T S D P N V A F K D E I E P A M G A L E G T V M E L N D C A F S L L N E I V P T C D L A E G F R G
UniRef90_UPI00035CDD51 UniRef90_A3Y862	E I E P A M G A L E G T V M E L N D C A F S L L N E I V P T C D L A E G F R G E V P Q A M E Q L R G L A M E L E D C A L P L L H T I R I F D N P E A G F E N D I A P A E E S L K G V R M E L I D A A L P L L V D V V T T T D P E V A F K D
UniRef90_A0A059LII6 UniRef90_I0HNH8	EILEKANEAILBOWMEILENO AEDILLAOMEAUCHD MTAEKN
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UniRef90_L0GSY7	EVSQAMHVLDGVVMELQDCAS PLLYRIETTDDPRTAFKN ELPRAQRALKGVMMELEDC AFPLLAGVIGTSDPKVAFRD
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UniRef90_C7RQY8 UniRef90_UPI0004054BA9	- FILIP (JAIVI(JAAF (3 LA WEILIF I) - AAF PILI (3 LIVII)II IF IJ IJ PKAAF F (3 L
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UniRef90_E0DGP9 UniRef90_Q2BGW0	E I P V A L G G A E G V A M E L N D S A F P L L K N I V V T D K L E E A F D G E L P H A M D S L R G V A M E L M D C A Y P L L H T I T L H D N V E D G F K N
UniRef90_A8PPH4 UniRef90_C1B155	EILIEKSILIPMILINGIVIAMEILIED <mark>C</mark> AFPILLIKNII I <mark>C</mark> TSEILIKESMKD
UniRef90_B9GPA5	DI I Q P V A E S L K G V R M E L L D A A F P L L Q G I L A T T D V N E A C K G
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UniRef90_L7KV59 UniRef90_W8AAV0	D V P Q A E S L Q G V M E L N D G A Y P L L K S I K T G S N E S L L F Q D E L P Q A V P A A V G T A M E L D D G A F P L L K S I K T G S N E S L L F Q D E I P A A V G A L E G V A M E L E D G A F P L L S G I D I A D D P W V G F D G E V P E A M G A L R G I A M E L E D C A F P L L H S I S L H D K F E E G V V G E I P A A V R A A E G T A L E L E D G A F P L L A G V D V F D D P K H A F D G D L P Q A Q Q A L R G V I M E M Q D C A F P L L A D I F A T D D P E I A F K D E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A B E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A B E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A B E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A B E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A B E L T D S A F P L L Q N V E V T T D I A A G F D G E I P E G V R A B E L T D S A F P L L Q N V E V T T D I A A G F D G E I P L T D T T T T T T T T T T T T T T T T T
UniRef90_R8B4R0 UniRef90_R4LVF1	E V P A A V G A L E G V A M E L E D C A F P L L H S I S L H D K F E E G V V G E I P A A V R A A E G T A L E L E D G A F P L L A G V D V F D D P K H A F D G D L P Q A Q Q A L R G V I M E M Q D C A F P L L A D I F A T D D P E I A F K D E I P E G V R A A E G V A L E L T D S A F P L L Q N V E V T T D I A A G F D G D I P A A Q K A L K G V A M E L G D C A F P L L Q G I V C T D D L K V G F T D E I T P A L H A T E G V A M E L F D S A F P L L T G I N I T D D P A K A F D G E I T P A L H A T E G V A M E L F D S A F P L L T G I N I T D D P A K A F D G
UniRef90_C6M116 UniRef90_UPI00047CDF59	DLPQAQQALRGVIMEMQD <mark>C</mark> AFPLLADIFATDDPEIAFKD EIPEGVRAAEGVALELTD SAFPLLQNVEVTTDIAAGFDG
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UniRef90_M1MZR2 UniRef90_UPI00037E2BBA	DI PAAQKALKGVAMELGDC AFPLLQGIVCTDDLKVGFTD EI TPALHATEGVAMELFD SAFPLLTGINITDDPAKAFDG EI PDAVGAAEGVAMELGD SALPLLASVEVTDRAETAFDG EI PQAVRASEGVAMELED SAFPLLKGLEI TDDPNVAFKD EVSQAMTSLAGLALELEDC ALPLLQDIRIFDNPEEGFNG
UniRef90_A3Y861	EI PDAVGAAEGVAMELED SALPLLASVEVTDRAETAFDGEI PQAVRASEGVAMELED SALPLLASVEVTDRAETAFDGEVSQAMTSLAGLALELED CALPLLQDI RIFDNPEEGFNGGSERSKEALEGVAMELED SLYPLLRQVNLGIDPLKIFKDEI PQAMDVLKGVVLELED CAFPLLHGLVCSDDVHVAFKDEI PQAMDALQGCMELQDCAFPAVAGI VATDKIEEAFKDEI PQGMQALQGCCMELQDCAFPAVAGI VATDKIEEAFKD
UniRef90_C1MSW4 UniRef90_Q6AQI3	EVS QAMTSLAGLALELEDC ALPLLQDIRIFDNPEEGFNGGSERSKEALEGVAMELEDC AFPAVAGIVATOKIEEAFKDEIPQGMQALQGCCMELQDC AFPAVAGIVATOKIEEAFKDEIPQGMQALQGCCMELQDC AFPAVAGIVATOKIEEAFKDEIPQGMQALQGCCMELQDC AFPAVAGIVATOKIEEAFKDEIPQGMQALQGCCMELQDC AFPAVAGIVATOKIEEAFKDEIPQGMQALQGCCMELQDC AFPAVAGIVATOKIEEAFKDEIPQGMQALQGCCMELQDC AFPAVAGIVATORDPAVAFDGEIPQGMRAAEGVAMELLDC AFPALLRGLTVTDDPAVAFDGEIPQGMRAAEGVAMELLDDC AFPALLRGLTVTDDDPAVAFKDEIPQGMRAAEGAALELDDC AFPALLAGVEISDAPPVVCFKKDEIPQGMRAAEGAALELQD GAFPALLAGVEISDAPPVVAFRDGELEQAAPALRGVVMELEDC AFPALLAGVEISDOPRQAFRDGELEQAAPALRGVVMELEDC AFPALLAGVEISDOPRQAFKDDEIPPAAEAGGTAMELNDC AFPALLAGVIDITOPPRQAFKDDGELEQAAPALRGVKMELDDC AFPALLRGVATTNVEEAACGGDGGSERSKEAALEGVAMELLDDC AFPALLRGVATTNVEEAACGGDGGSERSKEAALEGVAMELLDDC AFPALLRGVATTNVEEAGCGDELEQAALPALKGVAMELLDDC AFPALLRGVATTNVEEAGCGDCELEQAALPALKGVAMELLDDC AFPALLRGVATTNVEEAGCGDCELEQAALPALKGVAMELLDDC AFPALLRGVVATTNVEEAGCGDCELEQAALPALKGVAMELLDDC AFPALLRGVAMELDDC AFPALRGVAMELDDD GAFPANLRGVAMELDDD GAFPANLRGVAMELTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
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UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF	E V P A A V K A L D G V A M E L L D C A F P Q L K G I E V T D D P A V A F D G D I P D A L R A A E G V A M E L M D S A F P L L R G L T V T D D L A T A F D G E I E P A L K A A E G T A M E L V D C A F P L L E S I D L T A D P N E A F D G E R E Q S L K N S R G V Q M E L D D C A F P L L N R I T A T S D P Y V C F K D
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UniRef90_Q9FNS5 UniRef90_K2B930	GSERSKEALEGVAMELED SLYPLLREVSIGTDPYEVFGD ELEQALPALKGVAMELED <mark>C</mark> AFPLLKKVRITSNVNEAMKE
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UniRef90_W5XUX1	D V E F A S E A L R G V K M E I M D C A F D A C V S V D V F T D C E K A C E G E I E Q A E Q A A R G V A M E L L D S A F P L V T D I K V T S E P R E A F E D E L E Q A L P A L N G V K M E L D D G A F P N L A S I T T T S S L D V A F G D
UniRef90_K1Q0R2 UniRef90_L1PHI3	E I E P A M A A L E G V A M E L D D C A F P L L R R M E L T T D L A R G F D G D I P P A A E A L N G V K M E L I D A A F P L L K G V V A T T N V E E A C G G G S E R S K E A L E G V A M E L E D C A F P L L K K V R I T S N V N E A M K E L E P A L P S L E G V A M E L E D C A F P L L K R I V C T A D L N K A M D G D V E F A S E A L R G V K M E I M D C A F D A C V S V D V F T D C E K A C E G E I E Q A E Q A A R G V A M E L L D S A F P L V T D I K V T S E P R E A F E D E L E Q A L P A L N G V K M E L D D C A F P N L A S I T T T S S L D V A F G D E I P Q G V K A A E G T A M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D I V D D P K A A F Q G C V M E L D D C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G V D D P K A A F Q G C V M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C A F P L L G C V A M E L D D C C
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UniRef90_X5DVU4	E P D A R R A A E GIVIA MELLIS D S A F P L V D S T T V T D D P D E G F A G

QUERY UniRef90_I2JK25	90 100 110 120 N N G V V A G E A A A A A A T A N A V K F K K K G A A K K A K V A D Y A L L V G A P R G P G M E K D L E F S V Q G K A D Q N A S K N I
UniRef90_P40925 UniRef90_UPI0003B5F752 UniRef90_Q3S892 UniRef90_C6WLQ8	A D Y A L L V G A R P R G P G M E R K D L L E I F S V Q G K A I D Q N A S K N I L D V A I L V G S M P R R E G M E R K D L L K I F K S Q G A A L D K Y A K K S V A D Y A L L V G A M P R K A G M E R K D L L E I F G P Q G K A L N D H A S R D V V D V A M L V G A M P R R E G M E R K D L L K I F K S M G N A I D T Q A K K N I V N V A L L V G A R P R T K G M E R G D L L Q I F K P Q G E A I N A G A A D D V A D Y A L L V G A M P R K Q G M E R A D L L Q I F T A Q G R A L S E N A R K H V
UniRef90_U5T573 UniRef90_U5T573 UniRef90_U7CWD4	VDVAML V GAMPRREGMERKDL L KI FKSMGNAI DT QAKKNI VNVAL L V GARPRTKGMERGDL L QI FKPQGEAI NAGAADD V ADYAL L V GAMPRKQGMERADL L QI FKPQGEAI NAGAADD V ADYAL L V GAMPRKQGMERADL L QI FTAQGRAL SENARKH V ADYIL L V GAKPRGPGMERKDL L EI FSAQGQAMNAVASRD V ADYAL L V GSRPRGPGMERKDL L HI FTEQGRAL NEVASREV I DFAFLVGARPRGPGMERKDL L EI FSVQGKAL NEVASREV I DFAFLVGARPRGPGMERKDL L EI FSVQGKAL NKVAKRD V
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UniRef90_A9UV42 UniRef90_Q5DM86 UniRef90_F3LEC4 UniRef90_W6LY07	ODAAI L V G A V P R R E G M E R K D L L K I F K M Q G Q D L D R V A K K S V L D V A L L V G A M P R K E G M E R K D L L K I F K E Q G K A L D Q F A K K T V A D Y A L L V G A R P R G P G M E R K D L L E I F S A Q G K A M N E T A S R D I A H F A M L V G A R P R G P G M E R K D L L A I F G P Q G R A I N D H A A R N V
UniRef90_F4GX93 UniRef90_D3TLF0 UniRef90_Q0K8F5	V D V A L L V G A R P R G P G M E R K D L L Q I F T A Q G K A L N D V A S R N V V A A A F L V G A M P R R E G M E R K D L L K I F K I Q G Q A L D K Y A N K D V A D V A D V A S R N V A D V A S R N V A D V A S R N V A D V A S R N V A D V A S R N V A D V A S R N V A D V A S R N V A D V A S R N V A D V A S R N V A D V A D V A S R N V A D V A D V A S R N V A D V A D V A S R N V A D V A
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UniRef90_F8GE84 UniRef90_F5SSZ0 UniRef90_D7GCF6 UniRef90_E6SE27	V D T A L L V G A R P R G E N M E R K D L L A I F T A Q G R A L N V A A K R N V V D Y A L L V G A R P R G P G M E R K D L L E I F S A Q G K A L N E V A S R D V A N L A M L V G A M P R K E G M D R S D L L K I F T G Q G K A L N K V A A D D V T N L A M L V G A M P R K E G M D R A D L L K I F T G Q G K A L G D N A A D D I
UniRef90_L7MCL9 UniRef90_UPI000374573C UniRef90_R4Z1M3	LDVAFLVGSMPRREGMERKDLLKI FKSQGNALDQYAKKTV ADYALLVGAMPRKAGMERDLLEI FTEQGRALSEVAKRSV ADVALLVGAMPRKAGMERGDLLAI FGPOGNALGRSAKADV
UniRef90_M4CF15 UniRef90_A7IFX5 UniRef90_Q8H0P9	VNLALIMIGGFARKEGMERRDNAVIFKAQASALERYASDD <mark>C</mark>
UniRef90_V7IFQ7 UniRef90_V5DLA8 UniRef90_E4NCD5 UniRef90_V5SI03	VDVAVMVGGFPRGPGMERKENVAI YKGQASALEEHANPGCAELALLVGARPRSKGMERADLLHIFTAQGAALNKVASRNVADYAFLVGARPRGAGMERKDLLEIFSVQGKALNEVANRNVANVALLVGARPRTAGMERGDLLSIFGPQGKAINANAADDIVSAAFLVGAMPRKENMERKDLLKIFKVQGEALNAYAKKDV
UniRef90_UPI00035CDD51 UniRef90_A3Y862 UniRef90_A0A059LII6	T D WAIL L VIG S VIP R K A G M E R N D L L K I I F T G Q G Q A I I A A N A A S G V
UniRef90_I0HNH8 UniRef90_G7H0Y9 UniRef90_H8GPW3	VDVAIL VGGFPRKEGMERKDNVSI YQAQAAALEKHGSKTA TDYALL VGARPRGPGMERADLLQI FTAQGKALNAVASRDV ANHALL VGARPRTAGMERSDLLEI FGPQGEALNDVAADDI ADYVFLVGARPRGPGMERKDLLEI FSVQGKALNEVASRKV ADYALL VGARPRGRGMERSDLLKI FIEQGRALDEVASRKV
UniRef90_L0GSY7 UniRef90_D3BR71 UniRef90_L1JY01 UniRef90_C7RQY8	DACIMLGAFPRGPGMERKDLLNIFSVQGKALDKIANRDI DACIMLGAFPRGPGMERKDLLNIFSVQGKALAFNASENV
UniRef90_UPI0004054BA9 UniRef90_U3GY81 UniRef90_H2ZMX1	A N A F L V G S M P R K A G M E R S D L S F G P Q G E A L N A G A A Q D
UniRef90_E0DGP9 UniRef90_Q2BGW0 UniRef90_A8PPH4 UniRef90_C1B155	T N A A F L V G A M P R G K G Q E R S D L L K I F G P Q G K A I N D H A A D D I A H Y A L L V G A K P R G P G M E R S D L L E I F A R Q G K A L N D Y A N R D V I N W A I L V G S M P R K A G M E R A D L L K I F A P Q G K A M N A Y A A S D V T D V A L L I G S R P R S K G M E R G D L L Q I F T V Q G R A I N Q V A A D G V
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UniRef90_K4LVF1 UniRef90_C6M116 UniRef90_UPI00047CDF59 UniRef90_F2DZ74	T NIVIAIL L VIGARPRT K GMERGDIL LIEILIEAPOGRAILIND Y A A S DIVI
UniRef90_E2MYA7 UniRef90_M1MZR2 UniRef90_UPl00037E2BBA	A N A A F L V G A K P R G K G E E R S A L L K I F G P Q G A A L N D H A A D D I A N A A F L V G A K P R G K G E E R A D L L A I F G P Q G R A L N D H A A D D I A N V A F L V G A K P R G K G E E R S A L L K I F G P Q G K A I N D H A A D D V
UniRef90_A3Y861 UniRef90_C1MSW4 UniRef90_Q6AQI3 UniRef90_A2DH14	A D Y A I L I G A R P R S A G M E R N D L L Q I F E R Q G K A L N D F A S P D V A E WA L L I G A K P R G P G M E R S D L L E I F V E Q G K A L N E V A N K T C A D Y A I L V G A R P R G P G M E R S D L I Q I F T T Q G E A L S A E A N P E V V D V A F L V G A F P R K D G M D R A D L L G I F T V Q G K T L S D Y A K P D V
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UniRef90_F2LR14 UniRef90_D6ZIN9 UniRef90_V5WKJ1 UniRef90_F1Q1R1	CNFGLLVGSMPRKQGMERADLISIFGPQGKAINDNAADDV ADWALLVGSIPRKKGMERADLLKIFVEQGTAIAAHAKKSC
UniRef90_C7M1P4 UniRef90_M0SY74 UniRef90_Q9FNS5	V N W A L L I G S V P R K A G M E R R D L L A I F R P Q G R A L A E H A A S D V V N [] A I M V G G F R R K E G T E R K D N V S I Y K A Q A S A L E Q Y A A A N C A D W A L M I G A K P R G P G M E R A D L L E I F Q V Q G R A L N E S A S R N C
UniRef90_K2B930 UniRef90_Q5X2T6 UniRef90_A4RY91 UniRef90_W5XUX1	V N WA V L V G S V P R K D G M E R S D L L K I F T A Q G R A I N E N A A S D V V N WA L L V G S V P R K Q G M E R S D L L Q I F T K Q G Q A I N D Y A S D D V V D V A L M V G G F P R K Q G M E R K D N V A I Y K Q Q A S A L A S K A K K D V V S A A F I V G A Q P R K K G M E R A D I L A I F T F Q G A A I N D V A R R T V
UniRef90_K1Q0R2 UniRef90_L1PHI3 UniRef90_W9B5T4	VS A A F L V G A Q P R K K G M E R A D L L A I F T E Q G A A L N D V A R R T V S D WA F L V G S V P R K A G M E R N D L L N I F T G Q G K A L D K N A K P T C T N A A F L V G A M P R R A G M E R A D L L E L F G P Q G K A I N D G A A E D V V D V A L L V G A K P R S K G M E R A D L L A A N A A L F K A L N V G A G S D V
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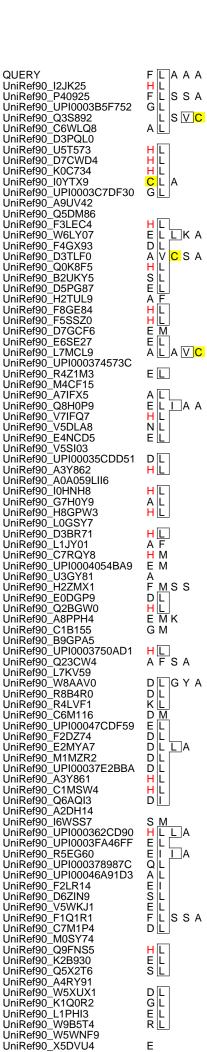
	400 440 450 400
QUERY UniRef90 I2JK25	130 140 150 160 A V I K K G K A A K K K K K K A S A G K K A K A K A R K V V V V R K D K K R A K K V L V V G N P A N T N A L I A Q R N A P S I S P R N F T A M T R L D H N R A M
UniRef90_P40925 UniRef90_UPI0003B5F752	K
UniRef90_Q3S892	K V V V V G N P A N T N A Y I C K K Y A P S I N P A N F T A L T R L D Q N R A Q
UniRef90_C6WLQ8 UniRef90_D3PQL0	KIVI VVIGNPANTNAILIITYKNAPNILISPROILIHAMTRILIDHNRAILI
UniRef90_U5T573 UniRef90_D7CWD4	RVLAVGNPANTNALI ARHNAPDL DPRSFTAMTRL DHNRAL KVLVVGNPANTNALI AMRSAPDL RPEQFTAMTRL DHNRAL
UniRef90_K0C734 UniRef90_I0YTX9	R V L V V G N P A N T N A L I A M N N A P D L D P R N F T A M T R L D H N R A M K V L V V A N P A N T N A L I L K E N A P S I P P E N T T C L T R L D H N R A L R I G V T G N P A N T N A L I A M S N A P D I P R E R F S A L T R L D H N R A L
UniRef90_UPI0003C7DF30 UniRef90_A9UV42	KIVI VVIGNESNI NAMILITA QYA ESILIEKS QES <mark>C</mark> ILITHILIDILINRAK
UniRef90_Q5DM86 UniRef90_F3LEC4	K V L V V G N P A N T N S L I A Q R N A P D L N P R N F T A M T R L D H N R A M
UniRef90_W6LY07 UniRef90_F4GX93	R
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UniRef90_D5PG87 UniRef90_H2TUL9	RIV L I IT G N P A N T N A IL I IA M S N A P DII IP R E R F S A IL IT R IL ID H N R A II I
UniRef90_F8GE84 UniRef90_F5SSZ0	KVLVVGNPANTN <mark>C</mark> LVAAKSAPSIPKANFS <mark>C</mark> LTRLDHNRAR KVLVVGNPANTNAYITLKNAPDLDPANFSAMLRLDHNRAV KVLVVGNPANTNALIAQRNAPDLDPRNFTA <u>M</u> TRLDHNRGL
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UniRef90_H2ZMX1 UniRef90_E0DGP9	K
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UniRef90_C1B193 UniRef90_B9GPA5 UniRef90_UPI0003750AD1	KILVVANPANTNALILKEFAPSIPŪKNETCLTRIDHNRAL KVLVTGNPANTNALILAINNAPDLAPECFTAMTMLDHKRAL
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A		170 180 190 200
Jingsego D, 49025 Jingsego C, 6900, 08 Jin	QUERY	<u>A </u>
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JARREND JOYTX00277D730 S G U N A S E T G T P V B S IN K N V S W G N B S S G Y P D V A H G T V A G K P J S J R R R G W G N B S S T G Y P D V A H G T V A G K P J S J R R R G W G N B S S S G Y P D V A H G T V A G K P J S J R R R G W G N B S S S G Y P D V A H G T V A G K P J S J R R R G W G N B S S S G Y P D V A H A K V M D D G D R R R R G W G N B S S S G Y P D V A H A K V M D D G S M R R R G W G N S S S G Y P D V A H A K V M D D S M R R W G W G S S G W P D V A K R R G W G W S S S G Y P D V A K R R G W G W S S S G Y P D V A K R R G W S S G W P D V A K R R G W S S S G Y P D V A K R R G W S S S G W P D V A K R R G W S S S G W P D V A K R R W G W S S S G W P D V A K R R W G W S S S G W P D V A K R R W G W S S S G W P D V A K R R W G W S S S G W P D V A K R W K W G W S S S G W P D V A K R W K W G W S S S G W P D V A K R W K W G W S S S G W P D V A K R W K W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S G W W G W S S G W P D V A K R W G W S G W W G W G	UniRef90_U5T573	A QII IA N R I G S HIVII GII IF RII II IVIWG N H S A I Q Y P DIVII H AIV VID G K A
JARREND JOYTX00277D730 S G U N A S E T G T P V B S IN K N V S W G N B S S G Y P D V A H G T V A G K P J S J R R R G W G N B S S T G Y P D V A H G T V A G K P J S J R R R G W G N B S S S G Y P D V A H G T V A G K P J S J R R R G W G N B S S S G Y P D V A H G T V A G K P J S J R R R G W G N B S S S G Y P D V A H A K V M D D G D R R R R G W G N B S S S G Y P D V A H A K V M D D G S M R R R G W G N S S S G Y P D V A H A K V M D D S M R R W G W G S S G W P D V A K R R G W G W S S S G Y P D V A K R R G W G W S S S G Y P D V A K R R G W S S G W P D V A K R R G W S S S G Y P D V A K R R G W S S S G W P D V A K R R G W S S S G W P D V A K R R W G W S S S G W P D V A K R R W G W S S S G W P D V A K R R W G W S S S G W P D V A K R R W G W S S S G W P D V A K R W K W G W S S S G W P D V A K R W K W G W S S S G W P D V A K R W K W G W S S S G W P D V A K R W K W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S S G W P D V A K R W G W S G W W G W S S G W P D V A K R W G W S G W W G W G	UniRef90_D7CWD4 UniRef90_K0C734	S QL A Q K A G V A V A E V R R M I I WG N H S S I Q V P D L I H A I I V G G R P S L L A E K T G N H N T D V T K M T I WG N H S A T Q Y P D L H N C L I N G
JAMERSO, ASUNAS SOURS SOURCE SOU	UniRef90_I0YTX9 UniRef90_UPI0003C7DF30	G QIVIA E R T G T PIVIS EIVIK NIV I I IWG N H S S S Q Y P DIVIA H G T IVIA G K P
Junkenson (1967) Junkenson (1	UniRef90_A9UV42	GFVARRUGVNPEQVKNVTIWGNHSATQYPDVSHAYVANPD
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JAIRGE90_L1Y01 S Q I A M R L K V P S S A V E N C T I W G N H S A T Q Y P D I T S T K I I S G K S JAIRGE90_C7RQY8 S Q I A N K T G R P I V A S F K Q IL V V W G N H S A T Q Y P D I T S T K I I S G K S JAIRGE90_L1Y0004054BA9 JAIRGE90_U90004054BA9 JAIRGE90_U900047CM59 S Q I A T K A G V P I V S S A V F R N W V W G N H S A T Q Y P D I T Q A T I K G A P J V J J I W G N H S A T Q Y P D I T Q A T I K G A P J V J J W G N H S A T Q Y P D I T Q A T I K G A P J W J J W G N H S A T Q Y P D I T Q A T I K G A P J W J J W G N H S A T Q Y P D J T Q A T I K G A P J W J W G N H S A T Q Y P D J T Q A T I K G A P J W J W G N H S A T Q Y P D J T Q A T I K G A P J W J W G N H S A T Q Y P D J T Q A T I K G A P J W J W G N H S A T Q Y P D J T Q A T I K G A P J W J W G N H S A T Q Y P D J T Q A T I K G A P J W J W G N H S A T Q Y P D J T Q A T I L G K Q N J J W G N H S A T Q Y P D J T Q A T I L G K Q N J J W G N H S A T Q Y P D J T Q A T I L G K Q N J M W W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T I L G K Q N J M W G N H S A T Q Y P D J T Q A T J L G G N J M W G N H S A T Q Y P D J T Q A T J L G G N J M W G N H S A T Q Y P D J T Q A T J L G G N J M W G N H S A T Q Y P D J T A T A T J L G G N J M W G N H S A T Q Y P D J T A T A T J L G G N J M W G N H S A T Q Y P D J T A T A T J L G G N J M W G N H S A T Q Y P D J T A T A T J L G G N J M W G N H S A T Q Y P D J T A T A T J L G G N J M W G N H S A T Q Y P D J T A T A T J L G G N J M W G N H S A T Q Y P D J T A T A T J L G T T T T T T T T T T T T T T T T T T	UniRef90_L0GSY7	S ML A G R A G K P V A A V E R M V V W G N H S P T M Y P D I R Y A T I E G E R
JAINERPO _USISY81	UniRef90_D3BR71 UniRef90_L1JY01	A QL S Q K A N
JAINERPO _USISY81	UniRef90_C7RQY8 UniRef90_UPI0004054BA9	S Q L A N K T G R P V A S F K Q L V V W G N H S P T M Y A D Y R N <mark>C</mark> T S N G D N A Q L A T K A G V H V S D D R V T V W G N H S T T Q Y P D L T Q A T I K G A P
JAIRÉP90_Q2BGWV0 JAIRÉP90_A8PPH4 A Q L A K K A A VIS VIS E V T Q M A V WG N H S S T Q Y P D E Y H A K I A H Q A J INKEP90_B9GPA5 S HI S E R LIN VID JVR D V K N V I I WG N H S S T Q Y P D E Y H A K I A H Q A J INKEP90_UP10003750AD1 JAIRÉP90_UP10003750AD1 S Q V A E K C G V L S R D V K N V A J WG N H S S T Q Y P D E H H A K V K G M INKEP90_UP10003750AD1 S Q V A E K C G V L S R D V K N V A J WG N H S S T Q Y P D E H H A K V K G M INKEP90_UP10003750AD1 S Q V A E K C G V L S R D V K N V A J WG N H S S T Q Y P D L H H A K V K G M INKEP90_UP10003750AD1 S Q V A E K E G G V L S R D V K N V A J WG N H S S T Q Y P D L H H A K V K G M INKEP90_UP10003750AD1 S Q V A E K E G G V L S R D V K N V A J WG N H S S T Q Y P D L H H A K V K G M INKEP90_UP100047CDF59 JAIREP90_REB4R0 G [L A N H T G A N P K D I R R II A V WG N H S A T Q Y P D L A H A T I I G G R A J A D I I R R II A V WG N H S A T Q Y P D L A H A T I G G R R P J J A I R W A J W A D W A E K T G S V A D I A K W A I W M S N H S P T Q Y P D L A H A T I G G R R P J J A I R W A J W A D W A E K T G S V A D I A K W A I W G N H S A T Q Y P D L A H A T I G G R R P J J A I R W A J W A D W A E K T G S V V A D I A K W A I W G N H S A T Q Y P D L T H A T I W G G R R P J J A I R W A J W A	UniRef90_U3GY81	SQLGTKLGKSSADFRNMVVWGNHSATQFPDISYATIIGGQN SQLAARIIGVSNDCVSNVLLWGNHSSTQYPDVAHASVKCGD
JniRef90_UP10003750AD1 S H I S K C GV L S R D V K N V A I WG N H S C T Q Y P D L H H A K V K G M JniRef90_U23CW4 JniRef90_U23CW4 A Q L S H R A G C S I T D V K N V L I WG N H S T T Q Y P D L H H A K V K G M JniRef90_W8AAV0 A Q L S H R A G C S I T D V K N V L I WG N H S A T Q Y P D L H H A R V K G R R S JniRef90_R8BAR0 JniRef90_R8BAR0 G L L A N H T G A N P K D II R R V T I WG N H S A T Q Y P D L G H A T L I Y G E P JniRef90_C6M16 S Q V A E K I G T P V P E L R K V A I WG N H S A T Q Y P D L G H A T L I Y G E P JniRef90_C6M16 S Q V A E K I N R P I P S I E Q M C V WG N H S A T Q Y P D L G H A T L I Y G G R P JniRef90_E72DZ74 JniRef90_E72DZ74 JniRef90_E72DZ74 JniRef90_E72DZ74 JniRef90_UP100037E2BBA G L A E H I N R P I P S I E Q M C V WG N H S P T M Y A D Y R Y A T S N G E S JniRef90_UP100037E2BBA JniRef90_UP100037E2BBA G L A E K I G V P T T E I K N MI V WG N H S A T Q F P D I T W A T V H G Q P JniRef90_C6M23 F Q V A E K R G W P T T E I K N MI V WG N H S A T Q F P D I T W A T V H G Q P JniRef90_UP100037E2BBA G L A K K H L G R D W T A E A WE N N I T I WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E2BBA G L A K K H L G W P T T E I K N MI V WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E2BBA G L A K K H L G W P T T E I K N MI V WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E2BBA G L A K K H L G W P T N E I H K V T I WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E4BFF A Q L A K K A G W P Y D T V S N W T N WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D L S Y A T L A G E K M WG N H S A T Q F P D L S Y A T L A G E K P M WG N H S A T Q F P D	UniRef90_E0DGP9	S QL G E KL G R D K N D I N D L V V W G N H S A T Q F P D L T Y A T I G S D S
JniRef90_UP10003750AD1 S H I S K C GV L S R D V K N V A I WG N H S C T Q Y P D L H H A K V K G M JniRef90_U23CW4 JniRef90_U23CW4 A Q L S H R A G C S I T D V K N V L I WG N H S T T Q Y P D L H H A K V K G M JniRef90_W8AAV0 A Q L S H R A G C S I T D V K N V L I WG N H S A T Q Y P D L H H A R V K G R R S JniRef90_R8BAR0 JniRef90_R8BAR0 G L L A N H T G A N P K D II R R V T I WG N H S A T Q Y P D L G H A T L I Y G E P JniRef90_C6M16 S Q V A E K I G T P V P E L R K V A I WG N H S A T Q Y P D L G H A T L I Y G E P JniRef90_C6M16 S Q V A E K I N R P I P S I E Q M C V WG N H S A T Q Y P D L G H A T L I Y G G R P JniRef90_E72DZ74 JniRef90_E72DZ74 JniRef90_E72DZ74 JniRef90_E72DZ74 JniRef90_UP100037E2BBA G L A E H I N R P I P S I E Q M C V WG N H S P T M Y A D Y R Y A T S N G E S JniRef90_UP100037E2BBA JniRef90_UP100037E2BBA G L A E K I G V P T T E I K N MI V WG N H S A T Q F P D I T W A T V H G Q P JniRef90_C6M23 F Q V A E K R G W P T T E I K N MI V WG N H S A T Q F P D I T W A T V H G Q P JniRef90_UP100037E2BBA G L A K K H L G R D W T A E A WE N N I T I WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E2BBA G L A K K H L G W P T T E I K N MI V WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E2BBA G L A K K H L G W P T T E I K N MI V WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E2BBA G L A K K H L G W P T N E I H K V T I WG N H S A T Q F P D I T W A T W H G Q P JniRef90_UP100037E4BFF A Q L A K K A G W P Y D T V S N W T N WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D I S Y A E I A G E K M W WG N H S A T Q F P D L S Y A T L A G E K M WG N H S A T Q F P D L S Y A T L A G E K P M WG N H S A T Q F P D	UniRef90_A8PPH4	A QL A K K A A VSVS E V T QMA V WG N H S S T Q Y P D F Y H A K I A H Q A
JniRef90	UniRef90_C1B155 UniRef90_B9GPA5	SHII ISERILINIVIDIVIR DIVIK NIVI I I WGNHSSI QYPDANYAII IA I I DII I
JiniRef90	UniRef90_UPI0003750AD1 UniRef90_Q23CW4	S Q V A E K <mark>C</mark> G V L S R D V K N V A V WG N H S <mark>C</mark> T Q Y P D L H H A K V K G M S Q A L K A G C S T D V K N V
JiniRef90	UniRef90 I 7KV59	A QL S HR A G V E V G E I S R V T I W G N H S A T Q Y P D I F H A R V G R R S A Q V A K K T G A A A A D I R R I A V W G N H S A S Q Y P D I A H A T I G G R A
JniRef90_UP10003FA46FF	UniRef90_R8B4R0	GELANHTGANPKDIRRVTIWGNHSNTQFPDLGHATLYGEP
JniRef90_UP10003FA46FF	UniRef90_C6M116	SQVAEKINRPIPSIEQMCVWGNHSPTMYADYRYATSNGES
JniRef90_UP10003FA46FF	UniRef90_UPI00047CDF59 UniRef90_F2DZ74	WQVAEKTGSVVADI AKVVVWGNHSPTMSPDLAWATVKGKR
JniRef90_UP10003FA46FF	UniRef90_E2MYA7 UniRef90_M1MZR2	S Q L S E K I G V P T T E I K N M I V W G N H S A D Q F P D I T Y A T A A G S Q L A T R L D V A T T D D N L V V W G N H S A T Q F P D I T W A T V H G Q P
JniRef90_UP10003FA46FF	UniRef90_UPI00037E2BBA UniRef90_A3Y861	S QIL A K K L G R D V T D F K Q V V A WG N H S A T Q F A D V S Y A T V G G G L V A K H L G V T A E A V E N V I I WG N H S S T O Y P D I N O A O A A G K S
JniRef90_UP10003FA46FF	UniRef90_C1MSW4	CQLALKAGVFYDTVSNVTI WGNHSTTQVPDFVNAKII DG
JniRef90_UP10003FA46FF JniRef90_R5EG60 T Q V A Q K A N S T V A Q I S K L A V W G N H S P T M F P D L F N A T V N G K P JniRef90_UP1000378987C JniRef90_UP1000378987C JniRef90_UP100046A91D3 A Q L A A E A G A G V A Q I D G V T I W G N H S A T Q Y P D L S H A T V G G A P JniRef90_D6ZIN9 JniRef90_D6ZIN9 JniRef90_D6ZIN9 JniRef90_V5WKJ1 T Q L A Q K A S V P V S S V K K MI V W G N H S A T Q Y P D L S F C E V D G K P JniRef90_V5WKJ1 T Q L A Q K A S V P V S A V K N L A I W G N H S P S M Y P D F Y H A T I N G JniRef90_C7M1P4 JniRef90_M0SY74 G G I A Q R L N I H V S D V K N V I I W G N H S A T Q Y P D D S H A K V K L Q G JniRef90_M0SY74 G G I A Q R L N I H V S D V K N V I I W G N H S S T Q Y P D A S H A T V I T Q A JniRef90_M0SY74 JniRef90_M0SY74 G G I A Q R L N I H V S D V K N V I I W G N H S S T Q Y P D A S H A T V I T Q A JniRef90_K2B930 JniRef90_A4BV04	UniRef90_Q0AQI3 UniRef90_A2DH14	GELSVKLGVPTNEIHKVTI WGNHSNTQVPDVSHAVYGKEN
JniRef90_UP10003FA46FF JniRef90_R5EG60 T Q V A Q K A N S T V A Q I S K L A V W G N H S P T M F P D L F N A T V N G K P JniRef90_UP1000378987C JniRef90_UP1000378987C JniRef90_UP100046A91D3 A Q L A A E A G A G V A Q I D G V T I W G N H S A T Q Y P D L S H A T V G G A P JniRef90_D6ZIN9 JniRef90_D6ZIN9 JniRef90_D6ZIN9 JniRef90_V5WKJ1 T Q L A Q K A S V P V S S V K K MI V W G N H S A T Q Y P D L S F C E V D G K P JniRef90_V5WKJ1 T Q L A Q K A S V P V S A V K N L A I W G N H S P S M Y P D F Y H A T I N G JniRef90_C7M1P4 JniRef90_M0SY74 G G I A Q R L N I H V S D V K N V I I W G N H S A T Q Y P D D S H A K V K L Q G JniRef90_M0SY74 G G I A Q R L N I H V S D V K N V I I W G N H S S T Q Y P D A S H A T V I T Q A JniRef90_M0SY74 JniRef90_M0SY74 G G I A Q R L N I H V S D V K N V I I W G N H S S T Q Y P D A S H A T V I T Q A JniRef90_K2B930 JniRef90_A4BV04	UniRef90_I6WSS7 UniRef90_UPI000362CD90	A QIV A Q K L E R P S A E L E K M V V W G N H S A T Q F P D L S Y A T L A G E P
JniRef90_D6ZIN9	UniRef90_UPI0003FA46FF UniRef90_R5EG60	G Q L A S K L G V A L
JniRef90_D6ZIN9	UniRef90_UPI000378987C	GLLAAEAGAGVAQIIDGVTIWGNHSATQYPDLSHATVGGAP
JniRef90_C/M1P4 I QL A QR A GV A L DE V R I V A I WG N H S A I QV P D Y WH A R I G R P JniRef90_M0SY74 G G I A Q R L N I HV S D V K N V I I WG N H S S T QY P D A S H A T V I T Q A JniRef90_Q9FNS5 C Q L A L K S G K F Y T S V S R M A I WG N H S T T Q V P D F V N A R I G G L P JniRef90_Q5X2T6 T Q L A K K A G V D I T A V T Q M T I WG N H S A T Q Y P D F Y N A K I N G K P	UniRef90_F2LR14	SQLAARCGVEVGAITQLAVWGNHSPTMYADYRH ALADG
JniRef90_C/M1P4 I QL A QR A GV A L D E V R I V A I WG N H S A I QV P D Y WH A R I G R P JniRef90_M0SY74 GG I A QR L N I HV S D V K N V I I WG N H S S T QY P D A S H A T V I T Q A JniRef90_Q9FNS5 CQ L A L K S G K F Y T S V S R M A I WG N H S T T QV P D F V N A R I G G L P JniRef90_Q5X2T6 T QL A K K A G V D I T A V T Q M T I WG N H S A T Q Y P D F Y N A K I N G K P	UniRef90_V5WKJ1	TQLAQKASVPVSAVKNLAIWGNHSPSMYPDFYHATINN
JniRef90_M0SY74 G G I A Q R L N I H V S D V K N V I I W G N H S S T Q Y P D A S H A T V I T Q A JniRef90_Q9FNS5 C Q L A L K S G K F Y T S V S R M A I W G N H S T T Q V P D F V N A R I G G L P JniRef90_K2B930 S Q L A L K A N V D V D A I S Q M I W G N H S A T Q Y P D F Y H A K I N G K P JniRef90_Q5X2T6 T Q L A K K A Q V D L T A V T Q M T I W G N H S A T Q Y P D F Y N A K I N G T S	UniRef90_C7M1P4	T QL A QR A GV A L D E V R T V A I WG N H S S T Q Y P D V S H A K V K L Q G
JniRef90_Q5X2T6 T QIL A K K A GVDIL T A VIT Q M T II WG N H S A T Q Y P D F Y N A K II N G T S	UniRef90_M0SY74 UniRef90_Q9FNS5	G G I A Q R L N L H V S D V K N V I I W G N H S S T Q Y P D A S H A T V I T Q A C O I A L K S G K F Y T S V S R M A I W G N H S T T O V P D F V N A R I G G I P
	UniRef90_K2B930	SQLALKANVDVDAIISQMIIWGNHSATQYPDFYHAKIINGKP TQLAKKAGVDIITAVTOMTIIWGNHSATQYPDFYNAKIINGTS
JniRef90_K1Q0R2 SQL A K K V SQN D V R N L A I W G N H S S T Q Y P D F Y H A T I K G K P JniRef90_L1PHI3 SQL A H K T G A A V A D V K N L V V W G N H S A D Q Y P D V S Y A T V A G K A J A L A A H A G V H V G D V S R V T V W G N H S P T M Y P D I F H A Q V G G R P JniRef90_W5WNF9 A Q L A D K L G E P V K N L S H V T V W G N H S A T Q F P D A T E V R V N G E P JniRef90_X5DVI44 A Q L A D K L G E P V K N L S H V T V W G N H S A T Q F P D A T E V R V N G E P JniRef90_X5DVI44	UniRef90_A4RY91	
JNIRE19U_LIPHIS SQL A H K I G A A V A D V K N L V V W G N H S A D Q Y P D V S Y A T V A G K A JNIRE190_W9B5T4 A A L A A H A G V H V G D V S R V T V W G N H S P T M Y P D L F H A Q V G G R P JNIRE190_W5WNF9 A Q L A D K L G E P V K N L S H V T V W G N H S A T Q F P D A T E V R V N G E P JNIRE190_X5DVI44 A Q L A F K L G T S T T R L T N M T V W G N H S S T G F P D V A F L P	UniRef90_K1Q0R2	S QL A Q K A K V S Q N D V R N L A I W G N H S S T Q Y P D F Y H A T I K G K P
JniRef90_W5WNF9 A QIL A D K L G E P V K N L S H V T V W G N H S A T Q F P D A T E V R V N G E P IniRef90_X5DVI 4 A QIL A E K L G T S T T R I L T N M T V W G N H S S T Q F P D V A E I L P I L D G	UniRef90_W9B5T4	S Q L A
	UniRef90_W5WNF9 UniRef90_X5DVU4	A QIL A D K L G E P V K N L S H V T V W G N H S A T Q F P D A T E V R V N G E P A QIL A E K L G T S T T R L T N M T V W G N H S S T Q F P D V A F I R

