	1 10 20 30 40
QUERY	AYRPSETL <mark>C</mark> GGELVDTLQFV <mark>C</mark> GDRGFYFSRPASRVSRRSR
UniRef90_G3T788	AYRPSETL CGGEL VDTL QFV CGDRGFYFSRPSRHSPRRSR
UniRef90_M9UYM3 UniRef90 Q90WW4	A E T L
UniRef90_UPI0004575601	TATETL CGGEL VDTLQFV CGERGFYFSRATGNSRRQNR
UniRef90_Q673F3	HSQSETL CGGEL VDTLQFVCGDRGFYFGRSPSRTNRRKK
UniRef90_A7BK21	A E T L <mark>C</mark> G G E L V D A L Q F V <mark>C</mark> G D N G F Y F S R P T S R N R R P Q K R A S E T L <mark>C</mark> G S E L V D A L Q F V C G D R G F Y F H P S S R S H G R P K K
UniRef90_Q8AV14 UniRef90_H3A5N5	AFGPPETL CGGEL VDTL QFV CGDRGFYFSRPTGRSTKRPN
UniRef90_Q0ZNA9	A E T L <mark>C</mark> G G E L V D A L Q F V <mark>C</mark> E D R G F Y F S R P N S H R R P Q N R
UniRef90_UPI000443D527 UniRef90_J3QJZ9	A
UniRef90_B7TY34	TTETL CGGEL VDTLQFV CGADGFY SPNRFNGRRPQT
UniRef90_Q91442	T T E T L C G G E L V D T L Q F V C G A D G F Y T S P N R F N G R R P Q T E T L C G A E L V D A L Q F V C G D R G F Y F N K P A G Y R R R P H R
UniRef90_I6T666 UniRef90_UPI00032AE085	E T L C G A E L V D A L Q F V C G D R G F Y F N K P A G Y R R R P H R E T L C G A E L V D A L Q F V C G E R G F Y F S K P A G Y G G S R R R A T A A P E T L C G A E L V D A L Q F V C G D R G F Y F N K P S S S R R A Q Q T
UniRef90 UPI0003C16947	A T A A P E T L C G A E L V D A L Q F V C G D R G F Y F N K P S S S R R A Q Q T A E T L C G S E L V D T L Q F V C G E R G F Y F S R R Y S Y A K K S S R
UniRef90_V9KLX5	EML CGSEL VDTLQFVCGDRGFYFSRSTSYLKRPNK
UniRef90_B6F213 UniRef90 Q91443	A E T L C G S E L V D T L Q F V C G E R G F Y F S R R Y S Y A K K S S R E M L C G S E L V D T L Q F V C G D R G F Y F S R S T S Y L K R P N K E T L C G A E L V D T L Q F V C G E R G F Y F S K P T G Y G T R R S R E T L C G S E L V D T L Q F I C A E R G F Y F S K V V G R R S R Q N R A T A G P E T L C G A E L V D A L Q F V C G E R G F Y F N K P T G Y R R V P Q T A A A G S E T L C G A E L V D T L Q F V C G D R G F Y F H K A T R G R G Q G H K
UniRef90_F7IBU6	A T A G P E T L C G A E L V D A L Q F V C G E R G F Y F N K P T G Y R R V P Q T A A A G S E T L C G A E L V D T L Q F V C G D R G F Y F H K A T R G R G Q G H K
UniRef90_UPI0003C18859	A T A G P E T L C G A E L V D A L Q F V C G E R G F Y F N K P T G Y R R V P Q T A A A G S E T L C G A E L V D T L Q F V C G D R G F Y F H K A T R G R G Q G H K G E L V D A L Q F V C E D R G F Y F S R P T S R G S N R R P
UniRef90_U6BY72 UniRef90_P16501	G
UniRef90_UPI0004418DCE	AAAGSETLUGAELVDTLQFVUGDRGFYFHKATRGRGQGHK GELVDALQFVCEDRGFYFSRPTSRGSNRRP AAAGPETLCGAELVDTLQFVCGDRGFYFSKPTGYRRSHHR PNQHLCGSHLVEALYLVCGDRGFYYSPRSRRNMEQKR RSKELLCGSELVDTLQFTCGPTGFYVSKGASFRNRNRP
