

The hydrophobicity scale used is from Eisenberg *et al* (1984) Abstract
The colour assignments **from hydrophobic to hydrophilic** are:



gi_60414603_sp	-----	-----	RS	LD	GRLQVSHRKG	LPHVIYCRLW	RWPD	LHSHHE
gi_117949830_sp	VDQWD	TTGLY	SFSE	QTRSLD	GRLQVSHRKG	LPHVIYCRLW	RWPD	LHSHHE
gi_13633871_sp	VDQWD	TTGLY	SFSE	QTRSLD	GRLQVSHRKG	LPHVIYCRLW	RWPD	LHSHHE
gi_13633914_sp	IDQWD	TTGLY	SFSE	QTRSLD	GRLQVSHRKG	LPHVIYCRLW	RWPD	LHSHHE
gi_75041393_sp	IDQWD	TTGLY	SFSE	QTRSLD	GRLQVSHRKG	LPHVIYCRLW	RWPD	LHSHHE
gi_110826300_sp	IDQWD	TTGLY	SFSE	QTRSLD	GRLQVSHRKG	LPHVIYCRLW	RWPD	LHSHHE
gi_21264050_sp	IEQWD	TSGLY	SYPD	QTRSLD	GRLQVSHRKG	LPHVIYCRLW	RWPD	LHSHHE

					160.					170.					180.					190.					200	
gi_13633932_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HSEYN	PQHSL																
gi_118573879_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HSEYN	PQHSL																
gi_13633915_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HSEYN	PQHSL																
gi_341942042_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HSEYN	PQHSL																
gi_13959533_sp	LKPLD	ICEFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HNEFN	PQHSL																
gi_13959566_sp	LKPLD	ICEFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HNEFN	PQHSL																
gi_13959559_sp	LKPLD	ICEFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HNEFN	PQHSL																
gi_82121811_sp	LKPLD	ICEFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HSEFN	PQHSL																
gi_21264062_sp	LKPLE	VCEYP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HSEFN	PQHSL																
gi_13633872_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	KRVES	PVLPP	PVLVPR	HSEYN	PQHSL																
gi_13959539_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	RRVET	PVLPP	PVLVPR	HSEYN	PQLSL																
gi_21264049_sp	LKALE	CECFP	FGSK	QKDVCI	NPYHY	KRVDS	PVLPP	PVLVPR	NSEFN	AKLSM																
gi_66774168_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	RRVET	PVLPP	PVLVPR	HSEYN	PQLSL																
gi_13959527_sp	LKPLE	CECFP	FGSK	QKEVCI	NPYHY	RRVET	PVLPP	PVLVPR	HSEYN	PQLSL																
gi_51338669_sp	LRAME	LCEFA	FNMKK	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIP	AEFPP																
gi_60414603_sp	LRAME	MCEYA	FNMKK	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIP	AEFPP																
gi_117949830_sp	LKAIEN	CEYA	FNLKK	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIL	TELPP																
gi_13633871_sp	LKAIEN	CEYA	FSLKK	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIL	TELPP																
gi_13633914_sp	LKAIEN	CEYA	FNLKK	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIL	TELPP																