	210 220 230 240
QUERY	A K K K K A K K K I I A W K A G A K K K A A A K K A A A A A A A A
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UniRef90_Q3S892	MPIVIR E AIVIK D D N WIL IN N D F II IK T IVIQ Q R G A AIV I IA R K IL IS S A M S A A
UniRef90_C6WLQ8 UniRef90_D3PQL0	A A E A V N D Q A WLENDFI PT V A K R G A A I I A R G A S S A A S A A A Y E L V G D H D W Y A N T Y I P K V A K R G A E I I A R G A S S A A S A A
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UniRef90_D7CWD4 UniRef90_K0C734	A T E V V D D A WVR D T F MP T V Q K R G A A I I A R G A S S A A S A A E D A L S K V D A S W Y A D D F I P A V Q Q R G A A I I A R G L S S A A S A A
UniRef90_I0YTX9	IKEAVADD A WLAGDFI STVQQRGAAI IKRGMSSALSAA RPAVDVIDDQSWIENDFI PTVAKRGAI IEARGASSAASAA
UniRef90_UPI0003C7DF30 UniRef90_A9UV42	R P A V D V I D D Q S W I E N D F I P T V A K R G A I I E A R G A S S A A S A A G T K T E A V N D D A W I H G E F V Q S V Q R G G A V I K A R K L S S A L S A A
UniRef90_Q5DM86	G E K Y E A V K D D S W
UniRef90_F3LEC4 UniRef90_W6LY07	G K Q A M S L T D Q A W Y E G D F I P T V Q Q R G A A I I A A R G A S S A A S A A T A L V D Q G W Y R N T F I P E V Q Q R G A A I I A R G A S S A A S A A
UniRef90_F4GX93	LA GLINDDAWNRDTFI PTVGKRGAALIARGLSSAASAA
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UniRef90_B2UKY5	
UniRef90_D5PG87 UniRef90_H2TUL9	S E I I T C A I I K D E A WII IK G E E II IA T IVIO O R G A A IVI I A R K II IS S A M S A A
UniRef90_F8GE84	KVASLIGDTAWLENHFIPTVQKRGTAIIERGKSSAASAA ALDQVDRD WYENSYIPSVQKRGAAILERGASSAASAA
UniRef90_F5SSZ0 UniRef90_D7GCF6	AYE <u>LVNDE</u> AW Y <u>E</u> NTY <u>I</u> PE <u>VA</u> KRGGA <u>V</u> IKARG <u>A</u> SSAASAA
UniRef90_E6SE27 UniRef90_L7MCL9	A A D L VE Q S WIT D E Y I P T V A K R G G A I T A R G L S S A A S A A V K V T D A L K D E A Y F Q G E F L T T V Q K R G A A V I A R K L S S A M S A A
UniRef90_UPI000374573C	A II IF WIVID M F W Y F K T F II IP T IV IA O R G A A II I I IA R G A S S A A S A A
UniRef90_R4Z1M3 UniRef90_M4CF15	ATDAVD QAWMADEFIPTVAKRGAAIIARGSSSAASAAGDQPVRELDQKWLKNEFSTEVQQRGAEILARRQSSALSAALPELINDETW YRETLLPKVGKRGAALIEARGLSSAASAA
UniRef90_A7IFX5	LPELINDET W YRETLLPKVGKRGAALIEARGLSSAASAA
UniRef90_Q8H0P9 UniRef90_V7IFQ7	
UniRef90_V5DLA8	A LSVVDYEWFTDEFIPKVQQRGELINARGQSSAASAA
UniRef90_E4NCD5 UniRef90_V5SI03	A F D A V G G D Q
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UniRef90_A3Y862 UniRef90_A0A059LII6	
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UniRef90_G7H0Y9 UniRef90_H8GPW3	ALE MVGTE WAEGVFIETVAQRGALIEARGGSSVASTA DALSLVERDWFVDEFISTVQQRGATVIARGLSSAASAA ASD LVDAAWYKETYIPSVAKRGAAIIARGTSSAASAA
UniRef90_L0GSY7	ASD LVDAAWYKETYI PSVAKRGAAI I ARGTSSAASAA
UniRef90_D3BR71 UniRef90_L1JY01	ISNYISDN A WIKDNFIPTVQQRGAAIIARGLSSAASAA QKVGDVIQNPGYLHGEFIKVVQQRGAAIIARKLSSAMSAA VK ALINDAVWNNDVFLPTVGKRGAAIIARGLSSAASAA
UniRef90_C7RQY8	QK V G D V I QN P G Y L H G E F I K V V Q Q R G A A I I A R K L S S A M S A A V K A L I N D A V W N N D V F L P T V G K R G A A I I A R G L S S A A S A A I P E I L A D R A W V E E D F I P T V A K R G A L I A A R G A S S A A S A A
UniRef90_UPI0004054BA9 UniRef90_U3GY81	VSD LVDQQWYLEEFVPRVAKRGAEI IERGKSSAASAA
UniRef90_H2ZMX1 UniRef90_E0DGP9	VSD VDQQWYLEEFVPRVAKRGAEI IERGKSSAASAA TEVVSCVKDDNWLNGEFITTVQKRGAVIAARKLSSAMSAA VMDLID HHWYVDEFIPRVAKRGAEIIERGKSSAASAA AMSQIDT TWYRDEFIPKVQKRGGEIIARGLSSAASAA
UniRef90_Q2BGW0	AMSQIDT TWYRDEFI PKVQKRGGEI I ARGUSSAASAA
UniRef90_A8PPH4 UniRef90_C1B155	VIDVIPDK NWLENDFIHRVQKRGAAVIARGASSAASAA GADLAADREWLTGDFIPTVANRGAIIEARGTSSAASAA
UniRef90_B9GPA5	G E K SIVIR EIL VIA D D H WII ID Y E YIVIR E R G A EII I IK A R KILIS S AILIS A A
UniRef90_UPI0003750AD1 UniRef90_Q23CW4	DV L S L V E Q S W F V D E F I P T V Q Y R G E I I K V R G Q S S A A S A A K R I R Q F I N D E A Y L N N A F I E R V Q K R G G E V A A R K N S S V M S A A
UniRef90_L7KV59	GADII IAAD REWII VIDDEII IPTIVIARRGTAII IEARGSSSAASAA
UniRef90_W8AAV0 UniRef90_R8B4R0	A M S QIVID F N WYRD H FILIO KILIO K R G A AIV LIA R G R S S A A S A A
UniRef90_R4LVF1	VAE LVEQSWLADEFIPRVAKRGAELIERGASSAASAAVKDMITEPDWNTEVFMPKLAGRGAGLIAARGSSSAASAANAYEVADPEWLRGPYVE RVAKRGAELIEVRGSSSAASAA
UniRef90_C6M116 UniRef90_UPI00047CDF59	AYEVADPEWIRGPYVERVAKRGAELIEVRGSSSAASAA
UniRef90_F2DZ74 UniRef90_E2MYA7	ALLDL VIGEE WY I K I FII PRIVIQ K R G A EI I I E R GLIS S A A S A G E K IV S D K IV D A A WIV E O D E II PRIVIA K R G A EI I I E R G S S S A A S A A
UniRef90_M1MZR2	LADRID HDWYTGEFLPRVARRGELIEVRGKSSAASAA
UniRef90_UPI00037E2BBA UniRef90_A3Y861	IADRID HDWYTGEFIPRVARRGEIIEVRGKSSAASAA EKVSGLVEEAWLRDEFEPRVAKRGAEIIERGSSSAASAA VLNQIDESYYHHELIPKIQQRGSEIIKARGHSSAASAA KKAVEVIGDDAWLEEEFTPTIQTRGGALIKKGRSSAASTA
UniRef90_C1MSW4	KKAVEVI GDDA WLEEEFT PTI QTRGGALIKKGRSSAASTA
UniRef90_Q6AQI3 UniRef90_A2DH14	WAKG VENNWHGDNLIPIIQQRGAAVIARGASSAASAA KKVSEALQAEYYQGEFVTKISTRGGAVIKMRGASSAASAA
UniRef90_I6WSS7	ADQWIIADD AWIIAEDEIIPIVARRGAAVIAARGRSSAASA
UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF	VADR VEGAWYREEFMPRVAKRGAEIIERGRSSAASAA AVE VVDDMAWYENEYLPNVGRRGAAIIARGASSAASAA
UniRef90_R5EG60	A L D L T E D
UniRef90_UPI000378987C UniRef90_UPI00046A91D3	ALEAVD PQWARGAYI ERVAKRGAEI I ERGGSSVASAA VQDRI VGDVPAWLDQTFII PRVAKRGAEI I ERGSSSVASAA
UniRef90_F2LR14 UniRef90_D6ZIN9	
UniRef90_V5WKJ1	KPAHOVIDDEDWIDGEELITTVOKRGAALIARGASSAASAA
UniRef90_F1Q1R1 UniRef90_C7M1P4	
UniRef90_M0SY74	GEKKELIADDKWLHDEFISFVQQRGAAIIARGASSAASAA APD VIRDMKWFREEFTPKVARGGALIKKWGRSSAASTA ATD IITDLHWLQNDFIPLVQKRGAAVIARGASSAASAA
UniRef90_Q9FNS5 UniRef90_K2B930	A P D V I R D M K W F R E E F T P K V A R G G A L I K K W G R S S A A S T A A T D I I T D H W L Q N D F L P I V Q K R G A E V I A R G A S S A A S A A
UniRef90_Q5X2T6	
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UniRef90_K1Q0R2	A T E V I A D E
UniRef90_L1PHI3 UniRef90_W9B5T4	A S E L V D E A W L A D Y F R P T I V A K R G A A I L A R G A S S A A S A A G A D F A A D T F W L A T D F L P T I V A K R G A L L F A R G T S S A A S A A
UniRef90_W5WNF9	ARGRÍDDE WVEGEFI PRVÁKRGAEI TÉRGRSSÁÁSÁÁ EPVAGSLEQTWVDEDFI PRVÁQRGGELI EVRGSSSÁÁSÁÁ
UniRef90_X5DVU4	<u> </u>

QUERY UniRef90_l2JK25 UniRef90_P40925	250 260 270 280 K A V C K H I K K I F K A A K A V H A A K A K K A K A A A K W K A K K A A F K K N A A I G H V R S W A L G T E G D D W V S M G V Y S D G S Y G I A E G L I Y S F K A I C D H V R D W F G T P E G E F V S M G V I S D G N S Y G V P D D L L Y S F
UniRef90_UPI0003B5F752 UniRef90_Q3S892 UniRef90_C6WLQ8 UniRef90_D3PQL0	KAVOK HI KKI F KAAKAVHAAKAKAKAAAK WKAKAAF KK NAAL GHVRS WAL GTE GDD WVS M GVY S D GS Y GI A E GL I Y S F KAL C D H V R D W F GT P E G E F V S M G V I S D G N S Y G V P D D L L Y S F S A A I D H M R D W A L G T P D G E WV S M A V P S D G S Y G I E P G V I Y G Y KAL V D H V R D W W N G V P D G T Y V S M A V P S D G S Y N I E E G L I Y S F N A A L N H I H D W V N G T A E G D W V S M A I P S D G S Y G V P E G L I S S F S A A I D H M R D W A L G T P A G D W V S M A I P S D G S Y G I P E G L V Y S F
UniRef90_U5T573 UniRef90_D7CWD4 UniRef90_K0C734 UniRef90_I0YTX9	S A A I D H M R D WALL GT P A G D WV S M A I P S D G S Y G I P E G L V Y S Y S A A I D H M R D WT L GT S G D D WV S M A I P S D G S Y G I T E G L I Y S F S A A I D H M R D WV L G T P E G D WT S M A I P S T G A Y G V A E G L I Y S F S S A L D H M R T WV Q G T A D G D WV S M G V F S D G S Y G A P K D V V F S F S S A C D H I R D W I K G T P S G T WV S M G V F S D G S Y G A P K D V V F S F S A T I D A A H D W L L G S P S D D WV S M A V A S D G S Y D I P E G L V Y S F K A I S D H M H T WWF G T P D G E F T S M G V V S D G S Y G A P L D I M F S F K A I V D H M H D WWF G T K P G E WV T M S V I S D G S Y G A P L D I M F S F S S A I D H M R D WALL G T P E G D W T S M G V Y S D G S Y G I Q E G L I Y S F S S A I D H M R D WALL G T A E G D W V S M S V P A D G S Y G I Q E G L I Y S Y N A A I D H W H D W V L G S N G K WV T M G I P S D G S Y G I P E G I I Y G V K A A C D H M H D W W F G T P A G K F V S M G V M S D G S Y D T P K D V V Y S F N A A I D H V R D W V L G T N G K V T M G I P S D G S Y G I P A D T M F G Y S A A V D T V R S L A T Q T P E G D W Y S V A V C S D G S Y G I P E G I I C S F
UniRef90_UPI0003C7DF30 UniRef90_A9UV42 UniRef90_Q5DM86 UniRef90_F3LEC4	KAISDHMHT WWF GTPDGEFTSMGVVSDGSYGTTEGIVYSF KAIVDHMHDWWF GTKPGEWVTMSVISDGSYGAPLDIMFSF ANAIFHMRDWALGTPEGDWTSMGVYSDGSYGAPLDIMFSF
UniRef90_W6LY07 UniRef90_F4GX93 UniRef90_D3TLF0 UniRef90_Q0K8F5	NAALDHWADWALGTAEGDWVSMSVPADGSYGIGEGVTYSY NAALDHVHDWVLGSNGK WVTMGIPSDGSYGIPEGIIYGV KAACDHMHDWWFGTPAGKFVSMGVMSDGSYDTPKDVVYSF NAALDHVRDWVLGTNGK VVTMGIPSNGEYGIPADTMFGY
UniRef90_B2UKY5 UniRef90_D5PG87 UniRef90_H2TUL9 UniRef90_F8GE84	S A T V D A A R D W L L G S P D G D W V S M S V T S D G S Y G V P E G L I S S F K A I C D H M R D W T G T P E G E F I S M G V Y S T G N S Y G V P D D L I Y S F N A L I N H M Q S W F G T P E D D W V S M G V P S N G C Y D I P R G V I F S Y
UniRef90_F5SSZ0 UniRef90_D7GCF6 UniRef90_E6SE27 UniRef90_L7MCL9	KAAADHVHD WWHGTAEGE WVS MAV MSDASYGS PSDVIFSY
UniRef90_UPI000374573C UniRef90_R4Z1M3 UniRef90_M4CF15 UniRef90_A7IFX5 UniRef90_Q8H0P9	NAAI EHI RDWALGTPEGDWVSMAI PSDGSYGVPEGIVYSFNAAIDHI RTWTVGTDEGNWTSMAVPSDGSYGVDEGLISSFSAACDHI HDWFLGTPKGSWVSMGVCSDGSYGIAPGLVYSFNAAVDHMHDWI HGTDGKWVSMGVASDGSYGVPEGIVFGV
UniRef90_V7IFQ7 UniRef90_V7DLA8 UniRef90_E4NCD5 UniRef90_V5SI03	NAAI EHI RDWALGIPEGDWVSMAI PSDGSYGVPEGIVYSF NAAI DHI RTWTVGTDEGNWTSMAVPSDGSYGVDEGLISSF SAACDHI HDWFLGTPKGSWVSMGVCSDGSYGIAPGLVYSF NAAVDHMHDWI HGTDGK WVSMGVASDGSYGVPEGIVFGV SSVCDHI RDWVNGTPPGTWVSMGVVSPGGYGVEEGLMYSF NAAI EHI RDWVLGSN GHWVTMGVPSDGSYGIPEGLIFGL NAAI EHI RDWVLGSN GHWVTMGVPSDGSYGIPEGLISSF NAAI DHVYTWVNGTPAGDWTSMGIVSDGSYGVPEGLISSF KAATDHMHDWWNGTEAGKWVSMGVVSDGSYGVPKDIVFSF NGVVDTVRTRT
UniRef90_UPI00035CDD51 UniRef90_A3Y862 UniRef90_A0A059LII6 UniRef90_I0HNH8	SSACDHIRDWVCGTPEGTWVSMGVVSDGSYGAPKDVVYSF
UniRef90_G7H0Y9 UniRef90_H8GPW3 UniRef90_L0GSY7 UniRef90_D3BR71	TALIDHWRDWALGIN GEWVINMGVPSNGEYGIPKDVWFGF TALIDHVRDRFGLSDPEDWTSTALISDGSYGVPEGLVCSY NAAIDQMRTWALDTPEGDWVSMGVLSDGSYAIERDLMYSF NAAIAHMRDWALGTSGRWVTMGVVSDGSYGIPEGLVYGV SAALDHMRDWTYGTNGQWTSMAVFSDGSYGIPEGLVYGV KALSDHMHDWVVGSNGKTVSMAVFSDGSYGIEKGLIYSF NAAIDHMRDWVLGSDEWVTMGVPSDGSYGIPAGIVFGF SAAIDHMRDWVLGSSDWTSAAIMSDGSYGVPEGLVFGF SSALDHMRDWVQGSENWCSAAVVSDGSYGVFEGLVFGF
UniRef90_L1JY01 UniRef90_C7RQY8 UniRef90_UPl0004054BA9 UniRef90_U3GY81	KAISDHMHDWVVGSNGKT VSMAVPSDGSYGIEKGLIYSFNAAIDHMRDWVLGSD EWVTMGVPSDGSYGIPAGIVFGFSAAIDHVHDWVLGTS GSWTSAAIMSDGSYDVPEGIISSFSSAIDHMRDWVQGSEN WCSAAVVSDGSYGVPEGLVFGF
UniRef90_H2ZMX1 UniRef90_E0DGP9 UniRef90_Q2BGW0 UniRef90_A8PPH4	KAICDHÜRDWHFGTKGDKWTSMGI YSNGSYGI KEGI I YSÜ SSAVDHMHDWINGTE RWSTAAIPSDGSYGVPEGLLFGF QAIVDQMRDWVLGTEPGEIISMGI LSDGSYGI AKGI FYSF NAVVDSIYHLTHDTQKDDFFSVASCSMGQYGVDEGLIFSF
UniRef90_C1B155 UniRef90_B9GPA5 UniRef90_UPI0003750AD1 UniRef90_Q23CW4	S S A V D H M H D WI N G T E R WS T A A I P S D G S Y G I R E G I I Y S V S A V D H M H D WI N G T E R WS T A A I P S D G S Y G V P E G L L F G F Q A I V D Q M R D W V L G T E P G E I I S M G L L S D G S Y G I A K G I F Y S F N A V V D S I Y H L T H D T Q K D D F F S V A S C S M G Q Y G V D E G L I F S F N A A L D H V H D W V L G T P E G D W T S V A L P S T G A Y G V P E G L V S S F S A A C D H V H D W I L G T A K G T W V S M G V Y S D G S Y G I Q P D I I Y S F H A A L E H M R V W A F G T D P G D W V S M A V A S D G S Y G V P E G L V Y S F N A V K D H L H D W Y F G T K S G E F V S M A V Y S D G S Y G V P E G I V C S F S A A I D H I H D W V L G T P A D D W T S T A L P S P G V Y G V P E G I V C S F S A A I D H I H D W V L G T P A D D W T S M A V P S D G S Y G V P E G L I S S F S A A I D H I H D W V L G T D F N D W V S M A V V S D G S Y G V P E G L I S S F S A A I D H I H D W V L G T D F N D W V S M A V V S D G S Y G V P E G L I S S F S A A I D H I H D W V L G T D F N D W V S M A V V S D G S Y G V P E G L I S S F S A A I D H I H D W V L G T D F N D W V S M A V V S D G S Y G V P E G L I S S F S A A I D H I H D W V L G T D F N D W V S M A V V S D G S Y G V P E G L I S S F S S A A I D H I H D W V L G T D F N D W V S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V V S D G S Y G V P E G L I S S F S S A B I D H I H D W V L G T D F N D W S M A V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S Y G V P S D G S
UniRef90_L7KV59 UniRef90_W8AAV0 UniRef90_R8B4R0 UniRef90_R4LVF1	NATI DHVHDWVLGTPADDWTSTALPSPGVYGVPEGIVCSF SAAI DHI HDWVLGTAPGDWTSMAVPSDGSYGVPEGLISSF QAVINHMHDWINGTDENDWVSMAIVSDGSYGIAKGIVYSF SAAIDHVHDWVLGTPEGDWTSAAVPSDGSYGVPEGLISSF
UniRef90_C6M116 UniRef90_UPI00047CDF59 UniRef90_F2DZ74 UniRef90_E2MYA7	QAVINHMHDWINGTDENDWVSMAIVSDGSYGIPEGLISSF AAIDHVHDWINGTDENDWVSMAIVSDGSYGIPEGLISSF AAIDHVHDWVLGTPEGDWTSAAVPSDGSYGVPEGLISSF AAIY HLRDWLLGSSGKWITMGVPSDGSYGVPEGLISSF AAIY HLRDWVLGT GERWTSVALPSEGWYGVPEGLIFGF GASIDHIRDWVLGT GERWTSVALPSEGWYGVPEGLVCSF NAALEHMRSWFLGHKHDWVSFGIWSNGNTYNVPEGLFYSF AAAVDHMRDWVMGTPEGDWVSVALPSDGSYGIDEGLVAGV
UniRef90_M1MZR2 UniRef90_UPI00037E2BBA UniRef90_A3Y861 UniRef90_C1MSW4 UniRef90_Q6AQI3	S S A V D H M R D WL A G T E T WS S A A V V S D G S Y G I D A G L V A G L S A A I D H M H D W C L G T P Q D N W V T A A L P S D G S Y G V P E G L V F G F Q A I I D H M H D W A L G T Q N D D I V S M A T F S D G S Y G I E K G L F Y S F V S I A D A I K S L V T P T P E G D W F S T A V S T D G P Y G I A E G I V F S M S A A I D H M R N W V L G S G G K W V S M G V Y S R G N S Y G L D E D I M F S L N A A L E H M R S W C F G T P A D D W V S M A V P E N E P Y G I K K G V I Y S F
UniRef90_A2DH14 UniRef90_I6WSS7 UniRef90_UPI000362CD90 UniRef90_UPI0003FA46FF	NAALEHMRS WCFGTPADDWVSMAVPENEPYGIKKGVIYSF ANATIHVRDWLLGTPGGDWTSMAVVSDGSYGVPAGLVSSF SAAVDHMRDWVQGSRG WATAAVVSDGSYGVEEGLVFGF NAALDHVHDWVLGAPGR VSMAVVPSOGOYGVEEGLLSSF
UniRef90_R5EG60 UniRef90_UPl000378987C UniRef90_UPl00046A91D3 UniRef90_F2LR14	N A A L E H M R S W C F G T P A D D W S M A V P E N E P Y G I K K G V I Y S F A N A T I H V R D W L L G T P G G D W T S M A V V S D G S Y G V P A G L V S S F S A A V D H M R D W V Q G S R G WA T A A V V S D G S Y G V E E G L V F G F N A A I D H V H D W V L G A P G R V S M A V P S Q G Q Y G V E E G L I S S F N A A I D H I H D W V L G S N G E W A T M A V P S D G S Y G I P E G L T F G M N A A I E H V R D W M L G T G E R R T S A A V V S H G E Y G V P E G L I S S F S A T I D H V R D W V R G T E D W T S A A V V S R G E Y G V P E G L V Y S G N A A I D Q M R D W V L G S D G R W V S M S I V S S G E Y G I P A G L V Y S G M A A A I D Q M R D W V L G S D G R W V S M S I V S S G G Y G V P E G L S Y G F N A V V D T V R N L T T P T P E G E F F S V A V S S D G S Y G V P E G I M F S F K A I C D H V R D I W F G T P E G E F V S M G I I S D G P Y G V P D D L L Y S F N A V I D S V R S V I H P S A A D D W E A L G V V S A G E Y G I P E G L F F G F S A A C D H I H D W V L G T P K G T W T S M G V Y S D G S Y G V P E G L I F S F V S V A D A I R A L V V P T A P G D C F S T V I S D G N P Y G V R E G L I F S F
UniRef90_D6ZIN9 UniRef90_V5WKJ1 UniRef90_F1Q1R1 UniRef90_C7M1P4	A A A I D H M H S W A C G T P A G D W V T A A I P S A G Q Y G V P E G L S Y G F N A V V D T V R N L T T P T P E G E F F S V A V S S D G S Y G V P E G I M F S F K A I C D H V R D I W F G T P E G E F V S M G I I S D G P Y G V P D D L L Y S F N A V I D S V R S V I H P S A A D D W E A L G V V S A G E Y G I P E G L F F G F
UniRef90_M0SY74 UniRef90_Q9FNS5 UniRef90_K2B930 UniRef90_Q5X2T6	S A A C D H I H D WV L G T P K G T W T S M G V Y S D G S Y G V P P G L I Y S F V S V A D A I R A L V V P T A P G D C F S T V I S D G N P Y G V R E G L I F S F N A A L M T V Y N L T H D T A Q G E T F S V A R C S Q G E Y G I D E G L I F S F N A I I T G V N H L V I T D T P A G E S F S M C R R S K G E Y G V D E G L I F S F S S V C D H V Y D W I H G T K E G E W T S M G V I S D G S Y G V P E G L V Y S F S A S I D H M R D W I H G I E D P A W R T A G I Y S D G S Y G I E E G L F V G L N A A I E T A K R L S C R T P D G Q W F S V A V S T N A A Y G I K K D L M F S Y S C F E T P D G Q W F S V A V S T N A A Y G I K K D L M F S Y S C F E T P A C F E T T A A V M S D C A Y G V P S G F T T A A V M S D C A Y G V P S G T T D A C T T T A T T T T T T T T T T T T T T
UniRef90_A4RY91 UniRef90_W5XUX1 UniRef90_K1Q0R2 UniRef90_L1PHI3	S S V C D H V Y D W I H G T K E G E W T S M G V I S D G S Y G V P E G L V Y S F S A S I D H M R D W I H G I E D P A W R T A G I Y S D G S Y G I E E G L F V G L N A A I E T A K R L S C R T P D G Q W F S V A V S T N A A Y G I K K D L M F S Y N A A I D H M H D W V L G T P A G E F T T A A I M S D G H Y G V P A G L C F G F
UniRef90_W9B5T4 UniRef90_W5WNF9 UniRef90_X5DVU4	NAAI DHMHDWVLGTPAGEFTTAAI MSDGHYGVPAGL <mark>O</mark> FGFNAAI DHVRDWVDGTDPADWTSVALPSPGVYGIPETVVASLSAALDHMRDWVHGTPEDDWVSVALPSDGSYGIPEGLQFGFSSAVDHMHDWFNGTPQGDWVSVALRSDGSYGIPEGLFASF

QUERY	290 300 310 320 A <u>A K I</u> K A K A W K I V K G L K I K A F K K A K K K V K A A K <u>K</u> A A G K K K <u>G</u> K
UniRef90_I2JK25	PCRCKDGEWEII VIQGII IEIVINDESRAKMQASEQEII IAEERDGIVIK
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UniRef90_Q3S892	PIVIRT K D H T V EIL VIK GILITILIN D E S R E K M D A T E K EIL IS E E K N M A
UniRef90_C6WLQ8	P V T V K D G K Y S I V Q G L E I N E F S R A R I D A S VA E L V E E R D A V K P C V C K D G D F E I V Q G L E I N E F S R S K M D A S A K E L A D E R D A V
UniRef90_D3PQL0 UniRef90_U5T573	PVTVKDGKYSI VQGLEI NEFSRARIDASVAEL VEERDAVK PCVCKDGDFEI VQGLEI NEFSRSKMDASAKELADERDAV PVRCVDGRYEI VQGLEI DAFSRERMSATEQEL I EERDAVK
UniRef90_D7CWD4	PIVIT T A G G T II IRIV VIE GILIEIVIG D F II IR Q K M R A S E A E IL I IE E R E A IVIA
UniRef90_K0C734 UniRef90_I0YTX9	DIVIE C K IN C C WEIL VIN CH KH HYDE A A C KH K A L C DELL VIE E K AH IA E
UniRef90_UPI0003C7DF30	PVTTSGGDWSI VQGLEINEFSRGKMDATAAELVEERDAVQ
UniRef90_A9UV42 UniRef90_Q5DM86	PVTTSGGDWSIVQGLEINEFSRGKMDATAAELVEERDAVQ PVSVKNGQLNIVQGLSVDDFSREMMDRTDQELTQEKETA PVELKDKKWKIVKNLSMDDWAKSKFKITADELVEEREMA PCVCKNGDWEIVQGVELNDFSIEKMKATEQELAEERDAVA PCVCKNGDYEIVQGLSVDEFSREKMLATEQELREERASVE
UniRef90_F3LEC4	PCVCKNGDWEI VQGVELNDFSIEKMKATEQELAEERDAVA PCVCKNGDYEL VQGLSVDEFSREKMLATEQELREERASVE PVTTANGEYTRVEGLEI DAFSRERMDFTLKELLEERDGVQ
UniRef90_W6LY07 UniRef90 F4GX93	P
UniRef90_D3TLF0	PVELKNKQWKI VQGLPI NDFAKSKMALTSKELLEEKNEAM
UniRef90_Q0K8F5 UniRef90_B2UKY5	PVTTANGKYEII VKGLEI DAYSQEKI NLTLNELEEEKAGVQ PRTTKDGGWEII VQGLPVDAFSREKI DATVNELKEERDAVS
UniRef90_D5PG87	PVTTKDGDWKI VTGLEI NDFSRARI DKSTGELADERNAVT
UniRef90_H2TUL9 UniRef90_F8GE84	PVQLKDKSWKI VDGLGI NSFSQTKMDATAAELMEERDTAL PVTCKNGQYKI VEGLELTPSDREKMQKSYQELLAEQEALK
UniRef90_F5SSZ0 UniRef90_D7GCF6	P V E I K D K K W K I V K N L S M D D W A K S K F K I T A D E L V E E R E M A P C V C K N G D W E I V Q G V E L N D F S I E K M K A T E Q E L A E E R D A V A P C V C K N G D Y E I V Q G L S V D E F S R E K M L A T E Q E L R E E R A S V E P V T T A N G E Y T R V E G L E I D A F S R E R M D F T L K E L L E E R D G V Q P V E I K N K Q W K I V Q G L P I N D F A K S K M A L T S K E L L E E K N E A M P V T T A N G K Y E I V K G L E I D A Y S Q E K I N I T L N E L E E E K A G V Q P R T T K D G G W E I V Q G L P V D A F S R E K I D A T V N E L K E E R D A V S P V T T K D G D W K I V T G L E I N D F S R A R L D K S T G E L A D E R N A V T P V Q I K D K S W K I V D G L G I N S F S Q T K M D A T A A E L M E E R D T A L P V T C K N G Q Y K I V E G L E L T P S D R E K M Q K S Y Q E L I A E Q E A I K P C T C S N G D W K I V E G L D T S A F S Q E K M K A T E Q E L S E E R D A V E P V T C K D G K Y E I V Q G L D L N D F S K K K I A A T V D E L T K E Q G E V R P C V V K D G K Y E I V Q G L E L N D F S R E R II A A S V A R L E S E R D Q V K
UniRef90_E6SE27	PCVVKDGKYEI VQGI ELNDFSKKKI AATVDELTKEQGEVK
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UniRef90_M4CF15 UniRef90_A7IFX5	PCTCANGEYSIVQGLEIDDFSRARIDASVAELREERDAVAPVICEKGSWKIVQGLSVDEFSREKMDDSARELAEEKALAPAVCSGGEYEVVKGLPMDDFSKAMFEKTLNELLEERDGVA
UniRef90_Q8H0P9	PVTCVD G K W S I V Q G L T I D E R S R A L M D A T A A E L K E E K A M A E
UniRef90_V7IFQ7 UniRef90_V5DLA8	PVVCENGEYRVIK DLPIDDESRERUGUTUK ELEDERAAVA
UniRef90_E4NCD5	PVTTKDGKFEI VQGLDLSEFDRKRIDASVGELAEERDAVQ
UniRef90_V5SI03 UniRef90_UPI00035CDD51	PVRVINGELSVVKGLDINDFSLRNMRATEAELKEERELIK PVTTKDGKFEIVQGLDLSEFDRKRIDASVGELAEERDAVQ PVTLENKQWKIVQGLNVDDFAKSKFDVT PIRTDGSTWEVVQGVELDEFSRAKVDASVAELASEREAVA PVRCRYGRYQIVTGLELSDFSKERMKITEAELLDEKASVN PVTCKDGKWSIVQGLSIDERSRKLMDATGEELVDEKKLA PVTCANGEYKIVEGLPIDEFSQACIDKTLAELIGERDGVQ PVRPVDGRWEIVQGLAIDEFSRTKLDASVAELEEERAAVQ PVTVINGEVSLVKGLDISEFSMQRMKLSEAELKDERDAIR PCTCEAGSWQRVEGLEIDAFSRQMMDRTLEELLEERD
UniRef90_A3Y862	PVR CRYGRYQI VT GLELSDFSKERMK TEAEL LDEKASVN
UniRef90_A0A059LII6 UniRef90_I0HNH8	PVTCKDGKWŠI VQGLSI DERSRKEMDATGEELVDEKK <u>LA</u> PVTCANGEYKI VEGLPI DEFSQA <mark>C</mark> I DKTLAELIGERDGVQ
UniRef90_G7H0Y9	PVR PVD G R WEI VQ GLAI DEFS RT KLDASVA EL EEERA AVQ
UniRef90_H8GPW3 UniRef90_L0GSY7	PVTVINGEVSIVKGLDISEFSMQRMKLSEAELKDERDAIR PCTCEAGSWQRVEGLEIDAFSRQMMDRTLEELLEERD
UniRef90_D3BR71	PVICKNGQYEI VQGLKLDQFSKERFDVTNKELISERDAIA
UniRef90_L1JY01 UniRef90_C7RQY8	PVVCSAGKYTI VQNLKVDQFSRKMMDETMNELKQERDTAL PCECKGGSFKI I QGI EI DDYSRDKMNKTLKELTDEQDAVK PCTSVNGEWKI VEGLEI DEFSRGRI DASAAEL VEEKTAVA
UniRef90_UPI0004054BA9	
UniRef90_U3GY81 UniRef90 H2ZMX1	PIVIŘÍ A G G A F T AIVIT GILISII IS D F Ă R S K M D E T Ă E ELL F G E K L M Ă E
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UniRef90_Q23CW4	P V T C Q K G E W S I V Q G L K I N E F S R E K M D T S M K E L T R E E S L A P V T V V D G Q I G I V K G L D L N E F S L A R L R Q N E V E L K E E R Q A L K P V T C S N F N Y K I V Q G L N I D E F S K E K I R I T T E E L L S E K A D P V R S V A G E W E I V E G L D I N E F S R A R I D A S I V E L E A E R D A A P V T C A G G E Y T I V P D L E I D D F A R G R I D A S V A E L V S E R D A V I
UniRef90_L7KV59 UniRef90_W8AAV0	PVT CAGGEYTI VPDLEI DDFARGRUDHSVAELVSERDAVI
UniRef90_R8B4R0	PVRCDYGRFQI VRGLKI SDFARKKMTATEQELLITEMKTVA
UniRef90_R4LVF1 UniRef90_C6M116	PVICDAGSYRI VQGLDLDEFSRQRI AATLAELEEERAAIQ
UniRef90_UPI00047CDF59 UniRef90_F2DZ74	PARSSGGRWSVVIEDILISMDEFSAGKILIAASVIAEILIEAERDAVE
UniRef90_E2MYA7	PCYAKDGE WVRVEGLDLSEVQRAGITERNVKALREERDAVK
UniRef90_M1MZR2 UniRef90_UPI00037E2BBA	PTIVIARDGK WEII VIQGILIEILINDFQRERII IAANVIEEILIRAEREAIVIA PARSIVINGEWOII VIPDII IEII TDYORERII IAONIVIAEII IEEEKAAIVIVI
UniRef90_A3Y861	PMQCHDGVCEI KQGLALSEFSKARMLETQQELMAERASIN
UniRef90_C1MSW4 UniRef90_Q6AQI3	PURSKUGSYEILVIE GILIEII IND WILIREKII IKASEE EILITKEAD <mark>CI</mark> VIS PIVII <mark>C</mark> EDGDWREIVIA GILIEILISSFORA MILIEAT FAFII IOAFRFAIVIA
UniRef90_A2DH14	PCTVDKEGUHVVEGLAINDWVRGKMEATEKELVGEKETA
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UniRef90 UPI0003FA46FF	PVEVGDGSYKI VEGLEVGEFAQSKI DÜTVNELKĞERDAVR
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UniRef90_UPI00046A91D3	PVQSVDGEWHI VEGLEI DDRARARI DASVAEL VEERDAVR
UniRef90_F2LR14 UniRef90_D6ZIN9	PVTSDGKEWKVVEGLEIISEKTQSKIIKFNADKAAAEIIDTVK
UniRef90_V5WKJ1	PVRSTGDGWEI VQGLEHNGFGHSKLNATREELLNEQAAVE
UniRef90_F1Q1R1 UniRef90_C7M1P4	PVRSDGERVHVVEGLDVPEPLAARLAVTRDELTAERAEIG
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UniRef90_Q9FNS5 UniRef90_K2B930	PCRTEGGKLKVITGLTQNEFGQQKLQLTLDELRKEKEMVK
UniRef90_Q5X2T6 UniRef90_A4RY91	PCRREHGELKVVENLEFNDFGRERFNTTLNELRSERDTVK
UniRef90_W5XUX1	PTRAVGGA WEV VT GLOVT DAQQERI QASVDEL KAERDMVA
UniRef90_K1Q0R2	P V R S WA G E W E I V E G L DI I N E F S R A R I D A A V I A E R D A A V I A A A T D V A A B A C A A V I A A A T D V A A B A A T D V A A B A A T D V A A A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A T D V A A B A A A T D V A A B A A T D V A A B A A A T D V A A B A A A T D V A A B A A A T D V A A B A A A T D V A A B A A A A T D A A A A A T D A A A A T D A A A A
UniRef90_L1PHI3 UniRef90_W9B5T4	PVTSDGGEWKVVVEGLEVSDSTRAGIEHNIAALQDEYNTVK PVRAVDGAWQIVEGLDVNEFSRARIDASVAELLDERAAVE
UniRef90_W5WNF9	PCRS V NGEWE IV QG
UniRef90_X5DVU4	PCRSVDGRWEII VQGLELDERQQERIRTTADELASELDTVR



	1 10 20 30 40
UniRef90_Q8H0K0 UniRef90_S5RPG2	VNVAVSGAGMISNHLLFKLASGEVFGQDQPIALKLL
UniRef90_UPI00029A5633	S T P <u>A</u> T V T V T G A A G I A Y S L <u>L </u> F R I A S G <u>L V F G P E T P V R L R L </u>
UniRef90_A2DMN2 UniRef90_UPI0003B450A4	E P H L T G A G Q G Y A L T F R A K G D L C G D R K V V L H L L
UniRef90_R7KKP7	TRPIRIAVTGCGSIGYSILFRIASGDLFGHQQPVELRLL
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UniRef90_Q822E9	TVSVAVTGTGQIAYSFLEALAHGDVFGSDCSIDLRVY
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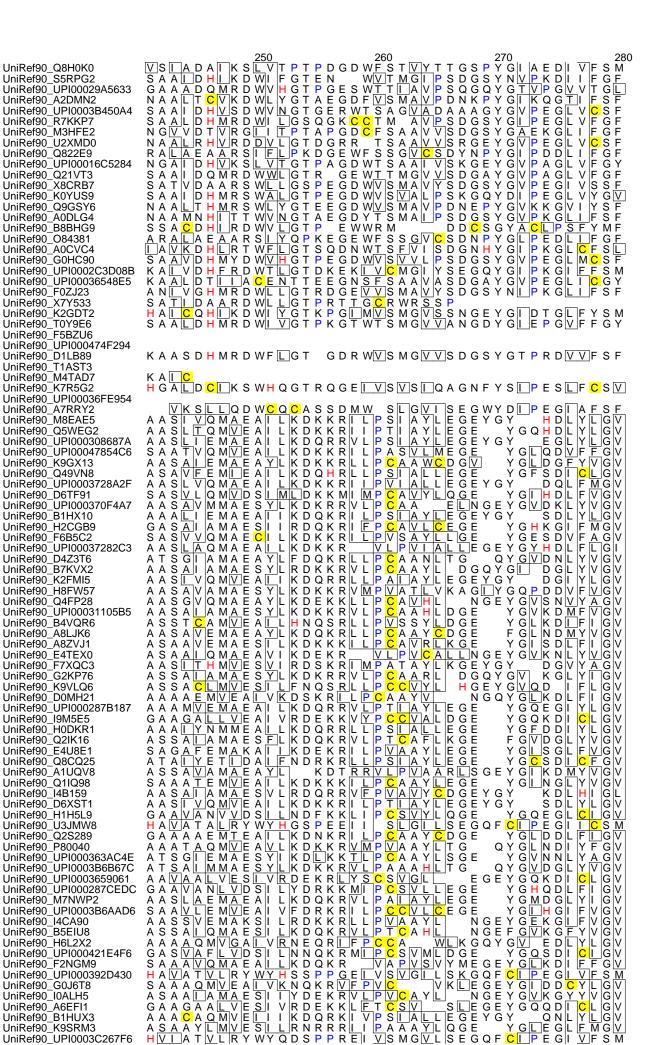
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UniRef90_UPI0003B450A4 UniRef90_R7KKP7	A N V A L L V G A R P R T A G M E R G D L L E I F G P Q G K A I N E H A A A Q C V F L I G A Q P R K D G M D R S D L L E I F K R Q G Q A L N E R A S	
UniRef90_K7KKF7 UniRef90_M3HFE2	I N WALL V G S V P R K A G M E R G D L L K I F V N Q G K A I E K N A A	SDV
UniRef90_U2XMD0	ANII IAMII VIGARPRI AGMERGDII I IAII IEGPOGAAII IAASAA	SDV
UniRef90_Q822E9	DAAFLIGAAPRGPGMERSDLLEIFSLQGSVLNV <mark>C</mark> AK CNYALLVGAAPRG <u>P</u> GEQRSDLIAIFVGQGQAIAKNAA	RDA
UniRef90_UPI00016C5284 UniRef90_Q21VT3	CNYALLVGAAPRGPGEQRSDLIAIFVGQGQAIAKNAA TQIALLVSARPRAVGAERAD <u>NA</u> KIFAAQGAVIGR <u>H</u> AN	
UniRef90_Q21V13 UniRef90_X8CRB7	VNLAL L V G A R P R G P G M E R S D L L E I F T A Q G K A L N E V A A	
UniRef90_K0YUS9	CNYALLIGARPRSKGMERADILLEII FGPQGKAII NDHAA	D D V
UniRef90_Q9GSY6	IVIDIVIA FIL VIGA F P R K D G M D R A DIL LIEII IF TIVIQ G K AILIS D F A N	PNV
UniRef90_A0DLG4 UniRef90_B8BHG9	V N Y A L M V G A K P R G P G M E R G D L L K I F T E T G K Y I N D H A S V N V A V M V G G F P R K E G M E R K D N V S I Y N P K L L L S R L M Q P	RDL
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UniRef90_G0HC90	A D A A F L V G A K P R G K G A E R A D N G G I F G P Q G K A I A A N A H	SGV
UniRef90_UPI0002C3D08B UniRef90_UPI00036548E5	VETAILVAGMPRKVGMERKELIGINTRIMKELKNYAS ADWFLLVGSIPRKKIEERSDLLKIFVKQGEAIGKNGK	
UniRef90_F0ZJ23		RDV
UniRef90_X7Y533	IVINILIAILI VIGARPRTKGMERGDII LIEILIETAQGKAILINEIVIAA	
UniRef90_K2GDT2 UniRef90_T0Y9E6	V D V A L I V A G V P R K P G M Q R S D L I N V N K K V M E M L G T Y S N A D Y A F L V G S R P R T Q G M E R K D L L E I F K S Q G R A L N E R A S	K D V R Q V
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UniRef90_UPI000474F294	IVIN WAIL L VIG SIVIP R K Q G M E R S DIL L IKII IF T K Q G Q A II IN D Y A A	DDV
UniRef90_D1LB89	VAAAFL VGAMPRREGMERKDLLSIFKEQGQALDKVAX	KDV
UniRef90_T1AST3 UniRef90_M4TAD7	V D F A L L V G S R P R G P G M E R K D L L E I F A P Q G K A L N A H A K V D L A I M V G A M P R R E G M L R K D L L K I F E V Q G K A L D E V A K	R S V K D V
UniRef90_K7R5G2	IVID YII VIMILIG AILIA R G P G M E R S DIL LIKII IF E E A G K NII IQILIF S R	$PD\overline{T}$
UniRef90_UPI00036FE954	A N V G L	DDI
UniRef90_A7RRY2 UniRef90_M8EAE5	A S V V V L L D G K A I N E G T D K K E Y L K L F R D Y G K A L E A H A K A D L V I V T A G I A R K P G M S R D D L V N T N A A I M R S V A E Q V K	O H A
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UniRef90_UPI00047854C6 UniRef90_K9GX13	S D V V I L T S G A P R K P G M S R E D L L R V N A E I T A N I R K I V S A D V V I V T A G V P R K P G M S R D D L I E T N A K V M S A V G K G I K	PNA
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UniRef90_UPI0003728A2F	S D V I T A G A R K P G M S R D D L V N T N A G V R S V <mark> C</mark> E Q V K	P D A
UniRef90_D6TF91	S DI V V I T S G F P R K P G M T R D D L V E I V S Q V T E Q V V K Y S	P D C
UniRef90_UPI000370F4A7 UniRef90_B1HX10	A D V V I V T A G V P R K P G M S R D D L L G I N K V T E A V A D G T K S D V V I I T A G V A R K P G M S R D D L V Q I N Q G V M K T V S K E I A	PNA
UniRef90_H2CGB9	A DII <mark>C</mark> II VIT A GII IP R K P G M S R D DIL I IKII VIK DIVIA E NII IK K Y A P	D S
UniRef90_F6B5C2	S D V V I I T A G I A R K P G M S R D D L L S I V R S V T E Q I V K Y S S D L V I I T A G V A R K P G M S R D D L V S I V C S V C E R I K E V A P	
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UniRef90_UPI00031105B5	A D V V T A G V P R K P G M S R D D L L G N L K V M E S V K Q Y A	PDA
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UniRef90_D0MH21	S D I C V I IT A G S P R K P G M S R D D I I I A I I N A K I V I R S I V I T F Q G S	PNA
UniRef90_UPI000287B187	S DI VI I T A GVARK P G M S R D D L V R L N Q R V M Q S V T E E V S	PDA
UniRef90_I9M5E5 UniRef90_H0DKR1	SDIVVVIIISGI PRKPGMIREDLIGINAGI VKGVVDNIS	
UniRef90_Q2IK16	S D I V I I T A G V A R K P G M S R D D L V R I N Q R V M Q S V T E E V S S D V V V I T S G I P R K P G M T R E D L I G T N A G I V K G V V D N I S S D I V V I T A G I A R K P G M S R D D L V K V M K E V T Q Q I V K Y S A D V V I V A G L P R K P G M S R D D L I K I M T T V A E G I K Q Y A P S D M V I T A G V P R K P G M S R D D L I E I N G K I G E N I K K Y A P S D I V V M T A G I P R K S G M T R E E L V Q I V R E T A L Q I A T Y A P A D V I I V T A G V A R K P G M S R D D L L G I N L K V M E Q V I K K Y A P S D I V V I T A G V A R K P G M S R D D L L G I N L K V M E Q V I K K Y A P S D I V V I T A G V A R K P G M S R D D L L G I N L K V M E Q V I K K Y A P A D V I I V T A G V A R K P G M S R D D L L G I N L K V M K D V V G K V S	N A
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UniRef90_Q8CQ25 UniRef90_A1UQV8		PSA
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UniRef90_D6XST1 UniRef90_H1H5L9	S D	P D C
UniRef90_U3JMW8	A DV I I V L D D E V Q S L E N Y I R E V S E I C Q V Y A P L I E K N A K	SEV
UniRef90_Q2S289		PDS
UniRef90_P80040 UniRef90_UPI000363AC4E	S D V T V V T S G A P R K P G M S R E D L I K V N A D I T R A C I S Q A A S D V I I I T A G I P R K P G M S R D D L L G T N L K I I K Q V A E G I K	PNA
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UniRef90_UPI000287CEDC	S D V V V T S G P R K P G M T R E E L G T N A G V K S V E N T S S D L V I T A G M A R K P G M S R D D L V K M K A V T S E I T R Y S	PNA
UniRef90_M7NWP2 UniRef90_UPI0003B6AAD6	S D V V V T S G A P R K P G M S R D D L L K V N A D I T R A C I S Q A A S D V I V I T S G A P R K P G M S R D D L L G T N L K I I K Q V A E G I K A D V C I V T A G I P R K P G M S R D D N L K V M K A V G E G I A K H A P S D V V V I T S G L P R K P G M T R E E L I S L V K G V T E S L L K H S S D V V V I T S G L P R K P G M T R E E L I G T N A G I V K S V L E N T S S D L V I I T A G M A R K P G M S R D D L V K I M K A V T S E L T R Y S S D L V I V T A G V P R K P G M S R E E L L E L N F K I V K D T S E K K A S S D V V V I T S G V P R K P G M S R E E L L E L N F K I V K D T S E K K A S S D V V V I T S G V P R K P G M S R E E L L E L N F K I V K A S C M S R E S D V I V V T A G V P R K P G M S R E E L L E L N F K I V K A S C M S E S D V V V I V T A G V P R K P G M S R E E L L E L N F K I V K A S C M S E S D V V V I V T A G V P R K P G M S R E E L L E L N F K I V K A S C M S E S D V V V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D L V I V T A G V P R K P G M S R E B D D D L V I V T A G V P R K P G M S R E B D D D L V I V T A G V P R K P G M S R E D D D L V I V T A G V P R K P G M S R E D D D D D D D D D D D D D D D D D D	PDT KF <mark>C</mark>
UniRef90_I4CA90	3 DIVI I VII A GII A KKE GIVIS KD DIL LIA I NIVIKII VIA LIVIA L KA S	
UniRef90_B5EIU8	ADVVIVTAGLPRKPGMSRDDLIEVNSKIMTSVAEGIK	PNA
UniRef90_H6L2X2 UniRef90_UPI000421E4F6	S DI V V I T A GI P R R P G M S R D D L I K I V T S V T K S I LE Y S S D V V V I T S G I P R K P G M S R D D L I K I V T S V T K S I LE Y S S D V V V I T S G L A R K P G M S R E D L L N K N T E I V A G V T K A V A S D V V I V T S G L A R K P G M S R E D L L N K N T E I V A G V T K A V A	E N P P D A
UniRef90_F2NGM9	S D V V I V T S G L A R K P G M S R E D L L N K N T E I V A G V T K A V A	A K <u>S</u>
UniRef90_UPI000392D430		SDV
UniRef90_G0J6T8 UniRef90_I0ALH5	S D V V V I T S G P R K P G M T R D D L I E T N A G I V K M V T E N V S D L V I V T A G L P R R P G M S R D D L T T N A K M K T V A E N V K	ONA
UniRef90_A6EFI1	S S V V V I T S G L P R K P G M S R D D L L I T I N A K I M K T V A E N V K S S V V V I T S G L P R K P G M T R E E L I G L N A G I V K G V A E N L S	PEA
UniRef90_B1HUX3	A D V V T A G P R K P G M S R D D L V T T N A K Q Q V T K H Y A	PNS
UniRef90_K9SRM3	S D V I V I T A G V P R K D G M S R D D L L K I N A K I V S E V T L R A S	PNA
UniRef90_UPI0003C267F6	ADVIILĪDDIĪLĒREN <mark>C</mark> ĪRQVNEL <mark>C</mark> K <u>V</u> YGPLIEKNAK	S ⊏ V

