

QUERY	1	10	20	30	40																											
UniRef90_Q2J729	MW	LI	GL	LY	TA	RL	ET	PA	RS	SL	KE	KE	KR	RS	SS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_L7F587	H	MY	VG	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	SS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_D8P8G8	MT	VV	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	SS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_W8TJ09	MF	VV	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	SS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_UPI00037B2FC8	MY	VV	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	SS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_UPI00036FA842	MY	VV	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	SS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_W4LQR9	M	S	VI	GT	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_UPI00047A055C	ML	V	GT	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_C0GIV9	MA	I	GI	LT	VT	NI	FR	LD	VA	GH	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_A7H9F4	MF	V	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_W4PXU1	M	L	I	GF	VR	LE	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_F4D132	MY	V	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_UPI000366FEF2	L	P	MW	V	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS			
UniRef90_E4NHV4	MF	V	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_UPI00036DD6B8	MY	V	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_E1I124	M	V	I	GV	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_W2EVS6	MY	V	GAL	LT	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD				
UniRef90_X1N0G7	MN	V	GV	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_UPI00036B5BC2	MF	V	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_L7U758	MF	V	GV	AR	LT	LE	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_UPI0002D4AC75	M	I	GI	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_A5D0J6	M	V	V	GL	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_D5UM54	M	F	I	GA	LE	FD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_D7N8Y7	M	V	V	GT	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_G7GKT4	M	W	I	GW	IE	FD	Y	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_A4J406	M	I	V	GI	MT	VE	I	QL	GA	T	TL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_I4EGB0	M	V	I	GV	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_I4BKP4	M	W	I	GW	IE	FD	Y	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_F2JUL0	M	L	V	GI	LT	LS	FD	LD	LV	HR	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_A1R2G7	M	W	I	GW	IE	FD	Y	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_H6RVV0	M	F	T	GT	LT	AD	DL	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_UPI0003B447B7	I	M	L	V	GI	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_UPI00046FBE03	M	F	V	GI	GI	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE					
UniRef90_F5Z1V7	M	W	V	GW	IE	FD	Y	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_B8ZRE8	M	W	I	GW	IE	FD	Y	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_UPI0003769421	M	F	T	GT	LR	IE	DL	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_X0T8U8	M	R	V	SV	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_UPI0002626973	MY	V	GA	LE	FD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_L0A3Q7	M	L	G	Y	I	GT	YT	CR	LE	M	P	V	D	N	L	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS
UniRef90_K0UGV4	M	W	I	GW	IE	FD	Y	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_UPI00047884B1	M	W	V	GF	VE	FD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_UPI00028837C2		I	GI	YV	IE	CE	VI	LD	DA	NS	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_R1CT82	M	I	I	GS	CE	TE	LE	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_S0FIW1	M	L	V	SS	LT	VK	LY	A	CH	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_C8VW28	M	H	V	GA	MT	VE	LE	IE	SS	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_F5XP44	M	F	A	V	GV	TE	FD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_E3J040	M	W	I	GL	LS	VK	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_R4K3M2	M	I	I	GT	AQ	IK	LG	AN	V	H	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_L7VKA2	M	V	V	GA	LN	LT	LY	IG	GK	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_UPI000288C1CB	M	L	I	GI	LT	LE	IF	IG	AS	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS					
UniRef90_S0EU36	M	H	V	AT	LT	LT	IF	H	V	R	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_X0V770	H	M	L	L	GT	CC	AT	IE	LR	LD	DA	HR	SL	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS			
UniRef90_UPI00047AEED3	M	I	V	GT	CE	LE	LM	VD	AN	V	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_A7GHD4	M	L	I	GT	AK	IE	HL	Y	AN	V	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_UPI000345D5A5	MY	V	GA	LT	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_D1VTT4	M	N	V	GI	CC	SE	LE	IF	IG	AS	SL	KE	KE	KR	RS	LV	VR	PP	AL	VA	RE	EL	LL	RR	RR	FF	PA	SS				
UniRef90_M5E206	M	L	I	AS	CE	IE	K	LY	P	A	AT	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD	LD					
UniRef90_Q47RV0	MY	V	GA	LT	LD	LD	LD																									