gi_75041393_sp	LKAIEN	CEYA	FNLKE	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIL	TELPP																
gi_110826300_sp	LKAIEN	CEYA	FNLKK	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIL	TELPP																
gi_21264050_sp	LRAIET	CEYA	FNLKK	DEVCV	NPYHY	QRVET	PVLPP	PVLVPR	HTEIL	TELPP																

					210.					220.					230.					240.					250
gi_13633932_sp	LAQFR	NLGL	-Q	NEPHM	PHNAT	FPDSF	QQPNS	HPFPH	HSPN	--															
gi_118573879_sp	LAQFR	NLGL	-Q	NEPHM	PLNAT	FPDSF	QQPNS	HPFPH	HSPN	--															
gi_13633915_sp	LAQFR	NLGL	-Q	NEPHM	PLNAT	FPDSF	QQPNS	HPFPH	HSPN	--															
gi_341942042_sp	LAQFR	NLGL	-Q	NEPHM	PLNAT	FPDSF	QQPNS	HPFPH	HSPN	--															
gi_13959533_sp	LVQFR	NLS	-H	NEPHM	PQNAT	FPDSF	HQPNS	TPFPL	SPN	--															
gi_13959566_sp	LVQFR	NLS	-H	NEPHM	PQNAT	FPDSF	HQPNN	TPFPL	SPN	--															
gi_13959559_sp	LVQFR	NLS	-H	NEPHM	PQNAT	FPDSF	HQPNN	APFPL	SPN	--															
gi_82121811_sp	LVQFR	NLS	-H	NEPHM	PHNAT	FPDSF	QQPNS	TPFSI	ISPN	--															
gi_21264062_sp	LVQFR	NLS	-H	NEPHM	PLNAT	FPESF	QQHSG	GSSFPI	ISP	--															
gi_13633872_sp	LAQFR	NLGL	-Q	NEPHM	PLNAT	FPDSF	QQPHS	HPFAQ	YPN	--															
gi_13959539_sp	LAKFR	SASLH	SEPLM	PHNAT	YPDSF	QQPPC	SALPP	SPS	--																
gi_21264049_sp	LPRFR	RNPLHQ	TEPPM	PQNAT	FPDSF	PQQPA	NALPF	FTPN	NSP																
gi_66774168_sp	LAKFR	SASLH	SEPLM	PHNAT	YPDSF	QQSLC	PAP																		
gi_13959527_sp	LAKFR	SASLH	SEPLM	PHNAT	YPDSF	QQSLG	PAP																		
gi_51338669_sp	LDDY			-SHSIP	ENTN	FPAGI	-EPQS	NI	-PETP																
gi_60414603_sp	LDDY			-SHSIP	ENTN	FPAGI	-EPQS	NYIP	ETP																
gi_117949830_sp	LDDY			-THSIP	ENTN	FPAGI	-EPQS	NYIP	ETP																
gi_13633871_sp	LDDY			-THSIP	ENTN	FPAGI	-EPQS	NYIP	ETP																
gi_13633914_sp	LDDY			-THSIP	ENTN	FPAGI	-EPQS	NYIP	ETP																
gi_75041393_sp	LDDY			-THSIP	ENTN	FPAGI	-EPQS	NYIP	ETP																
gi_110826300_sp	LDDY			-THSIP	ENTN	FPAGI	-EPQS	NYIP	ETP																
gi_21264050_sp	LDDY			-TNSIP	ENTN	FPTGI	-EPPN	NYIP	ETP																

					260.					270.					280.					290.					300
gi_13633932_sp	PGSSS	SSTYPH	SPAS	-SDPGS	PFQMP	ADTPP	PAYLP	PPEDQM	THDTS	QPM	DT														
gi_118573879_sp	PGSSS	SSTYPH	SPTS	-SDPGS	PFQMP	ADTPP	PAYLP	PPEDPM	TQDGS	QPM	DT														
gi_13633915_sp	PGSSS	SSTYPH	SPTS	-SDPGS	PFQMP	ADTPP	PAYLP	PPEDPM	TQDGS	QPM	DT														
gi_341942042_sp	PGGSS	SSTYPH	SPTS	-SDPGS	PFQMP	ADTPP	PAYLP	PPEDPM	AQDGS	QPM	DT														
gi_13959533_sp	PA--	SSTYPN	SPAS	-SGPGS	PFQLP	ADTPP	PAYMP	PPDDQM	GQDNS	QPM	DT														
gi_13959566_sp	PA--	SSTYPN	SPAS	-SGPGS	PFQLP	ADTPP	PAYMP	PPDDQM	GQDNS	QPM	DT														