	400
UniRef90 Q8H0K0	130 140 150 160 K V L V V G N P <mark>C</mark> N T N A L <mark>C L</mark> K N A P S I P A K N F H A <u>L T R L D E N R A K</u>
UniRef90_S5RPG2	KVLVVGNPVNTNTYIITMKSAPDILSYKNFTAMLRLDHNRAI
UniRef90_UPI00029A5633	RVVVVGNPANTNAYI AHRHAPDVPAGRFTALMRLDHNRAL
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UniRef90_OF10003B450A4 UniRef90_R7KKP7	RVLVVGNPCNTNALI ASANAPDVPRERFTAMTRIDANRAT
UniRef90_M3HFE2	R L V V G N P <mark>C</mark> N T N <mark>C</mark> L I A M N N A K G S Q D R W F A M T K L D E N R A K
UniRef90_U2XMD0	RIVI V VIG N P A N T N A II I I A A S A A F GIVIP A F R F S A M T R II ID H F R A IVI
UniRef90_Q822E9	K I FV V G N P V N T N C WI A M N K A P K L N R R N F H S M L R L D Q N R M H R I L V V G N P C N T N C L I A Y S N G R D V P A D R W H A M T R L D H N R A V
UniRef90_UPI00016C5284 UniRef90_Q21VT3	KIVI VVIGNP <mark>C</mark> NTNA <mark>CI</mark> VIAMKAASRII IPARNFAAII I IRII IDHNRAII I
UniRef90_X8CRB7	R <u>G </u> V <u>T</u> GNPANTNA <u>L</u> A <u>L</u> SNAPD PKERFSA <u>L</u> TR L D <mark>H</mark> NRA
UniRef90_K0YUS9 UniRef90_Q9GSY6	R V
UniRef90_Q9G316	K V V V V G N P <mark>C</mark> N T N <mark>C</mark> L I L A N Q I K D I P K E N F T A M T R L D H N R A Q
UniRef90_B8BHG9	KVLVVANPANTNALI LKEFAPSI PEKN T CLTRL DHNRAL
UniRef90_O84381 UniRef90_A0CVC4	KI FV V G N P V N T N C W L A M N H A P R L L R K N F H A M L R L D Q N R M H K V L V V A N P S N T N C A T L A N Q C T K L P Q Q N F T S L M Q L D H N R C V
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UniRef90_UPI0002C3D08B	R V
UniRef90_UPI00036548E5	KILVVGNPANTNALIG KNSAGKESQLWMAMTMLDSSRAK KVLVVGNPANTNALTALTKASDLPTANFSALTRLDQNRAQ
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UniRef90_K7R5G2	KILVVGNPANTNALI LAKFAPKV AKNI VAMSQLDHNRAI
UniRef90_UPI00036FE954	RIVI V VIGN PANTNAII I IAOSHAPDIVIPAFRFTAMTRII IDHNRAII I
UniRef90_A7RRY2 UniRef90_M8EAE5	KVLTAGGPANFSTFIIASKFAPSIIQKKNFVSLSRIEENRAK PHIILSNPVDAMTYTFYKTSGFPKNRVIGQSGVLDTARFR
UniRef90_Q5WEG2	YILI VIITNPADAMTYTIVIYKESGEPKNRIVIIGOSGIVI IDTARER
UniRef90_UPI000308687A	FILL V L IT N P V ID A M T Y T IV IF K E T G F P K N R IV I I G Q S G IV L ID T A R F R
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UniRef90_D6TF91 UniRef90_UPI000370F4A7	
UniRef90_B1HX10	T
UniRef90_H2CGB9 UniRef90_F6B5C2	FIVILITN PILID A MIVIYIVIM O KIVIT G F P K S RIVIM G M A GIVI ID S A R F R
UniRef90_UPI00037282C3	V L V L S N P V D A M T Y A A Y Q T L G F P K N R V T G O S G V L D T A R Y C
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UniRef90_A8LJK6	FIVI CITT N PILID A MIVIWAILIQ Q F S GILIP K E KIV VIG M A GIV LID S A R F R
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UniRef90_K9VLQ6	LIVITNPLDIMTYLAWEAADLPKHRVMGMGGVLDSARFQ
UniRef90_D0MH21 UniRef90_UPI000287B187	I I I V V S N P L D V M T Y V A Y K T S G F P S H R V M G M A G V L D T A R F R T L L V L T N P V D A M T Y T V Y E T S G F P K N R V I G Q S G I L D T A R F R
UniRef90_I9M5E5	
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UniRef90_I4B159	FVIVISNPLDAMAQTAPKLSGFSKNKVLGMAGVLDSAKFK
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UniRef90_Q2S289	KVVSSGKTANLKATMLRTYGPSIRPENI IAVATSWESAAK TIIVVANPLDVMTYVAYEASGFPTNRVMGMAGVLDTGRFR VIIMVNNPLDAMTYLAAEVSGFPKERVIGQAGVLDAARYR
UniRef90_P80040	VI I MV N N P L D A M T Y L A A E V S G F P K E R V T G Q A G V L D A A R Y R
UniRef90_UPI000363AC4E UniRef90_UPI0003B6B67C	FVI CITNPLDIIVMALQKYSGLPTNKVIGMAGILDSSRFK FVI CITNPLDAMVWALREFSGLDHKKVVGMAGVLDSARFR I I VVVSNPMDTMTYLTLTTSGLPKNRI I GMGGLLDSARFK
UniRef90_UPI0003659061	I V V V S N P M D T M T Y L T L T T S G L P K N R I I G M G G L L D S A R F K
UniRef90_UPI000287CEDC	<u>LIFIVI VII NPILIDI MALIA AILIKII S GILIA K NRIVI G M G G AILID S S R F K</u>
UniRef90_M7NWP2 UniRef90 UPI0003B6AAD6	
UniRef90_I4CA90	LMI I VISNPLDAMVYTAWKKSGYDPARI LIGMAGVLDTARFR
UniRef90_B5EIU8	I MI I V S N P L D A M V Y T A W K K S G Y D P A R I L G M A G V L D T A R F R F V I V I S N P L D A M V Y T A W K K S G Y D P A R I L G M A G V L D T A R F R F V I V I S N P L D A M V T L C Q K I T G F P Y N R V I G Q A G V L D S A R F K I I I V V S N P L D V M T Y A A F K A S G L P S N R V M G M A G I L D T A R Y R I L V V V S N P M D T M T Y L T L K A T G L P K N R V I G M G G A L D S S R F K P N A I V A N P L D A M C Y V M K K V S G F P R E R V M G M A G I L D T A R F R R V I S G K T V N L K A M M I M T Y G P S I K P E N V I A V A T S W E S A A K
UniRef90_H6L2X2 UniRef90_UPI000421E4F6	
UniRef90_F2NGM9	PNALVANPLDAMCYVMKKVSGFPRERVMGMAGILDTARFR
UniRef90_UPI000392D430	R V
UniRef90_G0J6T8 UniRef90_I0ALH5	I SI I I SNPLDAMVTËV KRI T GEPEN RVMGOAGV I DSSRFA
UniRef90_A6EFI1	I I I V I S N P M D T M T Y L A L K S L G L P K N R I I G M G G P L D S A R F K I V L V L S N P V D A M T Y V C H K E T G F A K N R I I G Q S G V L D T A R F N V I I V V T N P L D V M T Y L T WE L S G F A T N K V M G M A G V L D A S R F Q
UniRef90_B1HUX3	I V L V L IS N P V D A M T Y V C H K E T G F A K N R I L I G Q S G V L D T A R F N
UniRef90_K9SRM3 UniRef90_UPI0003C267F6	VIIVVTNPLDVMTYLTWELSGFATNKVMGMAGVLDASRFQ RIVVAGKTVNLKTLMLMTHAPSLNPGNILAMAMLLESAAK
0111110100_01 100030201F0	THE VERY OR TOURIST LESS WILLING THAT SELIN TO MILLIAN MANUELES AAR

	170 190 100 200
UniRef90_Q8H0K0	170 180 190 200 CQ L ALKAGVFYDK V SNVT I WGNHSTTQVPDFLNAKIDGKP
UniRef90_S5RPG2	A KIL A S KIL N F PIVIS SILIK KIVIFIVIWG N H SILIS M Y P D Y R Y A TIVIN GIV I
UniRef90_UPI00029A5633 UniRef90_A2DMN2	SQLATRVGAPVGDLDGVVVWGNHSATQFPDVSYLTLRGEPGALAAKFGVTPEKIHKVCIWGNHSNTQVPDTTHATVDPEG
UniRef90_UPI0003B450A4	A QL A LK A EVPVA SVD GV I VWG N H S A T QYP DVS H A T VD G R R
UniRef90_R7KKP7	ARVAEKLQAPVSGVEQVFVWGNHSNTMYPDLRFLRY
UniRef90_M3HFE2	S QL A S K A G V P V K E V T H L G I W G N H S A T Q Y P D F Y N T K I S G K P
UniRef90_U2XMD0 UniRef90_Q822E9	A QILIA A RILIEIVIPIVIA DILIE GIV VILIWGINA SA LIQEPIDILIA SA LIVIA G RP
UniRef90 UPI00016C5284	T ML A H R A E V P L D E V T N V V V W G N H S A K Q V P D F T Q A L I S G K P S A L A I K A G V T N D A V T C V T I W G N H S N T Q Y P D F T N A K I G G R P
UniRef90_Q21VT3	A QILIAILIK T G R PIVIG GIVIK RILIAIVIWG N H S P TIVIY A D D R F T TILID G D S
UniRef90_X8CRB7 UniRef90_K0YUS9	S Q L A R K T G A K V T D I K K M T I W G N H S A T Q Y P D I F H A E I G G K N S Q L A E K T E A A V A D I K K V V V W G N H S A D Q Y P D I S F A T V G D K A
UniRef90_Q9GSY6	GAILIASKILIGIVIT PEKIVIH KIVITILIWGN HSN TQIV VIDCSQATIVIFILIPE
UniRef90_A0DLG4	H Q L A D K L G V H T S D I R K <u> A</u> I F G N H S P T M <u>V </u> P Y I D Q M T <u>A</u>
UniRef90_B8BHG9 UniRef90_084381	G Q S E K L N V Q V T D V K N A I W G N H S S T Q Y P D V N H A T V K T P S S M L S H R A E V P L S A V S Q V V W G N H S A K Q V P D F T Q A L I N D R P
UniRef90_A0CVC4	SMLSHRAEVPLSAVSQVVVWGNHSAKQVPDFTQALINDRP STLAREANTTIDQIKRVIIWGNHSLTQYPDMTHSIINGKQ
UniRef90_G0HC90	S Q V A Q R L G T P V A G L H R M T V WG N H S T T Q F P D I T E V D D T G R P
UniRef90_UPI0002C3D08B UniRef90_UPI00036548E5	A QI A L K L N V N V E D V K D A F V W G N H S E K Q C P D I Y H A T L S T P L S V I S K K T G T N I K D V K N M I I W G N H S P T M Y P D V E N V L I D G E L
UniRef90_F0ZJ23	S M S E K V G V S V E N V N N V W G N H S L T Q V P D V N H G Y S N Y P
UniRef90_X7Y533	S QILIA K K T GIVIKIVIT DILIK K M T ILIWG N H S A T Q Y P DIVIE H A E ILIG G K N
UniRef90_K2GDT2 UniRef90_T0Y9E6	A FVANEVGCQPEFVHNII VWGNHSNTMQPDLSYSYLADQN SLLSEKCHVPVTDIHRVSVWGNHSSTQFPDIEQALLANRP
UniRef90_F5BZU6	S OIVIA M R C GIVIS S D KIVIK NIV L L IWG N H S S T O Y P DIVIH H A KIVINIL IN G
UniRef90_UPI000474F294	TQLAKK <u>A</u> GVDIITQVSQ <u>MT</u> IIWGNHSSTQYPDFYNAKIIN <u> </u>
UniRef90_D1LB89 UniRef90_T1AST3	S Q L A T K L G V P V K D V K N V V W G N H S S T Q F P D A S N F T L G G V E S Q L A E K T G A H T T D I R K V M V W G N H S S T Q Y P D L H H
UniRef90_M4TAD7	A QI A A R Q V K N T D V R N I I I W G N H S S T Q F P D A T H A R M L D G
UniRef90_K7R5G2	A QI A A R L Q V K N T D V R N I I I W G N H S S T Q F P D A T H A R M L D G G Q I S K K C N V T P G R V Q N V F V F G N H S T T M V P L F S N V T V D G K T Q L A K K L N V S L N D I K K L T I W G N H S A T Q Y P D L F N A E V N G A N
UniRef90_UPI00036FE954 UniRef90_A7RRY2	GIL I IA K RIL INIVIN T A GII IK DIL I VIWGN P G F N H Y P D A S H A RIVIP G F T
UniRef90_M8EAE5	GLIAKRLNVNTAGIKDLIVWGNPGFNHYPDASHARVPGFTTFVAMELNVSVEDVSG FVLGGHGDDMVPLLRYSYAGGIPTFVAQELNVSVEDVTG FVLGGHGDDMVPLIRYSAAGGVP
UniRef90_Q5WEG2 UniRef90_UPI000308687A	TEIVIA O EILINIVISIVIE DIVIT G. EIVILIG GH G D D MIVIPIL LIR Y S A A G GIVIP
UniRef90_UPI00047854C6	TFVAEELNLSVKDITG FVLGGHGDDMVPLVRYSYAGGIPTFIAQELGVSVEDIQAM LMGGHGDEMVPLPRYTTVAGIPWFLHEEFNVSVQDITAFVLGGHGDTMVPLTRYSTVAGIP
UniRef90_K9GX13	WFL HEEFNVSVQDI TA FV LGGHGDT MVPL TRYSTVAGI P
UniRef90_Q49VN8 UniRef90_UPI0003728A2F	SFIAEALNVSIKDIRGE VLGGHGDTMVPLVNSTNVNGVPTFIAQELNVSVEDVRG FVLGGHGDDMVPLVRYSVGGIP
UniRef90_D6TF91	TFI A QEVIGASIVIR DIVIQAY V LIGGHGDTMVPLAR MCTVAGIVP
UniRef90_UPI000370F4A7	FFLAEELKVSIEDVTA FVLGGHGDDMVPSLRYSTVAGIPAFVAEELNVSVKDITG FVLGGHGDTMVPLTRYSFAGGIPAFISMETGVSVNDITA FVLGGHGDTMVPLSRYSTIGGIP
UniRef90_B1HX10 UniRef90 H2CGB9	A F V A E E L N V S V K D I T G F V L G G H G D T M V P L T R Y S F A G G I P A F I S M E T G V S V N D I T A F V L G G H G D T M V P L S R Y S T I G G I P
UniRef90 F6B5C2	A F I S M E T G V S V N D I T A F V L G G H G D T M V P L S R Y S T I G G I P T F I A R E L D V S F E D V T T F V L G G H G D D M V P L V K Y T Y V G G I P T F I A E E L N V S V E D V R G F V L G G H G D D M V P L V R Y S S V G G I P
UniRef90_UPI00037282C3	T FILIA F FILINIVISIVIF DIVIR G FIV LIG G H G D D MIVIPIL VIR Y S SIVIG GILIP
UniRef90_D4Z3T6 UniRef90_B7KVX2	HFLAEEFQVSVKEV NSFVLGGHGDTMVPVVEYSTVAGIPHFLAEEFGVSVEDVTA FVLGGHGDDMVPLTRYSTVAGVPSFIAEELNVSVKDVTG FVLGGHGDDMVPMIRYSSVGGVP
UniRef90_B7KVX2 UniRef90_K2FMI5 UniRef90_H8FW57	HFLAEEFGVSVEDVTA FVLGGHGDDMVPLTRYSTVAGVPSFIAEELNVSVKDVTG FVLGGHGDDMVPMIRYSSVGGVPTFLAEEFNVSVEDVTA FVLGGHGDTMVPLVRYSTVAGLP
UniRef90_H8FW57 UniRef90_Q4FP28	TEILIAEEENIVISIVIEDIVITA EIVTIGGERGDI MIVIPIT VIRYSTIVIAGILIP
UniRef90_UPI00031105B5	TELSEENVPVKEIEAM VMGGHGDTMVPLPRFTKVSGKPYFLAEEFKVSVEDVTA FVLGGHGDDMVPLVRYSTVAGIPTFIAMELGVSLADVSGLVLGGHGDLMVPLPRYSTVRGIP
UniRef90_B4VQR6	YFLAEEFKVSVEDVTAFVLGGHGDDMVPLVRYSTVAGTPTFLAMELGVSLADVSGLVLGGHGDLMVPLPRYSTVRGIP
UniRef90_A8LJK6 UniRef90_A8ZVJ1	HFLAEEFNVSMKDVTA FVLGGHGDTMVPLTRYSTVAGIPTFIARELNVSVEN_THAEVLGGHGDTMVPLPRYSTVAGIP
UniRef90_E4TEX0	TFIAWELGVSVKDV NALVLGGHGDTMVPLVRYANVNGCPTFVAMELGCSVKDISAMVILGSHDNLMLPLPQYTTVSGIP
UniRef90_F7XQC3	T F V A M E L G C S V K D I S A M V I G S H D N L M L P L P Q Y T T V S G I P H F L A E E F K V S V E D V N A F V L G G H G D T M V P L V R Y S S V A G I P T F I A M E L G I S I A D I N A T V I G S H G D L M V P L P R Y S T V K G I P
UniRef90_G2KP76 UniRef90_K9VLQ6	HFLAEEFKVSVEDV NAFVLGGHGDTMVPLVRYSSVAGIPTFIAMELGISIADINATVI GSHGDLMVPLPRYSTVKGIP
UniRef90_D0MH21	
UniRef90_UPI000287B187 UniRef90_I9M5E5	TFVAEALNISVKDV QALLMGGHGDTMVPLVRYATVSGIPCYLSQAMNVPATDIHGVVVGGHGDTMVPLVRYSYAAGGVPCYLSQAMNVPATDIHGVVVGGHGDTMVPLVRYSYAGGVPAFIAQELGVSVKDVRGLVLGGHGDTMVPLVRYTSVCGVPAFIAQELGVSVKDVTAVTLGGHGDDMVPLVRYTSVCGVPHFIAEALGVSVKDV
UniRef90_H0DKR1	TFI A QELIGIVISIVIK DIVIR GLIVLIG G H G D T MIVIPL VH S T N V N G V P
UniRef90_Q2IK16	TFI A QELIGVSVK DVRGL VLGGHGDTMVPLVHSTNVNGVPAFI A WELGVSVK DVTA VTLGGHGDDMVPLVRYTSVCGVPHFI A EALGVSVK DV QGLVLGGHGDTMVPLPRFTWVGGAP
UniRef90_E4U8E1 UniRef90_Q8CQ25	H F
UniRef90_A1UQV8	TFI A Q E L N V S V K D V N G F V L G G H G D T M L P L I N N T H I N G I P Y F L S Q E F N I S I K D I T A F V L G G H G D T M V P L V R Y S T V S G I P T F I A E E L K V S V E N V T A F V L G G H G D T M V P L A R Y S T V A G I P T F I S M E T G V S V A D I S A F V L G G H G D T M V P L P R Y S Y V G G V P T F V A E E L N V S V E D V T G F V L G G H G D D M V P M L R Y S F A G G I P Y F L S Q K L N K P V G D I E G M V I G G H G D T T M L P L I R L A T Y K G I P
UniRef90_Q1IQ98	T F A E E L K V S V E N V T A
UniRef90_I4B159 UniRef90_D6XST1	TFIVAEELNVSVEDVTG FVLGGHGDTMVPLPRYSYVGGVP
UniRef90_H1H5L9	Y F L S Q K L N K P V G D I E G M V I G G H G D T T M P L I R L A T Y K G I P A M L A R K L N T N T A G V K D V I V W G N I T G S N Y I D L S H A K C A I R G S F I A E E L D V S V R D V Q A M L M G G H G D T M V P L P R Y T T V G G I P Y F L S Q E L Q V P V K N I D S L V L G G H G D T M V P M P N Q T K V N G K P H F L A E E F D V S V E D V T A F V L G G H G D T M V P V A Q Y S T V A G I P Y F L S Q K L N K P I L E I E G M V I G G H G D T T M I P L M R F A T W N S V P Y F L S Q K L N K P I L E I E G M V I G G H G D T T M I P L M R F A T W N S V P Y F L S Q K L N K P I L E I E G M V I G G H G D T T M V P V L S Y T Q V G G V P S F L A E E L N L S V K D V T G F V L G G H G D T M V P V L S Y T Q V G G I P N A F V L G S H G D T M V P L V R Y S Y A G G I P N A F V L G S H G D T M V P L T R Y C F V G G I P N A F V L G G H G D T M V P L T R Y C F V G G I P N A F V L G G H G D T M V P L T R Y C F V G G I P N A F V L G G H G D T M V P L T R Y C F V G G I P N A F V L G G H G D T M V P L T R Y C F V G G I P N A F V L G G H G D T M V P L T R Y C F V G G I P N A F V L G G H G D T M V P L T R Y C F V G G I P N A F V L G G H G D T M V P L T R L A S Y N G S P C G H G D T M V P L T R L A S Y N G S P C G H G D T M V P L T R L A S Y N G S P C F L A M E L N V S P R D I Q A V L M G G H G D T M V P L S A T T V S G A M L A R K L S M N A A A G V K D V I W G G H G D T M V P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A F V L G G H G D T T M I P L T R Y A T Y Q S L P Y L S V A L G C N A N D L Q A
UniRef90_U3JMW8 UniRef90 Q2S289	A M L Å R K L N T N T Å G V K D V I V W G N T T G S N Y I D L S H A K C A T R G S F I A E E L D V S V R D V Q A L L M G G H G D T M V P L P R Y T T V G G I P
UniRef90_P80040	A ML A R K L N T N T A G V K D V I V W G N I T G S N Y I D L S H A K C A I R G S F I A E E L D V S V R D V Q A L L M G G H G D T M V P L P R Y T T V G G I P T F I A M E A G V S V E D V Q A M L M G G H G D E M V P L P R F S T I S G L P
UniRef90_UPI000363AC4E	Y F L S Q E L Q V P V K N I D S L V L G G H G D T M V P M P N Q T K V N G K P H F L A E E F D V S V E D V T A F V L G G H G D T M V P V A Q Y S T V A G I P
UniRef90_UPI0003B6B67C UniRef90_UPI0003659061	H F L Å Ë E F D V S V E D V T Å F V L Ğ Ğ H Ğ D T M V P V A Q Y S T V A Ğ I P C Y L S A A L G C S P N D L N A L V V G G H G D T T M I P L M R F A T W N S V P
UniRef90_UPI000287CEDC	YFLSQKLNKPILEIEGMVIGGHGDTTMLPLINLASYKGVP
UniRef90_M7NWP2	TFVAEELNESVKDVTG FVLGGHGDDMVPLVRYSYAGGIPAFLAMDLGVSPKDI NAFVLGSHGDTMVPVLSYTQVGGVP
UniRef90_UPI0003B6AAD6 UniRef90_I4CA90	A F L A M D L G V S P K D I N A F V L G S H G D T M V P V L S Y T Q V G G V P S F L A E E I G V S V E D I H A L V L G G H G D T M V P L T R Y C F V G G I P T F I A W E L G V S V K D V N A M T L G G H G D D M V P L V R Y A S V N G I P
UniRef90_B5EIU8	SFLAEEI GVSVEDI HAL VLGGHGDTMVPLTRYCFVGGI PTFI AWELGVSVKDVNAM TLGGHGDDMVPLVRYASVNGI P
UniRef90_H6L2X2	A F L S M E L N V S P R D I Q A V L M G G H G D T M V P L P R Y T T V A G L P Y F L S Q A L Q K P S N D V Q G M V I G G H G D T T M I P L T R L A S Y N G S P C F L A M E L N V A V E E I Q S M V L G G H G D D M V P I L S A T T V S G
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UniRef90_G0J6T8	A F L A E A L N I S P K É I Q A I L M G G H G D T M V P L P R Y T T V A G I P T F I A W E L G V S V K D V N A L V L G G H G D T M V P I V R Y A N V N G I P
UniRef90_I0ALH5 UniRef90_A6EFI1	TFIAWELGVSVKDV NALVLGGHGDTMVPIVRYANVNGIP YYLSVALG <mark>C</mark> NANDLQAFVIGGHGDTTMIPLTRYATYQSLP
UniRef90_B1HUX3	IFIVIA QEILIQILIA PEDIVIS G. FIV <u>LI</u> GGHGD <u>E</u> MIVIPIL <u>I</u> IRYSY <u>A</u> GGII IP
UniRef90_K9SRM3	A FI A MELGTSTADI NAMVMGGHGDLMVPLPRYSTVSGVP
UniRef90_UPI0003C267F6	A ML A R K L N M N S A G I K D V T V W G N L T G S S Y V D L S N A K V Y R Y D

The De too Colloko	210 220 230 240
UniRef90_Q8H0K0 UniRef90_S5RPG2 UniRef90_UPI00029A5633	VKD VIKDTKWLEEEFTITVQKRGGALVQKGRSSAASTA IRD MINNNSFWNKNVFLPAISRRGEEIISRGASSAASAA VTDG LDQAWLTETFIPRVANRGAEIISRGSSSAASAA
UniRef90_A2DMN2 UniRef90_UPI0003B450A4	VTDG LDQAWLTETFIPRVANRGAEIISRGSSSAASAA TVKVADKLPKEYLEGEFAQMIATRGGAVIKRGASSAASAA AAELVDDE WLESVFVPKVAKRGAEIIQRGASSAASAA
UniRef90_R7KKP7 UniRef90_M3HFE2	KGHRLADQFDAQWQEEFI NVATRGGQLIKARGASSAASAA VTD VISDHEWLKGDFIKNVQQRGAEI IARGASSAASAA
UniRef90_U2XMD0	AII ID AII IA D R A R A WII ID D F F IV IP R IV IA K R G A F II I I S R G A S S A A S A A
UniRef90_Q822E9 UniRef90_UPI00016C5284	AVEVISDRDWLENIM FPSIQNRGSAVIEARGKSSAGSAA ATE VITDRAWLENTFVPNTQERGKFIITTKVSSSFSAA VP AIIDNLAWHHDTLVRTVDKRGEAIAARGLYAEASAA
UniRef90_Q21VT3 UniRef90_X8CRB7 UniRef90_K0YUS9	AAE VVNDQAWIENDFIPTVAKRGAAII ARGASSAASAA ASELVDEE WLDSYFVPTVAKRGAAII ARGASSAASAG
UniRef90_Q9GSY6 UniRef90_A0DLG4	GTVKVSEKPIAELEGDFCKMIATRGGAVIKRGASSAACAA KNHKATVDQQWVTQTFIPTVQQRGAEIIARKLSSAASAG
UniRef90_B8BHG9 UniRef90_084381	KPÜRELVADDEWLNTEFISTVÕÕRGAAIIARKÕSSALSAA LAETLAD ROWLENLMVPSVQSRGSAVIEARGKSSAASA
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UniRef90_UPI000464FA09 UniRef90_Q0SP77	KVVLIGAGGVGSSFAYALTIDNSL	
UniRef90_H3AJ84	PRNKVTĪ VĢVĢĀVĢMĀ <mark>C</mark> AUSĪ ————————————————————————————————————	
UniRef90_UPI0003B3170E UniRef90_UPI000318C586	KPIKILIAJI VIGAGAIVIGSTILIAFAAAERGIV AREII VILE RIVVI VIGTGAIVIGSSYAFAII INOGIV TEELI VILVI	
UniRef90_A6CLY3	KVÁĽÍGTGFVGSSYAF AĽINQGAAREĽVĽÍ	
UniRef90_W0DG07 UniRef90_Q81RW4	VISIV VIGA G NIVIGE H T A A L LIA LIR GL VIDIVIR M F DL P K K	
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Description	UniRef90_K0NJD8	D V V
Initiate December		DI VID GIVIP QGKALIDILAQSSPIVIDGFDSALISGVISSYEGILSG
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Display	UniRef90_UPI0003623D13	DV MEGVPQGKALDMFESSPLQGFDAFVQGTQDYADTAN
Interest		
Interest	UniRef90_UPI0002DC1C10	DI V E G M P R G L A L D L M E A R G I E L H N R R I I G T N D Y A D T S S
Interest Deprive February	UniRef90_L7VQR7	
Jimple		
Image Disput Di		DI FEGTAKGKALDUSEAAPVEGKDSNUKGTNDYADIJAG
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Dimines Dimi		DI K E G Y A E G K A M D L M Q T A S L N G F D K I T G T T G D Y S K T A G
James Jame	UniRef90_UF1000476D6EB	DII REGFAEGKAII IDMMQTASYIL IGFDTKIVITGTNDYAATAD
Dimited Dimi	UniRef90_T0LI72	DII VEGVPT GKGLDLLQAGPTLINYSTSVKGSNDYKDTSG
Jamesego		E PIVIK G K A L. ID M K Q M L. IA A M DI I ID A RIVIE G Y TIVIT P E G E G Y E PIL E G
Junkergo (Jangergo (Jang	UniRef90_D4RE07 UniRef90_UPI0002E13971	DI TPKMPOA TAI DI MEARATENHTRRITGTNDYADIFG
June	UniRef90_A1BHN9	DIV EGIPQGKALDMYESGPVGLFDTAIHGSNDYMASAD
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Jimiker90 Linker90	UniRef90_T0N509	DG PEGKG L D MEGSPHWGTD V D V RGFTTTNPYRNMEN
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UniRef90_K0NJD8	V K Y S P N V I K Q H A P N A A Q N I S P E A V V A V S P N C A E Y A P D A
HniRatan (181 K54	VEHSPQ <mark>C</mark>
UniRef90_Q8PVJ7	R N <mark>C</mark> A K Y A P N S A K K A S P D A
UniRed D. LYNGR7	AAAAVATSAAAAPSAAPCAALAASSAAGAVSVASAPVAACCCCAACVVGSAGTCAAVFGCAGGAGGNCGGVAGVGPDN NEDNDDEQNKNNNLDDDFNDNNNDSHSNNNNSDNDNFCDNDESDNKDHVDNSDDNNNDDNNNNDNNNNNNNNNNNNNNNNNNNNNN

