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ScanProsite tool

Output format: Table

Hits for USERPAT1{x-[ED]-[ED]-[ED]-x-[AILVFWMP]-x-x(1,2)-[AVP]-[VPL]-[EDVNTCGPH]-x-S-x-x-[EDTVNCGPH]-x} motif on all MsFJlCjLEK custom database database sequences :

found: 1614 hits in 626 sequences

Graphical view (graphical view with feature detection)  
shaded alignment of hits

A0A060VR78_ONCMY 681	697	USERPAT1 .	.	.
nDEEmLaa.VLEmSrqDa				
A0A060VR78_ONCMY 681	697	USERPAT1 .	.	.
nDEEmLaa.VLEmSrqDa				
A0A060VR78_ONCMY 681	697	USERPAT1 .	.	.
nDEEmLaa.VLEmSrqDa				
A0A060WGY3_ONCMY 141	158	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A060WGY3_ONCMY 141	158	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A067P993_PLE0S 93	109	USERPAT1 .	.	.
gEDDeLsr.ALNlSmeTh				
A0A067P993_PLE0S 93	109	USERPAT1 .	.	.
gEDDeLsr.ALNlSmeTh				
A0A087QTT4_APTF0 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A087QTT4_APTF0 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A087QTT4_APTF0 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A087Y5I7_POEF0 680	696	USERPAT1 .	.	.
nDDEmLaa.VLEmSreEa				
A0A087Y5I7_POEF0 680	696	USERPAT1 .	.	.
nDDEmLaa.VLEmSreEa				
A0A087Y5I7_POEF0 680	696	USERPAT1 .	.	.
nDDEmLaa.VLEmSreEa				
A0A091CKQ7_FUKDA 281	297	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A091CKQ7_FUKDA 281	297	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				

A0A091CKQ7_FUKDA 281 sEEDmLqa.AVTmSleTv	297	USERPAT1 .	.	.
A0A091CS09_FUKDA 705 sEEElLaa.VLEiSkrEa	721	USERPAT1 .	.	.
A0A091CS09_FUKDA 705 sEEElLaa.VLEiSkrEa	721	USERPAT1 .	.	.
A0A091CS09_FUKDA 705 sEEElLaa.VLEiSkrEa	721	USERPAT1 .	.	.
A0A091EF63_CORBR 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091EF63_CORBR 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091EF63_CORBR 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091FKM6_9AVES 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091FKM6_9AVES 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091FKM6_9AVES 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091IUL0_CALAN 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091IUL0_CALAN 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091IUL0_CALAN 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091JKT2_EGRGA 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A091JKT2_EGRGA 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A091JKT2_EGRGA 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A091UXJ9_NIPNI 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A091UXJ9_NIPNI 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A091UXJ9_NIPNI 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A091VMP1_OPIH0 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091VMP1_OPIH0 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091VMP1_OPIH0 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A091VP97_OPIH0 109 sEEELqr.ALEmSlaEs	125	USERPAT1 .	.	.

A0A093FZT0_DRYPU 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A093FZT0_DRYPU 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A093FZT0_DRYPU 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A093J736_STRCA 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A093J736_STRCA 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A093J736_STRCA 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A096MP66_PAPAN 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A096MP66_PAPAN 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A096NFH7_PAPAN 705	721	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A096NFH7_PAPAN 705	721	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A096NZ11_PAPAN 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A096NZ11_PAPAN 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A099ZA85_TINGU 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A099ZA85_TINGU 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A099ZA85_TINGU 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A099ZXF8_CHAVO 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A099ZXF8_CHAVO 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A099ZXF8_CHAVO 714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa				
A0A0A0MS38_HUMAN 284	300	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A0A0MS38_HUMAN 284	300	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A0A0MS38_HUMAN 284	300	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A0D2N727_9AGAR 164	180	USERPAT1 .	.	.
kEEELqr.VLEmSmqDk				

A0A0D9R8Z2_CHLSB 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A0D9R8Z2_CHLSB 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A0D9R913_CHLSB 111	128	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A0D9R913_CHLSB 111	128	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A0G4MMG8_9PEZI 816	832	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MMG8_9PEZI 816	832	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MMG8_9PEZI 816	832	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MMG8_9PEZI 816	832	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MMG8_9PEZI 816	832	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MR85_9PEZI 588	604	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MR85_9PEZI 588	604	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MR85_9PEZI 588	604	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MR85_9PEZI 588	604	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0G4MR85_9PEZI 588	604	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs				
A0A0H2UKG5_DANRE 670	686	USERPAT1 .	.	.
nDEEmLaa.VLEmSrhDt				
A0A0H2UKG5_DANRE 670	686	USERPAT1 .	.	.
nDEEmLaa.VLEmSrhDt				
A0A0H2UKG5_DANRE 670	686	USERPAT1 .	.	.
nDEEmLaa.VLEmSrhDt				
A0A0K3C6D2_RH0T0 338	354	USERPAT1 .	.	.
eEDEnLrr.ALElSraGe				
A0A0K3C6D2_RH0T0 338	354	USERPAT1 .	.	.
eEDEnLrr.ALElSraGe				
A0A0K3C6D2_RH0T0 338	354	USERPAT1 .	.	.
eEDEnLrr.ALElSraGe				
A0A0L0DRJ6_THETB 140	156	USERPAT1 .	.	.
dDDEeLqr.VLElSrlEa				
A0A0L0DRJ6_THETB 140	156	USERPAT1 .	.	.
dDDEeLqr.VLElSrlEa				
A0A0L0HM51_SIPID 254	270	USERPAT1 .	.	.
pEEdLkr.ALEqSlLEg				
A0A0L0HM51_SIPID 254	270	USERPAT1 .	.	.