UniRef90_Q90WX8	R S K E L L C G S E L V D L L Q F I C G P T G F Y V S K G A S F R N R N R P V N Q H L C G S H L V E A L Y L V C G E R G F F Y T P K T R R E P K Q K R S H L R M Q K L C S R S L S D A L Y L V C R E R G Y N E P F S Y S G E D E P R P
UniRef90_G3TLG9 UniRef90_E2AZ92	VNQHLCGSHLVEALYLVCGERGFFYTPKTRREPKQKR SHIRMQKLCSRSLSDALYLVCRERGYNEPFSYSGEDEPRP
UniRef90_Q6V293	ETL CGAEL VDTL QEV CGDRGFYFSKPTGYGPNHNR
UniRef90_F7AUL3 UniRef90_B1A4F5	VNQHL <mark>C</mark> GSHLVEALYLVCGERGFFYTPKTREAEQKR TRAEYL <mark>C</mark> GSTL <u>A</u> DVLSFV <mark>C</mark> GNRGYNSQPRRSPHLRRRR
UniRef90_B1A4F5 UniRef90 Q9I8Q7	NQYLCGSTLADVLSFVCGNRGYNSQPRRSPHIRRRR NQYLCGSHLVEALYMVCGDRGFFYSPRSRRFQK <u>R</u> KP
UniRef90_UPI0003C2AA25	A N Q R L I <mark>C</mark> G S H L V ID A L IY IL V I <mark>C</mark> G E R G F F Y S F Q Q Q E Y E K IV IK R
UniRef90_UPI00038E9FC0 UniRef90_P12706	V N K H L C G S H L V D A L Y L V C G D R G F F Y T P M A R R E L E Q K R V N Q H L C G S H L V E A L Y L V C G D R G F F Y Y P Q P Q E Y Q K M K R
	VNQHLCGSHLVEALYLVCGDRGFFYYPQPQEYQKMKR PTQRLCGSHLVDALYFVCGERGFFYSPKPIRELEPLL AAAGSQTLCGAELVHTLQFVCGERGFYFNKPTGYGASPRR
UniRef90_P68991 UniRef90_D3JXA8 UniRef90_Q62587	PTQRLCGSHLVDALYFVCGERGFFYSPKPTRELEPLL AAAGSQTLCGAELVHTLQFVCGERGFYFNKPTGYGASPRR
UniRef90_Q62587 UniRef90_H2RQ77	VNQHLCGSHLVEALYLVCGERGFFYTPKFRRGVRQKRAMAPPQHLCGSHLVDALYLVCGDRGFFYNPKRQMEMMVKRVNQHLCGSHLVEALYLVCGERGFFYSPKARRFEKVKR
UniRef90_P51463	VNQHL CGSHL VEALYL V CGERGFFYSPKARRFEKVKR
UniRef90_UPI00045DE4DE	VSQHLCGSHLVEALYLVCGERGFFYTPKTRRETRQQR SETLCGSELVDTLQFVCDDRGFFFRRGAHRRSRARK
UniRef90_P22618 UniRef90_UPI0003F14278	SETLCGSELVDTLQFVCDDRGFFFRRGAHRRSRARK VNQHLCGSHLVEALYLVCGERGFFYTPKTRRGSRQQR
UniRef90 UPI0003C1994C	ANEML CGSEL VDTLQFV CGDRGFFFS RLPGRRDKS
UniRef90_K7G107	ANQHLCGSHLVEALYLVCGERGFFYSPKARRDLEQKR VNQHLCGSHLVEALYLVCGERGFFYTPKARREPPQKR
UniRef90_UPI000444346F UniRef90_UPI0002C5732F	A N E M L C G S E L V D T L Q F V C G D R G F F F S R L P G R R D K S A N Q H L C G S H L V E A L Y L V C G E R G F F Y S P K A R R D L E Q K R V N Q H L C G S H L V E A L Y L V C G E R G F F Y T P K A R R E P P Q K R A Y R P S E T L C G G E L V D D L L E F V C G D R G F Y F S K X G K G E G V H S R T E G A R A R C G R E L V D D L L E F V C G D R G F Y F G K P S G G P R S R G K Q H L C G S H L V D A L Y L V C G D R G F F Y N P R R Q M E M M V K R
UniRef90_F1QNT1	A Y R P S E T L C G G E L V D T L Q F V C G D R G F Y F S K X G K G E G V H S R T E G A R A R C G R E L V D D L E F V C G D R G F Y L G K P S G G P R S R G K Q H L C G S H L V D A L Y L V C G D R G F F Y N P R R Q M E M M V K R