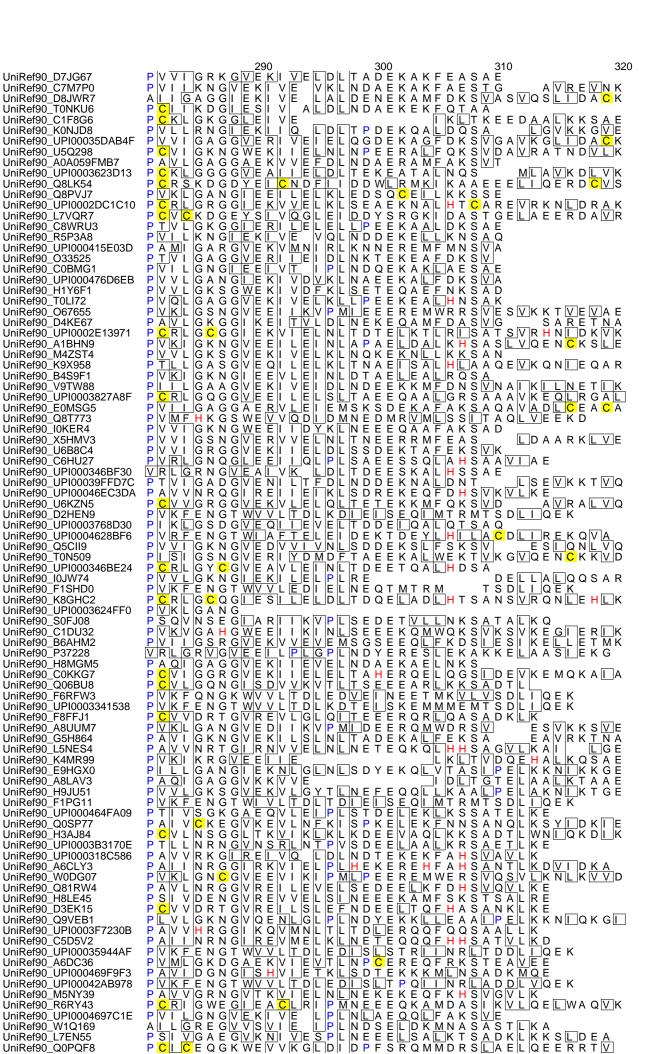
UniRef90_D7JG67 UniRef90_C7M7P0 UniRef90_D8JWR7 UniRef90_T0NKU6 UniRef90_C1F8G6 UniRef90_K0NJD8	130 140 150 160 L
UniRef90_UPI00035DAB4F UniRef90_U5Q298 UniRef90_A0A059FMB7 UniRef90_UPI0003623D13 UniRef90_Q8LK54 UniRef90_Q8PVJ7 UniRef90_UPI0002DC1C10 UniRef90_L7VQR7	FVI CITN PLDA MVWALQQFSGFKNKVI GMGGMLDSSRFI FVI CITN PLDA MVWALQQFSGFKTNKVV GMA GVLDSSRFA I LVVTN PLDA MVYTALRVSGFPKQRVI GMA GVLDSARMR KVI VVGN PCCTNALI A MENAPNLPRKNFNALTRLDENRAK I VI NVTN PLDI I TYVA MKATGFDPEKVFGMSGVLDA GRFA I VI VVTN PLDVMTYLA WQATGLPCDRI MGMA GVLDSARLE MTRLDHNRAI
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UniRef90_O67655 UniRef90_D4KE67 UniRef90_UPl0002E13971 UniRef90_A1BHN9 UniRef90_M4ZST4 UniRef90_K9X958 UniRef90_B4S9F1 UniRef90_V9TW88	VFI I VSNPVDTLTYL ALKDSGLPRNRVIGMAGVLDSARFR VFI I VSNPLDVMTYL AWQATGLSRDRI MGMAGLDSARFE LLVMVSNPLDVMTYL AWQATGLSRDRI MGMAGVLDSARFR KFI I VSNPLDVMSYVSYMTAKVDSSRI I GMAGVLDSARFR KFI I VSNPLDVMSYVSYMTAKVDSSRI I GMAGVLDSARFR I LI VVTNPLDVMTYLAWQATQLPTRRVIGMAGVLDSARFR I LI VVTNPLDVMTYLAWQATQLPTRRVIGMAGVLDSARFR
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UniRef90_UPI00039FFD7C UniRef90_UPI00046EC3DA UniRef90_U6KZN5 UniRef90_D2HEN9 UniRef90_UPI0003768D30 UniRef90_UPI0004628BF6 UniRef90_Q5CII9 UniRef90_T0N509	T F I A V T N P L D V M T Y L I W K V S G L P R Q Q V M G M A G V L D A A R F A F V I V V S N P L D A M V Y A F Y K V S G F S K N K V V G M A G A L D S A R F R I F L V A S N P V D I L T Y V T W K E S G L P K E Q V I G S G T V L D S A R L R F V I C I T N P L D A M V Q L M R E R S G L R A E M V V G M A G V L D S A R F R R V I V G G K T V N L K T V L L M R Y A P N V A H N I V A V A L G V E G R A R P D C I I T N P L D I M T Y H A W K V S G F P S N R V V G Q A G V L D S A R F R R V V V M G K T T N L K A L M L M T Y A P S I N P R N I V T I A M L L E S E A K F V I C I T N P L D A M V Y Y F K E K S G I P A N K V C G M S G V L D S A R F R K V V V V S N P A D I M A Y A F Q K V S G V K P E Y I M G L G G S L D S S R F R
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UniRef90_B6AHM2 UniRef90_P37228 UniRef90_H8MGM5 UniRef90_C0KKG7 UniRef90_Q06BU8 UniRef90_F6RFW3 UniRef90_UPl0003341538 UniRef90_F8FFJ1	V V S N V D V T Y A A K T G F Q K N K V G M A G V D T A R F K P N C T N P L D A M V Y F K E K S G F A S N M V C G M A G V L D S S F K P K N V S N P V N S T V P A A E V A G T Y D P K R L G U T M L D U V V A N F V A N A L A G L K D N M V G M A G G C N L D S A F R K K T V A G T T T V A M K T G S G C N L D S A F R K T V A G T T T T T T T T T
UniRef90_A8UUM7 UniRef90_G5H864 UniRef90_L5NES4 UniRef90_K4MR99 UniRef90_E9HGX0 UniRef90_A8LAV3 UniRef90_H9JU51 UniRef90 F1PG11	I L I V V T N P V D I M T Y A A V K L S G F P A S R V I G M A G V L D S S R F K I I L I I S N P M D T M T Y L A L K K S G L P K N Q I F G M G G A L D T A R F K I F L V A T N P V D I L T Y A T W K F S G L P Q N R V I G S G T I L D S G R F R P G A I V T N P L D V I T Y A A V K C T Q Q E G G R V F G M S G L L D S S R F A P K A L I G N P V N S T V P I A S K K A G V Y D P N R I F G I T T L D I V R A N V V V V V S N P L D E M T A L A A N V L G F P R S R V L G Q A G M L D T A R F T P K A I V T N P V N S T V P I A S K K A G V Y D P N R V L G V T T L D V V R A A R V I V G G K T V N L K T V L L M R Y A P N L A H N I V A V A L G V E G Q A K
UniRef90_UPI000464FA09 UniRef90_Q0SP77 UniRef90_H3AJ84 UniRef90_UPI0003B3170E UniRef90_UPI000318C586 UniRef90_A6CLY3 UniRef90_W0DG07	EGIIVANPVDILTYAALKLSGYPKERVLGSGTVLDSARFR IFVIASNPVDIMTYVTMKYSKFPIHKVIGTGTILDTSRLR ILVVSNPVDILTYVTWKLSGLPKHRVIGSGCNLDSARFR IYMLIANPVDIVTRACLQLSGLPASQMFGSGTNLDSARLR IFLVATNPVDILTYAVWKFSGFPKERVIGSGTILDTARFR IFLVATNPVDILTYAVWKFSGFPKERVIGSGTILDTARFR
UniRef90_Q81RW4 UniRef90_H8LE45 UniRef90_D3EK15 UniRef90_Q9VEB1 UniRef90_UPl0003F7230B UniRef90_C5D5V2 UniRef90_UPl00035944AF UniRef90_A6DC36	I FL V A T N P V D I L T Y V T WK E S G L P K E R V I G S G T T L D S A R F R L I V V A S N P V D I L T Y I A WN E S G L P T S R V I G T G T T L D T T R F R D H G I I T N P V D I L S Y V T L K K S G F P V N R V I G S G T L L D S A R F R P K A I I T N P V N T C V P I A A K K A G V Y D P K R L F G V S T L D V V R A R I F L V A T N P V D L L T H M T WK F S Q L P S E R V I G S G T I L D T A R L R I F L V A T N P V D I L T Y A T WK F S G L P K E R V I G S G T I L D T A R F R K V I V G G K T V N L K T A L L M Q Y A P N I A H N I I A V A L G V E G Q A K I V I T V S N P L D A M T Y T A L R V G K Y P R N Q V I G M A G I L D S A R M A L F V V S A N P V D I L T T L T Q K L S G F P K N K V I G T G T S L D S M R L R
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UniRef90_D7JG67 UniRef90_C7M7P0 UniRef90_D8JWR7	Y F L S Q A L G C Y R L A E A L N S C F L A E A A G V	170 N A N E V E G P I S D V D G S I E D V R A	180 L V I G G H G D M I A A H S D L T L G G H G	190 R R R Y R R R R R R R R R R R R R R R	200 A T Y K G I P A S Y R G V P S T I G G V P
UniRef90_T0NKU6 UniRef90_C1F8G6 UniRef90_K0NJD8 UniRef90_UPI00035DAB4F	Y R L A E A L E <mark>C</mark> T F I A E E L K V Y F I A Q E L N V Y F L A D E F K V	P S D D G S V E N V T A W P G D V M A S V E D V T A	MVIAAHSD FVLGGHG MVLGGHG FVLGGHG	T G M L P L T R M A D T M V P L P R F S D S M V P L S R Y 1 D T M V P L A R Y S	A T R N G V P S T V A G I P F R V N G I P S T V A G I P
UniRef90_U5Q298 UniRef90_A0A059FMB7 UniRef90_UPl0003623D13 UniRef90_Q8LK54	YYLSKALDA YFLSEKTGV AFIAEELQV SQLALKAGK	PASDVAG SVADIHA SIENVG	MVIGGHGD WTLAG HG ACVLGGHG	T T MI PLARF A D D M V P M V R H S D T M V PL P R Y S	ANLRGIP STVGGLP STMAGIP
UniRef90_Q8PVJ7 UniRef90_UPI0002DC1C10 UniRef90_L7VQR7	SQLALKAGK SFIAEELKC TFIAMELGA SQLAARTGK TFVAMELGV	S K R D V E A C P Q D V N A P V T A I K K	MV I G G H G M V L G S H G M T I W G N H S	DLMVPLPQY1 DLMVPLPRYA VTQYPDLFHA	TTVSGIP ATVNGVP AEVEGRN
UniRef90_C8WRU3 UniRef90_R5P3A8 UniRef90_UPI000415E03D UniRef90_O33525	S Q L A A R T G K T F V A M E L G V S F L A E A L N V Y F L A D E F K C L F L A K E F N V	S P K D I Q S V E D V H A S V Q D V T A	ALLLGGHG SVLGGHG FVLGGHG	D T M V P L P R Y T D T M V P L T R Y S D T M V P L A R Y S	TVCGIP TVNGVP TVGGIP
UniRef90_C0BMG1 UniRef90_UPI000476D6EB UniRef90_H1Y6F1 UniRef90_T0LI72	YRLAEAVGA YYLSQALGC YYLSQQLGC TFVALELGV	T P T D I D G S P A D L N A S V Q D V Q A	M V I G G H G D V V I G G H G D M V L G G H G	D T G M V P L S T T M I P L T R F A T T M I P L I A H A D S M V P L P R Y 1	RILIATRN ATYRGVP ATWNSIP TTVSGIP
UniRef90_067655 UniRef90_D4KE67 UniRef90_UPI0002E13971 UniRef90_A1BHN9	TFISELMV YYLAQAIGC TYIAMELGV SFIAFFINV	SPKDIHA PVRDINA SPQDVSA SMQDVN	YVI GGHG MVI GAHG M VLGSHG AFVIGGHG	D E M V P L T S T S D L M V P L T R F A D S M L P L P R Y S D S M V P V V K Y T	3 NVGGLP A S Y K G R P 3 T V N G I P F S V A G I P
UniRef90_M4ZST4 UniRef90_K9X958 UniRef90_B4S9F1 UniRef90_V9TW88	SFI AEELNV FFLSKKLNI AFVAMELGNV SFI AEELNV YFL AKEFAV RFI AWELGV	SPIDI Q SIADVRA SMKDI N	S L L L G G H G I V L G S H G A F V L G G H G	D T M V P L Y R Y 1 D L M V P L P R Y 5 D S M V P V V K Y 1	SVSGIP STVNGIP FNIAGIP
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UniRef90_D2HEN9 UniRef90_UPI0003768D30 UniRef90_UPI0004628BF6 UniRef90_Q5CII9	A V L A R K L R T Y F I S L E L G V A M V A R K L Q M C N L S R A L G V	T P S S I K N]S V E D I S A I H P A G I K N]K <u>P</u> S D V S A	V	G N N Y D L R K A D T M V P L P R Y 1 G <mark>C</mark> S Y V D L N R 1 D E M P L T S S <u>V</u>	\
UniRef90_T0N509 UniRef90_UPI000346BE24 UniRef90_I0JW74 UniRef90_F1SHD0	T F L A M E L N V A F I A M E L G V Y F I A S E L G L A T L A R K L K T	S V E D V N S F N D V Q G A P Q E V Q A T P S C K D	A F V I G G H G M V L G G H G M V L G G H G V I I W G N I S	D D M	3 N V S G I P T V S G I P T V S G V S K V P P F S
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UniRef90_Q81RW4 UniRef90_H8LE45 UniRef90_D3EK15 UniRef90_Q9VEB1	Y MIL G E Y F N I K E I A L K L K V Y L I G Q N K G I A F I G H A L G V	DPRSVHG NPRSIHA DPQTVQL	Y	DTMV PFVRH 1 DTMV PFVRH 1 DTEVPTWSUL 8 DTEVPTWSSSI DTEVPTWSSSI DDRM PMRSSSI LPL PLLSSSI DDRM PMRSSSI DDRM PMRSSSI LPL PLLSSSI DDRM PMRSSSI DDRM P	/ S V G I Q K F T V G G K P A N I A G I G S Q P L F K G
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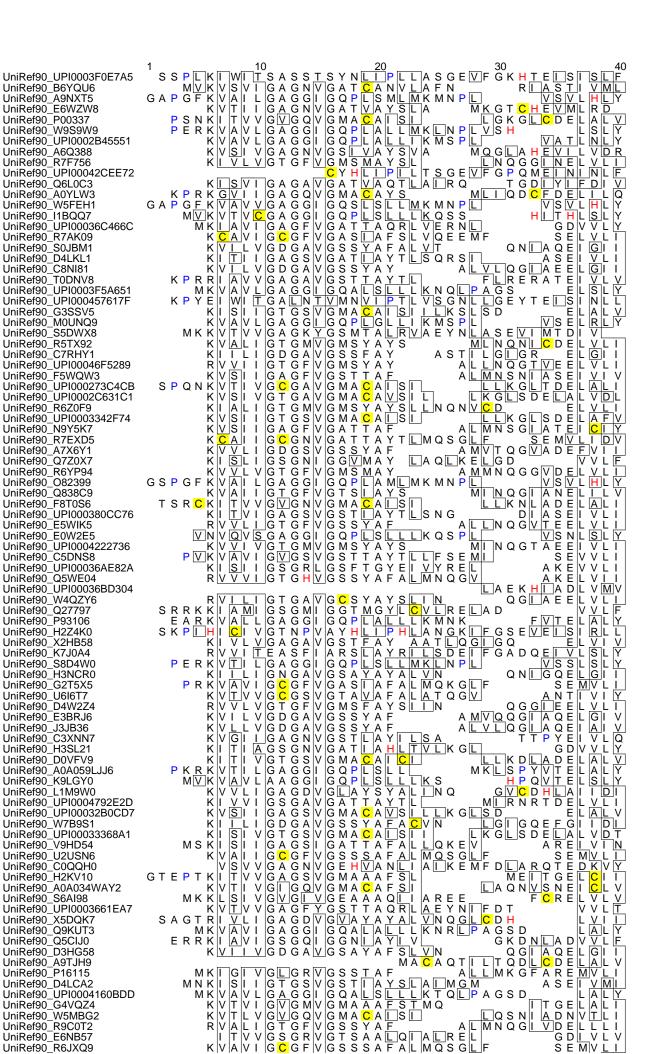
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UniRef90_T0NKU6 UniRef90_C1F8G6	V T A F L N E E K I Q Y V T E E T K V G G A T L T K L L G T S A W Y A P I T E L M P A E R I E A L V Q R T R D G G A E I V K H L K T G S A Y Y A P
UniRef90_K0NJD8 UniRef90_UPI00035DAB4F	I TELMPAERI EALVQ RTRDGGAEIVKHLKTGSAYYAP VSELMDQATIDQLID RTRTGGGEIVSLLKKGSAFYAP LPDAMGWTTQERLDEIIQRTRDGGAEIVGLLKTGSAFYAP
UniRef90_U5Q298 UniRef90_A0A059FMB7	V S E L T T K E V L D QI T E D T M K G G A T L T K L I G T S A W Y A P L P E K Q G W M T Q A D L D G L V D R T R K G G G E L V A L L K T G S A Y Y A P
UniRef90_UPI0003623D13 UniRef90_Q8LK54 UniRef90_Q8PVJ7	V S E L T T K E V L D Q I T E D T M K G G A T L T K L I G T S A W Y A P L P E K Q G W M T Q A D L D G I V D R T R K G G G E I V A L L K T G S A Y Y A P I T E L M D A A R V E A I C E R T A N G G A E I V S F L K T G S A F Y A P L P A M N V I R D N Q W F K E E F T P K V A R G G A L I K K W G R S S A A S T A L P E L L P E K T I D R L V E R T V N G G A E I V E L L K Q G S A F Y A P L T E L L D V P T I E R L V Q R T R N G G A E I V Q L M Q T G S A F F A P L T E L L D V P T I E R L V Q R T R N G G A E I V Q L M Q T G S A F F A P L T E L L D V P T I E R L V Q R T R N G G A E I V Q L M Q T G S A F S A P A P L T E L L D V P T I E R L V Q R T R N G G A E I V Q L M Q T G S A F S A P A P L T E L L D V P T I E R L V Q R T R N G G A E I V Q L M Q T G S A F S A P A P A P L T E L L D V P T I E R L V Q R T R N G G A E I V Q L M Q T G S A F S A P A P A P L T E L L D V P T I E R L V Q R T R N G G A E I V Q L M Q T G S A F S A P A P A P L T E L L D V P T I E R L V Q R T R T R N G G A E I V Q L M Q T G S A F S A P A P A P L T E L L D V P T I E R L V Q R T R T R N G G A E I V Q L M Q T G S A F S A P A P A P L T E L L D V P T I E R L V Q R T S A P A P A P A P A P A P A P A P A P A
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UniRef90_P37228 UniRef90_H8MGM5	LSNFIRDGQITNDELDAIRTAFAGGEILDLLKTSSAFFAP TPKEIEYLTGRIQNGGPEVVEAKAGAGSATLSMAYAAVKF LTQLIAKDKLDAIID RTRKGGAELVGLYKTGSAYFAP
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UniRef90_F8FFJ1 UniRef90_A8UUM7	LKDLIPKDKLNELIQ KIKEGGGEI VELLMGISATTAPA
UniRef90_G5H864 UniRef90_L5NES4	LKDLIPRDKLNELIQ RTRFGGGEIVELMGTSAYYAPA VTELLSKEELDKVVAD TMVGGATLTKLLGTSAWYAPG VMEWVERDPRYHKEDLEEIFLNVRDAAIIEKKGATYYGIA LPGLMEKETIDRLVQ RTVNAGAELVGHLKTGSAFYAP PTDQLKALTERIQEAGTEVVKAKAGAG SATLSMAMAGA LSDLLPADKIEELVN RTRNGGAEVVALLKTGSAYYAP SDPAKIKALTERIQEAGTEVVKAKAGGGGSATLSMAYAGA
UniRef90_K4MR99 UniRef90_E9HGX0 UniRef90_A8LAV3	PT DQL K ALIT E RIQE A GT E V V K A K A G A G S A T LIS MA M A G A
UniRef90_H9JU51 UniRef90_F1PG11	S D P A K I K A L T E R I Q E A G T E V V K A K A G G G S A T L S M A Y A G A S A L W G P P N Y S R P V L S L F D S E W V N A R O Y W A T L R K L T A T L L A A
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UniRef90_UPI00042AB978 UniRef90_M5NY39 UniRef90_R6RY43	HSVLGMLFDSEWLRKDFVMMLQELSNTGKEFGG VSELLKKNENYKQEELDELFDDVKNAAIIEKKGATYYGVALEDYARQVGVSLDKKEIAEHTKNGGAEIIGLKGATFYGLA
UniRef90_UPI0004697C1E UniRef90_UPI0004697C1E UniRef90_W1Q169	L H D L L T D L E L E D L I E K T R H G G A E L V S Y M N T S A Y Y A P L Y E WVK N H P D T D E Q A L V E M F F K V R A Y E L I S K K G A T Y Y G I A L S E Y C S K Y C D K C D G N E L H E K V K N A A Y E L I N K K G A T Y Y A V A
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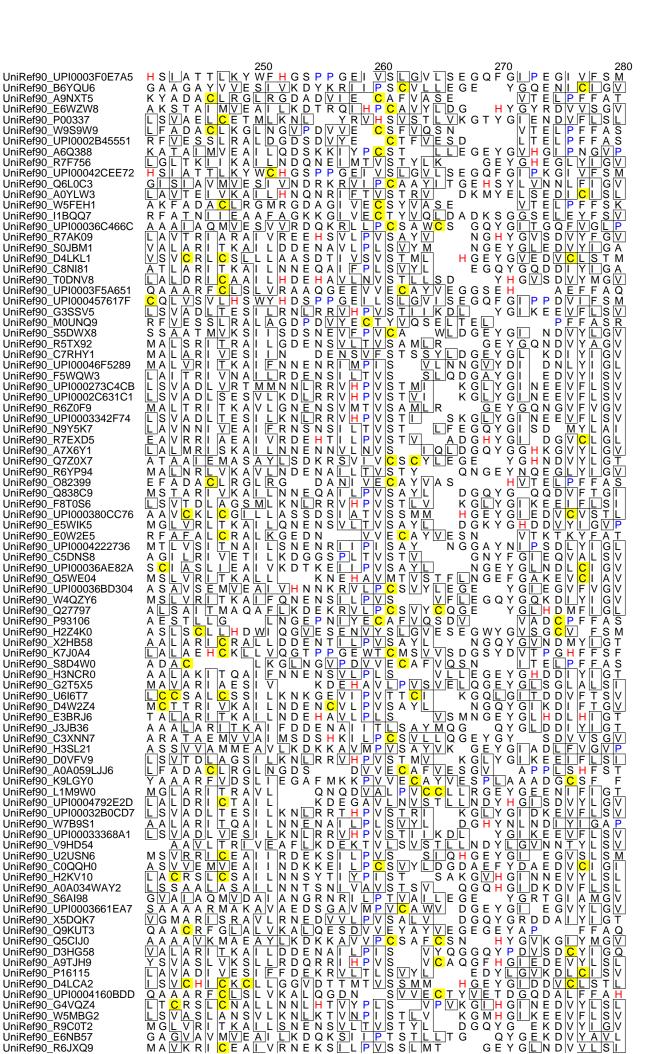
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UniRef90_D3HG58 UniRef90_A9TJH9 UniRef90_P16115 UniRef90_D4LCA2 UniRef90_UPl0004160BDD UniRef90_G4VQZ4 UniRef90_W5MBG2 UniRef90_R9C0T2 UniRef90_E6NB57 UniRef90_E6JXQ9	D A P V T P

UniRef90_UPI0003F0E7A5 UniRef90_B6YQU6 UniRef90_A9NXT5 UniRef90_E6WZW8 UniRef90_P00337 UniRef90_W9S9W9 UniRef90_UPI0002B45551	S D V I V V I M D L V I I I I I I I I I I I I I I I I I I	T S G I	F R E E L L G T N A N F R D D L F K L N A G S R D D L L M M N A Q S R Q R N V N V F K F F R D D L F N L N A G	110
UniRef90_A6Q388 UniRef90_R7F756 UniRef90_UPI00042CEE72 UniRef90_Q6L0C3 UniRef90_A0YLW3 UniRef90_M5FEH1 UniRef90_I1BQQ7 UniRef90_UPI00036C466C UniRef90_R7AK09	S K V V V I A N I V V I A N I V V I S D V I V V I S D V V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I S E I V V I I I S E I V V V I I S E I V V I I S E I V V V I I S E I V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I S E I V V V I I I S E I V V V I I S E I V V V I I S E I V V V I I S E I	I A G L P R K P G M S L A G L S Q K P G Q T L D D H V D K E L Y S T A G L A R K P G M S T A G A S Q R E G E T P A G L P R K P G M T P A G V P R K P G M T A S Q M A R L P G M S	G R D D L L F A N A D C R L D L A S A N A K S L E D C I R R C Q L S R D D L L G I M K S F R L D L L H R N V K N A G G R D D L F K I N A G G R D D L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G G R D D L L L E R N A G R D D L L L E R N A G R D D L L L E R N A G R D D L L L L R D L R	I VSEV VENVAPDS I MKEI TESVGFKG YGSLIEKNAHNFA VGEAIKKY SPES I FRSIGDVAKHDA I VRSI CEGVAKSC I VRDLATAAAKYA I AASV ADQVAPQA
UniRef90_S0JBM1 UniRef90_D4LKL1 UniRef90_C8NI81 UniRef90_T0DNV8 UniRef90_UPI0003F5A651 UniRef90_UPI000457617F UniRef90_G3SSV5 UniRef90_M0UNQ9 UniRef90_S5DWX8	A D V V S D V V S D V C S D V C S D V C S D	I A G A P Q K P G E I I S G A A R K P G Q T I A G A A Q K P G E T I A G V S Q Q P G E T S A G V A R K P G M I D D L D R Q P E E I A G A R Q E K G E T P A G V P R K P G M T	R	V V I QI V D S G F D G I T P E I V K V A P K A I L K NI V D S I M F D G I V Q H I V Q E V T R Y N I V K N L I E K C A A V C Y G R L I E R S A K P S V I F K L M I S N I T Q Y S I V K S L L E A V A D N C
UniRef90_R5TX92 UniRef90_C7RHY1 UniRef90_UPl00046F5289 UniRef90_F5WQW3 UniRef90_UPl000273C4CB UniRef90_UPl0002C631C1 UniRef90_R6Z0F9 UniRef90_UPl0003342F74	A D A V V I A K L V V I S D V I I S S L V I I I S S L V I I S S L V I I S S L V I I S S L V I I S S L V I I S S L V I I S S L V I I S S L V I I S S L V I I I S S L V I I S L V I I S L V I I S L V I I S L V I I I S	CAGU AQKPGETTAGU AQKPGETTAGU AQKPGETTAGU AQKPGETTAGARQQEGESTAGARQEPGESTAGARQUEKGETTAGARQUKPGET	R L N L L K R N A A R L D L V E K N L S R I D L L N R N A S R I D L V N R N I K R R L D L V Q R N V N R R L D L L K R N T E R L D L V H R N V S	VTDVTKK SEDP VFKSLVDPVTFNG IFKDMVGKVGFDG MKSVVKNIMESG YEELVPNLNPDA LKII VKNSPNC FKLII SNVSPRC VFKLII SNVSPRC VFKMISKII GHSP VFKMISKII SPNS FVPEIAKL SPNS IFASI VDAVRASG MKSI VKSVMFDG MKSI VKSVMFNG
UniRef90_N9Y5K7 UniRef90_R7EXD5 UniRef90_A7X6Y1 UniRef90_Q7Z0X7 UniRef90_R6YP94 UniRef90_Q82399 UniRef90_Q838C9 UniRef90_F8T0S6 UniRef90_UP1000380CC76	S D V I A A L I I A D L V V I S D V C I I A N V V V I A D V V V I S K L V V I S D V V V I S D V V V I S D V V V I S D V V V I S D V V V V S D V V V V S D V V V V V S D V V V V V V S D V V V V V V V V V V V V V V V V V V	I A G A G Q K E G E I I A G A A Q R P G E S I A G A P Q K P G E S I A G L A K L P N K S I A G L P Q K P G Q S P A G V P R K P G M T I A G A R Q K V G E S I A G A R Q K V G E S I A G A R Q K V G E S I S G I A R K P G Q S	R L D L I E F K G R T E L V H R N E R R L Q L V E K N T K S R D D L V K I M F T S R L E L A V S N T K S R D D L F N I N A G S R L D L V S I N A E T R L D L V Q R N L V T R Q T N V N I L K S	
UniRef90_E5WIK5 UniRef90_E0W2E5 UniRef90_UPI0004222736 UniRef90_C5DNS8 UniRef90_UPI00036AE82A UniRef90_Q5WE04 UniRef90_UPI00036BD304 UniRef90_W4QZY6	A D V V A D V V S D V V C S D V V V	T A G V S Q K D G E T T G G A N Q K P G Q T T A G F A R K P G M T S A G A N Q K P G E T T A G L P R K P G M S	RLDLLNRNAS FRLDLLNRNAS FRLDLLAILVRD FRLDLLEKNVI FRLDLLEKNVI	I V K D L V K A V K E V C I I K S V V T E L M K S G I I P K I V E Y A P K T L V A L Q I A K Y A P N S I F K E V V D A V M F N G I V G S V C E Q V K P N T
UniRef90_Q27797 UniRef90_P93106 UniRef90_H2Z4K0 UniRef90_X2HB58 UniRef90_K7J0A4 UniRef90_S8D4W0 UniRef90_H3NCR0 UniRef90_G2T5X5 UniRef90 U616T7	S D V V I I A D L I V I I A D L I V I I E A D L V V I I A D W V F F S D V V I I A D L V V F C G L I I I S D I V L I I S D I V L I I	TAGLIKVPGKS PAGVPRKPGMT LETDAKDELT TAGAAQKPGES LGDYNFSKSQE PAGVPRKPGMT TAGAGQKPGET TAGARQKPGET	RDDLFNTNAG RDDLFNTNAG LEQNHETYKR RLDLVNRNLH RLDLIHKNLK RLDLIEKNVG	V F K E I V Q S V M F D G I I R E V A Q G V K K Y C I V K A L V E A V A K H A Y A E E I N E V A L S N V I I K S I V T H I G F N G V L E T L E K F A K I D V I V K S L I E A V A K F S I T K T I V D Q V M F N G I T K T I V P Q L S P K A I F K K L V P Q L S P K A I M R D V V K N V M F N G I V E P I V E S G F F K G V I S E I A K D I K E N S I V K Q V V R E I T P Y S I V K Q V V R E I T S P D C
UniRef90_D4W2Z4 UniRef90_E3BRJ6 UniRef90_J3JB36 UniRef90_C3XNN7 UniRef90_H3SL21 UniRef90_D0VFV9 UniRef90_A0A059LJJ6 UniRef90_K9LGY0	A D V V I I	PAGVPRKPGMT PAGIPRKPGMT	TRDDLFRINAG TRDDLFNINAG	IVYKLVDA <mark>C</mark> APGA IVKGIAFALAKN <mark>C</mark>
UniRef90_L1M9W0 UniRef90_UPI0004792E2D UniRef90_UPI00032B0CD7 UniRef90_W7B9S1 UniRef90_UPI00033368A1 UniRef90_U9HD54 UniRef90_U2USN6 UniRef90_C0QQH0 UniRef90_H2KV10	AALVVI	T A G A A Q R E G E F	REQLVDKNMH	I MKSI VDQVMFDG I MDSI VVKYNTDG MISDI I QH SPSC I I MKGI I DEVMFDG I FKLMI SNI TQYS FVPTI AKL SPNA I I PEI KKR DCGG I FKRI VAMYSPKC I LKHI LVQYSPDT I MGDI NRHAPA A I VRSVAENVAKHA I VRSVAENVAKHA
UniRef90_A0A034WAY2 UniRef90_S6AI98 UniRef90_UPI0003661EA7 UniRef90_X5DQK7 UniRef90_Q9KUT3 UniRef90_Q5CIJ0 UniRef90_D3HG58 UniRef90_A9TJH9	S R L CI V S E L V V I S D I V V I S D I V V I S D I V V I S D I V V I S D I V V I S D I CI V V	T A G V R Q K E G E S T A G V P R K P G Q S T A G L P R K P G M S C A G A Q K P G E T S A G V A R K P G M D T A S L P G K P G D T A G A P Q K P G E T	GRLSLVQRNTDGRQDVLSINDGRADLIEVNAK RADLIEVNAK RADLFGNVNAG	I LKHI I VQYSPDT I MGDI NRHAPA A I VRSVAENVAKHA I FQDI VSQVRFDG I VKALAEKI AVVC I LDSVAEGVKKYC I VTEI I NSGFNG I LPQLVKY SPDT
UniRef90_P16115 UniRef90_D4LCA2 UniRef90_UPI0004160BDD UniRef90_G4VQZ4 UniRef90_W5MBG2 UniRef90_R9C0T2 UniRef90_E6NB57 UniRef90_R6JXQ9	S D V V I V S D I V I L A D I V L I I S D I V V I I I S S K L C I I I I S D V V V V A A I I I V I I S D V V V V A A I I I V I I I S D V V V V A A I I I V I I I I I V I I I I	A A G V P Q K P G E T T S G I A R K P G Q S P A G V P K P G M E T A G A R Q N E G E S T A G V R Q K E G E S C A G A N Q K P G E T T A G L T R K P D M T T A G A N Q K P G E T	K Q L G K N A R S R L E N V N T K S C R S C N C N C C C C C C	VRSVAENVAKHA FQDIVSQVRFDG VKALAEKIAVVC VKALAEKIAKYC VTEII NSGFNG IPQLVKYSPDT VMKEIARNVAPDS IPEITRHAPNC IVANLVEALADNC IPRIVKYSPDA IPNIVKYSPDA IFKSIVDQVMESG VSRHIRENAPKSK

	400 440 450	00
UniRef90 UPI0003F0E7A5	130 140 150 16 <u>RVVVG</u> GKTVNLKTSLL <u>I</u> RYSP <u>SI</u> A <u>HNIIAV</u> AL <u>GV</u> EGQAR	60
UniRef90_B6YQU6		
UniRef90_A9NXT5	PVNI I SNPVNSTVA I AAEVA GVYNPKL LMGVTTLDVARAN LIIMVSNPLDVMTYVALKESGFPKERVVGMAGLLDSARMA	
UniRef90_E6WZW8 UniRef90_P00337	I I I MV S N P L D V M T Y V A L K E S G F P K E R V V G M A G I L D S A R M A T L L V V S N P V D L L T Y V T W K L S G L P K H R V I G S G C N L D T A R F R	
UniRef90_W9S9W9	PHNMI SNPVNSTVPI ASKKAĞTYDEKRILIF GVT TILDVVR AK	
UniRef90_UPI0002B45551	FITHII SNPVNSTVPI AAKQKGVYDPKKLFGVTTLDVVRAN	
UniRef90_A6Q388 UniRef90_R7F756	I I V VT N P L D T MT Y V A L K K S G F P K N R V I G M A G I L D G A R M T L F L I A S N P V D L M T Y V V R E V S G F D S S K V I G S G T V L D T A R L R	
UniRef90_UPI00042CEE72	KILI VIGGKTIVINII IKTAILI IMKYAPT FARNII LIAIVIAII IGIVIFGOAK	
UniRef90_Q6L0C3	KIVVVTNPADIMAYAIYK ASGISPERIIGLGGLDSTRFR ILLIVANPVDLMTYVSLKLSGFPSSRVLGSGTVLDTARFR	
UniRef90_A0YLW3 UniRef90_W5FEH1	KIVVVTNPADI MAYAIYK ASGISPERI I GLGGLDSTRFR I L I VANPVDI MTYVSLKLSGFPSSRVLGSGTVLDTARFR PNAI VSNPVNSTVPI AAEVAGTYCPKRLLGVTTLDVARAN FMCI I SNPVNSTVPI VTEVFKVYDPKRLFGVTTLDLVRAS	
UniRef90_I1BQQ7	FMCI I SNPVNSTVPI VTEVFKVY DPKRIFGVTTLDI VRAS	
UniRef90_UPI00036C466C	MIVI V VII N PIVID <u>AILII <mark>H</mark>IL VIA VIKIVI</u> G I PKA RII <u>IF</u> GMGGII LIDSA R <u>F</u> R	
UniRef90_R7AK09 UniRef90_S0JBM1	RLLIVSNPVDVMTYAAWKLSGYPPEHVIGSGTVLDTARLK IFLIAANPVDILTYSTWKFSGFPKERVIGSGTSLDSARFR	
UniRef90_D4LKL1	L Y	
UniRef90_C8NI81	<u> </u>	
UniRef90_T0DNV8 UniRef90_UPI0003F5A651	PKACI GNPIVINTTIVIAI VIIKNAGIVIYDPAKII IFGIVITSII IDIVI IRAF	
UniRef90_UPI000457617F	R <u>V L</u> V <u>A</u> G N S V N L <u>K</u> T Y <u>F L</u> M Q <u>N</u> A P S <u>V</u> P R Y <u>N F V A V A</u> S <u>R</u> L E G E A R	
UniRef90_G3SSV5	P	
UniRef90_M0UNQ9 UniRef90_S5DWX8		
UniRef90_R5TX92	II IFIL VIATNEIVIDII IMTRILITYAII ISGENERRIVI IGSGTAII IDTARILIR	
UniRef90_C7RHY1 UniRef90_UPI00046F5289	I FL VASNPVDI LTYATWKFSGFPANKVI GTGTTLDSSRFK FNGI ITNPVDI LTYVVWKTSGLPSNRVI GSGTSLDTARLR	
UniRef90_F5WQW3	LLLVVSNPVDILTHITYKLSGFPAERVIGSGTVLDTARFQ)
UniRef90_UPI000273C4CB	KILLVVISNPVDILLTYVITWKILISGILPQNRVIIGSGTNLDSARFR	
UniRef90_UPI0002C631C1 UniRef90_R6Z0F9	KLIVVŠNPVDILSYVAWKLŠAFPQSRVIGŠG <mark>C</mark> NLDTARFR LFLVATNPVDIMTKIT <mark>C</mark> TLSGFNPRRVLGTG <u>T</u> TLDTAR <u>L</u> R	
UniRef90_UPI0003342F74	<u>R C </u> V T N P V D L T Y V A W K L S A F P K N R V G S G <mark>C N</mark> L D T A R <u>F</u> R	
UniRef90_N9Y5K7 UniRef90_R7EXD5		
UniRef90_R7EXD5 UniRef90_A7X6Y1	YFLIAANPVDI LTRFVKEYTGLPAERVIGSGTVLDTARLQ	
UniRef90_Q7Z0X7	FVICITNPLDVMVKMLTKSTGFPKNKVVGMGGLLDSSRMC	
UniRef90_R6YP94 UniRef90_082399	IVIEIL LIA S N DIVIDII IMS VIV VIA MIVIS GILID K S DIV LIG S G TIV LID T A DILID	
UniRef90_Q838C9		
UniRef90_F8T0S6	KILIVSNPVDILITYVVWKISGLPASHVIGSGCNLDSARFR	
UniRef90_UPI000380CC76 UniRef90_E5WIK5	LYIIVSNPVDIMTYVFTKISGLPENQIIGSGTILDTARIR IFLVATNPVDILTYAVWKFSGLPKERVIGSGTILDTARFR PKALVGNPVNSTVPIAAKKAGVYDPNRLFGISTLDLVRAN	
UniRef90_E0W2E5	FLVATNPVDI LTYAVWKFSGLPKERVI GSGTI LDTARFR PKALVGNPVNSTVPI AAKKAGVY DPNRLFGLSTLDLVRAN	
UniRef90_UPI0004222736	FNGILSNPVDILTYVAWKSSGLPTSKVEGSGTALDTARLR	
UniRef90_C5DNS8 UniRef90_UPI00036AE82A	FNGI ISN PVDI LTYVA WKSSGLPTSKVEGSGTALDTARLR LLIATN PVDVLTYVSYKVSGFPLN RVIGSGTLLDSARLK IVITVTN PMDVMTYLTYKLTGFPKERVIGMGGQLDSARYR	
UniRef90_Q5WE04	II IFIL VIA I N PIVIDIL LII QA I QIVIF S GILIP K K RIV I IG S G I I ILID I A RILIR	
UniRef90_UPI00036BD304 UniRef90_W4QZY6	TTVVVSNPLDVMCWVAKEVTĞFERRRVIĞMAĞVLDTCRFR LFLVATNPVDLMTYVTWQESGLPKERVLGSGTTLDTARLR	
UniRef90_Q27797	FVI VVT N P L D C MVK C F H E A S G L P K N M V C G M A N V L D S A R F R	
UniRef90_P93106	PNAVITNPVNSTVPITLKLAGVYDPKKVIGVTSLDIVRAN	
UniRef90_H2Z4K0 UniRef90_X2HB58	KIILSGSTVNFNSHVLVEYGKNINKQNIVAMSKLQERRAQ IFLVASNPVDILTYATWKISGFPAERVIGSGTSLDSARL <mark>C</mark>	
UniRef90_K7J0A4	KI TLG NTSARLISEYAPSIPKNNI TGVTLVLQRLAA	
UniRef90_S8D4W0	PINMISNPVNSTVPLAAEVLKSNDEKRLLGVTTLDVVRAK	
UniRef90_H3NCR0 UniRef90_G2T5X5	I LIMI VIA N PIVIDIV LITYA A QQIIS GYPIVE RIVIF GSGTIVLID TA RILIK	
UniRef90_U6I6T7	LIIVVSNPVDIMTYITWKLSGFPKNRVIGSGTMLDTARFK	
UniRef90_D4W2Z4 UniRef90_E3BRJ6	KIITLG NTSARLISEYAPSIPKNNITGVTLVLQRLAAPINMISNPVNSTVPLAAEVLKSNDEKRLLGVTTLDVVRAKIFLVASNPVDILSYAVHKFSGMPAHKVVGSGTSLDSARFRLLMIVANPVDVLTYAAQQISGYPVERVFGSGTVLDTARLKLIVVSNPVDIMTYITWKLSGFPKNRVIGSGTTLDTARFKLLIVASNPVDILTYVAWQESGLSRHRVIGTGTTLDTARFKLLIVAANPVDILTHATWKISGFPKDRVIGSGTSLDSGRLQ	
UniRef90_J3JB36	LFLVAANPVDLLTYATWKLSGFPQERVIGSGTSLDTARLR	
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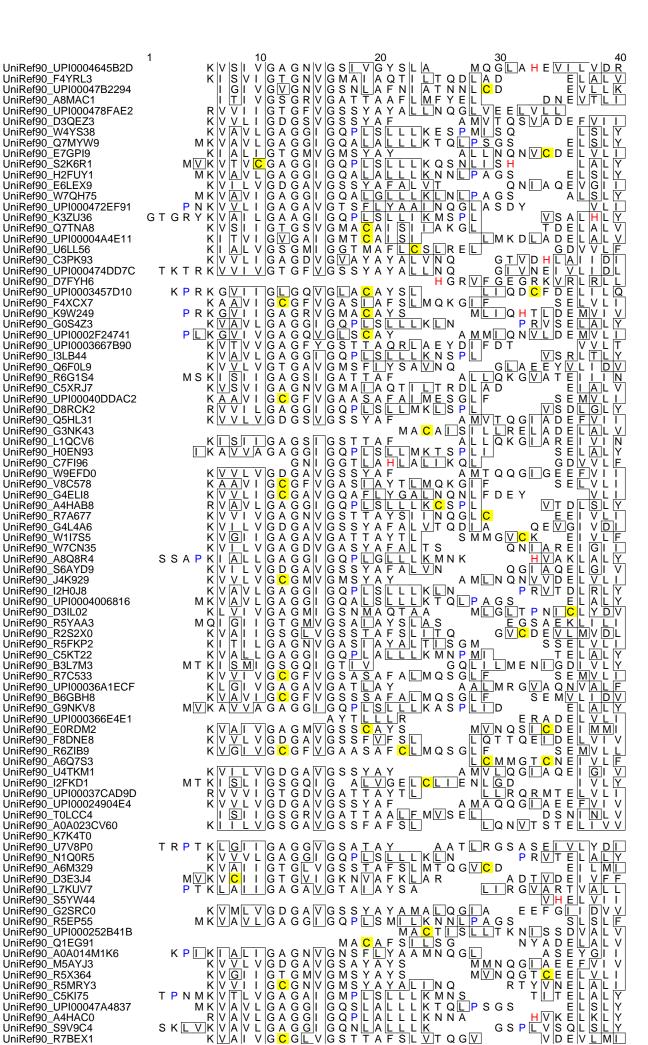
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UniRef90_UPI000478FAE2 UniRef90_D3QEZ3 UniRef90_W4YS38	A DIL V V I T A G A N Q G P G E T R IL DIL I E K N A A II F K K II V IM A S G F D G A D L V V I T A G A P Q K P G E T R IL Q L V E K N A K II M K D II V K S V M F D G C D V V I I P A G V P R K P G M T R D D II E N T N A S II V R D II C K A A A F T C
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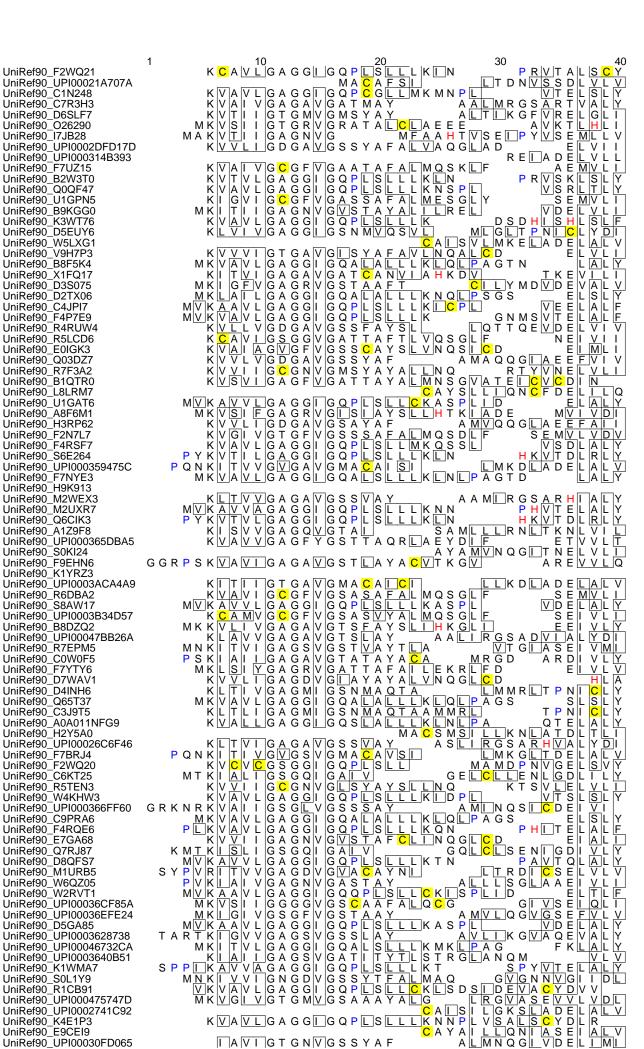
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UniRef90_W9EFD0	I FL VAANP	L D I M V N M L (RESGYPE	F K V I G S G T S I I	DTGRFR
UniRef90_V8C578 UniRef90_G4ELI8	LLIVSNP	V D I L I E V A L V D I I S T I Y (_RESGYPE DRVTGFDV	ERVIGSGT <u>V</u> L <mark>H</mark> KLIGTGTSL	DTARLK DSVRLN
UniRef90_A4HAB8	I I G V I S N P	VNSTVPVA	A E TLK KLD	PGRLFGVTTL	. D <u> V </u>
UniRef90_R7A677 UniRef90_G4L4A6	FFIVVSNP	V D	NKFSGLPA NKFSGFPK	K Q V I G S G T A L E K V L G T G T S L	DTAR <mark>LC</mark> DSARFR
UniRef90_W1I7S5	PNALVSNP	LDVMTYAU	K I T G W D S	NRIIGMGGAL	DGSRMA
UniRef90_W7CN35 UniRef90_A8Q8R4	FIVIAII I IT N PI	VIN S TIVIPII IA (FILIFKKFD	PRRII IF GIVIT TII	DVVRSA
UniRef90_S6AYD9	IFLVAANP	V D I L T Y S T \ V D L M T E I T \	NKFSGFPK	ERVIGSGTSL RRVIGSGTAL PRKLFGVTTL	DSARFR
UniRef90_J4K929 UniRef90_I2H0J8	PNAIVISNPI	VIN S TIVIPIV VIA	A Q K IL IGIV IY N	PRKILIFGIVITTIL	DSARLR DSVRAS
UniRef90_UPI0004006816	PKG VI TNP	V N G T IV I <mark>P</mark> II V IA	AKKAGTYD	K N R IV IF GIV IT T II	IDIVIIRSE
UniRef90_D3IL02 UniRef90_R5YAA3	HVVI I F N P	A DI T GL V T I V D I M T E V T I	- I WS GLK	PSQVSTLAAL NRVFGTGTVL	DSIRLQ DSAR <u>F</u> R
UniRef90_R2S2X0	LFLVVS NP	YIRMILIA YI <u>L YI</u>	Y K L S G L P K	NQVIGSGTSI	DSARLQ
UniRef90_R5FKP2 UniRef90_C5KT22	MYI MVSNP	V N S T V P F V A	AKKAGVYD	SQVIGTGTLL HRKVIGVSLL	DVVRAN
UniRef90_B3L7M3 UniRef90_R7C533	FVI CVSNP	L D I M V N V F	H K Y S G L P Y	EKI <mark>C</mark> GMAGIL	DTSRFR
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UniRef90_B6GBH8 UniRef90_G9NKV8	LLLIVSNP	V D V L T Y A A I	K M S G L P E	S Q V G G L L H R K V G V S L L E K C G M A G L H R V F G S G T V L E R L F G S G T V L C G Q V G S G T V L P Q R L F G V T T L M R V T T T T T T T T T T T T T T T T T T	DTARLK DIVRAE
UniRef90_UPI000366E4E1	DDGI ATNP	V D I MS Y F S I	KKSGWPI	NRVIGSGTLL	
UniRef90_E0RDM2 UniRef90_F8DNE8	I F V I A A N P		QSISGLPR	NKVIGTGTSI HRVIGTGTSL	DSSRLK DTARLN
UniRef90_R6ZIB9	QGILVSNP	V DI MSYFSI V DI VTYMVI V DI LTTVTO V DI LTYAAI LDVMTYVI	KLS GIP E	NRVIGSGTVL	ID T A RIL IK
UniRef90_A6Q7S3 UniRef90_U4TKM1	IVE II VIA A NE	V) Y A \	JRMTGWER NKIISGFPK	NRIIGMAGAL SRVIGSGTSI	D G A R M A
UniRef90_I2FKD1	FVICVSNP	LDI MVNVF	HKYSNLPH	SRVIGSGTSL EKI <mark>C</mark> GMAGIL	DTSRFR
UniRef90_UPI00037CAD9D UniRef90_UPI00024904E4	II IFII VIA A N PI	V D I L IS Y V S \	Y K K S G W P A N K F S G F P K	HRIVI IGSGTILL NKVI GSGTSI	D S A R F R
UniRef90_T0LCC4	PNAIL VIT N PII	I IDIVIMIVITIV I I	YNKIIKFPR	NRVIGESGVL	DSARFR DTARLR DSRRMA DSARLS SVRAN
UniRef90_A0A023CV60 UniRef90_K7K4T0	CFVVSSNP PKAIVSNP IYMLVTNP	V D V L T T I T C V N S T V P I F C C C C C C C C C	QQLSGFPK	ERVIGTGTSL PKRIIGVTMI	DSARLS
UniRef90_U7V8P0	TYML VT NP	CDVLTVVT (RUT GLP A	NRVLSSGTVL PKKLFGVTTL SHIIGTGTSV KRVLGLGNH	DSSRLR
UniRef90_N1Q0R5 UniRef90_A6M329	N M L I I S N P I	V N S T V <mark>P T </mark> V D M A Y V \	AKKAG V YN YKIISGI PK	P K K L F G V T T L S H I I G T G T S V	DVVRAS DSARIIK
UniRef90_D3E3J4	ILLIATNP	VDVMTAVAL	EASGENK	ĸĸĸĿĞĿĞ'nĦĹ	DSERLK
UniRef90_L7KUV7 UniRef90_S5YW44	I Y L MVT N P	V D V V T Y A A (JRVTGLPS MKYSNFPT	N R L	DSSRLR DTSRLR
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UniRef90_A0A014M1K6 UniRef90_M5AYJ3	F S G I T S N P	V D V TRAYE	R D A S G F S D	Q K V G S G T L L	DTARLQ
UniRef90_R5X364	FNGILTNP	V DI MTYAA	WKLSGFDK	TKVIGSGTTL	DTARLR
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UniRef90_UPI00047A4837	CLGIITNP	ŢĸŦĿŸŔijŔ <i>Ź</i>	AKK <u>A</u> G <u>VY</u> N	K H R L F G L S V L N Q V I G S G T N L L F G S G T N L L G S G T T L L N R V I G G S G T T L L S R K L F G G V T T L L P G R L L F G T G T A L N Q V I G T G T A L N Q V I G T T L L N Q V I G T G T A L N Q V I G T G T A L N Q V I G T G T A L N Q V I G T G T A L N Q V I G T G T A L N Q V I G T G T A L N Q V I G T G T A L N Q V I G T A L T A	DITRSN
UniRef90_A4HAC0	I G V I S N P	V N S T V P V A A	A E T L K K L D	P G R L F G V T T L	DVVRAR
UniRef90_S9V9C4 UniRef90_R7BEX1	PKAIIGNP	V D L I T H Y V F	K K L S G L P K	PRKILIFIGILI IIL NQVI GTGTAL	D S A R L K

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UniRef90_W9EFD0 UniRef90_V8C578 UniRef90_V8C578 UniRef90_G4ELI8 UniRef90_A4HAB8 UniRef90_R7A677 UniRef90_G4L4A6 UniRef90_W1TS5 UniRef90_W7CN35 UniRef90_A8Q8R4 UniRef90_J4K929 UniRef90_J4K929 UniRef90_J2H0J8 UniRef90_UPI0004006816 UniRef90_D3IL02 UniRef90_R5YAA3 UniRef90_R5YAA3 UniRef90_R5YAA3 UniRef90_R5FKP2 UniRef90_R5FKP3 UniRef90_R6ZBB9 UniRef90_R6ZBB9 UniRef90_R6ZB9 UniRef90_A6Q7S3 UniRef90_N4TKM1	T F I V A E K F G L DI V S K V D V P V I G G H A G V T L M P V F S Q C T P T V K I S L G E K L N V A P E N V N L V L L G G H G D L M V P L K R Y C S V S G I P Y H L G Q H L G V D S R S V H A F V I G E H G D S E I A A WS S A T I G S V P F L L A E H T G V A A Q S V H A Y V I G E H G D S E L P L W S S A T I G S V P Y M L G E H L S V D P R D V H A Y I V G E H G D S E V A A W S S A T V A G V P T F V A E L V G E S Q P Q K L T L P V V G G H S G T I L P L I S K A N P A V T I Y L I S E E L T L D P R S V H A H I I G E H G D S E L P V W S L A N V A G A K T L L S E V F S I D P R S V Q G Y A L G E H G E S Q F V A W S H V T I G G K P V L L S E K L N V P V N E I D A L V L G E H G D T S F G A F D E A T I N G K P Y E L G E H L E V D S R G I H A F I I G E H G D S E I A A W S S A N V S G I P Y Q I Y N K L G Y G A G Q I G T L V I G D H G Q N M L P L P Q K V Q V G D V P
UniRef90_U2+IXMT UniRef90_I2FKD1 UniRef90_UPI00037CAD9D UniRef90_UPI00024904E4 UniRef90_TOLCC4 UniRef90_AOA023CV60 UniRef90_K7K4T0 UniRef90_K7K4T0 UniRef90_N1Q0R5 UniRef90_D3E3J4 UniRef90_D3E3J4 UniRef90_L7KUV7 UniRef90_E55YW44 UniRef90_G2SRC0 UniRef90_G2SRC0 UniRef90_Q1EG91 UniRef90_UPI000252B41B UniRef90_UPI000252B41B UniRef90_UPI000252B41B UniRef90_UPI000453B41B UniRef90_UPI000453B41B UniRef90_UPI000453B41B UniRef90_UPI000453B41B UniRef90_UPI000453B41B UniRef90_UPI000454B41B UniRef90_UPI00045A4B3 UniRef90_R5X364 UniRef90_C5KI75 UniRef90_C5KI75 UniRef90_UPI00047A4837 UniRef90_A4HAC0 UniRef90_S9V9C4 UniRef90_S9V9C4	