pEEdLkr.ALEqSllEg

A0A0L6WE66_9AGAR 305 dDEErLlqqALVmSqeGn	322	USERPAT1 .	.	.
A0A0L6WE66_9AGAR 305 dDEErLlqqALVmSqeGn	322	USERPAT1 .	.	.
A0A0L6WE66_9AGAR 305 dDEErLlqqALVmSqeGn	322	USERPAT1 .	.	.
A0A0P7U669_SCLF0 677 nDDEmLaa.VLEmSrqDa	693	USERPAT1 .	.	.
A0A0P7U669_SCLF0 677 nDDEmLaa.VLEmSrqDa	693	USERPAT1 .	.	.
A0A0P7U669_SCLF0 677 nDDEmLaa.VLEmSrqDa	693	USERPAT1 .	.	.
A0A0P7UQA9_SCLF0 198 tDEEqAisrVLEaSiaEn	215	USERPAT1 .	.	.
A0A0P7UQA9_SCLF0 198 tDEEqAisrVLEaSiaEn	215	USERPAT1 .	.	.
A0A0P7X588_SCLF0 110 tDEEqAisrVLEaSiaEn	127	USERPAT1 .	.	.
A0A0P7X588_SCLF0 110 tDEEqAisrVLEaSiaEn	127	USERPAT1 .	.	.
A0A0Q3RFT5_AMAAE 511 sEDELlLaa.VLEiSkrEa	527	USERPAT1 .	.	.
A0A0Q3RFT5_AMAAE 511 sEDELlLaa.VLEiSkrEa	527	USERPAT1 .	.	.
A0A0Q3RFT5_AMAAE 511 sEDELlLaa.VLEiSkrEa	527	USERPAT1 .	.	.
A0A0Q9XLI1_DR0M0 568 eDDEqLqr.VLHeSlmGa	584	USERPAT1 .	.	.
A0A0Q9XLI1_DR0M0 568 eDDEqLqr.VLHeSlmGa	584	USERPAT1 .	.	.
A0A0Q9XLI1_DR0M0 568 eDDEqLqr.VLHeSlmGa	584	USERPAT1 .	.	.
A0A0Q9XLI1_DR0M0 568 eDDEqLqr.VLHeSlmGa	584	USERPAT1 .	.	.
A0A0R4J2D0_MOUSE 704 sEEEvLaa.VLEiSrrEa	720	USERPAT1 .	.	.
A0A0R4J2D0_MOUSE 704 sEEEvLaa.VLEiSrrEa	720	USERPAT1 .	.	.
A0A0R4J2D0_MOUSE 704 sEEEvLaa.VLEiSrrEa	720	USERPAT1 .	.	.
A0A0W8CIL9_PHYNI 330 dEEdIrk.ALElSlqTa	346	USERPAT1 .	.	.
A0A151N8X1_ALLMI 710 sEDELlLaa.VLEiSkrEa	726	USERPAT1 .	.	.

A0A151N8X1_ALLMI 710	726	USERPAT1 .	.	.
sEEDeLLaa.VLEiSkrEa				
A0A151N8X1_ALLMI 710	726	USERPAT1 .	.	.
sEEDeLLaa.VLEiSkrEa				
A0A168I4K6_MUCCL 304	320	USERPAT1 .	.	.
nEDDaLqr.ALEmSmnDg				
A0A168I4K6_MUCCL 304	320	USERPAT1 .	.	.
nEDDaLqr.ALEmSmnDg				
A0A168I4K6_MUCCL 304	320	USERPAT1 .	.	.
nEDDaLqr.ALEmSmnDg				
A0A178AIS1_9PLE0 1197	1213	USERPAT1 .	.	.
tDEEdLqk.ALElSmkEh				
A0A178AIS1_9PLE0 1197	1213	USERPAT1 .	.	.
tDEEdLqk.ALElSmkEh				
A0A1A6HL89_NEOLE 277	293	USERPAT1 .	.	.
sEEDiLra.AVTmSleTa				
A0A1A6HL89_NEOLE 277	293	USERPAT1 .	.	.
sEEDiLra.AVTmSleTa				
A0A1A6HL89_NEOLE 277	293	USERPAT1 .	.	.
sEEDiLra.AVTmSleTa				
A0A1D2MH25_ORCCI 153	169	USERPAT1 .	.	.
eEEEnLkk.VLElSlkEq				
A0A1D2MH25_ORCCI 153	169	USERPAT1 .	.	.
eEEEnLkk.VLElSlkEq				
A0A1D5Q7L5_MACMU 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A1D5Q7L5_MACMU 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A1D5QWL7_MACMU 283	299	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5QWL7_MACMU 283	299	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5QWL7_MACMU 283	299	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5R1Y0_MACMU 278	294	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5R1Y0_MACMU 278	294	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5R1Y0_MACMU 278	294	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5REK4_MACMU 264	280	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5REK4_MACMU 264	280	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5REK4_MACMU 264	280	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				