QUERY	A	A	R	L	Y	G	L	D	A	W	Y	E	V	V	60	G	F	T	L	L	60	G	N	D	P	A	W	V	E	E	T	M	R	A	A	R	F	L	A	80							
UniRef90_Q2J729	V	A	E	T	G	H	H	D	L	H	R	R	A	E	I	G	M	A	V	V	V	A	N	D	R	A	H	C	V	E	V	L	C	Y	C	E	H	L	V	A	E	Q					
UniRef90_L7F587	A	A	E	V	V	G	H	L	D	L	H	R	R	A	V	L	G	L	A	V	V	V	A	N	D	V	A	H	I	T	N	D	V	L	D	D	Q	C	E	H	L	V	A	E	Q		
UniRef90_D8P8G8	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	C	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_W8TJ09	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_UPI00037B2FC8	A	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_UPI00036FA842	V	A	E	V	V	G	H	Q	D	L	H	R	R	A	V	L	G	V	A	A	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_W4LQR9	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_UPI00047A055C	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_C0GIV9	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_A7H9F4	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_W4PXU1	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_F4D132	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_UPI000366FEF2	A	A	E	S	G	N	Q	D	L	H	R	R	A	A	I	E	G	V	S	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_E4NHV4	A	A	E	V	V	G	D	Q	D	L	H	R	R	A	A	E	I	G	V	A	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_UPI00036DD6B8	V	A	E	V	V	G	D	Q	D	L	H	R	R	A	A	E	I	G	V	A	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_E1I124	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_W2EVS6	V	A	E	V	V	G	D	Q	D	L	H	R	R	A	A	E	I	G	V	A	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_X1N0G7	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_UPI00036B5BC2	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_L7U578	M	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_UPI0002D4AC75	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_A5D0J6	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_D5UM54	A	A	E	V	V	G	D	Q	D	L	H	R	R	A	A	E	I	G	V	A	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_D7N8Y7	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_G7GKT4	A	A	E	V	V	G	D	Q	D	L	H	R	R	A	A	E	I	G	V	A	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_A4J406	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_I4EGB0	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_I4BKP4	A	A	E	T	G	H	E	L	L	Y	R	R	A	G	I	G	L	A	I	V	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_F2JUL0	V	C	E	T	A	E	Q	L	H	R	R	A	V	L	I	G	L	A	M	I	A	A	A	H	T	A	N	C	D	S	T	M	D	H	I	L	D	F	F	V	A	E	A	E	A		
UniRef90_A1R2G7	A	A	E	T	G	L	Q	D	Q	H	R	R	A	L	V	I	G	A	A	V	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_H6RVV0	A	A	E	V	V	G	D	Q	D	L	H	R	R	A	V	Q	V	G	V	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_UPI0003B447B7	V	A	E	V	V	G	D	Q	D	L	H	R	R	A	V	Q	V	G	V	A	T	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_UPI00046FBE03	V	A	E	V	V	G	D	Q	D	L	W	N	K	S	E	I	G	F	S	L	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_F5Z1V7	A	A	E	T	D	S	V	D	L	H	R	R	S	G	I	G	L	A	A	V	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_B8ZRE8	A	A	E	T	D	S	H	L	L	Y	R	R	A	G	E	I	G	V	A	M	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_UPI0003769421	V	A	E	T	D	S	H	L	L	Y	R	R	A	G	E	I	G	V	A	M	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_X0T8U8	V	A	E	V	D	N	Q	D	L	W	N	K	S	E	I	G	L	A	T	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N		
UniRef90_UPI0002626973	V	A	E	V	V	G	D	Q	D	L	H	R	R	A	L	I	G	V	A	V	V	V	V	V	A	N	S	K	A	S	Q	I	N	E	V	F	N	K	V	D	F	L	A	Q	S	N	
UniRef90_L0A3Q7	V	A	R	L	D	G	L	D	S	H	D	W	E	V	I	G	A	V	T	I	A	A	S	D	P	Q	W	I	E	E	T	L	H	K	V	A	E	F	V	A	G	A	A	A			
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UniRef90_UPI00037C27B0 P M I G F L S L D I Y L P S H S S L K E K R K A R L V G I L R D R R L A K K R Y H I V S S S

UniRef90_R4Z449 V L A A R V L D L R V L G A G S S L K A K R A A L R L R L A K N R K E L A S S S S

UniRef90_A5GDZ5 M R V Y T A I F Q L H L P S R S S L K G K R S I V K S I L L A R A A S R F N V A S S S

UniRef90_E6Q0D0 M A L A R M I V E L D I P A H S S L K K D R R Q V V R S S L K D R R L A K H G F N V S S S

UniRef90_D5EEW4 Y V G F F Q V Q I L R I P A C H S S L K E R R R Q V V R S S L K D R R L A K H G F N V S S S

UniRef90_G8NR50 M P I A T L T L E L A I H A Q S S L K D R R R Q V V R S S L K D K K L R H G F N I S S S

UniRef90_UPI0003623389 M Y L G A L E L D V L L D E A Q S S L A D K R S S T V L E P V L R K E L Q R F G V N I S S S

UniRef90_Q5WFU3 A S V R C E L F I E A Q S S L A D K R S S V L Q S S V L R K V R Q R C N V S S S

UniRef90_H5SU30 M K I G V V R L T L R L H E S S L K E K R H I L L Q S S L I A Q M R R R K F N V S S S

UniRef90_F5SC69 M V V G L L D C R C R L Y S T S L K D K R R A V K S S G L S Q R L I K H R K F N I S S S

UniRef90_C6PVR5 M I V K S S I L S K L L Q N K F N I S S S

UniRef90_UPI00036A01A0 M K I L V I K V D L R A P V H S L K E K R M I V K S S I L S K L L Q N K F N I S S S

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UniRef90_D7CMF0 M V V T Y G K V E L H L P S Q S S L K E K R Q V V K S I S D R V L R K R F N I S S S

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UniRef90_UPI0003669ACF F N I S S S

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UniRef90_W0FLG7 V A D I V A Q L Q N H F H V A S S S

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