gi_13959559_sp	PA--	SSTYPN	SPAS	-SGPGS	PFQLP	ADTPP	PAYMP	PPDDQM	APDNS	QPM	DT														
gi_82121811_sp	PA--	SSTYPS	SPAS	-SGPSS	PFQLP	ADTPP	PAYMP	PPDDQM	GQDNS	QSM	DT														
gi_21264062_sp	SPASS	SGTYPN	SPAS	-SGPSS	PFQLP	ADTPP	PAYMP	PPDEQM	GQDGS	QSM	ET														
gi_13633872_sp	PGSSS	SSTYPH	SPTS	-SDPGS	PFQMP	ADTPP	PAYLP	PPEDPM	AQDGS	QPM	DT														
gi_13959539_sp	PC--	TASYPH	SPGSP	SEPE	PYQHS	VDTPP	LPYH	ATEASE	TQSGQ	PV	DAT														
gi_21264049_sp	GTGST	ATFPH	SPSS	-SDPGS	PFQMP	-ETPP	PAYMP	PPEEPM	TQDCP	QPM	DT														
gi_66774168_sp					PSS	PGHVFP	QSPC	PTSYP	PHSPGS	PSES	DS	SPYQH													
gi_13959527_sp					PSS	PGHVFP	QSPC	PTSYP	QSPGS	PSES	DS	SPYQH													
gi_51338669_sp					PPG	YLS	EDGETSD	HQMNH	SMDAG	SPN	-LSPNP														
gi_60414603_sp					PPG	YLS	EDGETSD	HQMN	PSMDAG	SPN	-LSPNP														
gi_117949830_sp																									

gi_13633914_sp	-----	-----	PPG	Y	I	S	E	D	G	E	T	S	D	Q	Q	L	N	Q	S	M	D	T	G	S	P	A	E	L	S	P	T	T	-																				
gi_75041393_sp	-----	-----	PPG	Y	I	S	E	D	G	E	T	S	D	Q	Q	L	N	Q	S	M	D	T	G	S	P	A	E	L	S	P	T	T	-																				
gi_110826300_sp	-----	-----	PPG	Y	I	S	E	D	G	E	T	S	D	Q	Q	L	N	Q	S	M	D	T	G	S	P	A	E	L	S	P	T	T	-																				
gi_21264050_sp	-----	-----	PPG	Y	I	S	E	D	G	E	A	S	D	Q	Q	M	N	Q	S	M	D	T	G	S	P	A	E	L	S	P	S	T	-																				
			.....	310	.....	320	.....	330	.....	340	.....	350																																					
gi_13633932_sp	N	-	M	-	M	A	P	G	I	H	P	D	I	H	R	G	D	V	Q	A	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_118573879_sp	N	-	M	-	M	A	P	S	L	P	S	E	I	N	R	G	D	V	Q	A	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_13633915_sp	N	-	M	-	M	A	P	P	L	P	S	E	I	N	R	G	D	V	Q	A	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_341942042_sp	N	-	M	-	M	A	P	P	L	P	A	E	I	S	R	G	D	V	Q	A	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_13959533_sp	S	-	N	N	M	I	P	Q	I	M	P	S	I	S	S	R	D	V	Q	P	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_13959566_sp	S	-	N	N	M	I	P	Q	I	M	P	S	I	S	S	R	D	V	Q	P	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_13959559_sp	S	-	S	N	M	I	P	Q	T	M	P	S	I	S	S	R	D	V	Q	P	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_82121811_sp	S	-	N	T	M	I	P	Q	I	M	P	N	I	S	T	R	D	V	Q	P	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	H	A	S	S				
gi_21264062_sp	G	-	S	S	L	A	P	Q	-	-	N	M	P	R	G	D	V	Q	P	V	E	Y	Q	E	P	S	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	Y	H	A	S	S					
gi_13633872_sp	N	M	T	N	M	T	A	P	T	L	P	A	E	I	N	R	G	D	V	Q	A	V	A	Y	E	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	R	F	H	A	S	S			
gi_13959539_sp	-	-	-	-	-	A	D	R	H	V	V	L	S	I	P	N	G	D	F	R	P	V	C	Y	E	E	P	Q	H	W	C	S	V	A	Y	Y	E	L	N	N	R	V	G	E	T	F	Q	A	S	S			