	210 220 230 240
UniRef90_UPI0004645B2D	LSD L LSQKE DE VVEKTKKAGAE TVGY LKTGSAYFAP
UniRef90_F4YRL3 UniRef90_UPI00047B2294	FLERQQIAYEKETLEKI HKEVVESAYEVI SLKGYTSWALG DKRVI DI LNKEDI QEI LENTKNGGAKI VELLKTGSAYFAP
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UniRef90_UPI000478FAE2 UniRef90_D3QEZ3	I LSLLDDKAKSEADLDEI FINVRDAAYI I ERKGATYYAIA VFEALKEKTGSEAKAEELYVNTRDAAELI QAKGSTYYGIA
UniRef90_D3QE23 UniRef90_W4YS38	PQADLEALT VRIQNAGTEV VEAKAGAG SATLSMAYAAA
UniRef90_Q7MYW9	D G E I I A A II I T K R II I O N A G T E IV V I E A K A G G G S A T II I S M G
UniRef90_E7GPI9 UniRef90_S2K6R1	TTELCEESHGSTCAQELEQEVRTAAYKIIEAKNATYYGÜG SEKQLEDLTKRIQFAGDEVYKAKNGAG SATLSMAYAGA
UniRef90_H2FUY1	<u>D</u> EE <u>LLE</u> KLITYRII QNAGT <u>EIV</u> VEAK <u>A</u> GG GSATLIS <u>M</u> G
UniRef90_E6LEX9 UniRef90_W7QH75	<u> Y E WV K N N P E V D E E A M V N F F G V R A Y T E K K G A T Y Y G A D E E A S L T T R Q N A G T E V E A K A G G </u>
UniRef90_UPI000472EF91	I S K Y I K D K I T Q K E L D E I R D Q A V H M A S K I I E L K R A T F Y G I G
UniRef90_K3ZU36 UniRef90_Q7TNA8	TDEEVEELTARVQNAGTEVVEAKAGAGSATLSMAYAAARF LKELNSALGTNKDPEQWGNVHKESAYKI IKMKGYTSWANG
UniRef90_UPI00004A4E11	ILIK NILIH P D D A D K E Q W K E IV IY K Q IV V ID S A Y E IV I IK ILIK G Y T S W A II IG
UniRef90_U6LL56 UniRef90_C3PK93	ILIMEFRGWIIKEEEII IEEII VIQKTKTAGGDII VIRILLIGQGSAYYAP
UniRef90_UPI000474DD7C	I NVY GRIENYYEDRDMOFILEENVRDAAI LERKGATYYGI G
UniRef90_D7FYH6 UniRef90_UPI0003457D10	RWDGTAPDLDSAWHDWISETLVRGTKVIEARGKSSALSAA IVPDGWDNLAKDEQDEIYFNVKNAAYEIIQRKGYTSYAIG
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UniRef90_C5XRJ7 UniRef90_UPI00040DDAC2	II IH D F <mark>C</mark> F M R G H F F H M K F II IA D N IV IK N S A Y F II I I F K K G A T Y Y G II IA
UniRef90_D8RCK2	S T K E L D A L T K R T Q D G G T E V V K A K A G K G S A T L S M A Y A G A L F
UniRef90_Q5HL31 UniRef90_G3NK43	VYDTLKEETSDAKANENYNTRDAAYDITQAKGSTYYGIA LQPDLGTD <mark>C</mark> DEENWTE <u>THKMVV</u> D <u>S</u> AYEVIKLKGYTNWAIG
UniRef90_L1QCV6	<u>VKSFSEQNSIISW</u> DKET <u>IIAEDV</u> KN <mark>C</mark> AYE <u>VI</u> KRK <u>G</u> ATAFA <u>V</u> A
UniRef90_H0EN93 UniRef90_C7FI96	II I F R II V I O F G K II I T O F R II I D A II I R T R S G G G F II V I A II I I K T G S A Y Y A P
UniRef90_W9EFD0	IL VID F A A K R G T K E DIL L IQII IE D E T R N K A Y QII I IN M K G A T F Y GIV IG
UniRef90_V8C578 UniRef90_G4ELI8	VEKFAELRRQKGFSEEMKESVRDSAYEIIKRKGATYYGIG LSKF_GKKMTESQQRKMHNEVMRMAYKIINLKRATFYGIG
UniRef90_A4HAB8	SKEQVEQLTYRIQFGGDEVVKAKAGKGSATLSMAYAASWS LTDVMSDNADRTKNETKETQTKAAGWELFSRKGNTCYGLA
UniRef90_R7A677 UniRef90_G4L4A6	II IY E WIVIK N N P E II ID E E A MIVINIL IF F S IVIR A Y T II I IE K K G A T F Y G IVIA
UniRef90_W1I7S5	A II I A IV L IS K K D M E E II I I E R T K N G G A E II V IK H IL IG T S G Y Y A P A
UniRef90_W7CN35 UniRef90_A8Q8R4	IKEWRHPEIT DAVLDELFHKVRDAAYELIEHKGSTYYGIA SNDEVKKLTERLQNAGTEVVKAKAGAGSATLSMALAASKF
UniRef90_S6AYD9	IL IE N Y IL IQ DIV IE N F N A A E IL V ID IL IF E GIV IR D A A II. I IN K K G A T F Y G II. IA
UniRef90_J4K929 UniRef90_I2H0J8	T D L T A E S K G K L N T E E I E E D V R T A A Y K I I E A K R A T Y Y G I G T P E Q R D A L V N R I Q F G G D E V V K A K N G A G S A T L S M A Y A G S R F
UniRef90_UPI0004006816	DEEVAALT PRIQNAGTEV VNAKAGG GSATLSMG LLDGTPKLSAEKWAEIKQKTVQGGSNLIKLRGRSSFQSPA
UniRef90_D3IL02 UniRef90_R5YAA3	<u>V</u> E
UniRef90_R2S2X0	FKDVITDNPEDIDLDDLVLKTTREGWEIFNRKGTTYYGIA LIDYKSKEQVKEEVVELHQQVLKSGGKIIKLKGATYYGIA
UniRef90_R5FKP2 UniRef90_C5KT22	DHETIVLIAILIDS HIVIQNAGTDIVVINAAGSGSATILIAM
UniRef90_B3L7M3 UniRef90_R7C533	LSDFLEKKTNEELNDLIKKTRDMGAELIKLSKSSATFSPA FCEMRGHYNHEGNTESLEEQVKNSAYEIIAKKDATYYGLA
UniRef90_UPI00036A1ECF	L L Q W R A S D G R A L D E E A R D R V Q S A Y R V I E G K G A T N Y A I G
UniRef90_B6GBH8 UniRef90_G9NKV8	LNDYCELHGHFDHKAALADDVKNSAYELLEKKRATYYGLA PADKYEALVNRVQFGGDEVVKAKDGAGSATLSMAYAGF
UniRef90_UPI000366E4E1	
UniRef90_E0RDM2 UniRef90_F8DNE8	I LRQHKERFSHVDLDDI ARKTRDAGWEI FTRKGATNFGI A LKE VTDLTAQDYSELEKAVKERGGKI I EGKGATFYGVA
UniRef90_R6ZIB9	<u>F</u> CEMRG <u>HH</u> NHSAAME <u>E</u> JI AEK <u>V</u> JKNSAY <u>E</u> JI <u>L</u> JA <u>K</u> KKATYYGLJA
UniRef90_A6Q7S3 UniRef90_U4TKM1	VNE LLSKAEMEETIERTRTGGAETVKHLGTSGYYAPG I A D WVKAHPELDESKL VT MFEDVRDAAI I DLKGATFYGLA
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UniRef90_UPI00037CAD9D UniRef90_UPI00024904E4	A A L D L P E S D Q E E I F D N T K N A A Y A I I N A K G S T Y Y A I A V V E L A K K A G V S F D D V E L E G Q T R D K A Y D I I N L K G A T F Y G V A
UniRef90_T0LCC4	II IK T YII IT F F O Y T KIV VIK D TII IS A G A DII IT NII IR K F S S N W G P A
UniRef90_A0A023CV60 UniRef90_K7K4T0	LSKIAALDDESLH ELEESVKNRGSRIISLKGATHYGVA TPKELEYLTDRIQNGGTEVVEAKAGAGSATLSMAYAAVKF LTEWEHKLFTQDVRDSLAHDAMRAAYNVIAGKGSTNYALG
UniRef90_U7V8P0	LT E WEHKLFTQDVRDSLAHDAMRAAYNVIAGKGSTNYALG
UniRef90_N1Q0R5 UniRef90_A6M329	A E R D E Y I K R V Q F G G D E V V K A K D G A G S A T I S M A M A G A R F F Y E I L K D N K D K V D L D K L V L E T A R A G W E V Y N R K G T T Y Y G L A
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UniRef90_G2SRC0	FILID WAKEH DIVISKETILIDKII IED DIVIRKAYEII IIN KKGATEYGIVIA
UniRef90_R5EP55 UniRef90_UPI000252B41B	S Q K R I E E L T Y R I Q N A G T E V V E A K A G A G S A T L S M A T A L D E T V G T E Y D K E N WN E L Y K K V V G S A Y E V I K L K G Y T S WA I G
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UniRef90_A0A014M1K6 UniRef90_M5AYJ3	L N P N V G T D K D Q E N W K D V H K Q V V D S A Y K I I E L K G Y T N WA I G F C H F S E L T G I N N Y E K E L E Y P V S R R A Y E I I N R K R A T F Y G I G L K V V A K E H G L T D D D L A K I E D D T R K A Y E I I N R K G A T Y Y G V A
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UniRef90_A4HAC0	TEQEAAEL TERI QHAGTEV VEAKAGAGSAXLSMGQAAARF SKEQVEQLTYRI QFGGDEV VKAKSGAG SATLSMAHAGN SEEQVKALTHRI QFGGDEV VKAKAGAG SATLSMAYAAF
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	_UPI0004645B2D	
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UniRef90_ UniRef90	_UPI000478FAE2 _D3QEZ3	YL
UniRef90	_W4YS38	Y L D F V A
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UniRef90_M2WEX3 UniRef90_M2UXR7	D A A E K T E A E V L D L A H G S Q F T G G T D I V G S S D I E V A R D D V V N T P G V A A D L S H L S T P A V V K G Y L P K D D L K G A L T G
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UniRef90_A1Z9F8 UniRef90_UPI000365DBA5	DINYELAKAE ALDFQHASAF LSDARVVPCGDSTNSKD DILEGKPEGLALDMNQSRAVEGFETRVVGQTTGPYEALAG DVNQDKAQGEALDLLDGLAWARENVKLWSGT YADCKE
UniRef90_S0KI24	DVNQDKAQGEALDLLDGDAWARENVKLWSGT YAD <mark>C</mark> KE
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UniRef90_S8AW17	DVVNTPG VAADLSHISSAAKLTGYLPKDDLKHALTN
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UniRef90_UPI00047BB26A	DRAKIVIEAEIVIADILIAHGI QFI SSII VIM GGADII ISAIVIKD
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UniRef90_D7WAV1 UniRef90_D4INH6	D PYGPALEGVAEELYHCAFEGANITW TTDIREALTD
UniRef90_Q65T37	DINKEKALGEALDIRQ GIPFCSPCSIYAGDYRDAAG DINKSL AEGEAMDLLHSTPFLKRTIIRSG NAEDITG IDLNEEKTWGHVQDLNHAVPWSGHNT RVTVGTYEDCRD D PYGPALEGVAEELYHCAFEGANLTW TTDLREALTD DVAPVTP GVAKDLSHIPTDVVVEGFAGTD PSEALKG D PFAQGLEGVAEEMRHCAFEGLNLTF TSSIEEALRG DIAPVTP GVAVDLSHIPT GVKVSGYAGDDLAPALEN
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UniRef90_D3S075 UniRef90_D2TX06 UniRef90_C4JPI7 UniRef90_F4P7E9 UniRef90_R4RUW4 UniRef90_R5LCD6 UniRef90_E0IGK3 UniRef90_Q03DZ7 UniRef90_Q03DZ7 UniRef90_B1QTR0 UniRef90_B1QTR0 UniRef90_L8LRM7 UniRef90_U1GAT6 UniRef90_U1GAT6 UniRef90_H3RP62 UniRef90_F2N7L7 UniRef90_F2N7L7 UniRef90_F2N7L7 UniRef90_F2N7L7 UniRef90_F6E264 UniRef90_F7NYE3 UniRef90_T9K913 UniRef90_H9K913 UniRef90_M2UXR7	A H I V V I P A G V P R K P G M T R D D L F N I N A G I V K N L A I G C A K N A D V A V I T A G A N Q L P G E T R L D L V N K N A K I L S T I V Q P I V D S A Y L V I V T A G A N Q L P G E T R L D L I N K N A S I F K K I I I G Y N K D A D I I V L C A G A S P K P G D T R L D M A D T Y A I Y K D M I P Q M M A S G A D L V V I T A G A P Q K P G E T R L D L V N K N L N I L S T I V K P V G F D A S I V V I A A G A N Q N P G E T R L D L I E I F K G F I P Q I A A A S P N A D I V V I T A G A A Q K P G E S R L N L L E R N V S I F R H I V V K Y C P N A D I C I I P A G I P R K P G M T R D D L F K I N A G I V Q G L I K K Y S P D A D L V V I T A G A A Q K P G E S R K R N V K I I R Q I A A Q I K K Y S P D A D L V V I T A G A A Q K P G E T R L D L V N K N V A I F R S I I R H C G F D C A G A A Q K P G E T R L D L V N K N V A I F R S I I R H C G F D C A G A A W V V T A G A A Q K P G E T R L D L V N K N V A I F R S I I R H C G F D C A G I V L I P A G V P R K P G M T R D D L F N T N A S I V R D L A T A A A A K Y S C T A D V V L I P A G V P R K P G M T R D D L F S I N A S I V R D L A K A A A A P N S K L V I I T A G A R Q K V G E T R L D L V Q R N V A I M K S I V V Q H S P D A D I V M I P A G W P R K P G M T R D D L F S I N A S I V R D L A K A A A A P N S K L V I T A G A R Q K V G E T R L D L V Q R N V A I M K S I V V Q H S P D A D I V M I P A G W P R K P G M T R D D L F N I N A G V V K T L A E A I V V N A D V V I T A G A K Q K P G Q S R R E L A D T N A R I T R T L M E G I V Q F A D I V V I T A G A K Q K P G Q S R R E L A D T N A R I T R T L M E G I V Q F A D I V V I T A G A K Q K P G Q S R R E L A D T N A S I V K D L E G I V Q F A D I V V I P A G I P R K P G M T R D L F K I N A G I V K G L I E G I V Q F A D I V V I P A G I P R K P G M T R D L F K I N A G I V K G L I E G I V Q F A D I V V I P A G I P R K P G M T R D L F K I N A G I V K G L I E G I V Q F A D I V V I P A G I P R K P G M T R D L F K I N A G I V K G L I E G I V Q F A D I V V I P A G I P R K P G M T R D L F K I N A G I V K G L I E G I V C A D I T C T T T T T T T T T T T T	<mark>C</mark> GCFGGAASAGG <mark>C</mark> A <mark>CC</mark> A
UniRef90_Q6CIK3 UniRef90_A1Z9F8 UniRef90_UPI000365DBA5 UniRef90_S0KI24 UniRef90_F9EHN6 UniRef90_K1YRZ3 UniRef90_UPI0003ACA4A9 UniRef90_R6DBA2 UniRef90_S8AW17 UniRef90_UPI0003B34D57 UniRef90_UPI0003B34D57 UniRef90_UPI00047BB26A UniRef90_UPI00047BB26A UniRef90_T7EPM5 UniRef90_C0W0F5 UniRef90_F7TYF6 UniRef90_D7WAV1 UniRef90_D7WAV1 UniRef90_D4INH6 UniRef90_D4INH6 UniRef90_Q65T37 UniRef90_C3J9T5 UniRef90_C3J9T5 UniRef90_C3U	A D V V V I T A G A N Q K P G Q T R L E L V D I N A K I WR E I V Q S V M F D A D V I A I T A G A K Q K P G Q S R L E L V G I M E K I L P K L V E V A P N A D V I V I T A G A K Q K P G Q S R L E L V G I M E K I L P K L V E V A P N A D V I V I T A G A A Q K E G E T R L D L I K I F K S I I S E I V K Y A K K E S K L V I V T A G A A Q K E G E T R L D L V K N V N I Y K S I I L L A S R N A A I I I I T A G A N Q K P G E T R L D L V K N V N I Y K S I I L L A S R N A D I V V I P A G I P R K P G M T R D D L F K I N A G I V R D L T K G I A E F A A I V I V T A G A A Q K P G E T R L D L V K I F K S I I P Q I A A V N Q D S D M V V I T A G A K Q K P G E T R L D L V K I F K S I I P Q I A A V N Q D S D M V V I T A G A K Q K P G E T R L D L V K I F K S I I P K I V Q S Q A P E S D I V V L T S G A R K P G Q S R L D L A E T N A R I L A D L L I Q Q A P E S D I V V L T S G A R K P G Q S R L D L A E L M R K I T P Q I C D V A P D D S D V I I I T A G A K Q K P G G S R L D L A E L M R K I T P Q I C D V A P D D S D V I I I T A G A S Q K E G E T R L Q L L D R N V K I F E S I V G E V M F N A A L V V N C A G V A Q R D G E T R L Q L L D R N V K I F E S I V G E V M F N A A L V V N C A G V A Q R D G E T R L Q L L D R N V K I F E S I V G E V M F N A A L V V N S S G G A A R K A G M T R E D L L K G N A Q I G K D I K S Y C P D V A A L V V S S G G A R K A G M T R E D L L K G N A Q I G K D I K S Y C P D V A D L V L I S A G V A R K P G M T R E D L L K G N A Q I G K D I K S Y C P D V A D L V I T A G A S Q V G E S R L D L E N T N A S I V Y K L V E K A A Q V G E S R L S L V Q N N V N I F K H I V P K I A P D S K I V V I T A G A R Q V G E S R L S L V Q N N V N I F K H I V P K I A P D S K I V V I T A G A R Q V G E S R L S L V Q N N V N I F K H I V P K I A P D S K I V V I T A G A R Q V G E S R L S L V Q N N V N I I F K H I V P K I A P D S K I V V I T A G A R Q V G E S R L S L V Q N N V N I I F K H I V P K I A P D S K I V V I T A G A R Q V G E S R L S L V Q N N V N I I F K H I V P K I A P D S K I V V I T A G A S Q V G E S R L S L V Q N N V N I I F K H I V P K I	A A G A A <mark>C C C C</mark> G A A A S G K <mark>C Q C</mark> A
UniRef90_UP100026C6F46 UniRef90_UP100026C6F46 UniRef90_F7BRJ4 UniRef90_F2WQ20 UniRef90_C6KT25 UniRef90_RSTEN3 UniRef90_W4KHW3 UniRef90_UP1000366FF60 UniRef90_UP1000366FF60 UniRef90_F4RQE6 UniRef90_E7GA68 UniRef90_B7GA68 UniRef90_B7GA68 UniRef90_W7RJ87 UniRef90_M1URB5 UniRef90_W6QZ05 UniRef90_W6QZ05 UniRef90_W2RVT1 UniRef90_UP100036CF85A UniRef90_UP100036EFE24 UniRef90_UP100036EFE24 UniRef90_D5GA85 UniRef90_UP10003628738	CNL V L V P A G M P R K P G Q T R D D L F K I N A G I F N G I A K A C A K Y A D I I V I T A G V Q R K E G M T R D D L F Q N G K I M K S V A E S V K L H A K I I V I A A G A S Q E K G E T R L D L I D K N A R I F K N I I S E V N K N V K V V V I P A G V P R K P G M T R D D L F N T N A S I V R D L A S A I A R V A A D I V V L T A G A N V K P G Q K R M D I I A E A A S I T R E V V T S V M F D A D V V L I S A G V A R K P G M D R S D L F N I N A G I V R N L I E K V A V V A D L V V I P A G V P R K P G M D R S D L F N I N A G I V R N L I E K V A V V A D L V V I P A G V P R K P G M T R D D L F N I N A G I V R N L I E K V A V V A D L V V I P A G V P R K P G M T R D D L F N I N A G I V R D L A M V A H C P A S I V I I T A G V Q R K E G M S R E D L I G I N G K I I K S V A E S V K Q N A D V V V I P A G V P R K P G M T R D D L F K I N A G I V R D L A V Q Y S P N S A V C I I T A G V R Q R P G E S R D R N A A L F K G I I P P L V Q Y S P N A A V V I P A G V P R K P G M T R D D L F K T N A G I V Q G L I E A I A P D D S D I F L I T A G L R R K P D E S R L D L I N R N V A L F V Q I K A G M R K D A D V V I P A G V P R K P G M T R D D L F K T N A G I V Q G L I E A I A P D D S D I F L I T A G L R R K P D E S R L D L I N R N V A L F V Q I K A G M R K D A D V V I P A G L P R K P G M T R D D L F K I N A G I V R D L I T G V A R Y A D V V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M V E Q A P E A D V V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M V E Q A P E A D V V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M V E Q A P E A D V V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M V E Q A P E A D V V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M V E Q A P E A D V V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M V E Q A P E A D V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M V E Q A P E A D V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M W E Q A P E A D V F V T A G A K Q R P G G T R M L L A G A N A A L L E Q L M W E Q A P E A D V T T A G A K Q R P G G T	A G <mark>C C</mark> H S G <mark>C</mark> K G A A T T A A A <mark>C</mark> A
UniRef90_UPI00046732CA UniRef90_UPI0003640B51 UniRef90_K1WMA7 UniRef90_S0L1Y9 UniRef90_R1CB91 UniRef90_UPI000475747D UniRef90_UPI0002741C92 UniRef90_K4E1P3 UniRef90_E9CEI9 UniRef90_UPI00030FD065	S N V V V I C A G A R K P G M D R S D L F K F N A T V I Q N L V A A I C P N A E I A I I T A G A X Q R P D X S R V Q L M D R N V E I M R S M T A S L M D S A D I I V I P A G L P R K P G M T R D D L F N I N A G L V K A L I E V V A P K A D L I V I T A G A Q K E N E T R L D L V K R N A R T I K S I V Q S V H F N A S V V V I P A G V P R K P G M T R D D L F N T N A S I V Q T L V E G C A K Y A G V V I I A A G V A Q R P G E T R T D L L G R N A G V F R T V V A E I M R V S K I V V V T A G V H Q Q E G E S R L N L V Q R N V N V V K F I I V K Y T P D A E L V L I P A G V P R K P G M T R D D L F N T N A S I V R D L V I A C A K V S D L C I I T A G A R Q R E G E S R L D N V A L F K N L I P N L V K N S P N V D L V V I C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V E N V M F D C C A G A N Q K P G E T R L D L V G K N L N V F K T I V L E N V M F D C C C A C T C C C C C C C C C C C C C C	AGAG <mark>CCCC</mark> T

		130	140	150	160
UniRef90_F2WQ21	CILIISNE	VNSTVPI	AREVLKAKI	PKKLMGVTTL	D <mark>VC</mark> RAR
UniRef90_UPI00021A707A UniRef90_C1N248	MI NMI SN	VNSTVPI	AAEVLKAYI	KNRVIGSGTNL PKKLFGVTTL	DVVRAK
UniRef90_C7R3H3	VYVMVTN	VDVVTYA	ALKVSGLP	REQLEGSGTVL	DSSRLR
UniRef90_D6SLF7 UniRef90_O26290	I L L I A S N F	V D V L T Y V V V V D V M T Y V	ALRYSGEP	SRVFGLGNHL	DIMRFR
UniRef90_I7JB28	ILFMVTNF	VDVTTAV	ALKYSGFQ	RQVFGLGTHL	DSMRLK
UniRef90_UPI0002DFD17D UniRef90_UPI000314B393	I F L I A T N F V I L M I S N F	VDVLSYV MDTMTYL	I Q K V S G L P I A L K K S G L P I	K S Q V I G S G T I L K N Q I F G M G G A L	DIARFK DSARFK
UniRef90_F7UZ15		VDILTYV	ALKLSGMP	K N R V I G S G I N L O P K K L F G V T T L R E Q L F G S G T V L S S R V F G L G N H L O S R V F G L G T H L O S Q V I G S G T L L C N Q I F G M G G A L O N R V I G S G T V L N P K R I F G V T T L	DTARFK
UniRef90_B2W3T0 UniRef90_Q0QF47	NILIISNE MICIIANE	VNSTIPI	T A E V F K S K T A E V F K K <mark>H</mark> I	N P N K I F G V T T L	DVVRAS DVVRAN
UniRef90_U1GPN5	QGVIVANE	VDELTYT	AVKLSGLPI	NRVFGSGTVL	DTARLK
UniRef90_B9KGG0 UniRef90_K3WT76	LFIIVSNF MLLIIANF	VNSTVPI	<u> </u>	D N R V I G S G T V L N P K R L F G V T T L N P N K L F G V T T L E N R V F G S G T V L S K K L I A M A G V L D P K R L F G V T T L K P N Q L T S L A A L R H R V L G S G C N	DNARFK DVVRAN
UniRef90_D5EUY6 UniRef90_W5LXG1	H	A D V T A L T	ALIHS GLI	<pre>K P N Q L T S L A A L R H R V I G S G C N L</pre>	DSTRLQ DSARFR
UniRef90_V9H7P3	I F L V A T N	VDVLAYA	T WK F S GL P	A E R V I G S G T I L	D T A R L C
UniRef90_B8F5K4 UniRef90_X1FQ17	PTACVGNE	VNTTVAL	AAKKAG <u>V</u> Y [A E R V I G S G T I L O K R K L F G V T S L G N P V F G M A G I L	. D <u>V L</u> R S E . D T G R Y R
UniRef90_D3S075	KILVVTN	MDLMTYV	M W K E T G K P I A A K K A G V Y I A A E V A G V F I V A E V F K V F I	RNEVFGMGNML	LDSARLK
UniRef90_D2TX06 UniRef90_C4JPI7	PIGIITNF FVLIISNF	VNTTVPI	A A K K A G V Y I	ORNRL F G V T T L OPKKL F G V T T L	
UniRef90_F4P7E9	FLAVISN	V N S T V P I	VA EVE KVE	FRRIFGVTTL	DVVRAA
UniRef90_R4RUW4 UniRef90_R5LCD6	FHVVSSNF ILLIVTNF		I Q R M S G F P I A li f ii S G F P I	KNRVI GTGTSL KERVLGSGTVL	DSARLN DTSRLR
UniRef90_E0IGK3	DGLIVAN	VDVVTVM	VWKLS GLP I	RERVIGTGTSI	DSSR L K
UniRef90_Q03DZ7 UniRef90_R7F3A2	I F L V A A N F F H G V F T N F	PUDVMT YA	1 W	K E K V I G S G [S L P S K V I G S G T <u>S</u> L	DTARLR
UniRef90_B1QTR0 UniRef90_L8LRM7	I L L V V S N F		TYKLSGFPI	KERVI ASGTVL	DTSRIK
UniRef90_U1GAT6	FILVISNE	VNSTVPI	AAKQAGVFI	SHRVIGSGTVL NPKKLFGVTTL	
UniRef90_A8F6M1 UniRef90_H3RP62	I V I N V S N F	VDVLSYV	L W K E T K F N \	WRKVIGTGTIL SRVISSGTLL	. D T A R <u>F</u> R
UniRef90_F2N7L7	LLIVSN	VDVLTYA	VAEVFKVFI TQRMSGFPI ALELSGFPI TWKFSGFPI TYRYSGFPI TYKLTGFPI AKQAGVFI LWKETKFNV VQKISGFPI VYKKAKY VYKKAKY VWKISGLPI	GHVFGSGTV	DSARLK
UniRef90_F4RSF7 UniRef90_S6E264	H M L I I A N F N I L V I S N F	V N S T V P I	V YKKAG V YI V AFT KKKI	GHVFGSGTVL OPKRLFGVTTL NPHKLFGVTTL	_ D <u>V</u> V R A S _ D S I R A A
UniRef90_UPI000359475C	KMLIVSN	VDLLTYV	VWKUS GUP	TRVIGSGCNL	IDSARFR
UniRef90_F7NYE3 UniRef90_H9K913	PKGVITNF RIIVLG	NTAATI	A A K K A G T Y I	PKRLFGVTTL PIKNLTTLSML	_ D V I R A E _ N L N I V K
UniRef90_M2WEX3	VYVIVTN	CDPMAMV	AQEFSGLP	A N Q <u>V F</u> SS <u>G</u> TT L	_ D <u>TS</u> RL_R
UniRef90_M2UXR7 UniRef90_Q6CIK3	F V L I I S N F P N A V I S N F	VNSTVPI	A	D	. DVIRSS
UniRef90_A1Z9F8 UniRef90_UPI000365DBA5	IFILLISNE	' A DIVIM I Y AI	VIORII II NII I <mark>P</mark> I	(H R <mark>C</mark> F I I G <mark>C</mark> H II	DTVRFR DTARFT
UniRef90_S0Kl24	CLVI AAN		AWQTSNLP	(DTTRFR
UniRef90_F9EHN6 UniRef90_K1YRZ3	I F L L V A N F	V D V V T Y <mark>C</mark> V D V L T Y V	SRKITGLPI TYKISGEP	E N Q V F G S G T V L S N O V L G S G T V L	DTARMR DTSRLR
UniRef90_UPI0003ACA4A9	KMLIVSNF	V DI LITY L	VWKLSGLP	S N Q V F G S G T V L A T R V I G S G C N L C N R V I G S G T V L N P Q R L F G V T T L C E R V I G S G T V L R N K V I G S G T V L	DSARFR
UniRef90_R6DBA2 UniRef90_S8AW17	HGTVVSNF FILVISNF	V D I L T Y T	ALKISGFPI AAEVAGVFI	KNRIVIGSGIVL NPQRLFGVTTL	_ D <u>T S R L K</u> _ D V V R A E
UniRef90_UPI0003B34D57	ILLIVANE	VDVLTYA	ALKLSGFPI	KERVIGSGTVL	DSARFQ
UniRef90_B8DZQ2 UniRef90_UPI00047BB26A	IL IF IV L V IT N F		A WINILIO GILIF I		DSSRFA DTSRLR
UniRef90_R7EPM5 UniRef90_C0W0F5			FILIP C S CILID A	1	
UniRef90_F7YTY6	POSIVIN	γνρνιτήνΩ	LWKRLETDS	R N Q V F G S G T V L S A K V L G T G T I L S R Q V I G S G T I L K P S Q V S T L A A L D K R K L F G I T T L	DTARLR
UniRef90_D7WAV1 UniRef90_D4INH6	HVVVVFN	A DI T GI I	TWKFSGLPS	SRQIVIGSGTILL CPSQIVISTILAAI	DTARYR
UniRef90_Q65T37	PKACVGN	V N A M V A I	AAKKAGVY	KRKLFGITTL	DILRAE
UniRef90_C3J9T5 UniRef90_A0A011NFG9	HVVIIFNE CIAIITNE	VNTLIPI	AAK <u>K</u> AGVY	O K R K L F G V T T L	DVIRAE
UniRef90_H2Y5A0 UniRef90_UPI00026C6F46	I I I V V S N F V F V I V T N F	V D L M T Y V	AWKLSGFPI	N	DSARFR
UniRef90_F7BRJ4	NGLAVSRL	V D V L T Y V	AWKMSGFP	NRLIGSG <mark>C</mark> NL	DSSRFR
UniRef90_F2WQ20 UniRef90_C6KT25	PNAVVAVN FVICVSNE	ISVVPAMĀ	ELYKKKGLI FHKFSNI PI	NPKNI VGVTTL FKI <mark>C</mark> GMAGILI	DCVRAN
UniRef90_R5TEN3	FFLVATN	VDAMSYL	TWKYSNED	NPKNIVGVTTL HEKICGMAGIL YSRVIGTGTSL OPRRLFGVTTL RHRVIGTGTSTL ORKKLFGVTTL OKKKLFGVTTL OFKRLFGVTTL OPKRLFGVTTL	DIARLR
UniRef90_W4KHW3 UniRef90_UPI000366FF60	HILVISNE	V N S I V P I V D V V T Q I	vja Q K A G V Y [A A Q V S G L <mark>P</mark>)	DSARLK
UniRef90_C9PRA6	PKACVGN	VNTTVÃ	AAKKAĞVY	K R K L F GVT T L	DIIRSE
UniRef90_F4RQE6 UniRef90_E7GA68	AFIVISNE HLI <u>V</u> VSNE	V D V M T Y Y	V A K K A G V F L A Y K [S G L P /	ARQVIGSGTTL	
UniRef90_Q7RJ87 UniRef90_D8QFS7	FVICVTNF FVLVISNF	LDVMVNV	FHKYSNLP VTKKAGVV	Y E K <mark>I C</mark> G M A G [L	DTSRFR
UniRef90_M1URB5	LLVVSN	VDLLTHL	A WQMSGLP	RERVIGSGT <u>Y</u> L	DSSR <u>F</u> R
UniRef90_W6QZ05 UniRef90_W2RVT1	LLLIASNE YILVISNE	VDVLTFL	SWKLSGFPI	PSRVIGSGTVL NPKKIFGVTTI	D T A R L R
UniRef90_UPI00036CF85A	Į V Ē V VS N	V DI LIT QL	A G Q QL GL P	wa àV i GĽĠТ ML	DSTRFS
UniRef90_UPI00036EFE24 UniRef90_D5GA85	I L L I A T N F	V D V M T Q V V N S T V P I	ATRILIS GILI <mark>PI</mark> AAEII LIKAFI	-	D T A R F R D V V R A S
UniRef90_UPI0003628738	VYVLVTN	CDVLŤV	AQKLTGLP	TERVMS ŠĞTVL	DTSRLR
UniRef90_UPI00046732CA UniRef90_UPI0003640B51	CFCIITNF FAGVVTNF	V N S M V P V V D V L T Y V	A A K K A G V Y I A Y R <u>E S</u> G <mark>L P</mark> I	N P Q K L F G V T M L R E Q V I G S G T V I	עו R A E D S S R L R
UniRef90_K1WMA7	YILLIISNE	' V N S I V P I	A A E V L K A F I	JAKRILIF GIVIT TIL	LIDIV VIR A E
UniRef90_S0L1Y9 UniRef90_R1CB91	FLIASNE PDAIISNE	V D V L T H Y V N S T V P I	VKKLTGFP/ AAKKAGVYI	ANRVIGSGTSL KPAKL <mark>C</mark> GVT <u>T</u> L	DSARLR DV <mark>C</mark> RAN
UniRef90_UPI000475747D	PNAVASNE	VDIMTQU	X	A H R V I G S G T L L	
UniRef90_UPI0002741C92 UniRef90_K4E1P3	IIIVVSNF FIGVVSNF	V N S T V P I	I WKLS GLP I AAK <u>K</u> AGVF I	N F F GV T T L	DSARFH DLVRAR DSSRFR
UniRef90_E9CEI9	ILLVVSNF	VDITIWV	T WKLS GLP	SSRVIGSGTT	DSSRFR
UniRef90_UPI00030FD065	I F L V A T N F	VDLLTYA	IWHYSGLPI	\	DTARFR

	470
UniRef90_F2WQ21	S F V A K A K G H D V N K V N V P V V G G H A G T T L V P L L S Q A E P K V T F
UniRef90_UPI00021A707A UniRef90_C1N248	FLLSQRLNVAPTSCHGWII GEHGDTSVPVWSGVNVAGRDTFYAEKNGLETAKVDVPVVGGHAGITLLPLLSQATPKAEMYVLARECSVAVQNVHAYMV GEHGDSEFPLWSSATIGGVP
UniRef90_C7R3H3 UniRef90_D6SLF7	VILLISOVVNIVIDARNIVIHGV ILLIGEHGDSEIVIPIVIMSRIVINILIAGILIP
UniRef90_O26290	N Y M A R H F N V H V S E V H T R V I G Q H G P Y M V P L I S S T S I G G I P
UniRef90_I7JB28 UniRef90_UPI0002DFD17D	SLIARYFRVHVSEVHTRII GEHGESMVPLWSATTIG GFELAQEFGVSPWSVDAQII GEHGDSELAVWSQANIAGKPCYLSKALKANSNEIEGMVIGGHGDTTMIPLYSKATYKGIP
UniRef90_UPI000314B393 UniRef90_F7UZ15	FELAQEFGVSPWSVDAQII GEHGDSELAVWSQANIAGKP CYLSKALKANSNEIEGMVIGGHGDTTMIPLYSKATYKGIP YILGEHLGVDPRNVHARII GEHGDSEIAVWSTANVSGIP
UniRef90_B2W3T0	R F I S Q L K N T D P A N E N I T V I G G H S G A T I V P L L S Q S G H N L E G
UniRef90_Q0QF47 UniRef90_U1GPN5	RFISQLKNTDPANENITVIGGHSGATIVPLLSQSGHNLEGTFVAELKGLDPARVNVPVIGGHAGKTLIPLISQCTPKVDFYLLGEHLSVDSRSVHAFIIGEHGDSEIAAWSCANVSGNR
UniRef90_B9KGG0 UniRef90_K3WT76	YEVGKKLDIKTSYLDTKLI GFHNDSMVLVKSQSKVQNKA NFVAESQGWDPRTTNVKVIGGHAGTTLLPLLSQLKDAKFS
UniRef90_D5EUY6 UniRef90_W5LXG1	O O II IA O F F GIVIO O D KIVII N A Y I Y G G H G F Q M AIVIF A S K A II I ID G
UniRef90_V9H7P3 UniRef90_B8F5K4	Y L M G E R L N L H P S S C H G WV I G E H G D S S V P V W S G V N V A G V S N C L G K A F G V A P V S V D A H M I G E H G D S V I A A W S T A Y L A G V P T F V A E L K G K D V N D V K V P V I G G H S G V T L L P L L S Q A F
UniRef90_X1FQ17	A F L A N A L N V S P L D I Q A L L M G G H G D T M V P L P R Y T S L A G L P
UniRef90_D3S075 UniRef90_D2TX06	A F L A N A L N V S P L D I Q A L L M G G H G D T M V P L P R Y T S I A G I P E R L H S F G A R N I R K A W I I G E H G D S M F I P W S L A D F D G D V T F V A E L K G K K P Q E I E V T V I G G H S G V T I L P L L S Q I P T V N F T
UniRef90_C4JPI7 UniRef90_F4P7E9	TFTKEFSGQKDPSKTVIPVIGGHSGTIVPMFSQAKPAFNISFVSEIAGTAAASTNVAVIGGHSGATLLPLLSALPHQFTDVILAEKLDVPVSEIDAH IMGEHGDTSFAAFDEATVNGQP
UniRef90_R4RUW4 UniRef90_R5LCD6	VILAEKLDVPVSEDDAH IMGEHGDTSFAAFDEATVNGQP YLLSKKLEVDSKNIHAFLIGEHGDSELAVWSNADISGOH
UniRef90_E0IGK3	TLLSEYLPIDPRSVRGY VLGEHGDSQFPAWSHVTVGGKP
UniRef90_Q03DZ7 UniRef90_R7F3A2	VAL GKKFNVSPDSVDAY I MGEHGDSEFAAYSTASI GTKP YL I SEKI DVSPKNVHAYVV GEHGDSEFVPWSNATI GLQN
UniRef90_B1QTR0 UniRef90_L8LRM7	YLISEKIDVSPKNVHAYVVGEHGDSEFVPWSNATIGLQNYVIGKYLNVNNNVHAYVLGEHGDSEVVSWSTASIAGETALIGQKLGIDARSVHAYIIGEHGDSEVPVWSTANVAGVM
UniRef90_U1GAT6 UniRef90_A8F6M1	T F V Q D I T G E R D P S K T V I P V I G G H S G T I V P L F S Q A K P T V E I A L V A K Q C G V S P M S V H A Y L I G E H G D S E L L V W S N A T I G G V S V A L A K E F N V S P A D V S A N V L G E H G D S E F A A Y S S A S I G G K N
UniRef90_H3RP62 UniRef90_F2N7L7	VALAKEFNIVSPADVSANDVLGEHGDSEFAAYSSASII GGKN TMLSERLGVDARNVHAYII I GEHGDSELAVWSSANVSGVS
UniRef90_F4RSF7	TMLSERLGVDARNVHAYII GEHGDSELAVWSSANVSGVSAFLSSIAGSSPEKTRVQVVGGHSGVTICPLLSQLSEGKGVRFISEVEGTDPTTEHVNVVGGHSGITIVPLISQTKYKTMD
UniRef90_S6E264 UniRef90_UPI000359475C	YLIGEKLGVHPTS <mark>CHG</mark> W_VLGEHGDS <u>SG</u> ECD
UniRef90_F7NYE3 UniRef90_H9K913	YLIGEKLGVHPTSCHGW VLGEHGDSSGECD TFVAELKGKNPAELIVPVIGGHSGTTILPLLSQIKDVSFT NQIAAQANCLPTEVKNIIIWGSNGSYCFPDCRYLYLTNGK
UniRef90_M2WEX3 UniRef90_M2UXR7	WLLADRADVSRTSVHAHIV GEHGDSEFALWSTASIGTVPTFVAEIIGKNPGNLNIPVIGGHSGETIVPLFSHAKPSVNIRFISELRNTDPTTERVTVVGGHSGITLLPLISQTKHKSML
UniRef90_Q6CIK3	R F Í S E Í R N T D P T T E R V T V V G G H S G T T Í L P L T S Q T K H K S M I N L I A N R L R L P P S Q V H G Y V I G E H G A S A V P V W S S V S I A G L R
UniRef90_A1Z9F8 UniRef90_UPI000365DBA5	N F V A E E L N V P V S S V T T L T L G S H G D T M V P V P S A S S V D G T P
UniRef90_S0KI24 UniRef90_F9EHN6	K E L A L K L N L D P R S V H G Y L T G E H G D S E V A V W S H T T V G A K P Y L V S L E T G T A T Q N I H G Y L I A G E H G D S E V A L W S S T E I G G V P
UniRef90_K1YRZ3 UniRef90_UPI0003ACA4A9	YLVSLETGTATQNIHGY I AGEHGDSEVALWSSTEIGGVPFLISQHFGINAKNIHAYII GEHGDTEFPVWSNAQIGSCSYLIGEKLGVHPTSCHGWII GEHGDSSVPLWSGVNVAGKT
UniRef90_R6DBA2 UniRef90_S8AW17	HELGKHLSVDSRSTHAFII GEHGDSEIAAFSSANVSGTP TFTQEFSGLSPSKATVPVIGGHSGETLVPLFSKVSPDFKI QMLGEHLDVDSRSV NAFIIGEHGDSEIAAWSSANTAGVP
UniRef90_UPI0003B34D57	
UniRef90_UPI00047BB26A	WMV GRRUNI SQRNV HVTI AGEHGDTEFPLWSSATI GEVP
UniRef90_R7EPM5 UniRef90_C0W0F5	WMV GRRLNI S QRNV HVTI A GEHGDTEFPLWSSATI GEVPARLSEFYTI NQQNVHAY VFGEHGDSSFI PWSLANI SNVPYL VSKHTGVATQNI HAY I A GEHGDSEVALWSSAVI GNVPSLI GINCQVSPVSVHAYVI GEHGDSEVVAWSAATI GGVKHSL GEYFGI SSNSVHAYVI GEHGDTELPVI SAGSAAGVS
UniRef90_F7YTY6 UniRef90_D7WAV1	S L
UniRef90_D4INH6 UniRef90_Q65T37	T FILA ELIK GILID P T RIVIT I PIVI G G H S GIVIT I LIPIL LIS QIVIQ NIVIE WS
UniRef90_C3J9T5 UniRef90_A0A011NFG9	SELAKHFGVLQSKVT <mark>CC</mark> RTYGGHGESMAVFASTASVEGTP TFVAETKGENVKYVKVPVVGGHSAPTILPLLSQATANGLK
UniRef90_H2Y5A0 UniRef90_UPI00026C6F46	T F V A E T K G E N V K Y V K V P V V G G H S A P T I L P L L S Q A T A N G L K H I I A S R L S V S P S S I H A C I V G E H G D S S V P L W S S V S V S G R S W E I A R R T G V A P T S V H A Q I V G E H G D T E F P L W S A A R I H S V P
UniRef90_F7BRJ4	Y L G E R L G L H S A S C H G W V L G E H G D S S V P V W S G V N V A G V S
UniRef90_F2WQ20 UniRef90_C6KT25	YLLGERLGLHSASCHGW VLGEHGDSSVPVWSGVNVAGVSKFVAELTGADPDDVELPVIGGHAGVTIMPVFSQDKHGSKISLIADKLKVSAEDV NAVILGGHGDLMVPLQRYTSVNGVP
UniRef90_R5TEN3 UniRef90_W4KHW3	Y MI GESVSVNSKNVHAYVI GEHGDSEFVLWSNANIGLQNRFLGEVASTDPSDSVVTVVGGHSGATIVPLLSQSAYGKAVTLLADVFQVDPRSVHGYAM GEHGESQFVAWSHVTLGGKP
UniRef90_UPI000366FF60 UniRef90_C9PRA6	TIL LIA DIVIF QIVID PRSIVIH GYAM GEHGESQFVAWSHVT I GGKPTFVIS ELKNILDPIRTI VPIVI GGHSGVT I I PILIS OVQYVIF WK
UniRef90_F4RQE6 UniRef90_E7GA68	T F V S E L K N L D P L R T L V P V I G G H S G V T I L P L L S Q V Q Y V E W K A F T A E V A G Q P A H Q Y K V P V I G G H H T I L P L L S Q S S P S L P S S L Y F I A Q K I D V D P R S V H A L V I G E H G D S E M L P W S T V R I G L Y S
UniRef90_Q7RJ87	Y L L G E K L NVS P E N L NAI I L G G X G D L MM P L P R Y C S L S G L P
UniRef90_D8QFS7 UniRef90_M1URB5	TLLAQRLGIDTASVQAM VLGEHGDSSFVYRSGITVGGVP
UniRef90_W6QZ05 UniRef90_W2RVT1	T F V G E L S G A K P A K T T L P V V G G H S G S T L V P L F S Q A K P A V D L
UniRef90_UPI00036CF85A UniRef90_UPI00036EFE24	S L A E A L K V A P T Q V K A L T L G E H G D S M V P I W S S A S I N G P A L G E Y L G V S P Q S V H A Y V L G E H G D S E V L I W S E A R V G G V S
UniRef90_D5GA85 UniRef90_UPI0003628738	T F V A E T G K D S R N I V V P V V G G H S G D T T V P L L S L A K P P V S I W L L A E E G G V S T T S V H A T I V G E H G D T F F P I W S N A N I G O I P
UniRef90_UPI00046732CA UniRef90_UPI0003640B51	T F V A N S Q G R A A G T I R V N V I G G H S G K T L P V M S Q V G G F E F T T F I G R H G K I N P O N I H G V V I G G H G D T S F P A W S N V T F G G V I
UniRef90_K1WMA7	Y F I A Q K I D V D P R S V H A L V I G E H G D S E M P W S T V R I G I Y S Y L L G E K L N V S P E N I N A I I L G G X G D L M M P L P R Y C S I S G I P T F V A E K L G S K A S S V T V P V V G G H S G V T I V P L F S Q A S H P L P A T L L A Q R L G I D T A S V Q A M V L G E H G D S S F V Y R S G I T V G G V P D T L G R R L D V D P S N I H A D V V G E H G D S E L P V W S R A N I S G I P T F V G E I S G A K P A K T T I P V V G G H S G S T I V P L F S Q A K P A V D I S L I A E A L K V A P T Q V K A L T L G E H G D S E V L I W S E A R V G G V S T F V A E I T G K D S R N I V V P V V G G H S G D T I V P L L S L A K P P V S I W L A E E G G V S T T S V H A T I V G E H G D T E F P L W S N A N I G Q I P T F V A N S Q G R A A G T I R V N V I G G H S G K T I L P V M S Q V G G F E F T T F L G R H C V G N P Q N I H G Y V I G E H G D T S F P A W S N V T F G G V H T F V A E I V G K N P Q N I H G Y V I G E H G D T S F P A W S N V T F G G V H T F V A E I V G K N P Q N I T I V V G G H S G E T I V P L F S Q L S S K I P E S A I G E K F Q II D P R D V N I Y I L G E H G D T Q F P V W S H G N I G K I S
UniRef90_S0L1Y9 UniRef90_R1CB91	S A I G E K F Q I D P Q N L I P V V G G H S G E T V P L F S Q L S S K P E S A I G E K F Q I D P Q N L I P V V G G H G D T Q F P V WS H G N I G K I S T F L A E K L G C S P K D I D V T V I G G H A G I T I L P L L S Q V P G A S S L S L L G A H L R V S P R S L H A Y V L G E H G D S Q V L A W S G A R V G T V P Y L M A K K L G I H P S S C H G W I L G E H G D S S V A V W S G V N V A S V S T F V A E A G G K S P Y D V H V P V V G G H S G P T I V P L L S Q S G V E L S D V L A E K L G I A P R S V H A N I I G E H G D S S V P V W S G V H V A G V P Y L L G D Y F K I A P K N V H A Y I I G E H G D S E L P V Y S S A D V G G I S
UniRef90_UPI000475747D UniRef90_UPI0002741C92	S L G A H R V S P R S H A Y V L G E H G D S Q V L A W S G A R V G T V P Y L M A K K L G L P S S C H G W I L G E H G D S S V A V W S G V N V A S V S V A V W S G V N V A S V S V A V W S G V N V A S V S V A V W S G M V M S V S V A V W S G M V M S V S V A V W S V A V V A V V A V V
UniRef90_K4E1P3 UniRef90_E9CEI9	T F V A E A G G K S P Y D V H V P V V G G H S G P T I V P L L S Q S G V E L S D V L L A E K L G L A P R S V H A N L L G F H G D S S V P V W S G V H V A G V P
UniRef90 UPI00030FD065	YLLGDYFKII APKNVHAYII I GEHGDSELPVYSSADVGGIS