A0A1D5RK12_MACMU 325	341	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5RK12_MACMU 325	341	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1D5RK12_MACMU 325	341	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A1E4S9B1_CYBJN 256	272	USERPAT1 .	.	.
dDDDdLkr.ALElSlkEs				
A0A1E4S9B1_CYBJN 256	272	USERPAT1 .	.	.
dDDDdLkr.ALElSlkEs				
A0A1I7TNE3_9PELO 485	501	USERPAT1 .	.	.
dEEEdLrL.ALElSrqEh				
A0A1L8ENU6_XENLA 696	712	USERPAT1 .	.	.
nDEElMaa.VLEmSkrEt				
A0A1L8ENU6_XENLA 696	712	USERPAT1 .	.	.
nDEElMaa.VLEmSkrEt				
A0A1L8ENU6_XENLA 696	712	USERPAT1 .	.	.
nDEElMaa.VLEmSkrEt				
A0A1L8EVK7_XENLA 197	213	USERPAT1 .	.	.
tEEeALqr.ALEmSlaEs				
A0A1L8EVS5_XENLA 702	718	USERPAT1 .	.	.
nDEElVaa.VLEmSkkEt				
A0A1L8EVS5_XENLA 702	718	USERPAT1 .	.	.
nDEElVaa.VLEmSkkEt				
A0A1P8B9V9_ARATH 235	251	USERPAT1 .	.	.
dEDEqLak.AVEeSlkGk				
A0A1P8B9V9_ARATH 235	251	USERPAT1 .	.	.
dEDEqLak.AVEeSlkGk				
A0A1P8B9X5_ARATH 235	251	USERPAT1 .	.	.
dEDEqLak.AVEeSlkGk				
A0A1P8B9X5_ARATH 235	251	USERPAT1 .	.	.
dEDEqLak.AVEeSlkGk				
A0A1S2ZIA5_ERIEU 153	169	USERPAT1 .	.	.
tEDEaLqr.ALElSleEt				
A0A1S2ZIC2_ERIEU 197	213	USERPAT1 .	.	.
tEDEaLqr.ALElSleEt				
A0A1S3ERZ2_DIPOR 680	696	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A1S3ERZ2_DIPOR 680	696	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A1S3ERZ2_DIPOR 680	696	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				

A0A1S3ETC3_DIPOR 630 sEEElLaa.VLEiSkrEa	646	USERPAT1 .	.	.
A0A1S3ETC3_DIPOR 630 sEEElLaa.VLEiSkrEa	646	USERPAT1 .	.	.
A0A1S3ETC3_DIPOR 630 sEEElLaa.VLEiSkrEa	646	USERPAT1 .	.	.
A0A1S3EUR3_DIPOR 702 sEEElLaa.VLEiSkrEa	718	USERPAT1 .	.	.
A0A1S3EUR3_DIPOR 702 sEEElLaa.VLEiSkrEa	718	USERPAT1 .	.	.
A0A1S3EUR3_DIPOR 702 sEEElLaa.VLEiSkrEa	718	USERPAT1 .	.	.
A0A1S3F517_DIPOR 224 eDEEgLqr.ALTLsrqEi	240	USERPAT1 .	.	.
A0A1S3F517_DIPOR 224 eDEEgLqr.ALTLsrqEi	240	USERPAT1 .	.	.
A0A1S3F517_DIPOR 224 eDEEgLqr.ALTLsrqEi	240	USERPAT1 .	.	.
A0A1S3F517_DIPOR 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A1S3F517_DIPOR 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A1S3F517_DIPOR 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A1S3F529_DIPOR 223 eDEEgLqr.ALTLsrqEi	239	USERPAT1 .	.	.
A0A1S3F529_DIPOR 223 eDEEgLqr.ALTLsrqEi	239	USERPAT1 .	.	.
A0A1S3F529_DIPOR 223 eDEEgLqr.ALTLsrqEi	239	USERPAT1 .	.	.
A0A1S3F529_DIPOR 328 sEEDmLqa.AVTmSleTv	344	USERPAT1 .	.	.
A0A1S3F529_DIPOR 328 sEEDmLqa.AVTmSleTv	344	USERPAT1 .	.	.
A0A1S3F529_DIPOR 328 sEEDmLqa.AVTmSleTv	344	USERPAT1 .	.	.
A0A1S3F533_DIPOR 217 eDEEgLqr.ALTLsrqEi	233	USERPAT1 .	.	.
A0A1S3F533_DIPOR 217 eDEEgLqr.ALTLsrqEi	233	USERPAT1 .	.	.
A0A1S3F533_DIPOR 217 eDEEgLqr.ALTLsrqEi	233	USERPAT1 .	.	.
A0A1S3F533_DIPOR 322 sEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A1S3F533_DIPOR 322 sEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A1S3F533_DIPOR 322 sEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A1S3F545_DIPOR 173	189	USERPAT1 .	.	.