gi_21264049_sp	N	-	-	-	-	L	L	A	P	N	L	P	L	E	I	S	N	R	T	D	V	H	P	V	A	Y	Q	E	P	K	H	W	C	S	I	V	Y	Y	E	L	N	N	R	V	G	E	A	F	L	A	S	S	
gi_66774168_sp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	D	F	R	P	V	C	Y	E	E	P	Q	H	W	C	S	V	A	Y	Y	E	L	N	N	R	V	G	E	T	F	Q	A	S	S
gi_13959527_sp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	D	F	R	P	V	C	Y	E	E	P	L	H	W	C	S	V	A	Y	Y	E	L	N	N	R	V	G	E	T	F	Q	A	S	S
gi_51338669_sp	-	-	-	-	-	-	-	-	-	-	M	S	P	A	H	N	N	L	D	L	Q	P	V	T	Y	C	E	P	A	F	W	C	S	I	S	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
gi_60414603_sp	-	-	-	-	-	-	-	-	-	-	M	S	P	A	H	N	N	L	D	L	Q	P	V	T	Y	C	E	P	A	F	W	C	S	I	S	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
gi_117949830_sp	-	-	-	-	-	-	-	-	-	-	L	S	P	V	N	H	S	L	D	L	Q	P	V	T	Y	S	E	P	A	F	W	C	S	I	A	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
gi_13633871_sp	-	-	-	-	-	-	-	-	-	-	L	S	P	V	N	H	S	L	D	L	Q	P	V	T	Y	S	E	P	A	F	W	C	S	I	A	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
gi_13633914_sp	-	-	-	-	-	-	-	-	-	-	L	S	P	V	N	H	S	L	D	L	Q	P	V	T	Y	S	E	P	A	F	W	C	S	I	A	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
gi_75041393_sp	-	-	-	-	-	-	-	-	-	-	L	S	P	V	N	H	S	L	D	L	Q	P	V	T	Y	S	E	P	A	F	W	C	S	I	A	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
gi_110826300_sp	-	-	-	-	-	-	-	-	-	-	L	S	P	V	N	H	S	L	D	L	Q	P	V	T	Y	S	E	P	A	F	W	C	S	I	A	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
gi_21264050_sp	-	-	-	-	-	-	-	-	-	-	L	S	P	V	N	H	G	M	D	L	Q	P	V	T	Y	S	E	P	A	F	W	C	S	I	A	Y	Y	E	L	N	Q	R	V	G	E	T	F	H	A	S	Q		
			360	370	380	390	400																																									
gi_13633932_sp	T	S	I	L	V	D	G	F	T	D	P	S	N	N	K	N	R	F	C	L	G	L	S	N	V	N	R	N	S	T	I	E	N	T	R	R	H	I	G	K	G	V	H	L	Y	Y	V	G	G				
gi_118573879_sp	T	S	V	L	V	D	G	F	T	D	P	S	N	N	K	N	R	F	C	L	G	L	S	N	V	N	R	N	S	T	I	E	N	T	R	R	H	I	G	K	G	V	H	L	Y	Y	V	G	G				
gi_13633915_sp	T	S	V	L	V	D	G	F	T	D	P	S	N	N	K	N	R	F	C	L	G	L	S	N	V	N	R	N	S	T	I	E	N	T	R	R	H	I	G	K	G	V	H	L	Y	Y	V	G	G				
gi_341942042_sp	T	S	V	L	V	D	G	F	T	D	P	S	N	N	K	N	R	F	C	L	G	L	S	N	V	N	R	N	S	T	I	E	N	T	R	R	H	I	G	K	G	V	H	L	Y	Y	V	G	G				
gi_13959533_sp	T	S	V	L	V	D	G	F	T	D	P	A	N	N	K	S	R	F	C	L	G	L	S	N	V	N	R	N	S	T	I	E	N	T	R	R	H	I	G	K	G	V	H	L	Y	Y	V	G	G				
gi_13959566_sp	T	S	V	L	V	D	G	F	T	D	P	S	N	N	K	S	R	F	C	L	G	L	S	N	V	N	R	N	S	T	I	E	N	T	R	R	H	I	G	K	G	V	H	L	Y	Y	V	G	G				
gi_13959559_sp	T	S	V	L	V	D	G	F	T	D	P	S	N	N	K	S	R	F	C	L	G	L	S	N	V	N	R	N	S	T	I	E	N	T	R	R	H	I	G	K	G	V	H	L	Y	Y	V	G	G				
gi_82121811_sp	T	S	V	L	V	D	G	F																																													

gi_21264050_sp_	EVFAECLSDS	AIFVQSPNCN	QRYGWHPATV	CKIPPGCNLK	IFNNQEF AAL
	460	470	480	490	500