UniRef90_F2WQ21	Z10 Z20 Z30 Z40 T D A E R D A L T H R L A F G G D E V V K A K D G A G S A T L S M G Y T G A
UniRef90_UPI00021A707A UniRef90_C1N248	LNENVGTDKDTENWGELHKQVVDSAYEVIKLKGYTSWALG DAATIEALTKRTQDGGTEVVAAKAGKG SATLSMAYAGA
UniRef90_C7R3H3 UniRef90_D6SLF7	DAATLEALTKRTQDGGTEVVAAKAGKG SATLSMAYAGA LLEWPGIDGSEARREQIADEVVSSAYRIIEGKGATNYAVG LSEYCMMCGELVDSQKKEIESDVRNAAVIQKKDSTYYALG
UniRef90_O26290	E
UniRef90_I7JB28 UniRef90_UPI0002DFD17D	ILIY Q AILIK D N P D K Q H RILID FILIF M N T R D A A DIL LIQ S K G A T Y Y GILI
UniRef90_UPI000314B393	V T E L L S K E E V E K V V A D T M V G G A T L T K L L G T S A W Y A P G V N D F C E L R G H F Q H D E A M R R L V K N S A Y E L L A K K K A T Y Y G L A
UniRef90_F7UZ15 UniRef90_B2W3T0	E OII IK O YIVI <mark>H</mark> RIVIO E G G D EIV VIO A K D G A G S A T II IS M A M A G A
UniRef90_Q0QF47 UniRef90_U1GPN5	PQDQLTALIGRIQEAGTEVVKAKAGAG SATLSMAYSGA FCDMRGFHEHEDSMRRIAEEVKNSAYEIJEKKKATYYGVA
UniRef90_B9KGG0	ILINKIVLINECDILITQII IEQE VIKTGGAKII I IKYILIKTSAYILIAPA
UniRef90_K3WT76 UniRef90_D5EUY6	DEQLAALTHRIQFGGDEVVKAKDGAG SATLSMAYA KPLSELPLSDERWAELKHMTTQGGSNLIKLRGRSSFQSPA
UniRef90_W5LXG1 UniRef90_V9H7P3	L Q T L N P T D K D Q E N W K E V H K Q V V D S A Y E V I K L K G Y T S W A I G L K D A L D N L G N G A E R M A E I H A N V R D A A Y S I I E G K G A T Y Y G I E E D K I D F T A E E V A A L T K R L Q N A G T E V K A G G G S A T L S M A
UniRef90_B8F5K4 UniRef90_X1FQ17	E E D K I D F T A E E V A A L T K R I Q N A G T E V K A G G G S A T L S M A L T E L L G S E E I E K I V E R T A K G G G E I V K L L G T S
UniRef90_D3S075	PREKII LIEEIVIRFIVI AAEIVI KRKGATIVIYGPA
UniRef90_D2TX06 UniRef90_C4JPI7	E Q E A E E L T K R I Q N A G T E V V E A K A G G G S A T L S M G P A D K Y D A L I H R V Q F G G D E V V Q A K N G A G S A T L S M A Y A G Y
UniRef90_F4P7E9 UniRef90_R4RUW4	A Q R D A L V Q R L Q F G G D E V V K A K N G A G S A T L S M A Y A G A R F V N L K E V A N F T P A N Y A G I E E M V K E R G G K I I A R K G A T F Y G V A
UniRef90_R5LCD6	II I F D Y CIL I I G S C DII INII I F FIL I I D FIVIR N S A Y KIL I I F K K G S T Y Y GIVIA
UniRef90_E0IGK3 UniRef90_Q03DZ7	I L D I L A Q H P Q R F S Q D D I A A K T R N A G W E I L Q R K G A T Y Y G I A L L D I A K E E G V S T D E A E I E D S V R N K A Y E I I N K K G A T F Y G V G
UniRef90_R7F3A2 UniRef90_B1QTR0	I QNFLSAKEMDA A DEVKNA A YEI I KRKGATYYGI GFDEYAKKFNLEWDEELKEKDVVNAAYEI I NRKGATYFAI GNQDWDDLSQDYRQELEDLFSQVKNAAELI QRKGYTSYALG
UniRef90_L8LRM7	NQDWDDLSQDYRQELEDLFSQVKNAAELIQRKGYTSYALG
UniRef90_U1GAT6 UniRef90_A8F6M1	PQDKYDDLVHRVQFGGDEVVKAKDGAG SATLSMAYAGFIKRFCQFCTNKNCTPLESLFEQTKNAAIIEKKGATNLAIGLLKIAEEQNISIERLEIENETRHKAYEIINRKGATYYGVA
UniRef90_H3RP62 UniRef90_F2N7L7	L L K A E E Q N S E R L E E N E T R H K A Y E I N R K G A T Y Y G V A L T D F C D M G H R D H E R E I A E Q V K N A A Y E I E K K K A T Y Y G V A
UniRef90_F4RSF7 UniRef90_S6E264	LTDFCDMLGHRDHEREI AEQVKNAAYEI IEKKKATYYGVA TGEAYKALVKRIQFGGDEVVQAKDGSGSATLSMAYAAAI F KTTREALIHRIQFGGDEVVXKAKDGAGSATLSMAQAGATF
UniRef90_UPI000359475C	<u></u> <u>L_V</u> TVGYE <u>VL</u> RLKGYTS <u>W</u> A[_G
UniRef90_F7NYE3 UniRef90_H9K913	DEEVS SLITY RIQNAGTEV VEAKAGG GSATLS MG PLKDSIKI WIYNDIPRI IRS TYNRACLIN SIA
UniRef90_M2WEX3 UniRef90_M2UXR7	LEWTQKVFTRESLDALTDEVRGAAYKVIQGKGATNYALG PADKMEALVKRVQFGGDEVVQAKDGAG SATLSMAYAGY QGETLDKLVHRIQFGGDEVVQAKNGA GSATLSMA
UniRef90_Q6CIK3	QGETÜDKL VHRÜQFGGDEV VQAKNGA GSATÜSMA
UniRef90_A1Z9F8 UniRef90_UPI000365DBA5	L N D N L A CGD D P E N WA K I N K Q V T T G G L A V A K T K G Y T N W L T E A L P A E K V E E L V T R T R N G G A E V V A L L K T G S A Y Y A P I L E L V V N N Q Y L T V D D L D E L A E K V K N A A I I D R K Q A T Y Y G I G
UniRef90_S0KI24 UniRef90_F9EHN6	IL LE LEVIN N Q Y LE LIVID D'LE DE LEA EKVK N A ALL LORK Q A LYYGI G
UniRef90_K1YRZ3 UniRef90_UPI0003ACA4A9	NKNSKPYKETETELKSTHEDVKNSAYKIIAAKGSTYYAIA LDPKLGTDSDTGQWKNIHRQVVGSAYEIIKLKGYTSWAIG
UniRef90_R6DBA2	IVIN E F C E IL IR H H E K S T R E II IA E K IVIK N S A Y E II I IE K K H A T Y Y G II IA
UniRef90_S8AW17 UniRef90_UPI0003B34D57	PADRYDALVNRVQFGGDEVVKAKDGAG SATLSMAFAGF I HRVCEMRGFTDHDYETHRAVKNSAYEI I EKKGATYYGI G
UniRef90_B8DZQ2 UniRef90_UPI00047BB26A	L S E F C P V C G K R C F E D N V K E A L T K E A Y K I I E Y K G A T Y Y A I G L R Q W S V K I F T D S Y L T E L A H E A A T A A Y R I I D G K G S T N Y A I G
UniRef90_R7EPM5	IVID F Y R AIVIA C PIV I ID H A AIVIF D YIVIR K S G A RIV I IQ R K G A T F Y AIVIS
UniRef90_C0W0F5 UniRef90_F7YTY6	L R H WGLTVDGRLFDAELRDQLAEEAYKIIDGKGATDKAIGIKEFCNCCDRKNCLGLEKLEEEVRNAAIIKRKGATNYAIALREREEDDNASNEMDTIFEETRDAAYNIIRAKGSTSFGLG
UniRef90_D7WAV1 UniRef90_D4INH6	ILISEILLIGKEMPEGDWADILIOORIVLIOGGKILLIDII IRGRSSEOSPA
UniRef90_Q65T37 UniRef90_C3J9T5	SEEEI TALTHRIQNAGTEVVEAKAG GGSATUSMA SLIGTEKLSHEEWAALKERVVKGGANLIKLRGRSSFQSPS
UniRef90_A0A011NFG9	II I F F T Q F F IVIF R II I T H R II I Q N A G T F IV V I F A K A G G G G S A T II I S M A
UniRef90_H2Y5A0 UniRef90_UPI00026C6F46	I E P K I G Q P D G P K G W D T V H K Q V V D G A Y D V I R L K G Y T N W A I G I L E W R A E D G A Q R F T L E E L D R I A V D A Y K V I Q G K G A T N Y A I G
UniRef90_F7BRJ4 UniRef90_F2WQ20	II IK GII IY P F D A D K F R WR DIVI <mark>H</mark> K FIV VID <mark>C</mark> A Y FIV I IR A K G Y T <mark>C</mark> WAII IG
UniRef90_C6KT25 UniRef90_R5TEN3	PAKDI PALDKHÜQDAGTDVVNAKNGKGSATLSMAFAGARL LSEFVKKNMLQNELQELIQKTRNMGAELIKLAKASAAFAP MRDFLSK SQMNELENSVRNAAYDLIDKKGNTCYGLG
UniRef90_W4KHW3	MRDFLSK SQMNELENSVRNAAYDLIDKKGNTCYGLG TGDAYAKIVHRIQFGGDEVVQAKDGAGSATLSMAYAGAKF LVDEHKLRFPDLDLQDLARKTKDAGWELFTRKGSTQFGLG
UniRef90_UPI000366FF60 UniRef90_C9PRA6	EEELAPLTKRI QNAGTEVVEAKAGG GSATLSMA
UniRef90_F4RQE6 UniRef90_E7GA68	E E E LA PLIT K RI Q N A G T E V V E A K A G G G S A T L S M A L S D E T K L K E L I N R I Q F G G D E V V E A K E G K G S A T L S M A Y A G F V V R D N E A R I G K D P Y D E M K A E T L K A G WE I F N R K G N T C Y G L A
UniRef90_Q7RJ87	LLDY KNHDMKD XD TEKTRNMG GELIKLAKSSALFAPA
UniRef90_D8QFS7 UniRef90_M1URB5	L L D Y I K N H D M K D I X D I I E K T R N M G G E I K L A K S S A I F A P A G L A K D E F D A L V K R V Q F G G D E V V Q A K A G T G S A T L S M A Y A G A L R T C F E R M T D A A S A S T A F Y D L V K G A Y E V I K L K G Y T N WA I G
UniRef90_W6QZ05 UniRef90_W2RVT1	LAEFSQQAGQDAKDLMKQSFQDTRNAALIKLKGMTDYGLS PADKLDALVNRVQFGGDEVVKAKDGAG SATLSMAYAGF
UniRef90_UPI00036CF85A UniRef90_UPI00036EFE24	LTEYPG CGPGFQNQIFTRTRGSGAEVIKRKGGAGYAVG
UniRef90_D5GA85	VFD FAKQINRPITEEVRKQIDDGAYRIIEGKGATYFGIG PEDRLAGLVNRIQFGGDEVVKAKDGAG SATLSMAFAGF LRDWTVEPFTDERLDEITHRTINAAYTVIQGKGATNYAIG
UniRef90_UPI0003628738 UniRef90_UPI00046732CA	DEEAAQLVRHIQDAGTEVVEAKAGNGSATLAMAAAAYRFV
UniRef90_UPI0003640B51 UniRef90_K1WMA7	V G E F C P G C P G G C X X D E A T E Y V R Q A A Q Q I I K A K G S T Y Y A V A E K L A A L V K R V Q F G G D F V V A A K D G A G S A T I S M A Y A G Y
UniRef90_S0L1Y9	DEEAAQL VR HIQDAGTEV VEAKAGNGSATLAMAAAAY R FV VGEF CPGCPGGCXXDEATEYVRQAAQQIIKAKGSTYYAVA EKLAALVKRVQFGGDEVVAAKDGAG SATLSMAYAGY EWLNQHPEFSDSDLIELSENVKNAAYEIIHYKGSTHYGIA PADVLDALTVRIQFGGDEVVKAKAGSG SATLSMAYAGY FGEQVSAPLTEEVRAKIDSETRNAAYTIIKGKGSTYYGIG
UniRef90_R1CB91 UniRef90_UPI000475747D	F G E QVS A PILTEEVRA KILDS E TRN A A Y TILIK GK G S T Y Y GILG
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UniRef90_UPI00021A707A	
UniRef90_C1N248 UniRef90_C7R3H3	V F A D S C L R A K N G E A G V V E C T Y V E S N V T D A R F F A S L A G S R I I E A V L N D E H R V L P V S T E L R D Y Y G V S D V C L S V L A L V R I T Q A I L M N Q Q S V L T V G T L V N G E Y G I K D V C L S L F A I S N I V T T I L N D E R R I L T V S T L M E G E I D G I R D V C L G V E A L A T L V R T I L G D E N R I L T V S S Y I T S E V H G I G D V C I G V P A M Q L V R S T L R D C K N Q N V V L T V S S Y L E G E Y C O N D I Y I G V
UniRef90 D6SLF7	LALVRITQAILMNQQSVLTVGTLV NGEYGIKDVCLSL
UniRef90_O26290	FAISNIVITI LNDERRI LTVSTLM EGEIDGIRDVCLGV
UniRef90_I7JB28	EALATL VRTI LGDENRI LTVSSYITS EVHGI GDVCI GVP
UniRef90_UPI0002DFD17D UniRef90_UPI000314B393	A M G L V R I T Q A I L K N Q N V V L P V S S Y L E G E Y N Q N D I Y I G V A A A A Y V V E S I I R D Q K K V V P S C T Y L E G E Y G Q N D I C I G V
UniRef90_F7UZ15	MSVKRI <mark>C</mark> EÁLIRDEK <u>PILPVSNY</u> QHGIHGLSEVV <u>IS</u> MP
UniRef90_B2W3T0	R F A E S L L K A A Q G Q K N V I E P T S P L F K D Q G C D Y F S T N V E L G P
UniRef90_Q0QF47 UniRef90_U1GPN5	RFVFS LLDAMNGKEGVVECSFVKSKE TECTYFST MAVRRICQAISRDEKSILPVSTI QHGTFGIEGVALSMP SACVRMIEAL KSGEFLPLCAILDGEYGIKEKAFGVM
UniRef90_B9KGG0	S A CVR MI E AL KSGEFLPLC ALLDGEYGIKEKAF GVM
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UniRef90_D5EUY6 UniRef90_W5LXG1	MSIVIADIL VIETILIMK NILIRKIVI <mark>H P</mark> IVISTIL VI — K G MH GILIK D EIVIETLISIVI
UniRef90_V9H7P3	AMGLARITOAILRNONVVLTVŠALINGKYNQEDVYLGV QAAARFARSVLKGLTGEQVVEYAYVEGNGEYAR FFAQ
UniRef90_B8F5K4 UniRef90_X1FQ17	QAAARFARS <u>VL</u> KG <u>L</u> II GEQ <u>VV</u> EYAY <u>V</u> EGNGEYAR FFAQ
UniRef90 D3S075	VSIYRMVNAVVNDTKEEIPTSVVL QGEYGISDVAVGVP
UniRef90_D2TX06	QAAAR <u>FG L S L L </u> NGKEN II E <mark>C</mark> AY V E <u>S</u> DG <u>E</u> Y <u>AR</u> FFAQ
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UniRef90_R4RUW4	KCLAYIVKAILI ENRNVILIPISAPLNGEYGVS DLYLGV
UniRef90_R5LCD6	MAIVIK RII IA (JAIL LIR DE Y SILLIPIVIS — FEILIN (JE Y (JILIN DIVI <mark>C.</mark> LICILIP
UniRef90_E0IGK3 UniRef90_Q03DZ7	NAIAHI VRSML NDDYNI TAVSAVL EGEYGEREV CAGV TALMRI SKAI LRDENAVLPVGAYM DGEYGL NDI YI GT MCLVRI TNAI LGDENTI I TVST YDKDNDVYVGL
UniRef90_R7F3A2	MCL VRI TNAI LGDENTI I TVST YDKDNDVYVGL
UniRef90_B1QTR0 UniRef90_L8LRM7	LATTRI VEAI LRDENTI LTVSSFM EGQYDIDDVYLAVP LTVTDI VKAIMRSQERVLTVSSLV QGFYGIENI CLSL
UniRef90_U1GAT6	RFAERLLKASKGESGLVEPTFVYLPGDGGDALAKETYFSV
UniRef90_A8F6M1	TATAAL VESTYRDEKRVWTVSVF
UniRef90_H3RP62 UniRef90_F2N7L7	LATTRI VEAL LRDENTI LTVSSFM EGQYDI DDVYLVSL LTVTDI VKALMRSQERVLTVSSLV QGFYGIENL CLSL RFAERL LKASKGESGI VEPTFVYLPGDGGDALAKETYFSV TATAAL VESI YRDEKRVWTVSVF QDNLYI GF TALMRI TKAI LRNENAVLPVGAYV NGEYGVHDLYLGT MAVKRI CTAVMRDERHLLPI SSLWV GEYDLNDI AI SMP
UniRef90_F4RSF7	MAVIKRI CIAVIMR DERHILPISSIL MV GEYDLNDI AISMPASILKALGGAKGI VEPTFVRSHLYESEGVEYFASNVELGPANA VLSGLGGERDVI ASSYV DSPLYKSEGVEFSPLSVTDLARSI LKNLRRVHPVSTLV KGLYEIKEELFLSI QAAARFCVSLVKGLQGETVNEYAYVEGQGEHAR FFAQYALAEHCKI LWNGTPENEWTSMGVLSDLSYSI QSGIFFSFLSSARI VEAVLGAQNAVLNVAPVLSD
UniRef90_S6E264	ANA VLISGILIGGERDVI ASSYV DSPLYKSEGVEFSP
UniRef90_UPI000359475C UniRef90_F7NYE3	LIS VIT DLIA R S I LIK N LI R R V H P V S T L V K G LI Y E I K E E I F L S I O A A A R E C V S I V K G I O G E T V N E Y A Y V E G O G E H A R F E A O
UniRef90_H9K913	YALAEHCKILWNGTPENEWTSMGVLSDLSYSLQSGIFFSF
UniRef90_M2WEX3	LISSARII VIEAVLIGAQNAVLINVAPVLISD FQGIIDGVALISV RFAEKVIKAAKGE KGI VIEPSYVYILPGGGDAIIAKATFFSV
UniRef90_M2UXR7 UniRef90_Q6CIK3	KI A L KUTIK A A KOL L KOL VIL JO JULI KA TI I SU
UniRef90_A1Z9F8	A LALT CADL V Q A MS G G K G K I A C V G T D G L N G I Q D N V V L S L
UniRef90_UPI000365DBA5 UniRef90_S0KI24	SAAAARMAKAIVIHEDSGEIVLIPIVICAWIVI DGEYNORDIJETGIVIP
UniRef90_F9EHN6	E A G A R F A N S V L A G F E G E R D V V E S T F V D S P L Y K S E G I F F A S A I A L T C A D L V Q A M S G G K G K I A C V G T D G L N G I Q D N V V L S L S A A A R M A K A V H E D S G E V L P V C A W V D G E Y G I S G V Y L G V T L S T A R I V K A I L N N E Q A I L P V S A Y L D G E Y N Q R D I F T G V P L A V Q R I I G A I L N D E Q R V L T V S P L L D N W H G I S D V C M S V L S I C S I I K A I V R N E Q T I M P V S T F I D D Y Y G V K D I Y L S L L S V T D L V G S I L K N L R R V H P V S T M V M L L G L Y G I K E E I F L S L M A V K R I C E A I L R D E K S I L P V S S Y M D G A Y G I H D V V L S M P R F A E A V I K A S K G E K G V V E P T F V Y L P G G G D E I V K A T F F S T M S V T R I C E A I I R N E L S I L P V S T L M C G Q F G L E D I C L S M L A L V N I V E A I A R D E N R I L P V S T L M C G Q Y G I H D V A L S L I A V C H I C R A I L S G I D T T M T V S S L L D G D Y G I S G V C L S L I A V C H I C R A I L S G I D T T M T V S S L L D G D Y G I S G V C L S L I
UniRef90_K1YRZ3 UniRef90_UPI0003ACA4A9	L S C S
UniRef90_R6DBA2	MAVKRICE ALLRDEKSILPVSSYM DGAYGIHDVVLSMP
UniRef90_S8AW17	RFAEAVIKASKGE KGVVEPTFVYLPGGGDELVKATFFST
UniRef90_UPI0003B34D57 UniRef90_B8DZQ2	MSVIKI CEAI IKNELISI LPVSIVIH PELEGE KDI PUSI
UniRef90_UPI00047BB26A	I A GARL VE ALLAPARSILPLSTVL DGQYGIHD VALSL
UniRef90_R7EPM5 UniRef90_C0W0F5	I A V C H I C R A I L S G I D T T M T V S S L L D G D Y G I S G V C L S L I L A A S S L A G A I L R D E N R V L S V C S L L E D W N G I S D V V M A A
UniRef90_F7YTY6	LAASSI AGAI LRDENR VLSVCSLLEDWNGISDVVMAA QATANFVESI LKDEQRVWTPSVLY GGLARITKAVFH NEDVVLPVSALLEGEYGENDIYIGT YISISMIAAAMGGKPFTYPAGVFVHNDEFKHI LMAME
UniRef90_D7WAV1	G G L A R T K A V F H N E D V V L P V S A L L E G E Y G E N D I Y L G T
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UniRef90_C3J9T5	YVAVE MLA A A M G G E P F T L P S G C Y V S H A D Y G KVM M A M E
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UniRef90_UPI00026C6F46	LSSARIVE ALLKDENAVLINVSTVL EDFHGIDGVALSV
UniRef90_F7BRJ4	F S V A D L A E S V M K N L R R V H P I S T M L S K G L Y G L Q D E V F L S V
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UniRef90_W4KHW3	A HAIL LIR GILIS EK GIV VIT PT FIVIQS PILIFA DQGIIDFFSSNIVELIGIV
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UniRef90_F4RQE6	RFADSLIKAWEGKTGVTEMAYLAVQSEAHLASVVEGLGYF
UniRef90_E7GA68 UniRef90_Q7RJ87	A SILIK MILK S YILODON OLIFT SILI QGEYGH DDLYLSV
UniRef90_D8QFS7	E FALKVI DĂȚNGKŠĞI VAPTYVHLSADKSGGIKKEIGRDI
UniRef90_M1URB5 UniRef90_W6QZ05	SAVGSI VITTI VIHDRRKVLIPII TTHAGSLIRGLESAD VIFLISL
UniRef90_W2RVT1	R F A E A L L K A K K G E K N V V E P A F V Y L P G G G E E I Q K A T Y F S V
UniRef90_UPI00036CF85A	LAIR DV LHS ALD QQRLL PVS SLV QGAYNVRD VCYSV
UniRef90_UPI00036EFE24 UniRef90_D5GA85	A GILIA KILIA KAII LIS DEKA MILITUS II LIFEEIVIEGIVIA E IVIA LIS LI REA E A KGII VIEPS YII YII IPDGGDEII IA KAIVIEEA IVI
UniRef90_UPI0003628738	LA GARVA E AVLRDE HAVLPVS TVLDD YRGIS GVALSV
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UniRef90_K1WMA7	R F A E A V I K A L S G E K G I VT P T F I H L E G V P G G D A I I A F F S V
UniRef90_S0L1Y9	I SLA RITK ALLLDENSVLPVS VHLEGQYNSKDVCIGSN
UniRef90_R1CB91 UniRef90_UPI000475747D	A GILA RI VIGALIR O DE RAIVES VISSIVITA EN PER GIVEDINA ILISIVI
UniRef90_UPI0002741C92	LS AADLLES MLK NIS RUHPVS TVV KGMY GÜEN EVFLSL
UniRef90_K4E1P3	NSVLKALRGDSGVVEYTFIQTDVW PNLPYFSC
UniRef90_E9CEI9 UniRef90_UPI00030FD065	MGI ARI TKAI INNENSVITVSAHM DGOYG ONNVVMGV
toroo_or rootoon bood	o le la

	290 300 310 320
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UniRef90_C1N248 UniRef90_C7R3H3	KVTLGKEGVETI HGLELTPYEKAGLDGMMAEL
UniRef90_D6SLF7 UniRef90_O26290	PCVVGSNGISQVLANPMQQNEVEALQNSAAVLR PVKLGKNGIEGVVPVLMDRDEREAFREAAN ARLNRNGVFPVLQGDEVTGFQEQKIRTITTEVMERLEEAR PTLINRNGAIKVYETQLNSEESEKFENSAIILKDMQNKIK PAVIGRGGVEKVLTLNLTADEKALFEKSAE AVVGKDGIEYQVPAPLSDDELTRLHASADALKA
UniRef90_I7JB28	ARLNRNGVFPVLQGDEVTGFQEQKLRTLTTEVMERLEEAR
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UniRef90_R5LCD6 UniRef90_E0IGK3	PAILT R R GIA EL VELNLT A E E R A S F A F S
UniRef90_Q03DZ7 UniRef90_R7F3A2	SLICREGVKKIIP ITLNEEEKNYLTKSANKLKE PAILTRRGIAELVELNLTAEERASFAFS PAVINGQGLNRVIESPLSDDEMKKMTDSATTLK PTVLNRNGADKKIYITLNLEETNRLQKSLD
UniRef90_B1QTR0 UniRef90_L8LRM7	
UniRef90_U1GAT6 UniRef90_A8F6M1	PAV VNEKGI IKKLNL V LSEREKE QLIKSA QV LTE PVEL G Q S G A E K A T N G N V T E K E K Q L I E A A I K G L K G N I E K G PAI L G K N G V E K L V P V K L N S V E K E A F E R S K E PAV I N A H G V E Q V I D V Q L N E R E Q K A M A H S A A V L R E A V D R G M A I V G R D G I V C R V P L S L D E D E L S E L R R S A A S L R K I M D Q I D D G V K N I L P M G S I S A E E E E L I K A C L P E L K K N I E K G V T L G P D G I S K V H P V G D I S S E E E Q L L K A K E T L K
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UniRef90_F4RSF7	D G V K N L P M G S I S A E E E E L I K A CLP E L K K N I E K G
UniRef90_S6E264 UniRef90_UPI000359475C	PCILGNGITDIV KVNLNPEEEALLRKSAE
UniRef90_F7NYE3 UniRef90_H9K913	PCILGNGIT DIV KVNLNPEE ALLRKSAE PIVLKNGVEAL LPIGELSAYEQKAMNDMLGTLKADITLGE PVICKDKQCELIKDFELDEYVKKYI PCIVGEDGAFPIRETPFSDDELTKLQDSAETL REVVD
UniRef90_M2WEX3 UniRef90_M2UXR7	P
UniRef90_Q6CIK3 UniRef90_A1Z9F8	PIEL GPSGAEKAIDVSANDHEKTLLKACYEGL PVTLGPEGVEKIHGIALSEKEEEMLAKCKETLKKNIEKGQ PCLVTAGGISHVFELPLTDVEQSKLLASANLLE
UniRef90_UPI000365DBA5 UniRef90_S0KI24	A ELLA K E GV R K V V E
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UniRef90_UPI0003B34D57 UniRef90_B8DZQ2	P A F V G S H G V D T L L P F E L D V S E L L A L Q K S A A T L K K V T E E A E P S T V G R N G V K K V L Q V K L S E E E R E L Y K S A K L T K E V T D
UniRef90_UPI00047BB26A UniRef90_R7EPM5	NE LONG COMPANIE LA MODITA DE LE ANORON SA E
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UniRef90_D7WAV1 UniRef90_D4INH6	PAVINRTGIRDVVELHLDETETQQFQHSANTLRD
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UniRef90_UPI00036EFE24 UniRef90_D5GA85	PRIV GRQGVVTTIPV KLSEDERRALRKSAE PVELGNGVARATNPLEINDDEKKLLEVAIKGLRTNIDKA PSIVARRGVVERLAVPMDEQELAMLHRSAE PMRLKEGWYKVLPYGPLTQAERDTLEAMLPTLRDEIRLGE
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Ninkergo	UniRef90_J9NSR4	KLTVVGVGQVGMAYALS TLGKSLADELALV
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JNIKET9U_UTINIAZ6 I G A G H V G S T V A F L A T Q G C Q E I K D L N L	UniRef90_G1X7N9	WALTGAGSVGCTOAHTLMLRRVC
IniRef90 F0G733 NVVI I GSGFIVIGSSVAVAT VINSCITATION	UniRef90_U1NNZ6 UniRef90_Q7M9A7	NIL IA LIR DII VID EIL VIFIVI II IGAGHVIGSTIVIA FILIA TOGII <mark>C</mark> OEII IIK DII NII
AND	UniRef90_F0GZ33	NVVLIGSGFVGSSYAYALVNSGLATK
JNIKET9U_UP1UUU473A96F K V G I G C G N V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UUU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UUU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UUU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UUU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UUU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UUU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1UU473A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1U47A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1U47A96F K V G A G E V G S A I A F S L V N Q Q A I E E L V L V JNIKET9U_UP1U47A96F K V G A G E V G S A I A F S L V L V T V A G	UniRef90_UPI000473A96F UniRef90_R7YWH4	K V G I G C G N V G S A I A F S L V N Q Q A I E E L V L V K I A V V G A G E I I V V G A G E I I V V G A G E I I V V G A G E I I V V G A G E I I V V G A G E I I V V G A G G G G G G G G
JniRef90_B3M656 KVTVVGAGGLGQPLSLLIRQNAGII RQNAGII RELĀLH	UniRef90_B3M656	KVTVVGAGGLGQPLSELI RQNAGII
JIIIKEI9U_DOWNINU MA GIVIF SII I LIA Q NIVIS H DIV V L II JNIREf90_W1U9I9 KVVI VIGSGNVIGSH CAFSILIA VIQGVICD EII I MIII	UniRef90_D6WHN0 UniRef90_W1U9I9	KVVIVGSGNVGSHCAFSLAVQGVCD EIIIMI
JNIREF90_UPI0004407A9F MTKAVVLGAGGIGQPLSLLKTSPLT SELGLY	UniRef90_UPI0004407A9F	MTKAVVLGAGGI GQPLSLLKTSPLT SELGLY
JNIKETYU_ATUYVU SARPKIVISII I GAGSIVIGIA II IAY A <mark>CILI</mark> RGSAGTILI <u>A</u> ILIY JNIKETYU_ATUYVU A CILIRGSAGTILIAILI ROJITARFII VIIT	UniKet90_A1U9V0 UniRef90_UPI0003B41E72	SARPKIVISII I IGAGSIVIGI AII IAY ACLI IRGSAGTILIAL Y KVAII VIGAGYIVIGSSII IAYALTALT RDITAREII VIIT
JniRef90_M9VVU8 TKARKVMLIĞAĞNVĞTSAAYALLNQTL CELLLVDL	UniRef90 M9VVU8	TKARKVMLIĞAĞNVĞTSAAYALLNQTL

	50 60 70 80
UniRef90_D4AWT7 UniRef90_A1HSK3	DIRGGPG VAADLSHINTNSVVSGHEPTSGLKDALKG DAARDKAHGEALDMLQCLAFAPPARIRH GEMADTAG
UniRef90_R6RXY6 UniRef90_C5KR72	PYAPGLE GVAEEL FHC GFE GVNI TF TSDI KEALTGDI KQARTPCAGVAEDLSHI NTPAEVKGYAGEELLEGCLTGDI SPVTP GVAVDI SHI PSAVKVKG YAGDDLDKALEDDI KKTPG VYADLSHI DTKI SI EGFQCAENLPAALEKDU HEEKTI GEALDI QHGI PDMGI SSVRAGT YADCKD
UniRef90_J5HHW8 UniRef90_A0A034WJP5	DI SPVTP GVAVDI SHI PSAVKVKG YAGDDL DKALED DI KKTPG VYADL SHI DTKI SI EGFQCAENL PAALEK
UniRef90_R5GML6	DI HEEKTIGEALDIQHGIPDMGISSVRAGT YADCKD
UniRef90_UPI0002557E87 UniRef90_UPI0003661EA3	D H N P A L
UniRef90_A5Z9B1 UniRef90_UPI000273D9D7	DHNPAL ALAQAEDIAHAMPFAQPTQVSAGDYQALAGATQKVEAEVLDLAHGTQFTGS SDIIGGSDLSVVEGDRTKAKSHSMDIADSVSFFNSSVIVRC GDYSDCKD DYSVSAN
UniRef90_J1F5N9	VKERTEGDALDLAD ATALSYPKKIYSAEYSDCKDDLRGAKGVAADLSHIPT NSKVSGYSPEDADGLRNALDN
UniRef90_G8JRX4 UniRef90_C5KZ33	DIVIPGAREPILIPGIV VIA DILISHILIN LHAKIVILGY QGILIDEILIGD <mark>CI</mark> VIEG
UniRef90_H3B830 UniRef90_B3MHC7	DM MEDKLKGEAMDLQHGSLFLKTPVIVA DKDYSVTAN DIQ YERAQAEARDFNHAAVFLTDPKLTA <mark>C</mark> GDGVNTKD DVNREKAEAEVLDLTHGM PLGSTANLYAAGYEA <mark>C</mark> GD
UniRef90_H9ULD2 UniRef90_H6C409	DVNREKAEAEVLDITHGM PLGSTANIYAAGYEACGD
UniRef90_UPI000255648F	DIRMGPG VAADLSHINTKSTVKGYDPTSGLRECLTGDVAPFTP GVAVDLSHIPSDVNIEGFTGDEGLAKALTNDIVNIPG VAMDLSHIETASKVTHFTEKSSCAALKGGGRTPDRAVAQALDMSHGMDFIHSRTKLYNGT YEDCSD
UniRef90_U4UU72 UniRef90_C6D2N5	GRTPDRAVAQALDMSHGMDFIHSRTKIYNGT YEDCSD
UniRef90_W1P5V6 UniRef90_UPI00027F721D	1) A () A () K () R () E () I () I () A () A E () P R I () K () S S I () I () S () A ()
UniRef90_M5G8Y3 UniRef90_B9HFT0	D DDEGKLKGETMDLQHGSPFMKMPK I VSSKDYLVTAN DI VNAPG VAVDLSHINTPAKVEGFLPPNELKQALTG DVVNAPG VTADLSHMDTSAVVRGFLGQQQLEDALIG
UniRef90_UPI0003AB9503	DNKQAEEYLKSL VMETQDLAS PVLRSVSI CTKVEEAFCQ
UniRef90_W7CV67 UniRef90_W1QK02	DNKQAEEYLKSLVMETQDLAS PVLRSVSICTKVEEAFCQNTERVEGHRKDLAD AAAFTHGMMKLSVREAKDCRDDVVNVPGVGTDLSHIDTDTKVTYHLKSDDNNTGLSQALKD
UniRef90_C7RDJ3 UniRef90_R5JMX5	
UniRef90_UPI00047A04F8 UniRef90_F7ZZN1	DIAKSKVDAEVLDLNH GLLFAPQATVDGADDVEVLRD DINKAKVEAE ALDLGHGLQFMSMAEVVGSDDLAV CAD
UniRef90_G3N7X2 UniRef90_B9V4F4	D PYAPALE GIVAELY HCGF EGVNLTYTS DI KEALTGDI AKSKVDAEVLDLNH GLLFAPQATVDGADDVEVLRDDI NKAKVEAE ALDLGHGIQFMSMAEVVGSDDLAV CADDV MEDRILKGEMMDLQHGSLFLKTSKI VA DKDYVVTANDI AKERVEAEVLDMQHGSSFYSTVSIDGSDDP EI CR
UniRef90_M7NJQ3	DI RGAPGVAADCNHINTPCKVVGYGEDDDG LIKTLKD
UniRef90_UPI0003945CFC UniRef90_A9UZ89	DLEGNEEQLQSLRLEIEELAISMLHQVTTDTD LERAFRK DV MKDKLKGEVMDLQHGGAYQHGRIVE CDDDYEASRN DIKNTTG VGVDLSHINTRASVCPFEGKNGLKKAMDK DVQGVKG VAADLSHVSAPASVRGMQGPEELEKAVEC
UniRef90_Q8T412 UniRef90_B4L2P2	D K N T T G
UniRef90_UPI00029B1654 UniRef90_D1AYS4	DIVING NEEKAKGEVI DILAHGAAFIIKTODI ISGD YKDIKD
UniRef90_R6B9L6 UniRef90_J9NSR4	DVNNDKAMGESLDL MDAVSYQPHHFEAYAGTID DMKDDVLEDKL GEMMELQHGSLF LQTPKLVADKDYSVTAN
UniRef90_W0JTM0	DII IP D K E D D T II IG Q A A D T N H GIVIA Y D S N T IV I IR Q G G Y E D T E G
UniRef90_V2WRK3 UniRef90_Q92BI0	DIRGAPGVAADVSHVDTAS EVNGYAADQLEHALEG NKERVEGNRKDLAD AAAFMSGKMDISVREASD <mark>C</mark> AD
UniRef90_X1MTB9 UniRef90_M4U4C1	EGLPQGKALDMMESAPVIGCOTKIIGTNDYKETADDVAPITP GVAKDLSHIPT SVNVEGYVGDDICVALEGDLNG PKVRAEALDLIHGGQFVPEALIEGSD DVDSTAD
UniRef90_W2BRJ8 UniRef90_T1EM25	DUNG PKVRAEAUDLIHGGQFVPEALIEGSD DVDSTAD
UniRef90_B2GHK9 UniRef90_A8Q612	DTQ KDKLLGEMMDLQHGQAFLRTIKIQA DTDFSITRG DLQTAKVEAEALDLSHGQMFAPGVRVE GSDDVAVLKD DVV ADKLKGEMMDLQHGVPFMNPCIIRA SVDYELTKG
UniRef90_B6HDG8	DII IR G G P GIV IA A DIL IS HII IN I N S I IV II G Y N P D A S G LIR D CIL IE G
UniRef90_M4FAJ8 UniRef90_G1EMB9	DIANTPGVAADVGHINTRS DV MEDKLKGELMDLQHGLTFLDNMKITAGS DYALSAG
UniRef90_R5Z1A0 UniRef90_K7SF38	DV MEDKL KGELMDL QHGLIFLDNMKI I AGS DYALSAG DYAPGLEGVAEELYHCGF EGWNLTYTSDIKEALTD DI AKDKVEAEVADL AHGSEFVPSKVMGGADV NDTAG DVVNANGVAADLSHICSPAVTGYQPSSKEDRDTIQKALVN EDMAAGQALDQHHATALPNVTNVDVYAGGYDDLAD DI NMERVQGDVEDLNALPYASQKNIYAANYHDCQD
UniRef90_Q6BM17 UniRef90_M9VB37	DVVNANGVAADLSHICSPAVTGYQPSSKEDRDTIQKALVN EDMAAGQALDQHHATALPNVTNVDVYAGGYDDLAD
UniRef90_U4TJK7 UniRef90_A3GGD9	DI NMERVQGDVEDLNALPYASQKNIYAANYHD <mark>C</mark> QY DLRGAPGVAADVSHVPTNST VKGYNPDQLAEALTG
UniRef90_G2LE08	DKDQR RAEGEALDLMHGQTFAGPTRVRVGD YADLAE DDREKAYSQALDLD DAVSLLPHQLTVRTGDYGDVED
UniRef90_R6QJB5 UniRef90_A0A028KCN3	
UniRef90_V5HXA3 UniRef90_G2KVZ7	D R G G P G VA A D L S H N T K S T V T G H E P T S G L R D A L S G L R H K E R A V G D A L D L E D A T P F T S P T K I Y A G E Y S D C K D
UniRef90_F6Z0Z7 UniRef90_W8BWF3	DV TEDKIKGEMMDLQHGSIF IRTPKI VSGKDYNVTAN DVARTPG IYTDLSHIDTSVVVEGYQCAENLPAALEK
UniRef90_X1DWJ7 UniRef90_J4WAV0	KEDFQDAQVQDLRDSTSFGLSPRVRPGT WKECGQ
UniRef90_UPI0003B4FADD UniRef90_UPI00037AAAE6	NKAKVEAEALDIAHGIOE T <mark>DC</mark> OSVEGSDDVELVDG
UniRef90_H1XU66	D KNHQRAVAĒAĀDISHAI PFSHAI DIYAGDYSDLKG
UniRef90_Q0CKY1 UniRef90_UPI0002655490	DVVNTPG VAADLSHISSVAKISGFLPKDDLKKALTGDV IEEKLKGELMDLQH SSLILRTPKIVSGKDYNVTAN
UniRef90_G8Y002 UniRef90_R6VD15	
UniRef90_C4Y9Q7 UniRef90_H1W409	DI VNAVGVA A DLISHINT PAVT GHQPAAKNDS SALVE ALQD DVVNTPG VAT DLISHIS SVAKT T GYLPKDDAKAAFKD DI A E DLCKAQ VQDLQDATYLT NVRLKYATPQE A GQ
UniRef90_G1X7N9 UniRef90_U1NNZ6	DI A E DECKA Q VQDEQDATYLT NVREKYA TPQEAGQ
UniRef90_Q7M9A7	DIPEKEDET VGQAADT NHGVAYES DTRVT QGT YAETED DTARGIALD MGHAAS ATKTHTIVRVANEPS DLRG
UniRef90_F0GZ33 UniRef90_UPI000473A96F	DCLKEKAEGDALDLQDATVTASGFTNVYAGGLID IKD
UniRef90_R7YWH4 UniRef90_B3M656	D PKENVRDAQVQDLSD ATFHGNTSTRIRAGTHKEAGQ DINEMKG IATDLSHISKPGRVTTFVGESQLEAAVSG
UniRef90_D6WHN0 UniRef90_W1U9I9	DCV EDKLKGELLDLQHGSLFLKNPRINASS DYAASAG DKIEKKANAEAVDLS DTVSYLPHYVTSRKGT FFDCSD
UniRef90_UPI0004407A9F	DIDEDKSIADVNDL MGHAASAKT FCPTLVKEGSYEDCKD DCLKEKAEGDALDLQDATVTASGFTNVYAGGLID IKD D PKENVRDAQVQDLSD ATFHGNTSTRIRAGTHKEAGQ DINEMKG IATDLSHISKPGRVTTFVGESQLEAAVSG DCV EDKLKGELDLQHGSLFLKNPRINASS DYAASAG DKIEKKANAEAVDLS DTVSYLPHYVTSRKGT FEDCSD DIVNTPG VAADLSHIDTPAKVEGYLPPDNLGKTLKG DTNSAKVRAEVLDLNH GSQFVPECRVGGSDDLAVTAAD
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JniRef90_M9VVU8	DRARAQAHAQDLSD AAAYMPGMMTUSTREVSD <mark>C</mark> AD