eDEEgLqr.ALTlSrqEi					
A0A1S3F545_DIPOR	173	189	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F545_DIPOR	173	189	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F545_DIPOR	278	294	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F545_DIPOR	278	294	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F545_DIPOR	278	294	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F577_DIPOR	177	193	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F577_DIPOR	177	193	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F577_DIPOR	177	193	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F577_DIPOR	282	298	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F577_DIPOR	282	298	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F577_DIPOR	282	298	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F586_DIPOR	224	240	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F586_DIPOR	224	240	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F638_DIPOR	224	240	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F638_DIPOR	224	240	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F638_DIPOR	224	240	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F638_DIPOR	328	344	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F638_DIPOR	328	344	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F638_DIPOR	328	344	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F6W2_DIPOR	173	189	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F6W2_DIPOR	173	189	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F6W2_DIPOR	173	189	USERPAT1 .	.	.
eDEEgLqr.ALTlSrqEi					
A0A1S3F6W2_DIPOR	277	293	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F6W2_DIPOR	277	293	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
A0A1S3F6W2_DIPOR	277	293	USERPAT1 .	.	.

sEEDmLqa.AVTmSleTv

A0A1S3PLF1_SALSA 663 nDEEmLaa.VLEmSrQDa	679	USERPAT1 .	.	.
A0A1S3PLF1_SALSA 663 nDEEmLaa.VLEmSrQDa	679	USERPAT1 .	.	.
A0A1S3PLF1_SALSA 663 nDEEmLaa.VLEmSrQDa	679	USERPAT1 .	.	.
A0A1S3PME2_SALSA 681 nDEEmLaa.VLEmSrQDa	697	USERPAT1 .	.	.
A0A1S3PME2_SALSA 681 nDEEmLaa.VLEmSrQDa	697	USERPAT1 .	.	.
A0A1S3PME2_SALSA 681 nDEEmLaa.VLEmSrQDa	697	USERPAT1 .	.	.
A0A1S3W742_ERIEU 198 tEDEaLqr.ALElSleEt	214	USERPAT1 .	.	.
A0A1S3W887_ERIEU 198 tEDEaLqr.ALElSleEt	214	USERPAT1 .	.	.
A0A1S3WIT1_ERIEU 279 sEEDmLra.AVTlSleTv	295	USERPAT1 .	.	.
A0A1S3WIT1_ERIEU 279 sEEDmLra.AVTlSleTv	295	USERPAT1 .	.	.
A0A1S3WIT1_ERIEU 279 sEEDmLra.AVTlSleTv	295	USERPAT1 .	.	.
A0A1U7Q4D3_MESAU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A1U7Q4D3_MESAU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A1U7SIU1_ALLSI 721 sEDElLaa.VLEiSkrEa	737	USERPAT1 .	.	.
A0A1U7SIU1_ALLSI 721 sEDElLaa.VLEiSkrEa	737	USERPAT1 .	.	.
A0A1U7SIU1_ALLSI 721 sEDElLaa.VLEiSkrEa	737	USERPAT1 .	.	.
A0A1U7TKV6_TARSY 704 sEEEllaa.VLEiSkrEa	720	USERPAT1 .	.	.
A0A1U7TKV6_TARSY 704 sEEEllaa.VLEiSkrEa	720	USERPAT1 .	.	.
A0A1U7TKV6_TARSY 704 sEEEllaa.VLEiSkrEa	720	USERPAT1 .	.	.
A0A1V2L4I6_CYBFA 259 dDDEdLkk.ALElSlqEs	275	USERPAT1 .	.	.
A0A1V2L4I6_CYBFA 259 dDDEdLkk.ALElSlqEs	275	USERPAT1 .	.	.
A0A1V4K6A6_PATFA 714	730	USERPAT1 .	.	.