gi_13633932_sp_	LAQSVN	HGFETVYELT	KMCTLRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_118573879_sp_	LAQSVN	HGFETVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_13633915_sp_	LAQSVN	HGFETVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_341942042_sp_	LAQSVN	HGFETVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_13959533_sp_	LAQSVN	HGFEAVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_13959566_sp_	LAQSVN	HGFEAVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_13959559_sp_	LAQSVN	HGFEAVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_82121811_sp_	LAQSVN	HGFEAVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_21264062_sp_	LAQSVN	HGFEAVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_13633872_sp_	LAQSVN	HGFETEYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_13959539_sp_	LAQSVH	HGFEVVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_21264049_sp_	LAQSVN	HGFEAVYELT	KMCTIRMSFV	KGWGAKYHRQ	DVTSTPCWIE
gi_66774168_sp_	LAQSVH	HGFEVVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_13959527_sp_	LAQLLAQSVH	HGFEVVYELT	KMCTIRMSFV	KGWGAEYHRQ	DVTSTPCWIE
gi_51338669_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
gi_60414603_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
gi_117949830_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
gi_13633871_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
gi_13633914_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
gi_75041393_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
gi_110826300_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
gi_21264050_sp_	LAQSVN	QGFEAVYQLT	RMCTIRMSFV	KGWGAEYRRQ	TVTSTPCWIE
	510	520			
gi_13633932_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_118573879_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_13633915_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_341942042_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_13959533_sp_	IHLHGPLQWL	DKVLTQMGSP	LNPISSVS		
gi_13959566_sp_	IHLHGPLQWL	DKVLTQMGSP	LNPISSVS		
gi_13959559_sp_	IHLHGPLQWL	DKVLTQMGSP	LNPISSVS		
gi_82121811_sp_	IHLHGPLQWL	DKVLTQMGSP	LNPISSVS		
gi_21264062_sp_	VHLHGPLQWL	DKVLTQMGSP	LNPISSVS		
gi_13633872_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_13959539_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_21264049_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_66774168_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_13959527_sp_	IHLHGPLQWL	DKVLTQMGSP	HNPISSVS		
gi_51338669_sp_	LHLNGPLQWL	DKVLTQMGSP	SIRCSSVS		
gi_60414603_sp_	LHLNGPLQWL	DKVLTQMGSP	SIRCSSVS		
gi_117949830_sp_	LHLNGPLQWL	DKVLTQMGSP	SVRCSSMS		
gi_13633871_sp_	LHLNGPLQWL	DKVLTQMGSP	SVRCSSMS		
gi_13633914_sp_	LHLNGPLQWL	DKVLTQMGSP	SVRCSSMS		
gi_75041393_sp_	LHLNGPLQWL	DKVLTQMGSP	SVRCSSMS		
gi_110826300_sp_	LHLNGPLQWL	DKVLTQMGSP	SVRCSSMS		
gi_21264050_sp_	LHLNGPLQWL	DKVLTQMGSP	SVRCSSMS		