	90 100 110	120
UniRef90_D4AWT7	SEII V L I P A G V P R K P G M T R D D L F A T N A S I V R D L A K A A A E H	C
UniRef90_A1HSK3 UniRef90_R6RXY6	A DIL V V I T A GILPRKA D E PRVLL I SRNA A LI A DL VRQA SPN A K YI V N S G G A A R K A G M T R E DL LK G N A A I G K N V K Q Y C P D V I	K
UniRef90_C5KR72	SKLIVITAGVPRKPGMTRDDLFSVNAGILAAGLAKN <mark>C</mark> APD.	Α
UniRef90_J5HHW8 UniRef90_A0A034WJP5	A HV VMV VG G T A R K P G M K R E D L F N K N A S V V E E I A N V V A E K	C
UniRef90_R5GML6 UniRef90_UPI0002557E87	CDIL I I I IT A G R N R K R G E S R IL IDIL I IA G N S A II L IK DIV V IG Q M K P Y `	
UniRef90_UPI0003661EA3	S HIV V V I IT A G A K O D P G O T RII IFII IA GIVIN A RII IMK T M M P O A A P N A	
UniRef90_A5Z9B1	A DI I VI S A GVPRLPGQTRLDVLDGSVECVRDIVSNTEIK SRIVIVTAGARQQEGETRLTLVQRNVAIMKSIIVHYSPD	
UniRef90_UPI000273D9D7 UniRef90_J1F5N9	A DII V V I IT A G A P O K P G F T RII IDII VIN K NII IRII I IS SII VIK PII VID S (G
UniRef90_G8JRX4 UniRef90_C5KZ33	ADVVLIPAGVPRKPGMTRDDLFAINAGIVRDLASALSPKADMLIVTAGIAQKPGMTRDDLFNVNARIMRDLSAKYAPTA	
UniRef90_H3B830	S K <mark>C</mark> V S A G V R Q K E <u>G</u> E <u>S R L N L V Q R N V E V F K H P N Y S P H ⁻</u>	T
UniRef90_B3MHC7 UniRef90 H9ULD2	S D V V I V T A G V R K S R L E V M H D T I K I F K E L V P K L V S F S P N A E I A I I T A G A K Q R P D E S R V Q L M D R N V G I M R S M V M A S G F G G	
UniRef90_H6C409	S E II I L I IP A GIVIP R K P G M T R D D IL IF N T N A S II V IR D IL IA K A A A D A A	A
UniRef90_UPI000255648F UniRef90_U4UU72	ASVVVI PAGMARKPGMDRSDLFKFNAGI VKSLAENTAKY, VDI I I VVAGLPRKPGMQRSDLFKANAQI I FDI AKNMAEL:	
UniRef90_C6D2N5	M D V <u>V </u> I L S A G G Y P P K G Q D R <u>M G M</u> L S A <u>V A</u> D I <u>Y G H </u> I I P R <u>I M D S</u> (G
UniRef90_W1P5V6 UniRef90_UPI00027F721D	S N L V T A G A R Q K K G E T R L D L V Q R N V S F K L P S T Q Y S	
UniRef90_M5G8Y3 UniRef90_B9HFT0	A E I V V I P A G V P R K P G M T R D D L F K I N A G I V R D L A T G I A P K M D L V I I P A G V P R K P G M T R D D L F N I N A G I V K T L C E A I A K C 9	
UniRef90_UPI0003AB9503	A HII I V V L ID D S T D K E IV IF T IL IE D <mark>C</mark> L IR IL I <mark>C</mark> R IL IY G Y IL I IE K N A H E S I ^N	V
UniRef90_W7CV67 UniRef90_W1QK02	IDI AVITVTAALKEGQTRLDELKSTSRI IANI VPKMMENO SNFVI I PAGVPRKPGMTRDDLFKINAGI CSELATGIAETI	
UniRef90_C7RDJ3	A D L V V L A Y G N S Q K N L V N R L D D	G
UniRef90_R5JMX5 UniRef90_UPI00047A04F8	A A Y I V S S G G A A R K A G M T R E D L L K G N A E I G K D I R Q Y C P D V I C D V V V M T A G A K Q K P G E T R M D L A V A N A S I C K K I V V R V A P N A	r\ A
UniRef90_F7ZZN1 UniRef90_G3N7X2	A DIV VIMETAGAKOK PGOTRTDII IA FIL VISKIV I. IPSIL VIEIVIA PH	Α
UniRef90_B9V4F4	ADMVVITAGPRQKPGQSRLELVNILKAIMPNLVKVAP NZ	Α
UniRef90_M7NJQ3 UniRef90 UPI0003945CFC	T DI I L I P A GVP R K P G M T R D D L F V T N A S I V R D L A K V A A D V A D V I L L L D D G G H E E V K K K K V N V E R Y K E Y G Q L I D A T A K E T I	
UniRef90_A9UZ89	S D I C I I A A G V R Q Q D G E T R L Q L A D R N R D V L K H I T V A K S P N T	Т
UniRef90_Q8T412 UniRef90_B4L2P2	A D	
UniRef90_UPI00029B1654	S D <mark>C </mark> V V I T A G L R R K P D E S R L D L I N R N V V L F R G I S S G L K K D /	
UniRef90_D1AYS4 UniRef90_R6B9L6	A DII IMII IN A S G K P RIL IP G Q T RIL ID M M D G GII IA T T K PIL I IE K S G F D (
UniRef90_J9NSR4 UniRef90_W0JTM0	S K V V V T A G V H Q Q E G N L V Q R N V N V F K F V I P Q V K Y S P D I S D V V V I T A G I P R Q P G Q T R L D L A G D N A P I M E D I G S S L A E Y I	
UniRef90_V2WRK3	V E V V V V P A G V P R K P G M T R D D L F N T N A S I V R D L A A N V S P K /	A
UniRef90_Q92BI0 UniRef90_X1MTB9	VDIAVITVTAPLKEGQTRLDELRIVASIVPEMMKGG FKOSDVVVITSGLPRKPGMTRDELLKIVGEVTKSVVKY_SPN	
UniRef90_M4U4C1 UniRef90_W2BRJ8	A D V I L I S A G V A R K P G M D R N D L F N I N A G I T K N L I T H V A E V A S D V V V I T A G A K Q Q P G Q S R L D L V K L M Q N I L P P L V E R S P D A	
UniRef90_T1EM25	SKII I <mark>CI</mark> V VIT A G H G E T E E QIL LIE K NII INIVIF K SII I IP NII I IK Y S P D (
UniRef90_B2GHK9 UniRef90_A8Q612	A DI TEVTAGAKQKPGQTRLDLAAI LKSLMPQLVEQAPQ / SKLCVVTAGVRQREGESRQRNVELFKGIIPKLVAN SPD/	A A
UniRef90_B6HDG8	SE <u>II I L I I P A GIVIP R K P G M T R D DILIF N T N A SII VIR DILIA A E A A P K A</u>	Α
UniRef90_M4FAJ8 UniRef90_G1EMB9	E P G M T R D D L F N I N A G I V K N L C S A I A K Y I S K L C I V T A G A Q M R E G E S R L D L D Q R N T N I L K D I I V Q Y S P D	Т
UniRef90_R5Z1A0 UniRef90_K7SF38	AKYII INSGGAARKAGMTREDII IKGNAAII AENIVIKKY <mark>C</mark> PDIVII	Κ
UniRef90_Q6BM17	S D L V V I P A G V P R K P G M T R A D L F N I N A S I I R D I V G K A C P N A	Â
UniRef90_M9VB37 UniRef90_U4TJK7	ADVIIITAGPSITAGKGRRELAATNKIIRATMAEITRRNIADLIVITAGIAQRPGQTRLELLQKNAQILTDIAHQIMSSOADVIVIPAGVPRKPGMTRDDLFNTNASIVRDLAAENAPN	H G
UniRef90_A3GGD9 UniRef90_G2LE08	A D V I V I P A G V P R K P G M T R D D L F N T N A S I V R D L A A E N A P N A C V I V I A A G V G O R P G E T P D D L M E P N V A V E P A L L D R H A P T A C V I V I A A G V G O R P G E T P D D L M E P N V A V E P A L L D R H A P T A C V I V I V I A A G V G O R P G E T P D D L M E P N V A V E P A L L D R H A P T A C V I V I V I V I V I V I V I V I V I V	Α
UniRef90_R6QJB5	A QV I V I A A GV G Q R P G E T R L D L M E R N V A V F R A I L D R H A P T / A D V I V M A A G V S R L P G Q T R L D M L D D S I R I M K E V A S H M Q G L I E G E S R L N L V Q R N V N L F K H I I P Q I V K Y S P D I	Ĥ
UniRef90_A0A028KCN3 UniRef90_V5HXA3	S FILL LIPAGIVIPR K PGMT R D DILIFNT NA SILVIR DILIAKAAADAA	Δ
UniRef90_G2KVZ7	ADL VVI TAGAPQKPGËTRLDL VNKNLRI LATI VKVSGFT SKL VI VTAGARQQEGESRLNL VQRNVNI EKFI I PNVSPN	G
UniRef90_F6Z0Z7 UniRef90_W8BWF3	A DI V L L VG G A A R K P D M T R D D L F K L N V N V V E E V V T T I A D K	C
UniRef90_X1DWJ7 UniRef90_J4WAV0	CDIL VETAGINOKA GESPÜSLIOPNÜGVIPGGEEKMKED.	Δ
UniRef90_UPI0003B4FADD	A DL VIVTAGAKOKPGQSRLELAGSTVDLMKKIVQNVAPD	A
UniRef90_UPI00037AAAE6 UniRef90_H1XU66	A DL V I V T A G A K Q K P G Q S R L E L A G S T V D L M K K I V Q N V A P D A G I I V I C A G V S Q S P D E S R L H L L Q R N I K V F E A I A D H H A P E A E L V I I A A G V N Q K P G E T R L Q L L G R N R Q I L P P L L E N A P E T D V V V I P A G I P R K P G M T R D D L F K V N A S I V R D L V K G I A E F G S K L V I I T A G A R Q Q E G E S R L H L V Q R N V N I F K F I I P N V S P N G S D V V V I P A G V P R K P G M T R D D L F N T N A S I V R D L A K A I A D H S D V V I P A G V P R K P G M T R D D L F N T N A S I V R D L A K A I A D H S D V V I P A G V P R K P G M T R D D L F N T N A S I V R D L A K A I A D H S D V V I P A G V P R K P G M T R D D L F N T N A S I V R D L A K A I A D H S D V V I P A G V P R K P G M T R D D L F N T N A S I V R D L A K A I A D H S D L T N A S I V R D L A K A I A D H S D L T N A S I V R D L A S I V	A A
UniRef90_Q0CKY1	T DIV V V I P A GLIPRK P GMT R D DIL FK VN A SII VR DIL VK G LA E F	C
UniRef90_UPI0002655490 UniRef90_G8Y002	S DV V V I P A GVP R K P G M T R D D L F N T N A S I V R D L A K A I A D H	S
UniRef90_R6VD15 UniRef90_C4Y9Q7	A D F V V I T A G A S N C E V D D R L E L A S V D A K I V K K M T Q N V V N S C S D I V V I P A G V P R K P G M S R A D L F N I N A S I V R D L V A H A G R T I A D I I V I P A G I P R K P G M T R D D L F N I N A G I V K G L I E V A A E V I	G
UniRef90_H1W409	ADII VI PAGIPRKPGMTRDDLFNINAGIVKGLIEVAAEV	Α
UniRef90_G1X7N9 UniRef90_U1NNZ6	S DIL T V T T A G A K Q K P G E T RIL IDIL T E K N Y K V L G S V L K G L Q P I T S DIV V V V T A G I P R G P G O T RIL IDIL A S D N A P II M A D I E S S V A E Y I	N N
UniRef90_Q7M9A7	$C \cap V \setminus V \cap E \cap A \cap C \cap B \cap C	
UniRef90_F0GZ33 UniRef90_UPI000473A96F	ADIVI I I SVAGPROKGET RLDELKATAPI I MEVVKELGFS	G
UniRef90_R7YWH4 UniRef90_B3M656	CDI VVI TAGAKQKKGESRTDILIGRNMKI LIGSALEDMKPFA	A T
UniRef90_D6WHN0	A D L V V L C Y G N S Q K N L T N R L D D L L K A T R M V L D T I P K V M E N G A D L V L C Y G N S Q K N L T N R L D D L K A T A P M I I ME V V K E L G F S C D I V V I T A G A K Q K K G E S R T D L I G R N M K I L G S A I E D M K P F A A N V V V V A A G M P R L P G M E R D Q L M A A N G G V A A K V A S V A C P G S R L C I V T A G V R Q R E G E S R L D L V Q R N T D V L K N I I V K Y S P N A D I I V V S L G V P P E P N K S R L D F L E T I R E V D T I I D P I M K F D G A D V V V I P A G V P R K P G V N R D D L F K V N A G I V R D L A I R G V A E P G S N D D L F K V N A G I V R D L A I R G V S P D D L S N N N A M A D T R G V S P R C V S P D D L A A N N A M A D T R G V S P D D L S N N N A M A D T R G V S P D D L S N N N N N N N N N D R D D L S N N N N N N N N N N N N N N N N N N	†
UniRef90_W1U9I9 UniRef90_UPI0004407A9F	A DII I V V S L G V P P E P N K S R L D F L E T I R E V D T I I D P I M K F D O A D V V V I P A G V P R K P G V N R D D I F K V N A G I V R D I A I G I A F H	G A
UniRef90_A1U9V0	S A I V V V T A G A K Q H P G Q S R L D L A A A N V A M A Q T L T P Q H S P D A C D L I I I T A G R G R K N G E T R L D L I N D N V G I M K N V T D S I K K Y Y	A
UniRef90_UPI0003B41E72 UniRef90_M9VVU8	CDLIIITAGRGRKNGETRLDLINDNVGIMKNVTDSLKKY` VDIAVLTSGGSLKQGQTRLDELNATAKIVNSIVPQMMDNO	Y G
	<u>_ , , , _ , , , , , , , , , , , , , , ,</u>	-

UniRef90_D4AWT7 UniRef90_A1HSK3 UniRef90_R6RXY6	130 140 150 160 PNAVISNPVNSTVPIVAEVFKAKNPKRIFGVTTLDVLRAS LIFMVTNPLDVMTQLAYQVSGLPANRVIGMGTVLDTARYR HIVVIFNPADLTGLITLLYS GLKPGQVTTLAALDSTRLR
UniRef90_C5KR72 UniRef90_J5HHW8 UniRef90_A0A034WJP5	N A V S N P V N S T V P V A E V F K A K N P K R F G V T T L D V L R A S L I F M V T N P L D V M T Q L A Y Q V S G L P A N R V I G M G T V L D T A R Y R T L C V T N P A D L T G L I T L L Y S G L K P G Q V T T L A A L D S T R L R T L C I V T N P V N S L V P A C A K Q A G V F N P K K L L G V S L L D T I R A E C L G I V T N P V N T L V P I A A Q N K G L Y N P K K L L G V T T L D V V R A K P F C I V T N P V N S C V P L A A E L L K K K N P K R L F G V T T L D L V R S R T I M I V S N P V D V L V Y Q C T K W M G L P N G M V F G T G C I L D S S R F T I L L I A S N P V D I M T E V A L K L S G L P E G R V F G S G T I L D T A R F R I Y V I V T N P Q D V L T V L A Q E Q T G L P P E R I F A S G T V L D T S R L R K L L V V S N P V D L L T Y L A Q E Q T G L P K N R V F S T G T S L D T A R M R K L L V V S N P V D L L T Y L A Q E Q T G L P K N R V F S T G T S L D T S R L R K L L V V S N P V D L L T Y L A Y W K L S G L P P E R I F A S G T N L D S A R F R F E L V A A N P V D L L T Y A T W K L S G F P K N K V I G S G C N L D S A R F R F E L V A A N P V D L L T Y A T W K L S G F P S H R V I G S G T N L D S A R F R R S V L V I S N P V N S T V P I T C E V Y K V F N K G K I M G L M S L D V T R A S L V C I M S N P E T A L V P I T C E V Y K V F N K G K I M G L M S L D V T R A S L V C I M S N P E T A L V P I T C E V Y K V F N K G K I M G L M S L D V T R A S L Y L V V S N P A D V N T M V P I A A K K A G C Y S P K R L F G V T T L D T L R A E P E A I V T N P V N S V I P I A C E V L K S K N P K R L F G V T T L D T L R A E P E A I V T N P V N S V I P I A C E V L K S G L P R G Q V I G S G T S I D S A R L R P E A I V T N P V N S T V P I A C E V L K S G L P R G Q V I G S G T S I D S A R L K P C Y S T L D S V R A A F R R S C L S C T S L D S A R L K F R S C L S C T S L D S A R L K F R S C L S C T S L D S A R L K F R S C L S C T S L D S A R L K F R S C L S C T S L D S A R L K F F L V S N P V N S T V P I V A W K L S G L P R R V L G V T M L D V V R A S P K N I I S N P V N S T V P I V A W K L S G L P R R K V L G V T M L D V V R A S P K N I I S
UniRef90_R5GML6 UniRef90_UPI0002557E87 UniRef90_UPI0003661EA3	T
UniRef90_A5Z9B1 UniRef90_UPl000273D9D7 UniRef90_J1F5N9	L I I T I T N P A D I I A D F V R K A T G L P K N R V F S T G T S L D T A R M R K L L V V S N P V D I L T Y L V W K I S G L P V T R V I G S G C N L D S A R F R F F L V A A N P V D L L T Y A T W K L S G F P K N K V I G S G T S L D T S R L R
UniRef90_G8JRX4 UniRef90_C5KZ33 UniRef90_H3B830	SV L V I S N P V N S T V P I V A E V L K S K N P K K L F G V T T L D V I R A S L V C I M S N P E T A L V P I T C E V Y K V F N K G K I M G L M S L D V T R A R L F L V V S N P V D I L T Y V A W K L S G F P S H R V I G S G T N L D S A R F R
UniRef90_B3MHC7 UniRef90_H9ULD2 UniRef90_H6C409	Y L V V S N P A D V M T H A F Q K G K P K H R C F S T G C H L D T A R F R V I L V V T N P V D V L T F V A Y R E S G L P A H Q V I G S G T V I D S A R L R P E A V I S N P V N S T V P I C A E V F K S K N P K R L F G V T T L D V V R A S
UniRef90_UPI000255648F UniRef90_U4UU72 UniRef90_C6D2N5	CVAIITNPVNTMVPIAAKKAGCYSPKRLFGVTLLDTLRAE PEAIVTNPVNSVIPIACEVLKDAGKRRVIGVSTLDSVRAA FNGIFANPVDVVTYVVWKLSGLPRGQVIGSGTSIDSARLK
UniRef90_W1P5V6 UniRef90_UPI00027F721D UniRef90_M5G8Y3	TIL V V S N P V D V L T Y V T Y R L S G F P A N R V I G S G T N L D S S R F R P H C I V T N P V D L L T Y V A W K L S A F P K N R V I G S G C N L D S A R F R F V L V I S N P V N S T V P I V V E V F K K F D P K R I F G V T T L D V V R A S
UniRef90_B9HFT0 UniRef90_UPl0003AB9503 UniRef90_W7CV67 UniRef90_W1QK02	PKNIISNPVNSTVPIAAKKAGVFDPKRVLGVTMLDVVRANRVIVGGKTVNLKTVLLMRYAPRIAHNIIAVALGVEGEAKFFLVAANPVDIITYQVWQLSGLPRHRVLGTGVWLDTTRLRPDAVISNPVNSTVPVFAKKKGIFNPRKLFGVTTLDSVRAN
UniRef90_C7RDJ3 UniRef90_R5JMX5 UniRef90_UPI00047A04F8	
UniRef90_F7ZZN1 UniRef90_G3N7X2 UniRef90_B9V4F4	VYVMVTNPVDVVTELARKITGFEWNRVTGSGTVLDSSRFR VYVMVTNPVDVVTYAALKISGLPPQQLEGSGTVLDSSRLR TLIVVSNPVDVLTYVTWKLSGLPRHRVIGSGTNLDSARER IYMLITNPVDIATHVAQKLTGLPENQVFGSGTNLDSARER HLLIISNPVNSTVPICAEVYKKYDPKRLFGVTTLDVVRAS KVIVSGDSLNLRCSLLVDSARSIDSHQFMAAAAQLENEAK VILMVSNPVDIMTYLAWQLSGLPANRVLGSGTFLDSSRFR
UniRef90_M7NJQ3 UniRef90_UPl0003945CFC UniRef90_A9UZ89	HLLIISNPVNSTVPICAEVYKKYDPKRLFGVTTLDVVRAS KVIVSGDSLNLRCSLLVDSARSIDSHQFMAAAAQLENEAK VILMVSNPVDIMTYIAWQLSGLPANRVLGSGTFLDSSRFR
UniRef90_Q8T412 UniRef90_B4L2P2 UniRef90_UPl00029B1654	PITNPINVIVPIVATILKAKGTYDPNRLFGVTTLDVVRAQGAMVVTNPVNPMAAEVLKQHKVYDPKRLFGVTTLDCVRAEIVFVVSNPVDVLTYLAIKELGLPASQVIGLGTVLDTTRLR
UniRef90_D1AYS4 UniRef90_R6B9L6 UniRef90_J9NSR4	V L V I A S N P V D V L S W V A Y K L S G F P S H K V I G T G T V L D T S R L R I I I S I S N P C D I I A E Y I Q Y K L D Y P K N K I I G S G T A L D S A R L Q I L I V V S N P V D F L T Y A I R K L S G L S K H T C N Q N F A R F C
UniRef90_W0JTM0 UniRef90_V2WRK3 UniRef90_Q92BI0	VILIMUS N PV DI MT Y I A WQLS GLP A N RIV L GS GT F L DS S R F R PITNPINVI V PI V A TI L K A K G T Y D P N R L F G V T T L D V V R A Q G A M V V T N P V N P M A A E V L K Q H K V Y D P K R L F G V T T L D C V R A E I V F V V S N P V D V L T Y L A L K E L G L P A S Q V I G L G T V L D T T R L R V L V I A S N P V D V L S WV A Y K L S G F P S H K V I G T G T V L D T S R L R I I I S I S N P C D L I A E Y I Q Y K L D Y P K N K I I G S G T A L D S A R L Q I L I V V S N P V D F L T Y A I R K L S G L S K H D D F V T I T T S N P V D L L N R H L Y E T G E R A R I G F G G R L D S A R F R H I L V I S N P V N S T V P L V A E K A G V F D P K R V F G V T T L D V V R A A I F L I A T N P C D I I T Y Q V W K L S G L P R E Q V L G T G V W L D T T R L R C I C I I T N P V N T T V A I A A K N A G V Y N K N K L F G I T T L D V I R A E
UniRef90_X1MTB9 UniRef90_M4U4C1 UniRef90_W2BRJ8	I FL MVT N PV DVT T Q A A I KI I S G I P P S R I F G S G T V L D S S R I R
UniRef90_T1EM25 UniRef90_B2GHK9 UniRef90_A8Q612	TLIIVSNPVDILTWVAWKLSGLPRHRVLGSGTMLDSSRFR VFVLVTNPCDVLTVVAQQITGLPHQRIMSSGTVLDTSRLR MLLIVSNPVDVLTYVAWKISGLPPHRVFGSGTNLDSARFR
UniRef90_B6HDG8 UniRef90_M4FAJ8 UniRef90_G1EMB9 UniRef90_R5Z1A0	HVLVIANPVNSTVPIVAEVYKARNPKRLFGVTTLDVVRAS PHNMISNPVNSTVPIAAKKAGMYDEKKLFGVTTLDVVRAK LLIVSDPVDLLTYVAWKLSGLPKERVIGSGTNVDSSRFR
UniRef90_K7SF38 UniRef90_Q6BM17 UniRef90_M9VB37	FIIVTNPCDVLAVVAQQVSGLPEHRVFSSGTLLDTSRLR ALLISNPVNSTVPIAAEVLKKLNPKKLFGVTTLDSVRAE
UniRef90_U4TJK7 UniRef90_A3GGD9 UniRef90_G2LE08	L L I V S D P V D L L T Y V A W K L S G L P K E R V I G S G T N V D S S R F R H I V I I F N P A D I T G L I V L L H S G L K P S Q V T T L A A L D S T R L R G L I V T N P O D V L A V V A Q Q V S G L P E H R V F S S G T L L D T S R L R A L L I I S N P V N S T V P I A A E V L K K L N P K K L F G V T T L D S V R A E D A A I I I L C S N P L D A V V H I A S T E F D H P R V L G T G T I L D S A R M C F N G I I S N P V D L L T E L V L K I T G L P R N Q V I G S G T A L D S A R L R A V L V I S N P V N S T V P I V A E V F K S K N P K K L F G V T T L D V L R A S L L V I A T N P V D V L T Y V A Q E L S T R P P Q R I L G T G T M L D T A R F R I P G I I S N P A D I V A D Y L R K Q L D L P K N R C F S T G T S L D S C R L R T L I V V S N P V D V L T Y V T W K L S G L P K H R V I G S G T N L D S A R F R N I L V I S N P V D I L A Y A T Q K L S G F P K S R V I G S G T N L D S A R F R K L L I V S N P V D L L T Y V A W K I S G F P K S R V I G S G C N L D S A R F R P K A L V G N P V N S C V P V A A E I L K V F D P K R L F G V T T L D L V R A R
UniRef90_R6QJB5 UniRef90_A0A028KCN3 UniRef90_V5HXA3	I PGI I SNPADI VADYLRKQLDLPKNR <mark>C</mark> FSTGTSLDS <mark>C</mark> RLR TLI VVSNPVDVLTYVTWKLSGLPKHRVIGSGTNLDSARFR NI LVISNPVNSTVPI VSEVYKSKNPKRLFGVTTLDVVRAS
UniRef90_G2KVZ7 UniRef90_F6Z0Z7 UniRef90_W8BWF3	IFLVASNPVDILAYATQKLSGFPKSRVIGSGTSLDTGRFQ KLLIVSNPVDILTYVAWKISGFPKNRVIGSG <mark>C</mark> NLDSARFR PKALVGNPVNSCVPVAAEILKVFDPKRLFGVTTLDLVRAR
UniRef90_X1DWJ7 UniRef90_J4WAV0 UniRef90_UPI0003B4FADD	V V T N P L D A MV Y T A F K V S K F P K N R V F G M A G I L D T T R F R I L I MV T N P V D I M T Y F A V K Y S G L P A N Q V F G S G T I L D T T R L K V F M F I T N P V D V V T Y A A L K I T G L P R N Q V F G S G T V L D T S R L R
UniRef90_UPI00037AAAE6 UniRef90_H1XU66 UniRef90_Q0CKY1	PKALVGNPVNSCVPVAAEILKVFDPKNRVIGSGUNLDSARFR VVTNPLDAMVYTAFKVSKFPKNRVFGMAGILDTTRFR ILIMVTNPVDIMTYFAVKYSGLPANQVFGSGTILDTTRLK VFMFITNPVDVVTYAALKITGLPRNQVFGSGTVLDTSRLR MLLIASNPVDILTHAMQSLSQRPNNLVIGTGTLLDTSRFR MILIASNPVDILTHAMQSLSQRPNNLVIGTGTLLDTARFR FVLIISNPVNSTVPLAAKLAGYNGHLVFGSGTTLDTARFR FVLIISNPVNSTVPLAAEVAGVFDPKRLFGVTTLDVVRAE KLLIVSNP PKAVISNP
UniRef90_UPI0002655490 UniRef90_G8Y002 UniRef90_R6VD15	PKAVISNPVNSTVPIVAEVLKSKDPAKLFGVTTLDVLRAS FSGLFTNPVDLMNYVVKKVSNFKSDKVIGTGVLLDTTRYN
UniRef90_C4Y9Q7 UniRef90_H1W409 UniRef90_G1X7N9	FILVISNPVNATVALAAAVLKKLGVFNPKKLFGVTTLDSVRAE FILVISNPVNSTVPISAEVLKAFNPQRLFGVTTLDIVRAE PLAIVANPVDVLTHFTQQMSGLPKNQVLGSGTLLDSLRLR
UniRef90_U1NNZ6 UniRef90_Q7M9A7 UniRef90_F0GZ33 UniRef90_UPI000473A96F	F S G I F T N P V D L M N Y V V K K V S N F K S D K V I G T G V L L D T T R Y N P N S N P V N A T V P I A A A V L K K L G V F N P Q R L F G V T T L D S V R A E F I L V I S N P V N S T V P I S A E V L K A F N P Q R L F G V T T L D I V R A E P L A I V A N P V D V L T H F T Q Q M S G L P K N Q V L G S G T L L D S I R L R D D F V S I T T S N P V D L L N R H L Y E V G D R D R I G F G G R L D S A R F R Q E V M V S N P L D A M V Y T A I K E S G L S P L Q V L G M A G I L D S A R M A Y D G I I T N P V D V I S K V V Q E V S G L D H N K I V G S G T N L D T A R F I C Y V V A T N P O D V I T Y H V W S L S G L P R E R V I G T G T L L D S S R L R K D T V V A N P V D V L T Y F A Q K F A G L P R E Q V I G S G T F L D S A R L R L A F II T N P I N M I V P T A A E V L K A F N P R R L F G I T T L D V V R A K
UniRef90_B3M656 UniRef90_B3M656 UniRef90_D6WHN0	KDTVVANPVDVLTYFAQKFAGLPREQVIGSGTFLDSARLR LLAFITNPINMIVPTAAEVLKAFNPRRLFGITTLDVVRAK VLLIVSNPVDILTYVAWRISGIPKHRVIGSGTNIDSSRFR
UniRef90_W1U9I9 UniRef90_UPI0004407A9F UniRef90_A1U9V0	L L A FI T N PI N MI VP T A A E V L K A F N P R R L F G T T L D V V R A K V L L I V S N P V D I L T Y V A W R L S G L P K H R V L G S G T N L D S S R F R I I V V I S N P V D V V A N Y I L E K T K L P K N R V F G T G T T L D S S R L R F V L V I S N P V N S T V P L V A K Q K N V F D P K R L F G V T T L D V V R A S V V I F V T N P V D V V T Y A A S S V V D A Q P G Q I F G T G T V L D S S R F R T L L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L V I S N P V D I L T Y K A A E W M E L P N G M V F G S G C I L D S S R L T T L D V V T T T T T T T T T T T T T T T T T
UniRef90_UPI0003B41E72 UniRef90_M9VVU8	TLLVISNPVDILTYKAAEWMELPNGMVFGSG <mark>C</mark> ILDSSRLV FFLVATNP <mark>C</mark> DIITWQVWKLSGLPRSQVIGTGVWLDTTRLR

Interest		170 190 100 200
JAINGERGO GRRXY6 JAINGERGO JSHHW8 JAINGERGO JSHHW8 JAINGERGO JSHHW8 JAINGERGO JSHHW8 JAINGERGO JSHHW8 JAINGERGO JSHHW8 JAINGERGO THE SELL K T D VIN K V T II I I I I I V I L L S Q A L S R GL K JAINGERGO JSHHW8 JAINGERGO THE SELL K T D VIN K V T I I I I V I V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D VIN K V T I I I V V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I V I G G H S G Q T I L P I L L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I V I G G H S G Q T I L P I L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I V I G G H S G Q T I L P I L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I V I G G H S G Q T I L P I L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I V I G G H S G Q T I L P I L S Q A L S R G L K JAINGERGO THE SELL K T D V I V I V I V I G G H S G Q T I L P I L S Q A L S R G L K JAINGERGO THE SELL K T V I V I V I V I G G H S G Q T I L P I L S Q A L S R G L K JAINGERGO THE SELL K T V I V I V I V I V I V I V I V I V I V	UniRef90_D4AWT7	R F V S E K N T D P A D E K P V V G G H S G V T T P L T S Q S N H P D D
JAMENSO UPHONO3661EAS JAIRENSO UPHONO3661EAS JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAI	UniRef90_A1HSK3	SYLAVAFDADARDIDAYVV GEHGETMVCLTSQLTVRGVP
JAMENSO UPHONO3661EAS JAIRENSO UPHONO3661EAS JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAI	UniRef90_C5KR72	T F IV A K E L K T DIVN K IV T I PIV I G G H A GIV T I MP WF S H A T P K IV D F
JAMENSO UPHONO3661EAS JAIRENSO UPHONO3661EAS JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAI	UniRef90_J5HHW8	S F V S E L K H Q N P T T V K V P V V G G H S G P T I L P L L S Q A L S R G L K
JAMENSO UPHONO3661EAS JAIRENSO UPHONO3661EAS JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2981 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAIRENSO JAIRENSO JAIRENSO AS2982 JAIRENSO JAI		RILLADYTHUNTEVVKATUV GEHGDAOUPUWSRASIJAGVP
JAIRGE90_UP100027309B7	UniRef90_UPI0002557E87	YLLGRHUNVAAQSVHAY VLGEHGDSEVLAWSSARSG <mark>C</mark> ET
JAIRGE90_UP100027309B7	UniRef90_UPI0003661EA3	WKLIAERAGVISTSSIVIHAYII VI GEHGDTEFPLIWSKATII GTIVIP
Jinkef90	UniRef90_UPI000273D9D7	YLI GEKLGVHPTSCHGWLI GEHGDSSVPLWSGVNVAGKT
Jinker90	UniRef90_J1F5N9	VALGELF DVN DPRSIHAYI MGEHGDSEFAAYSAATIGGLP
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JniRef90_H9ULD2 JniRef90_HBULD2 JniRef90_HBULD2 JniRef90_UP1000255648F JniRef90_UP1000255648F JniRef90_UP1000255648F JniRef90_UP1000277721D JniRef90_ED2NS JniRef90_UP1000277721D JniRef90_MTCNS JniRef90_UP1000277721D JniRef90_MTCNS JniRef90_UP1000277721D JniRef90_UP100023AB9503 JniRef90_UP100023AB9503 JniRef90_UP100023AB9503 JniRef90_UP100027A04F8 JniRef90_UP100027A04F8 JniRef90_UP100027A04F8 JniRef90_UP100027A04F8 JniRef90_UP100027A04F8 JniRef90_UP100027A04F8 JniRef90_UP100029B1654 JniRef90_UP100029B	UniRef90_H3B830	FLLSEKLKINPSSVHGYII GEHGDSSVAVWSGANVAGVS
Jinker90_M5G8Y3 Jinker90_M5G8Y3 Jinker90_W7CV67 JINKer		TELLS R S C S LIN P O NIVIH G YIV LI G E H G D T S E P A WS NIVIT E G GIVIG
Jinker90_M5G8Y3 Jinker90_M5G8Y3 Jinker90_W7CV67 JINKer	UniRef90_H6C409	R F I S E I K G T D P A E E N V T V V G G H S G V T I V P L I S Q S R H P D I S
Jinker90_M5G8Y3 Jinker90_M5G8Y3 Jinker90_W7CV67 JINKer		T F WADTVGF G R G S V R I P V I G G H S G S T I L P I F S Q A L G Y D S
Jinker90_M5G8Y3 Jinker90_M5G8Y3 Jinker90_W7CV67 JINKer	UniRef90_C6D2N5	TLL CEHFSVDPRSVHGY VLGEHGESQFPAWSHVT I GGKP
JniRef90		F MI IA E HIL RIVIN A H DIVIQ A Y MIVI G E H G D S S VIDIVINS GIVINI IA GIVID
JniRef90	UniRef90_M5G8Y3	TFAAEALQEPASKLVVPVIGGHSGVTILPIFSQAQPPFLE
JAIRE190_C7RDJ3 JAIRE190_R5JMX5 JAIRE190_R5JMX5 JAIRE190_R5JMX5 JAIRE190_F7ZZM1 JAIRE190_F7ZZM1 JAIRE190_F7ZZM1 JAIRE190_G8N7X2 JAIRE190_G8N7X2 JAIRE190_B9V4F4 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_B9V4F4 JAIRE190_B9V4F4 JAIRE190_B9V4F4 JAIRE190_M7NJQ3 JAIRE190_M7NJQ	UniRef90_B9HFT0	I F V A E I M G L D P R E V D V P V V G G H A G V T L P L L S Q V K P L C S F A L A R K K T T P S Y K D V L W G N D S G N N V V D D K T P V L V S
JAIRE190_C7RDJ3 JAIRE190_R5JMX5 JAIRE190_R5JMX5 JAIRE190_R5JMX5 JAIRE190_F7ZZM1 JAIRE190_F7ZZM1 JAIRE190_F7ZZM1 JAIRE190_G8N7X2 JAIRE190_G8N7X2 JAIRE190_B9V4F4 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_M7NJQ3 JAIRE190_B9V4F4 JAIRE190_B9V4F4 JAIRE190_B9V4F4 JAIRE190_M7NJQ3 JAIRE190_M7NJQ	UniRef90_W7CV67	RLLSEKLDVAPQSLDA FVLGEHGDSQFPVWSHSSVYGKS
JniRef90	UniRef90_W1QK02	TFIISEEADKAPSAFNIIRVVIGGHSGETIIVPLIFSV <mark>C</mark> APHVYA
JniRef90	UniRef90_R5JMX5	NELAKF KIPASKI QNCRTY GGHGEQMAVFASTTTVDGDT
JniRef90	UniRef90_UPI00047A04F8	YIL LIARHOUNIAN ONIVIHAY IIAGEHGDSEIPLWSSATIGSIP
JniRef90	UniRef90_G3N7X2	YLMSERLGI HASSE NGWVLGEHGDTSVPVWSGANVAGVN
JniRef90	UniRef90_B9V4F4	FLIAQQTGVNVKNVHAY IAGEHGDSEVPLW
T	UniRef90_UPI0003945CFC	AV L G K K M R M R P S DI T D V I V W G N I S G T F Y I D L Q R A K V A F F S
T	UniRef90_A9UZ89	TLIGQELDVNASSVHAWIV GEHGDSSVPVWSSVNLAGVH
T		R F I I G D Y I K I I S P T K I V K I I P I V I G G H A G T T I L I P I M S O C O P P
T	UniRef90_UPI00029B1654	S ML A Q R L D V P P T Q V D V TI Y G E H G D S M V P I W S A A Q T A G L P
JniRef90_W0JTM0 JniRef90_V2WRK3 JniRef90_V2WRK3 R F L A G V S G A T P S D T P V T V V G G H S G A T I V P L L S Q S S Y G K A I J N R R R F L A E K L D I A A Q S I D A F I L G E H G D S Q F P V W S H S S I Y G K P J A T E L G V S V A D V J A T E L G V S V A D V J A T E L G V S V A D V J G G H S G S T L L P L L S Q V Q G V Q F S J J A T E L G V A K K K G L P A E H I R V N V I G G H S G S T L L P L L S Q V Q G V Q F S J J A E F V A K K K G L P A E H I R V N V I G G H S G S T L L P L L S Q V Q G V Q F S J J A E T C A V A T G N V H A Y M C G E H G D S E T P M W S T A S I G Q V P J J A E T C A V A T G N V H A Y I I G E H G D S E F P V W S S A S I G Q V P J J A E T C A V A T S V H A Y I I G E H G D S E F P V W S S A S I G Q V P J A T G N V H A Y I I G E H G D S E F P V W S S A S I G Q V P J A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V H A Y I I G E H G D S S V P V W S G V N V A R D V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C G T S C T A V A T G N V M C T S C T A V A T G N V M C T S C T A V A T G N V M C T S C T A V A T G N V M C T S C T A V A T G N V M C T S C T A V A T G N V M C T S C T A V A T G N V M C T S C T A V A T G N V M C T S C T A V A T G N V A T G N V M C T S C T A V A T G N V A T G N V A T G N V A T G N T		Y Y L A E E F DIL D A R N V H A Y I I L G E H G D S E F P V W S S A N I G P L S Y O I S D O I K I N R R S I T A Y L L G E H G D S S M I P W S H V T V A G K K
JniRef90_X1MTB9	UniRef90_J9NSR4	CFMAEKLGI HPSSCHGW I LGEHGDSSVAVWSGVNVAGVS
JniRef90_X1MTB9		YVI A QRYDVPVQNVEA TILGEHGDAQVPVESKVRVNGR RELAGVSGATPSDTPVTVVGGHSGATLVPLLSQSSYGKAL
JniRef90_X1MTB9	UniRef90_Q92BI0	RLLAEKLDHAAQSHDA FILGEHGDSQFPVWSHSSIYGKP
JniRef90_T1EM25		Y FILIA T EILIGIVISIVIA DIVI
JNIREF90_B2GHK9 WLIGSEAQVNTSSVHAYII GEHGDSEFPVWSSASIGQVP JNIREF90_A8Q612 FLLSEKLGIAATSCHGWII GEHGDSSVPVWSGVNVARDV	UniRef90_W2BRJ8	QLIAET CAVATGNVHAY MCGEHGDSETPMWSTASIGGVP
Jinikeriso		FILLISEKI GILAPKS <mark>C</mark> HGYI I LIGDHSVIPVWSSVNI A GTRLKD
JIRIRE9D .BEHDGS RF S Q Q N T N P P A G E A N P V V G G H S G V T V P L L S Q S N H S S L A JIRIRE9D .GIEMB9 T F Y A G K A N V P P V A E V N V P V I G G H A G U T L L P L F S Q A T P Q A N L JIRIRE9D .GIEMB9 T F Y A G K A N V P P V A E V N V P V I G G H A G D S V P V W S G V D V W G G V D V A G V R D V A P T S I H G W L L G E H G D S S V P V W S G V D V W S G V D V A G V R V A V P W A S T A K V N G V R P M C W A N V A T P H V H A A II T G E H G D S G D T I V P L V H A T A S V A D H L G V D P D Y V R G Y W I G E H G D S G D T I V P L V H A T A S V A D H L G V D P D Y V R G Y W I G E H G D S G D T I V P L V H A T A S V A D H L G V D P D Y V R G Y W I G E H G D S G D T I V P L V H A T A S V A D H L G V D P D Y V R G Y W I L G E H G D S G E P T W D Y V T G G K P J W A S T A N L S G V P M G Y M I L G E H G D S G E P M F S G V N V G G K P J M G Y M I L G E H G D S G E P M F S G V N V G G K P J M G Y M I L G E H G D S G E P M F S G V N V G G K P J M G Y M I L G E H G D S G E P M F S G V N V G G K P M G Y M I L G E H G D S G E P M F S G V N V G G K P M G Y M I L G E H G D S G E P M F S G V N V G G K P M G Y M I L G E H G D S G E P M F S G V N V G G K P M G Y M I L G E H G D S G E P M F S G V N V G G K P M G Y M I L G E H G D S G M I D F S A V M H S K W A V M A V M A V M A V M Y M A V M M M A V M M M A V M M M A V M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M A V M M M M	UniRef90_A8Q612	FLLSEKLGLAATS <mark>CHG</mark> WII GEHGDSSVPVWSGVNVARDV
Jilirikef90	UniRef90_B6HDG8	R F [S Q V Q N T N P A G E A V P V V G G H S G V T V P L L S Q S N H S S [A T E V A G K A N V P V A E V N V P V G G H A G V T L L P L E S Q A T P Q A N V
JniRef90 R5Z1A0 SEL S K Y F Q I S M D S V E N C R T Y G G H G D S E F P V W S T A N IL S G V D J N J N J N J N J N J N J N J N J N J	UniRef90_G1EMB9	FLLSERFDVAPTSIHGWII GEHGDSSVPVWSGVDVAGVR
Iniref90	UniRef90_R5Z1A0	SEL SKYFQII SMD SVE N <mark>CRT YGGHGEQMAVFASTAKVNGKP</mark>
JniRef90_M9VB37	UniRef90_Q6BM17	T FL G E L I K E T P T S L K G Q L V I G G H S G D T L V P L V H A T A S V A
Jinker90	UniRef90_M9VB37	RVVADHLGVDPDYVRGYMILGEHGPSGFPMFSGVNVGGVG
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JniRef90	UniRef90_G2LE08	SLLGEHYGVDPRSVHAY I LGEHGDTEFPVWSDARIGRLV
JAIRE690	UniRef90_A0A028KCN3	Y MAEKLGLHSSSF NGYI LGEHGDSSVPVWSGVNVAGVS
V	UniRef90_V5HXA3	R F I I S E I K K T D P A N E F V P V V G G H S G V T I V P L L S Q S N H P D I
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JniRef90_Q0CKY1	UniRef90_UP100037AAAE6 UniRef90_H1XU66	SLLSAKUGVAPQHVHGYVI GEHGDSEVLITWSI VIDII GGLQ
JRINCEISOU OF 10002030490	UniRef90_Q0CKY1	T F T Q E F S G K N P A S V K L P V V G G H S G E T L V P L F S K A T P A F Q L
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JRINEE190_UTINNZO JRINEE190_UTINNZO JRINEE190_UTINNZO JRINEE190_UTINNZO JRINEE190_UTINNZO JRINEE190_UTINNZO JRINEE190_UTINNZO JRINEE190_UTINNZO S F I F E K L G Y G S D Q I VA S V M G G H G D D M V P L P R Y S N V A G V P V R S V V L G E H G N S S V A L W S N A R I K G V P V L G E H G N S S V A L W S N A R I K G V P V L G E H G D S Q F A L W S H S T I F G Q K V R V L G E H G D S Q F A L W S H S T I F G Q K V R P H D V H A Y M L G E H G D S Q F A L W S H S T I F G Q K V R P H D V H A Y M L G E H G D S Q F A L W S S V S I G G V P V L G E H G D S Q F A L W S S V S I G G V P V L G E H G D S Q F A L W S S V S I G G V P V L G E H G D S Q F A L W S S V S I G G V P V L G E H G D S Q F A L W S S V S I G G V P V L G E H G D S Q M V P W S G V N V A G V R S V S V S I G G V P V L G E H G D S Q M V P W S G V N V A G V R S V S V S I G G K P V S I C S V S I G G K P V S I C S V S I G G K P V S I C S V S I G G K P V S I C S I G G V G S I C S I C S V S I G G V G S I C S I G G V S I G S V S I G G V S I G S I G S I G S I G S I G S V S I G G V S I G S	UniRef90_G1X7N9	GLLAQRLNVSDNSINAYVIGEHGDSQCVAWSSATVS G
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UniRef90_U1NNZ6 UniRef90_Q7M9A7	DGRDPSFESDAREDI LDSLTASAMDVIERKGATQWGPA
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UniRef90_R7YWH4 UniRef90_B3M656	E
UniRef90_D6WHN0 UniRef90_W1U9I9	LREIMGTQQDPERWDQVHKEVVNSAYEIIRLKGYTNWAIG IFDLIKEKPKTFGNDDIEKRAAFAAYEIIAGKG <mark>C</mark> TEFGIG
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UniRef90_UPI0003B41E72 UniRef90_M9VVU8	I E Y C N N M D L K W D N E I K A E N T R K M G A E I I A A K G R T H Y G I A I A D V Y L K H T G Q R L D R Q Q I A E K V R L G F E I Y A G K G C T E Y G V A
00 A RIND 0 FIRE OF IND	II IA DIZITETA II TO GARELDA GIGILIA EN ARIZIO FEILITA GARE <mark>O</mark> TE Y GIVIA