sEDELlLaa.VLEiSkrEa A0A1V4K6A6_PATFA 714	730	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa A0A1V4K6A6_PATFA 714	730	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa  A0A1X2GN42_9FUNG 291	307	USERPAT1 .	.	.
dEEELqr.ALEmSmnDn A0A1X2GN42_9FUNG 291	307	USERPAT1 .	.	.
dEEELqr.ALEmSmnDn A0A1X2GN42_9FUNG 291	307	USERPAT1 .	.	.
dEEELqr.ALEmSmnDn  A0A218VAT4_9PASE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn A0A218VAT4_9PASE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn  A0A218VCA6_9PASE 570	586	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa A0A218VCA6_9PASE 570	586	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa A0A218VCA6_9PASE 570	586	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa  A0A226N991_CALSU 121	138	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn A0A226N991_CALSU 121	138	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn  A0A226NN36_CALSU 581	597	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa A0A226NN36_CALSU 581	597	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa A0A226NN36_CALSU 581	597	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa  A0A226PAP4_COLVI 407	423	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa A0A226PAP4_COLVI 407	423	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa A0A226PAP4_COLVI 407	423	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa  A0A286XUX8_CAVPO 684	700	USERPAT1 .	.	.
nEEELlLaa.VLEiSkrEa A0A286XUX8_CAVPO 684	700	USERPAT1 .	.	.
nEEELlLaa.VLEiSkrEa A0A286XUX8_CAVPO 684	700	USERPAT1 .	.	.
nEEELlLaa.VLEiSkrEa  A0A286Y2A8_CAVPO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn A0A286Y2A8_CAVPO 123	140	USERPAT1 .	.	.

tDEEqAisrVLEaSiaEn

A0A286ZIIY3_PIG 683 sEEElLaa.VLEiSkrEa	699	USERPAT1 .	.	.
A0A286ZIIY3_PIG 683 sEEElLaa.VLEiSkrEa	699	USERPAT1 .	.	.
A0A286ZIIY3_PIG 683 sEEElLaa.VLEiSkrEa	699	USERPAT1 .	.	.
A0A287AIIY3_PIG 595 sEEElLaa.VLEiSkrEa	611	USERPAT1 .	.	.
A0A287AIIY3_PIG 595 sEEElLaa.VLEiSkrEa	611	USERPAT1 .	.	.
A0A287AIIY3_PIG 595 sEEElLaa.VLEiSkrEa	611	USERPAT1 .	.	.
A0A2B4RED8_STYPI 12 eDEDeAlakALElSslEq	29	USERPAT1 .	.	.
A0A2C9F3C4_PIG 705 sEEElLaa.VLEiSkrEa	721	USERPAT1 .	.	.
A0A2C9F3C4_PIG 705 sEEElLaa.VLEiSkrEa	721	USERPAT1 .	.	.
A0A2C9F3C4_PIG 705 sEEElLaa.VLEiSkrEa	721	USERPAT1 .	.	.
A0A2C9JDB1_BIOGL 563 rEEEdFqm.VLElSrrEq	579	USERPAT1 .	.	.
A0A2C9JDB1_BIOGL 563 rEEEdFqm.VLElSrrEq	579	USERPAT1 .	.	.
A0A2C9JDB1_BIOGL 563 rEEEdFqm.VLElSrrEq	579	USERPAT1 .	.	.
A0A2C9JKV6_BIOGL 270 vDEEmLer.ALGaSlNpd	286	USERPAT1 .	.	.
A0A2C9JKV6_BIOGL 270 vDEEmLer.ALGaSlNpd	286	USERPAT1 .	.	.
A0A2C9JKV6_BIOGL 270 vDEEmLer.ALGaSlNpd	286	USERPAT1 .	.	.
A0A2D0R3W6_ICTPU 674 nDDEmLaa.VLEmSrqDa	690	USERPAT1 .	.	.
A0A2D0R3W6_ICTPU 674 nDDEmLaa.VLEmSrqDa	690	USERPAT1 .	.	.
A0A2D0R3W6_ICTPU 674 nDDEmLaa.VLEmSrqDa	690	USERPAT1 .	.	.
A0A2I0LKF1_COLLII 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A2I0LKF1_COLLII 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A2I0LKF1_COLLII 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.

A0A2I0MS83_COLLI 194	211	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I0MS83_COLLI 194	211	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2UUV1_FELCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2UUV1_FELCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2Y2A1_GORGO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2Y2A1_GORGO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2Y7T6_GORGO 316	332	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2Y7T6_GORGO 316	332	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2Y7T6_GORGO 316	332	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2YBD4_GORGO 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2YBD4_GORGO 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2YJG1_GORGO 331	347	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2YJG1_GORGO 331	347	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2YJG1_GORGO 331	347	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2YSI6_GORGO 340	356	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2YSI6_GORGO 340	356	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2YSI6_GORGO 340	356	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I2YVJ0_GORGO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2YVJ0_GORGO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2Z4Q3_GORGO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2Z4Q3_GORGO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2ZD42_GORGO 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I2ZD42_GORGO 116	133	USERPAT1 .	.	.