UniRef90_P81025	QH <mark>C</mark> GSHLVDALYLV <mark>C</mark> GDRGFFYNPRRQMEMMVKR
UniRef90_UPI00032AD9AC UniRef90_V8NQM1	VN Q H L
UniRef90_B5FWC2	VNQHLCGSHLVEALYLVCGERGFFYMPKARRDVDQKRPNQRLCGSHLVEALFLICGERGFYYSPRARRNLEQKRNQHLCGSHLVEALYLVCGERGFFYTPKARRDTEQKR
UniRef90_UPI0003C15011	A N Q H L <mark>C</mark> G S H L V E A L Y L V <mark>C</mark> G E K G F F Y S P R G R R E [E Q K R <u>A</u> N Q H L <mark>C</mark> G S H L <u>A</u> E A L Y L V <mark>C</mark> G E R G F T Y P F K E Q G E M K <u>V</u> K R
UniRef90_W5MUL1 UniRef90_Q5BVF5	VNKHLCGSHLVDALIYLVCGDRGFFYTPMA
UniRef90_F4X8S7	SHQRMQKL CSRKLSDALQVMCRDRGYFYSNEDESRIDPGP
UniRef90_P04667 UniRef90_P01327	A A Q HIL IC G S HIL VID AIL IYIL VI <mark>C</mark> G E K G F F Y T P K R Q T E M M V K R
UniRef90_Q9W7R2 UniRef90_P01333 UniRef90_P06306 UniRef90_P67968 UniRef90_D37294 UniRef90_F1QAE3 UniRef90_I7GSK6 UniRef90_W5MUN8 UniRef90_U3KAN7	AVLPPQHLCGAHLVDALYLVCGERGFFYTPKRQMEMMVKR
UniRef90_P01333	ANQHL CGSHL VEALYL V CGERGFFY SPKTQHEEY QXX
UniRef90_P05306	VIN QHILLOGSHILVEALIYILVOGERGEEVS
UniRef90_D3Y294	A Ĕ Y L <mark>Č</mark> Ğ Š T L Á D V L S Ē V <mark>Č</mark> Ğ N R Ğ Y N S Q P R R S L G E R R R R
UniRef90_F1QAE3	PSQHLLCGSSLVDALLYLVCGPRGFFYTNRGRRDMKMKR
UniRef90_I/G3K6 UniRef90_W5MUN8	ANQHL CGSHL VEALIYL VCGEKGFFYNPNOOGEMKVKR
UniRef90_U3KAN7	VSQHL CGSHL VEALYL V <mark>C</mark> GERGFFYQPKÄRRDVEQKR
UniRef90_UPI0001DEAFC4 UniRef90_O73727	NQHIL CGSHIL VIE AIL IYIL V CGERGFFYTPKARREIVEQRR
UniRef90 MAAFY5	PPQHLCGSHLVDALYLVCGPTGFFYNPKKDVEPIKKK PPQHLCGSHLVDALYLVCGDRGFFYSPKRDEMMVKRS
UniRef90_V8NHJ8 UniRef90_Q98TB1 UniRef90_Q4T1L5	ETL CGAEL VDALQEVCKPAGYGGNRRPSS SR
UniRef90_Q98TB1	Q H L
UniRef90_UPI0003EC1A12	NQHL CGSHL VEALYLVCGERGFFYTPKDRRELPOKR
UniRef90_P09476	ANQHLCGSHLVEALYLVCGEKGFFYNPN KV
UniRef90_I6TER8 UniRef90_UPI00045751B6	PTORICOSHI VIDALIVEVIOGERGEEVSPKOITROSKMKP
UniRef90_UPI00045751B6 UniRef90_UPI000333696B UniRef90_Q9TQY7	VNQHL CGSHLVEALIYLVCGERGFFYTPKTRPASRQQR
UniRef90_Q9TQY7	PNQHL CGSHL VEAL YL V CGEKGFYY
UniRef90_L5LRB0	NQHI CGSHI VEALIYI VOGERGEEYTPKDRREII PDPQ
UniRef90_Q9TQY7 UniRef90_L5LRB0 UniRef90_U5LRB0 UniRef90_W5N0B8 UniRef90_Q7LZM9 UniRef90_P67972	TATKSRCGRELLADLEFVCGDRGYYRGSQGYGRRLRGK
UniRef90_Q7LZM9	TNQYL CGSHL VEAL FL VCGDRGFFYSPKAR
UniRef90_P67972 UniRef90_H3ACE0	A N Q H L C G S H L V E A L I Y L V C G E K G F F Y A P K I K K E P M Q K R A N Q H L C G S H L V E A L I Y L V C G E K G F F Y S P R G R R F I F O K R
UniRef90_C0HJI7	ANQHL CGAHL VEAL YL V CGERGFFYTPN KV
UniRef90_P01315	NQHL CGSHLVEAL YLVCGERGFFYTPKARREPPQKR