	250 260 270 280
UniRef90_D4AWT7 UniRef90_A1HSK3 UniRef90_R6RXY6	250 260 270 280 A S L L K A T Q G E K N V I E P T F V D S P L Y K D Q G E F V A S N V R L G P T A A C A V L E A I V R D S R A V L P V C T Y N P Q Y G Y V S I E M I G A A M G G K A F R W P A G T Y V S N D K Y D H I M M A W E T S I
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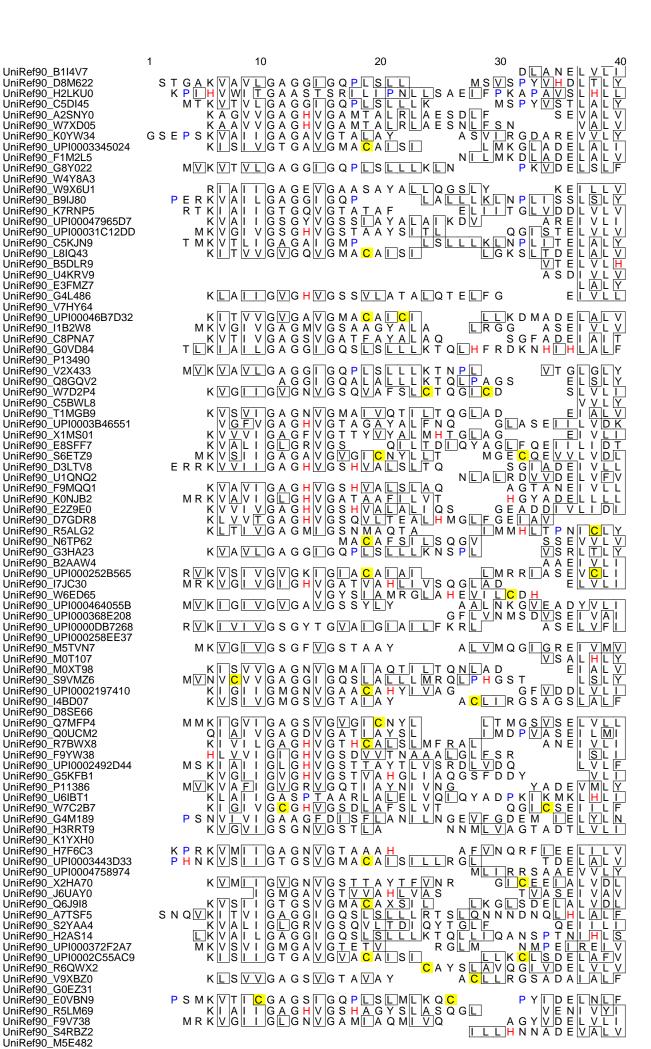
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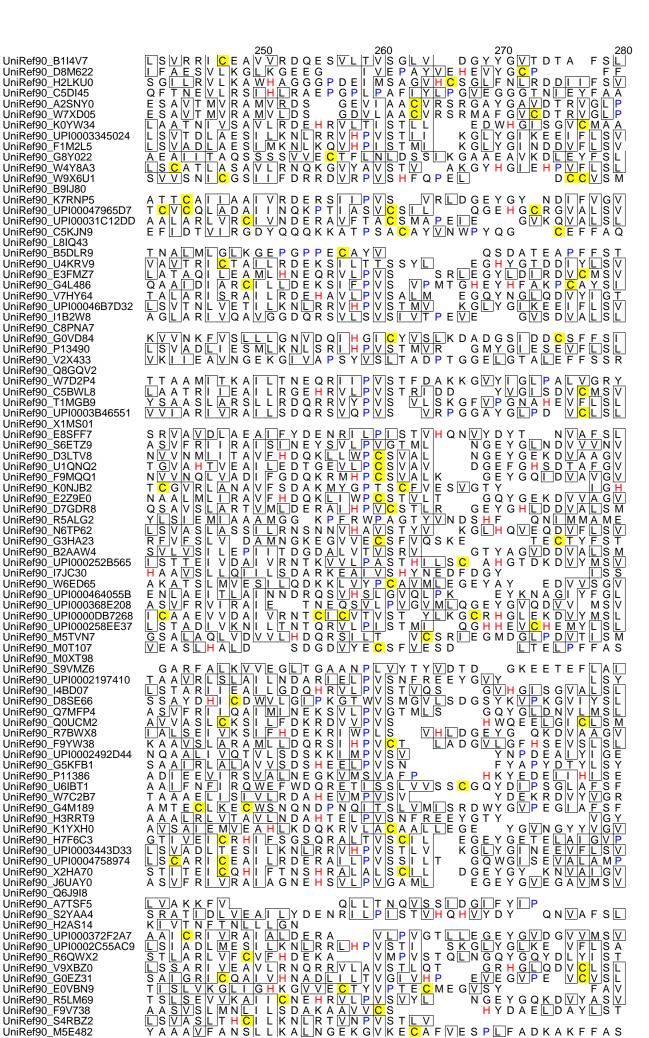
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UniRef90_Q0UCM2 UniRef90_R7BWX8	D P K K E V R D A Q I Q D L S
UniRef90_F9YW38 UniRef90_UPI0002492D44	DVDKKVR DGQALDNHQATAVAPAMTTTITAANYDA <mark>C</mark> RS DKDEKI VTAQYKDL KDGQVGLNSHLEI IKPSLQELKD
UniRef90_G5KFB1 UniRef90_P11386	DKNEKKIVIAAD AIL IDFODAAA NIL IN QHANII IYT N DYOKIL ISD
UniRef90_U6IBT1 UniRef90_W7C2B7	FYQQA V DA L KG L FD <mark>C</mark> AF L GSHA L GQFSN L PDA L DS
UniRef90_G4M189 UniRef90_H3RRT9	D QAEEKVASEAMERDMLSAVQRHTKI VAGGTDYTLLADDEVKNKNKLFELR EVLEEAALPKLSRVHISDDVDECLTHDT NELKLNSDATDFEDAAA NLPTHTTVVRNDYEALAD
UniRef90_K1YXH0 UniRef90_H7F6C3	DINQ DRVEGNRKDLADAAAFMPGKM DISVRDASDCSD
UniRef90_UPI0003443D33 UniRef90_UPI0004758974	DV HEDKLKGET MDLQHGSPF VKIPR DVDAQRVDAELL DLTHGRFF VGGWPAITGGADITSIAD
UniRef90_X2HA70 UniRef90_J6UAY0	NKELAYGHAQDLLD AAAYRQNMVKVSLRESTD <mark>C</mark> AD D QNTAKAQAEMWD <u>F</u> AHTTSFLYAKNP <u>RL</u> VAGGYA <u>D</u> TVG
UniRef90_300A10 UniRef90_Q6J9I8 UniRef90_A7TSF5	D EXKLKGET MOLQHGSPFXKMPN LVCSKDYXVTAN DV NMKVLNGV HADLSHVNTNMKLSLHDNLRDSLYD
UniRef90_A713F3 UniRef90_S2YAA4 UniRef90_H2AS14	DT NLNRAEGEAMDHRHFQSYSGTHHTKIKAGNYTDLAD LYDINKEVIDGLYADLSHIDTLSAHAANDGKGGIHAALVD
UniRef90_H2A314 UniRef90_UPI000372F2A7 UniRef90_UPI0002C55AC9	AINRTRAKAEGDIEDLHHUTALCGAYGSTPRVGDYPDLAG DVDEGKX GETVGLQHGSPFMKMPNFVSSDXYYLVTAN DVKEQKVISECQDL RDSVSYLPHRVEVRGGT YEDLKD
UniRef90_R6QWX2	DVKEQKVISE CQDL RDSVSYLPHRVEVRGGT YEDLKD
UniRef90_V9XBZ0 UniRef90_G0EZ31	DTNSAKVRAEVL DLNHGTQFAPS <mark>C</mark> RIEGSDDIAV TAG ALDLAHSAAFWGNNRFYAGD YENARD DIJG A <mark>C</mark> GVGLELSHVDTKCKVRAYTGKEQIKDSLKN
UniRef90_E0VBN9 UniRef90_R5LM69	D <u> </u> DKKKAFSQA <u>L</u> D <u> </u> <u>F</u> DS <u> </u> <u>VY</u> L PH R <u>I</u> V K <u>D</u> GDYSD DD
UniRef90_F9V738 UniRef90_S4RBZ2	DKNTAKSKAEAFDM LDAASLLNSHTQITVGDYPDLSDDV MEDKLRGEAMDLQHGSLFLKTAKLVA DTDYAVTAG
UniRef90_M5E482	S G G I G Q P C T G Y P Q E D L E K A L E G

UniRef90_B1I4V7 UniRef90_D8M622 UniRef90_H2LKU0 UniRef90_C5DI45 UniRef90_A2SNY0 UniRef90_W7XD05 UniRef90_W7XD05 UniRef90_W7XD05 UniRef90_UPI0003345024 UniRef90_UPI0003345024 UniRef90_G8Y022 UniRef90_W4Y8A3 UniRef90_W9X6U1 UniRef90_W9X6U1 UniRef90_W9X6U1 UniRef90_W9X6U1 UniRef90_W9X6U1 UniRef90_W9X6U1 UniRef90_W9X6U1 UniRef90_W9X6U1 UniRef90_UPI00047965D7 UniRef90_UPI00031C12DD UniRef90_UPI00031C12DD UniRef90_L8IQ43 UniRef90_L8IQ43 UniRef90_L8IQ43 UniRef90_B5DLR9 UniRef90_U4KRV9	A L I V I F A A GANQR P G E T R L E L A A R N V K V V R D V M D R L L R Y G A D V V L I A A G L S R K P G M V R D D L L L V N A G I A M E L A K A C A T Y C C A D V I V L L D D S V D C N R Y R E F S R L I D A K A N K Q V A N V V V I P A G K P R Q P G M S R T D N A E I M T S V C R G I R T H A P S A A E Y I V I T A G K A R Q P G M S R T D N A E I M T S V C R G I R T H A P N S A D Y I V I T A G K A R Q P G M S R T D L T A L N A A I L L E G V C K A I A P E S A D V V V V T A G A K Q K P G Q S R L D L T A L N A A I L L E G V C K A I A P E S A D V V V V T A G A K Q K P G Q S R L D L A A A T V G L M K K M I P T I S P E C S K L V I I T A G A K Q K P G G E S R L A L V Q R N V N I F K F I I P N I V K Y S P Q C S N L V V I P A G V P R K P G M T R D D L F K N A S I V R D L S Q G I A P D A S R L D L T A G A R Q R E G E S R L N L V Q R N V N I F K F I I P N I V K Y S P Q C C S N L V V I P A G V P R K P G M T R D D L F K N A S I V R D L S Q G I A P D A S R L D L V I P A G V P R K P G M T R D D L F K N A G I V K S L C T A I A K Y C C D L V V I T A G A R Q R E G E S R L N L V Q R N V N I F K F I I P N I V V S P D C C S N L V V I T A G A R Q R E G S R D L L T N E N Y A I M K N V V T S I Q Q Y Y C C G V V I L A A A A P L K A G G S R D S L L M S S C G I V D A I V V E A G F D G C D L I V I T A G A R Q R E G S R D L L T N E N Y A I M K N V V T S I Q Q Y Y C C G V V I L A A G A A Q V A G E S R M Q L L S R N A G V F A N L V P E L A G N P N A S N I I V V I T A G M P R K P G G T R D F L F D T N A P I V A K A A G L V S Q H A S D I V M I T A G M P R K P G G T R D F L F D T N A P I V A K A A G L V K Y S P D C A D I V M I T A G M P R K P G G T R D D L F R N N L V P E L A G N P N A D L V M I T A G M P R K P G G T R D D L F R N N L V P E L A K Y N P N A A D L V M I T A G M P R K P G G T R D D L F R N N A D V F A Q V I A N A A P D A A D L V V I T A G G R G C G S R D D C N N N L K I L S T I V K Y S S P D C C A D M V I L A A G A A Q V A Q K A G E S R L S L L R R N A D V F A Q V I A N A A P D A A D L V I T A G G R G C G S R D C T R D L V N K N L K
UniRef90_P13490 UniRef90_V2X433 UniRef90_W3GQV2 UniRef90_W7D2P4 UniRef90_W7D2P4 UniRef90_T1MGB9 UniRef90_UP10003B46551 UniRef90_X1MS01 UniRef90_X1MS01 UniRef90_S6ETZ9 UniRef90_D3LTV8 UniRef90_D3LTV8 UniRef90_U1QNQ2 UniRef90_F9MQQ1 UniRef90_F9MQQ1 UniRef90_F9MQQ1 UniRef90_F9MQQ1 UniRef90_B2Z9E0 UniRef90_D7GDR8 UniRef90_D7GDR8 UniRef90_B5ALG2 UniRef90_R5ALG2 UniRef90_R5ALG2 UniRef90_R5ALG2 UniRef90_R5ALG2 UniRef90_R5ALG2 UniRef90_N6TP62 UniRef90_B2AAW4 UniRef90_UP1000252B565 UniRef90_I7JC30	A E V V I I P A G V P R K P G M S R D D L F K I N A G I V R G L A N G V A T T C A N V V L I X X G V A R X P G M D R S D L F N V N A G I V R N L I Q Q V A D T C A D V V I L A A G P E M M A Q E D R D E T L A I L D D V L P K L L H T A F H G A D V V V F T A G A K Q H P G Q S R M D L A E R V R E V M P R L V A M T P D A S D L A L I T V P R E R M D Q L R R N V A L L R E V V P T V A E G S P E S A Q V I V L S A G A S Q G P D E T R L D L L R R N A R I F E Q I I A E H A P N A A N L I V V T A G A K Q T P G Q S R L E L T Q R N A D I V K S I C K C D S E A A V D L I I S A S I P S N A D M A D R T N T K I Q E I M A Q I T A V T T S P S D A V V I T A G A Q I K V G Q D R L E I G H I N A K I T V E I A E R Y T P N A A Q I L V T A F G R S R R P G E N R L D L F D D S I R M A N E I I K Q H S F Q G S E V V I T A G G R S R R A G E N R L D L A E D N A P I M E N I Q F K G V D V I T A F G R S R R A G E N R L D L F D D S I R M A N D I I K H I Q F K G V D V I T A F G R S R K P G E T R L D M F D R M A D E V V S R L K T V D F K G A D I L V T A F G R S R K P G E T R L D M F D R M A D E V V S R L K T V D F K G A D I L V T A F G R S R K P G E T R L D M F D R M A D E V V S R L K T V D F K G A D I L V T A F G R S R K A G M T R E D L L K G N A Q I G K N V K A Y A P D A K S K L C I T A G V R Q K E G E S R L D L V Q R N T D V L K H I V V Q Y S P D T C D V V V I P A G V P R K P A E V F K K H A V I P A G V P R K P A C V I I C T P E T Q P G E N Q N V K H N L K V F K K I I P Q I A A A A A A C S V A D V V I S A L G H I H K P D G D R K A N L P M A K Q V G A D L K K S V G F N C T S C T C T C T C T C T C T C T C T C
UniRef90_W6ED65 UniRef90_UPI000464055B UniRef90_UPI000368E208 UniRef90_UPI0000DB7268 UniRef90_UPI000258EE37 UniRef90_M5TVN7 UniRef90_M0T107 UniRef90_M0XT98 UniRef90_S9VMZ6 UniRef90_UPI0002197410 UniRef90_UPI0002197410 UniRef90_UPI0002197410 UniRef90_UPI0002197410 UniRef90_UPI0002197410 UniRef90_Q7MFP4 UniRef90_Q7MFP4 UniRef90_Q7MFP4 UniRef90_Q7BWX8 UniRef90_UPI0002492D44	S DI V V I T A G A Q M Q K G Q T R D D L V R V N T A I M R D L I A Q I E R Y S A T V C V I T I G D R Q D P S T L L E Q N L N I F K D V I P K V C K Y A P N S S K V V I L A A G V R Q V K G E T R L D L V K R N T E I L K N I V V N Y S P N A S H V V I V A A G I N Q R P G E S R L K L L Q R F R D V I P K I V E H A P H A Q V D V V V I P A G V P R K P G M T R D D L F N I N A G I V K T L I E A V A D N C S D L V I V T A G A R Q I P G E T R L N I L Q R F N V A L Y R K I V A E H S P D A A D V I L L G G D H P N R F G E L K P T G D D V K E V A A K I K Q T K F H G A D V I L L G G D H P N R F G E L K P T G D D V K E V A A K I K Q T K F H G A D V I L L G G D H P N R F G E L K P T G D D V K E V A A K I K Q T K F H G A D V V I T A G A K Q K K G E S R A D L I G R N K S I Q S A I N D M S R P D T A D I L V N A I G R S R K E G E T R L D M F E D S I E R L K D I I P K I K N T K A D V I I V S A G P H D S R N S L A Q V N S K V L R E V M G N I C Q Y T H S A T D I I I F S A G S V Q Q G S G N R F D E L N Y T K K V A D E W G P K I K Q S G A D I V V I C A F G D I D N P N A D R F A E L S L T S S Q V P E I A K S V G F N G A D L V I D V V P R K R I D W L K R R F D Y F T S L G E N I C K Y A D S N A A D L I V M A I G P T E D R M E E L K E T S A A V R S I V P Q I M K A G F D G A K Q V I I L D V V P R K R I D W L K R R F D Y F T S L G E N I C K Y A D S N A A D L I V M A I G P T E D R M E E L K E T S A A V R S I V P Q I M K A G F D G A K Q V I I L D V V P R E R F L Y F D K L G Q K M K Q K C P K S V R V A A D T F A D V V I A V G Q N D D A K H D R F V E L K V T S K A A K E V G T K L K E V G L A K N L E I M K S V A L G I K Q N A P N A L A D T F A D V V I A V G Q N D D A K H D R F F V E L K V T S K A A K E V G T K L K E V G T
UniRef90_H7F6C3 UniRef90_UPl0003443D33 UniRef90_UPl0004758974 UniRef90_X2HA70 UniRef90_J6UAY0 UniRef90_Q6J9I8 UniRef90_A7TSF5 UniRef90_S2YAA4 UniRef90_H2AS14 UniRef90_UPl000372F2A7 UniRef90_UPl000255AC9 UniRef90_R6QWX2 UniRef90_R6QWX2 UniRef90_V3XBZ0 UniRef90_G0EZ31 UniRef90_G0EZ31 UniRef90_E0VBN9 UniRef90_E0VBN9 UniRef90_FSLM69 UniRef90_F9V738 UniRef90_S4RBZ2 UniRef90_S4RBZ2	VDIAVITVT A A LK E G Q T R LD T S K L V A S L V P E M M K G G F N G C S D I I V F T A G A K Q E P G Q S R R E L A A I N A R I L A Q S L Q A Q A P H A L D I V I T T G L A Q K S R K E E L D G T S K I L E S I V P N M M K N G F N G S D V V V I T A G A Q L K Q G E S R D V L V E V N T K V I R D I V E A T S P N A S N L V I I T A G A R Q E K G E T R Q R N V A I F K L M I S S I V Q Y S P X C S N L V I I P A G V P R K P G M T R D D L F N I N A G I I K G I A Q E L D S T P V D M I I I S A S L P S T A D M A D R T N A A I L Q E I M S N I T A V T T S P S D I I V I P A G M P R K P G M T R D D L F N I N A K I I S Q L T D S L A E S C S D V V V V T A G T Y P R P G G S R D D V L E A N C A I V R E I I V E A E R Y S S N I V I I T A D A C Q L K G E T X L D N V S M F K L L I P S I I Q Y S P C C K C D I V V I S V G T L M G E D H S R K H S V E L V N S F V G R I V K A G F D G S D L I V V T A G A K Q H P G Q S R L D L A A A N V A L T R D L T P S V S P D A A D V V V I T A G V G V K P G Q T R L D L A A N V A L T R D L T P S V S P D A A D V V V I A G S S S K K T G E D P F L E N A K I A M E L A A A A C P E A A D I I V I C A G M S Q T R M D T L G D T V A V M K D I I S N I K K T K F A G A E V V I I K A L D A Q D R F Q E L K IN T P M V K A D E I N A S G F N G S K L C V V T A G V R Q K E G E S R E R N V A V F R K I I P N L A K Y S P D A A E V I L L P A G V P R K P G M T R D D L F N T N A S I V R D L A A K V A P K A

UniRef90_B1I4V7 UniRef90_D8M622 UniRef90_H2LKU0	130 140 150 160 V L L MVT N P V D V L T Y A A L R F S G L P E N A V I G S G T V L D S A R F R C A L V I T N P V N S T V P I F S E V Y K K M D P R K I L G V T I L D T L R A S K V I V S G D S V N L R C S L L V E G A H S I D S H Q F V A V A T Q L E N E A R R I L V I S N P V N S T V P V A C E T L K N L K P G K V M G V T T L D V V R A H
UniRef90_C5DI45 UniRef90_A2SNY0 UniRef90_W7XD05 UniRef90_K0YW34 UniRef90_UP10003345024	
UniRef90_F1M2L5 UniRef90_G8Y022 UniRef90_W4Y8A3 UniRef90_W9X6U1	K L L I V S N P V D L I Y V A W K N S S F P K K V I G S G C N L D S A R F C F V L V I S N P V N S T V P I V A E T L K K F N P K K L F G V T T L D I V R A N V L L V V S N P V D I L T Y V A W K L S G L P S N R V I G S G T N L D T A R F R L M I V V S H P V D V L T T L A Q K L S G L P S R Q V I G S G T F L D T V R L R
UniRef90_B9IJ80 UniRef90_K7RNP5 UniRef90_UPI00047965D7 UniRef90_UPI00031C12DD UniRef90_C5KJN9	TILVISNPUDI TYKVTE WMELSGFPRE RVIGIGIALDSLRIR LILVASNPUDI MTHUATAUSGUPPSRVIGSGTMUDTARFR
UniRef90_L8IQ43 UniRef90_B5DLR9 UniRef90_U4KRV9 UniRef90_E3FMZ7 UniRef90_G4L486	MMCI MSNPETSL VPL I YKKA GVYDRKKL LGITTL DVTRAR I I I VVSNPVDI LTYVTWKLSGLPKHRVIGSGCNL DSARFR AHAMVGI I TNPVAAEAMKKA GYYDPDRLFGVTTL DVVRAE I LLVVSNPVDI LTYVTYKLSGFPKNRVIGSGTVL DTARFR LL VVTNPVDVL TYVVQQLSGLPARRVLGSGTVL DSSRFR ML I FI TNPADTI VYL
UniRef90_V7HY64 UniRef90_UPl00046B7D32 UniRef90_I1B2W8 UniRef90_C8PNA7	KILIVSNP DSARFR
UniRef90_G0VD84 UniRef90_P13490 UniRef90_V2X433 UniRef90_Q8GQV2 UniRef90_W7D2P4	I I V V S N P V D L T Y V T WK L S G L P K H R V I G S G C N L D S A R F R F V L V I S N P V N S T V P I V A E V F K G F D P K R L F G V T T L D V V R A S P Q G V I T N P V N T T V A I A A K K A G V Y D K N K L F G V T T L D I I R A N I F L V I T N P C D V V T H F V Q E R T G W D K Q R V F G T G T A L D T A R M K
UniRef90_C5BWL8 UniRef90_T1MGB9 UniRef90_UPI0003B46551 UniRef90_X1MS01 UniRef90_E8SFF7	L L V A S N P V D M T D V A Q R S G P A A R V G S G T L D S A R F R C K G V V S N P V D L T K V A C E A S G W E R G R V G S G T V L D T A R F R F V L I S N P V N S L V P V M V N R L W S K Y P K R I M G V T K L D L V R A S I I V V S N P V D L T Y V T W K L S G P K R L F G V T T L D V D S A R F R F V L V I S N P V N S T V P I V A E V F K G F D P K R L F G V T T L D V V R A S P Q G V I T N P V N T T V A I A A K K A G V Y D K N K L F G V T T L D I I R A N I F L V I T N P C D V V T H F V Q E R T G W D K Q R V F G T G T A L D T A R M K I H V M V T N P V D V V T Y A A Q A V T G L P T Q Q L F G S G T V L D S S R M R L L V V S N P V D V L A Y A A W K L S G F P S S R V I G S G T D L D S A R L R I L V V A T N P V D V L T Y I S Q E L S T R P A G R I L G T G T L L D T A R F R V L V M V A N P V D A L T Q V A L K Q L G W P R E R V I G S G T V L D S A R F R I M M I S N P V D T M T Y I A E V Q F N Y P H H K I M G T G T M L E S T R F R I L I V V T N P C D I L T H F I I R N T N F P A H R V I S A G C V V D T A R M M I M I S V S N P A D I V C E Y I R R A M G W E R Q R C F G T G T S L E T Y R L L
UniRef90_S6ETZ9 UniRef90_D3LTV8 UniRef90_U1QNQ2 UniRef90_F9MQQ1 UniRef90_K0NJB2	DDFITVTTSNPVDLLNRHLYETGDRQVIGFGGRLDSARFR
UniRef90_E2Z9E0 UniRef90_D7GDR8 UniRef90_R5ALG2 UniRef90_N6TP62 UniRef90_G3HA23	FHGIISNPCDVVTSILQRETGLPRNQVFGTGTFLDTARMQIMINISNPADIICEYIRRAMKWEASRCFCTGTSLETYRLIEAIVITNPLDTMVYIAENEFGYPPDRVFGTGTMLDSTRLRFVVVIFNPADITGLITLLYSGLKPSQVATLAALDSTRLQILLVVSNPVDILTYVAWKLSGLPKNRVIGSGTNLDTSRFRGVYNPNKIFGVTTLDIVRAN
UniRef90_B2AAW4 UniRef90_UPl000252B565 UniRef90_I7JC30 UniRef90_W6ED65	LLIIATNPVDVLTHAALKLSGFPVERVIGSGTAMDTTRFR LLIVTRPADVMSYIAWKLSGFPSNRVLGIGTLIECARLQ
UniRef90_UPI000464055B UniRef90_UPI000368E208 UniRef90_UPI0000DB7268 UniRef90_UPI000258EE37 UniRef90_M5TVN7	V L L AI S N P V D V I I GI Y Q Q A I G L P S A Q V I G I G I Y L D I A R L K I I I P V S N P L D V M V Y V A L K E T G WE R S R V V G M S G I L D S A R M A F S G V I S N P V D D I M A C I F Q Q V T G F K P E K V I S S G T I L E T A R M K P Q A I V T N P V D V M S H V A L H A S S F P R N R V I S A G T I I D S A R F M I L L I V T A P V D I L S Y A A M K L S G F P P H R V V G L G T F L D S C R F Q V F L I V S N P V D I L A W V T W R V S G L P A N Q V I G S G T H L D S A R F R V L I I A T N P V D L M T H L A G E F A G V P T N R V V G S G T M L D T A R F R F I H I I S N P V N S T V P I A A K Q K G V Y D P K K L F G V T T L D V V R A N L L L V V S N P V D V L T Y V A W K L S G F P A S R V I G S G T N L D S S R F R V F C V T N P V N S T V A I A A Q A L K K L N K N R N L L G V S L L D S A R M K
UniRef90_M0T107 UniRef90_M0XT98 UniRef90_S9VMZ6 UniRef90_UP10002197410 UniRef90_I4BD07	FI HI I SNPVNSTVPI AAKQKGVYDPKKLFGVTTLDVVRAN L L L V V SNPVDV L T Y V A WKLSGFPASRVIGSGT NLDSSRFR V F C V V T N P V N S T V A L A A Q A L K K L N K N R L L G V S L L D G V R A T I M V V I SN P N D V M T S M Y Q Q V L G F P K E R V L G T G T L L D S A R M K V V L F V T N P V D V V T F A A A Q A V D A A P G H L F G S G T V L D S S R F R K V L V V A N P A K T N A L I L K N F A P S I P D K N T C L T K L D H N R V L
UniRef90_D8SE66 UniRef90_Q7MFP4 UniRef90_Q0UCM2 UniRef90_R7BWX8 UniRef90_F9YW38	KVLVVANPAKTNALILKNFAPSIPDKNITCLTKLDHNRVL ILIVVSNPCDLVSHFIVSNTTFKPSKVISSGCVIDTARLM LLLVANPVDALTFFAQKFSSLPKNQVIGSGTFLDSARLR FQGIITNPADVVGECLRKALEIDRFRCFSTGTSLDSLRIK PILLITNPLDVNVHIAATEFDYPTNLVVGTGTALDSARLR FNGIITNPCDVIARLLQELSELPRNHVFGTGTSLDTARMK IIVSNPVDVTSLMQYHTGFPKEKVIGTGTLLDTARMK
UniRef90_UPI0002492D44 UniRef90_G5KFB1 UniRef90_P11386 UniRef90_U6IBT1 UniRef90_W7C2B7	FNGI I TNPCDVI ARL LQELSELPRNHVFGTGTSLDTARMK LIIVI SNPVDVVTSLMQYHTGFPKEKVIGTGTLLDTARMK MYI MVANPVDMMASVFMKYSG ENTISTGNQVEMRMR RVVVAGSPLNFDVTLHKACKGRISSKNI VGIPRALEYFVK
UniRef90_G4M189 UniRef90_H3RRT9 UniRef90_K1YXH0 UniRef90_H7F6C3	MYI MVANP V DWMAS V F MK Y S G ENTIST GNQVE MR MR R V V V A G S P L N F D V T L H K A C K G R I S S K N I V G I P R A L E Y F V K I F M N I T N P C D V I T Q I I A K E S G L G K E R V F G T G T A L D T M R M R F M E M T T P T C F D V T T L H R R T K G K I P P A Q I V G L V K P L E L R A R F H G V I S N P C D V I A A L F Q K Y T G L P K T Q V I G T G T L L D T S R M K F V V V I S N P L D A M V Y T M K K I T G F P K N R V V G M A G V L D S A R F R I F L V A T N P C D I I T Y Q V W K L S G L P K N R V L G T G V W L D T T R L R
UniRef90_UPI0003443D33 UniRef90_UPI0004758974 UniRef90_X2HA70 UniRef90_J6UAY0 UniRef90_Q6J9I8	I FL VATNPCDAILTY QVWKLSGLPKNRVLGTGVWLDTTRLR KMI VVSNPVDI LTYVAWKLSEFPPNRVTGSGCSLDTARFR VI VI VSNPCDALTVVAQEATGLPPNRIFSSGTVLDSSRLR I FL VATNPCDAITY QVWKLSGLPRHRVI GTGVWLDTVRLR I VL MVTNPVDVMAQVALTYSSFPKSRVI GLGTI VDTARFM KLII VSNPVDI LTYVAWKLSAFPKNRVLGSCNLDTARFM
UniRef90_A7TSF5 UniRef90_S2YAA4 UniRef90_H2AS14 UniRef90_UPI000372F2A7 UniRef90_UPI0002C55AC9	FVLLISNPVNSLLPVLQSVLNDVYLGRCFGLTELDLVRAS HIIMISNPVNSLLPVLQSVLNDVYLGRCFGLTELDLVRAS HIIMISNPVNSLVPVVCNRLISHHKKRLLGITNLDLVRAS PEAL VTVPVEVIT QVALNHTGFRKGHLIGSGTLIDTMRLV LIFYSSPMDIL TYLAWKLSAFPKNRVIGSGCNLDTARF VIVFVSNPVDIVTRAAIAATGVSDGRIFGSGTVLDSARFR VIVFVSNPVDIVTRAAIAATGVSDGRIFGSGTVLDSGRLR IYVIATNPCDVLAGVVFDRLRCARERVISTGTSLDTGRLR LIAVVMNPLNSIVPVCELLKRCARERVISTGTSLDTGRLR
UniRef90_R6QWX2 UniRef90_V9XBZ0 UniRef90_G0EZ31 UniRef90_E0VBN9 UniRef90_R5LM69	I FI VITNPCDI I ARQVQKLSGFPSSRVFATGTGLDSARFR VIVFVSNPVDI VTRAALAATGVSDGRIFGSGTVLDSGRLR I YVIATNPCDVLAGVVFDRLRCARERVISTGTSLDTGRLR LIAVVMNPLNSI VPVVCEILKRFDPNRVFGITTLDCVRAN LIAVVMNPADVITHYIQNQLSYDYKKIISTSTTLDSARLR
UniRef90_F9V738 UniRef90_S4RBZ2 UniRef90_M5E482	I I INI SNPADVI THYIQNQLSYDYKKI ISTSTTLDSARLR VELI VTNPNDVI AQLYSQALNLPKNQVEGTGTYLDSARLH VLLI VSNPVDI LTFVAWKLSGFPVHRVI GSGTNLDSARLR HML I I SNPVNSTVPI VAKKAGVYDPKRLFGVTTLDVTRAS

	470
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UniRef90_F1M2L5 UniRef90_G8Y022	Y
UniRef90_W4Y8A3	FLLGEKLGNAPSSVHGYLI GEHGDSSVAVWSSTTVAGVS
UniRef90_W9X6U1 UniRef90_B9IJ80	RMLADRFEVATGPVSAY V LGEHGDSQFVAWSLASI DGVP TFYAGKVKVPVAEVNVPVVGGHAGI TI LPI FCH
UniRef90_K7RNP5	
UniRef90_UPI00047965D7 UniRef90_UPI00031C12DD	R T.I. A D Y A E L S T G V I N G Y I V G E H G D G M V P V W S H V T V G G I P S L L A E R F R V S P S S A H A Y V P G E H G D S E V L I W S T A Q V A G V P
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UniRef90_C8PNA7 UniRef90_G0VD84	YVLSKE <mark>C</mark> GVDARNIHGY ILGEHGDSEFAAWSMTTIAGQR TFLHEDITPRTNDMPDVPVIGGHSGTIMPLFSQSRSYKSL
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UniRef90_UPI0003B46551	ALLGQYYSVDPRSVHAY I LGEHGDSEVPLWSNATI AGQP
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UniRef90_S6ETZ9	KIIADKVKIDPKNVFGYVMGEHGANSFIPWSIVNIAGQK
UniRef90_D3LTV8 UniRef90_U1QNQ2	R
UniRef90_F9MQQ1 UniRef90_K0NJB2	RVLSRRTGINRRDINGFCM GEHGNSGFIVWSHVYLRNTP RVLSRRTGINRRDINGFCM GEHGNSGFIVWSHVYLRNTP RVVGEKLGQDPRNVSGFN LGEHGSSQFTAWSTVNVNNKS RVIGNLTGYARRSIQGFC LGEHGNSGFIAWSTVNVNNKS RVIGNLTGYARRSIQGFC LGEHGNSGFIAWSTVRINGRP QLIAAHCMVAPSSVQGYMMGEHGLTAFPVLSRLTVGGYR
UniRef90_E2Z9E0	RVIGNLTGYARRSIQGFC LGEHGNSGFLAWSTVRINGRP
UniRef90_D7GDR8 UniRef90_R5ALG2	QLIÂA <mark>HC</mark> MVAPSSVQĞY MMĞEHĞLTAF <u>PVL</u> SRLTVĞĞYR N <u>E</u> L <u>V</u> KY <u>F</u> K <u>M</u> PAAKIENS <u>RT</u> YGGHGEQMAVFA <u>ST</u> TK <u>VD</u> G <u>KP</u>
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UniRef90_G3HA23 UniRef90_B2AAW4	HEILIGKOFGIVIN PRNIVL HAIV LLIGEHGDSQILIPIVIWSILIASILIAGMR
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UniPof00 MOT107	T E IVIA O K K NII IKII IT
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UIIII \GI 3U_IVIUL40Z	I I ILIO OLLA O O NI DDI AMIF WI O O II O O WI I WELLO WA WWG 5 5 5

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UniRef90_E3FMZ7	
UniRef90_G4L486 UniRef90_V7HY64	YDKTYFPEVALLTAEEIKEKVVQAAYDVFAAKNGTNVAVA IADWAKNEVTDEELAQIEDD <u>TRH</u> KAYTIIN <u>K</u> KGATFYGIG
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UniRef90_G0VD84	DRDQINYLVHRVQYGGDEVVKAKNGLG SATLSMAHAAF LQEEMGTDNDSENWKEVHKMVVESAYEVIKLKGYTNWALG
UniRef90_P13490 UniRef90_V2X433	G V D D A L V <mark>H</mark> R Q F G G D E V V K A K D G A G S A T L S M A <mark>H</mark> A G Y E F A
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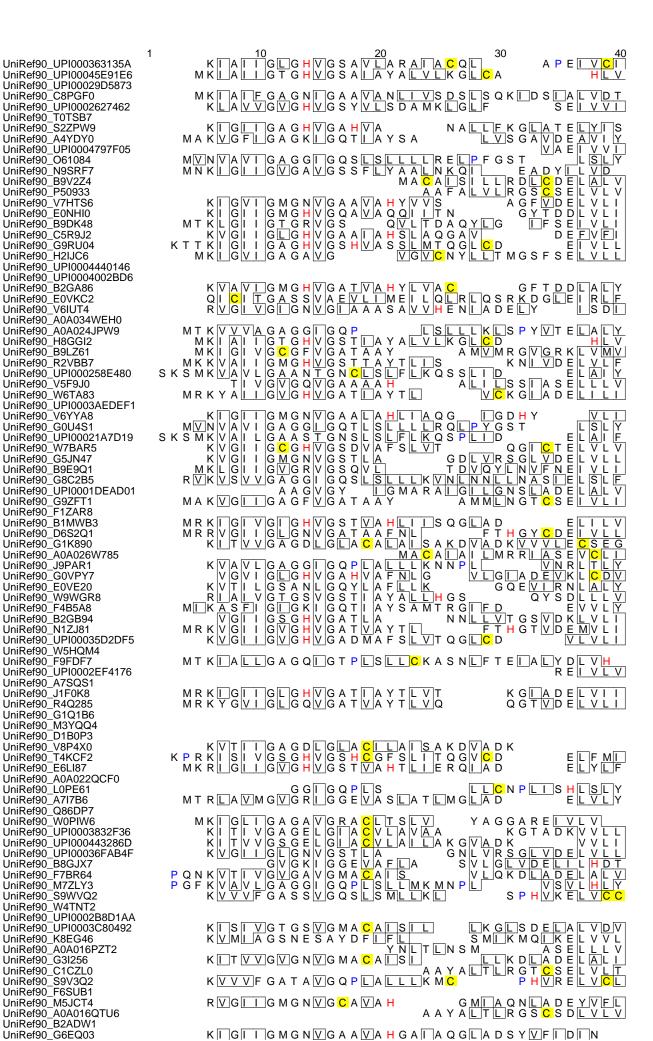
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D L D P S A R N A Q I E D L S D V T Y S T N S S T R V R S A T Y H E A A Q

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                                                                                                                                                                                                                                                                                                      WT NT GI
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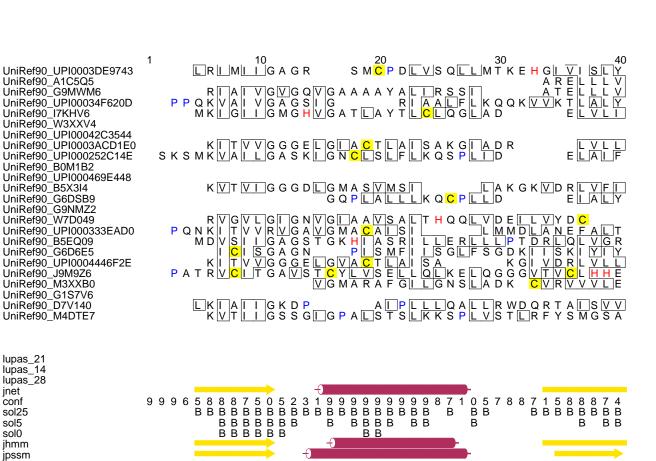
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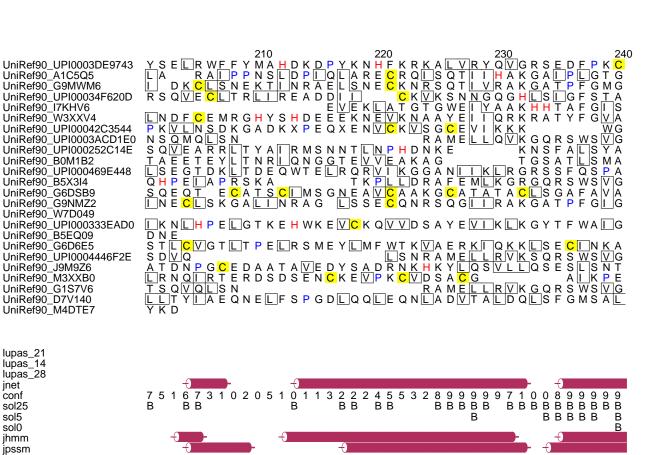
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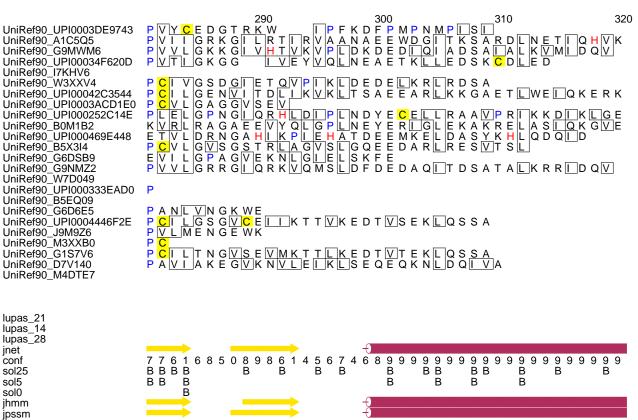
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