tDEEqAisrVLEaSiaEn

A0A2I2ZJ77_GORGO 280 sEEDmLqa.AVTmSleTv	296	USERPAT1 .	.	.
A0A2I2ZJ77_GORGO 280 sEEDmLqa.AVTmSleTv	296	USERPAT1 .	.	.
A0A2I2ZJ77_GORGO 280 sEEDmLqa.AVTmSleTv	296	USERPAT1 .	.	.
A0A2I2ZV90_GORGO 704 sEEElLaa.VLEiSkrDa	720	USERPAT1 .	.	.
A0A2I2ZV90_GORGO 704 sEEElLaa.VLEiSkrDa	720	USERPAT1 .	.	.
A0A2I3FVD2_NOMLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3FVD2_NOMLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3G3E4_NOMLE 265 sEEDmLqa.AVTmSleTv	281	USERPAT1 .	.	.
A0A2I3G3E4_NOMLE 265 sEEDmLqa.AVTmSleTv	281	USERPAT1 .	.	.
A0A2I3G3E4_NOMLE 265 sEEDmLqa.AVTmSleTv	281	USERPAT1 .	.	.
A0A2I3GEZ4_NOMLE 320 sEEDmLqa.AVTmSleTv	336	USERPAT1 .	.	.
A0A2I3GEZ4_NOMLE 320 sEEDmLqa.AVTmSleTv	336	USERPAT1 .	.	.
A0A2I3GEZ4_NOMLE 320 sEEDmLqa.AVTmSleTv	336	USERPAT1 .	.	.
A0A2I3GGH3_NOMLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3GGH3_NOMLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3GHK3_NOMLE 305 sEEDmLqa.AVTmSleTv	321	USERPAT1 .	.	.
A0A2I3GHK3_NOMLE 305 sEEDmLqa.AVTmSleTv	321	USERPAT1 .	.	.
A0A2I3GHK3_NOMLE 305 sEEDmLqa.AVTmSleTv	321	USERPAT1 .	.	.
A0A2I3H427_NOMLE 268 sEEDmLqa.AVTmSleTv	284	USERPAT1 .	.	.
A0A2I3H427_NOMLE 268 sEEDmLqa.AVTmSleTv	284	USERPAT1 .	.	.
A0A2I3H427_NOMLE 268 sEEDmLqa.AVTmSleTv	284	USERPAT1 .	.	.
A0A2I3HII5_NOMLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.

A0A2I3HII5_NOMLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3HL68_NOMLE 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2I3HL68_NOMLE 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2I3HS80_NOMLE 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A2I3HS80_NOMLE 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A2I3HS80_NOMLE 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A2I3HTW1_NOMLE 612 sEEElLaa.VLEiSkrDa	628	USERPAT1 .	.	.
A0A2I3HTW1_NOMLE 612 sEEElLaa.VLEiSkrDa	628	USERPAT1 .	.	.
A0A2I3LC42_PAPAN 611 sEEElLaa.VLEiSkrDa	627	USERPAT1 .	.	.
A0A2I3LC42_PAPAN 611 sEEElLaa.VLEiSkrDa	627	USERPAT1 .	.	.
A0A2I3LQ44_PAPAN 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3LQ44_PAPAN 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3MAN5_PAPAN 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2I3MAN5_PAPAN 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2I3MAN5_PAPAN 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2I3MIB0_PAPAN 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2I3MIB0_PAPAN 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2I3MVB2_PAPAN 326 gEEDmLqa.AVTmSleTv	342	USERPAT1 .	.	.
A0A2I3MVB2_PAPAN 326 gEEDmLqa.AVTmSleTv	342	USERPAT1 .	.	.
A0A2I3MVB2_PAPAN 326 gEEDmLqa.AVTmSleTv	342	USERPAT1 .	.	.
A0A2I3MY00_PAPAN 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2I3MY00_PAPAN 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.

A0A2I3RD20_PANTR 324	340	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3RD20_PANTR 324	340	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3RD20_PANTR 324	340	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3RF30_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3RF30_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3RW24_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3RW24_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3S0Z0_PANTR 323	339	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3S0Z0_PANTR 323	339	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3S0Z0_PANTR 323	339	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3S1H4_PANTR 610	626	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2I3S1H4_PANTR 610	626	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2I3SC06_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3SC06_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3TCN4_PANTR 288	304	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3TCN4_PANTR 288	304	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3TCN4_PANTR 288	304	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3TPK5_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3TPK5_PANTR 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2I3TRW8_PANTR 269	285	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3TRW8_PANTR 269	285	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3TRW8_PANTR 269	285	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2I3TWP0_PANTR 704	720	USERPAT1 .	.	.