UniRef90_P01315 UniRef90_UPI0004409F48 UniRef90_H2RZ45	
Ulliveian dag LVI	SQRL <mark>C</mark> GSHLVDALYMV <mark>C</mark> GDRGFFYSPKSRR <u>E</u> AEPK <u>R</u>
UniRef90_P12704	PSQHL CGSHL VEAL YEV CGPKGFYY LPKBZV
JniRef90_P68988	HLUGSHLVEALIYVVIGURGFFYIPS KI

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QUERY UniRef90_G3T788	GΙ	V E E	CC	F	Q R	C N	ΙL	A L	_ L	lΕΤ	⁻ Y	C	A A	A P	Α	Κ	SE	Ξ
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UniRef90_Q8AV14 UniRef90_H3A5N5	G I	V E E V E E V E E		F	S K R S	CD		AL	- L	ET	ΊΥ	C	Αŀ	(A	V V	K K	S I	
UniRef90_Q0ZNA9 UniRef90_UPI000443D527	G I G I	VEE		F	RS RG	CD		N L	- L	E (γ Υ	C	ΑŁ	(P	A	K	SE	
UniRef90_J3QJZ9 UniRef90_B7TY34	GI	V E E V E E V E E	CC	F	RS	CE	Ļ	A L	Ę	E I	Ý	Č	ΔΙ	· ·) \ <u>\</u>	ıĸ	2 1	=
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UniRef90_UPI0003C16947 UniRef90 V9KLX5	G I G I	VEE		F	R G R S	CDD		Q L L	- L	E S	3 Y 3 Y	C	A Ł	S S	R R	R T	S T	
UniRef90_B6F213 UniRef90_Q91443	G I	VIE E	C	; F (Q S	CD) ∟	IVV F	≺ IL	IE N	ИΥ	C	А	, A	١K	- 1	Νŀ	<
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UniRef90_Q6V293 UniRef90_F7AUL3	GΙΙ	V D E V E Q	CC	; T :	SII	C S	i L	YC	⊋ L	E N	۱Y	C	N		V	JK.	5	
UniRef90_B1A4F5 UniRef90 Q9I8Q7	G L G I	V E E V E Q	CCC	 	N V N T	C S		S ⊦]Y [E S				>				
UniRef90_UPI0003C2AA25 UniRef90_UPI00038E9FC0	Ğİ	V E Q V E Q V D Q	CCC	H	N T	C S	Ļ	Ϋ́C	⊋ L	E N	۱Y	C	Ν					
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UniRef90_Q62587 UniRef90 H2RQ77	G I G I	V E Q V E Q	CCC	I	G L R P	C S		Y (2 L	E N Q N								
UniRef90_P51463 UniRef90_UPI00045DE4DE	GΙ	V E Q	CC	: H :	NΤ	C S	i IL	YC	2 L	ΕN	١Y	C	N					
UniRef90_P22618	Ğİ	V E Q V E E	CCC	F	KĠ	CS	Ļ	ŖĹ	_ L	ΕN	ЛΥ	C	ΑF	۲ F	S	K	A E	Ξ
UniRef90_UPI0003F14278 UniRef90_UPI0003C1994C	GIL	V E Q V D K	C	, E (C C		۱ ۱	A T	Q L L	E 1	Y	C	ΑF	> F	•			
UniRef90_K7G107 UniRef90_UPI000444346F	G I G I	V E Q V D Q	CCC	HI	N <u>T</u> SI	CS CS	i IL	YC	Q Q L	EΝ	١Y	C	N					
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UniRef90_Q98TB1	G	V E Q	CCC	H	R P	CN		F	ìĽ	E k	(Y	C	Ñ		-	i.V	J	
UniRef90_Q4T1L5 UniRef90_UPI0003EC1A12 UniRef90_P09476	GI	V E Q V E E	CC	H	N V	C S	L	Y F Y C Y E	J L	Q F E F	Ϋ́	C	N					
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UniRef90_P26742	A Q E V A R T Y C G S H L A D T L A D L C A Q Y A P Y F W Q K A Y L G S R G K R
UniRef90_Q98TB0	NQHL CGSHL VEALYL VCGERGFFYNPKMDKRDKMKR
UniRef90_P42633 UniRef90_P12705	T Q H L C G S H L V E A L Y L V C G S N G F F F N P K D P S Q H L C G S H L V E A L Y F V C G P K G F Y Y L P K A X X F V D S L S
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