sEEElLaa.VLEiSkrDa A0A2I3TWP0_PANTR 704 sEEElLaa.VLEiSkrDa	720	USERPAT1 .	.	.
A0A2I3TX18_PANTR 284 sEEDmLqa.AVTmSleTv A0A2I3TX18_PANTR 284 sEEDmLqa.AVTmSleTv	300	USERPAT1 .	.	.
A0A2I3TX18_PANTR 284 sEEDmLqa.AVTmSleTv A0A2I3TX18_PANTR 284 sEEDmLqa.AVTmSleTv	300	USERPAT1 .	.	.
A0A2I3TX18_PANTR 284 sEEDmLqa.AVTmSleTv	300	USERPAT1 .	.	.
A0A2I4BZG2_9TELE 681 nDDEmMaa.VLEmSrqEa A0A2I4BZG2_9TELE 681 nDDEmMaa.VLEmSrqEa	697	USERPAT1 .	.	.
A0A2I4BZG2_9TELE 681 nDDEmMaa.VLEmSrqEa A0A2I4BZG2_9TELE 681 nDDEmMaa.VLEmSrqEa	697	USERPAT1 .	.	.
A0A2I4BZG2_9TELE 681 nDDEmMaa.VLEmSrqEa	697	USERPAT1 .	.	.
A0A2I4BZG3_9TELE 680 nDDEmMaa.VLEmSrqEa A0A2I4BZG3_9TELE 680 nDDEmMaa.VLEmSrqEa	696	USERPAT1 .	.	.
A0A2I4BZG3_9TELE 680 nDDEmMaa.VLEmSrqEa A0A2I4BZG3_9TELE 680 nDDEmMaa.VLEmSrqEa	696	USERPAT1 .	.	.
A0A2I4BZG3_9TELE 680 nDDEmMaa.VLEmSrqEa	696	USERPAT1 .	.	.
A0A2J8EJY0_VERDA 1167 dDDEdFkr.ALEaSkIPs A0A2J8EJY0_VERDA 1167 dDDEdFkr.ALEaSkIPs	1183	USERPAT1 .	.	.
A0A2J8EJY0_VERDA 1167 dDDEdFkr.ALEaSkIPs A0A2J8EJY0_VERDA 1167 dDDEdFkr.ALEaSkIPs	1183	USERPAT1 .	.	.
A0A2J8EJY0_VERDA 1167 dDDEdFkr.ALEaSkIPs A0A2J8EJY0_VERDA 1167 dDDEdFkr.ALEaSkIPs	1183	USERPAT1 .	.	.
A0A2J8EJY0_VERDA 1167 dDDEdFkr.ALEaSkIPs	1183	USERPAT1 .	.	.
A0A2K1XR5_POPTN 122 vEDDeFar.ALElSlkTa A0A2K1XR5_POPTN 122 vEDDeFar.ALElSlkTa	138	USERPAT1 .	.	.
A0A2K1XR5_POPTN 122 vEDDeFar.ALElSlkTa	138	USERPAT1 .	.	.
A0A2K1XRY2_POPTN 190 vEDDeFar.ALElSlkTa A0A2K1XRY2_POPTN 190 vEDDeFar.ALElSlkTa	206	USERPAT1 .	.	.
A0A2K1XRY2_POPTN 190 vEDDeFar.ALElSlkTa	206	USERPAT1 .	.	.
A0A2K1XRY3_POPTN 190 vEDDeFar.ALElSlkTa A0A2K1XRY3_POPTN 190 vEDDeFar.ALElSlkTa	206	USERPAT1 .	.	.
A0A2K1XRY3_POPTN 190 vEDDeFar.ALElSlkTa	206	USERPAT1 .	.	.
A0A2K2DCV4_BRADI 66 dDDDnLqa.ALEaSkeEt A0A2K2DCV4_BRADI 66 dDDDnLqa.ALEaSkeEt	82	USERPAT1 .	.	.
A0A2K2DCV4_BRADI 66 dDDDnLqa.ALEaSkeEt A0A2K2DCV4_BRADI 66 dDDDnLqa.ALEaSkeEt	82	USERPAT1 .	.	.
A0A2K2DCV4_BRADI 66 dDDDnLqa.ALEaSkeEt	82	USERPAT1 .	.	.

dDDnLqa.ALEaSkeEt A0A2K2DCV4_BRADI 116	132	USERPAT1 .	.	.
eEEDdLqa.ALEtSkeEi A0A2K2DCV4_BRADI 116	132	USERPAT1 .	.	.
eEEDdLqa.ALEtSkeEi A0A2K2DCV4_BRADI 116	132	USERPAT1 .	.	.
eEEDdLqa.ALEtSkeEi A0A2K2DCV4_BRADI 116	132	USERPAT1 .	.	.
A0A2K5DCH2_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCH2_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCJ1_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCJ1_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCJ3_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCJ3_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCK2_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCK2_AOTNA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5DCK7_AOTNA 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.
A0A2K5DCK7_AOTNA 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.
A0A2K5E0F1_AOTNA 300 sEEDmLqa.AVTmSleTv	316	USERPAT1 .	.	.
A0A2K5E0F1_AOTNA 300 sEEDmLqa.AVTmSleTv	316	USERPAT1 .	.	.
A0A2K5E0F1_AOTNA 300 sEEDmLqa.AVTmSleTv	316	USERPAT1 .	.	.
A0A2K5E0J7_AOTNA 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A2K5E0J7_AOTNA 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A2K5E0J7_AOTNA 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A2K5E0K4_AOTNA 239 sEEDmLqa.AVTmSleTv	255	USERPAT1 .	.	.
A0A2K5E0K4_AOTNA 239 sEEDmLqa.AVTmSleTv	255	USERPAT1 .	.	.
A0A2K5E0K4_AOTNA 239 sEEDmLqa.AVTmSleTv	255	USERPAT1 .	.	.

A0A2K5E0M2_AOTNA 243	259	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0M2_AOTNA 243	259	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0M2_AOTNA 243	259	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0Q9_AOTNA 224	240	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0Q9_AOTNA 224	240	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0Q9_AOTNA 224	240	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0S1_AOTNA 294	310	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0S1_AOTNA 294	310	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E0S1_AOTNA 294	310	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2K5E4H2_AOTNA 705	721	USERPAT1 .	.	.
sEEEvLaa.VLEiSkrEa				
A0A2K5E4H2_AOTNA 705	721	USERPAT1 .	.	.
sEEEvLaa.VLEiSkrEa				
A0A2K5E4H2_AOTNA 705	721	USERPAT1 .	.	.
sEEEvLaa.VLEiSkrEa				
A0A2K5E4T1_AOTNA 611	627	USERPAT1 .	.	.
sEEEvLaa.VLEiSkrEa				
A0A2K5E4T1_AOTNA 611	627	USERPAT1 .	.	.
sEEEvLaa.VLEiSkrEa				
A0A2K5E4T1_AOTNA 611	627	USERPAT1 .	.	.
sEEEvLaa.VLEiSkrEa				
A0A2K5HP42_COLAP 278	294	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP42_COLAP 278	294	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP42_COLAP 278	294	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP48_COLAP 293	309	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP48_COLAP 293	309	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP48_COLAP 293	309	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP53_COLAP 242	258	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP53_COLAP 242	258	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP53_COLAP 242	258	USERPAT1 .	.	.

gEEDmLqa.AVTmSleTv

A0A2K5HP85_COLAP 285	301	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP85_COLAP 285	301	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HP85_COLAP 285	301	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5HPV2_COLAP 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2K5HPV2_COLAP 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2K5HPW3_COLAP 612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2K5HPW3_COLAP 612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2K5J3H9_COLAP 120	137	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5J3H9_COLAP 120	137	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5J3K2_COLAP 120	137	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5J3K2_COLAP 120	137	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5J3K7_COLAP 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5J3K7_COLAP 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5J3L2_COLAP 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5J3L2_COLAP 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5KGJ4_COLAP 329	345	USERPAT1 .	.	.
gEEDmLqa.AVTtSleTv				
A0A2K5KGJ4_COLAP 329	345	USERPAT1 .	.	.
gEEDmLqa.AVTtSleTv				
A0A2K5KGJ4_COLAP 329	345	USERPAT1 .	.	.
gEEDmLqa.AVTtSleTv				
A0A2K5L5F2_CERAT 612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2K5L5F2_CERAT 612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2K5L5F4_CERAT 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2K5L5F4_CERAT 706	722	USERPAT1 .	.	.

sEEElLaa.VLEiSkrDa

A0A2K5MRI6_CERAT 339 gEEDmLqa.AVTmSleTv	355	USERPAT1 .	.	.
A0A2K5MRI6_CERAT 339 gEEDmLqa.AVTmSleTv	355	USERPAT1 .	.	.
A0A2K5MRI6_CERAT 339 gEEDmLqa.AVTmSleTv	355	USERPAT1 .	.	.
A0A2K5MRJ5_CERAT 286 gEEDmLqa.AVTmSleTv	302	USERPAT1 .	.	.
A0A2K5MRJ5_CERAT 286 gEEDmLqa.AVTmSleTv	302	USERPAT1 .	.	.
A0A2K5MRJ5_CERAT 286 gEEDmLqa.AVTmSleTv	302	USERPAT1 .	.	.
A0A2K5MRK2_CERAT 282 gEEDmLqa.AVTmSleTv	298	USERPAT1 .	.	.
A0A2K5MRK2_CERAT 282 gEEDmLqa.AVTmSleTv	298	USERPAT1 .	.	.
A0A2K5MRK2_CERAT 282 gEEDmLqa.AVTmSleTv	298	USERPAT1 .	.	.
A0A2K5MRL3_CERAT 337 gEEDmLqa.AVTmSleTv	353	USERPAT1 .	.	.
A0A2K5MRL3_CERAT 337 gEEDmLqa.AVTmSleTv	353	USERPAT1 .	.	.
A0A2K5MRL3_CERAT 337 gEEDmLqa.AVTmSleTv	353	USERPAT1 .	.	.
A0A2K5MRX7_CERAT 322 gEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2K5MRX7_CERAT 322 gEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2K5MRX7_CERAT 322 gEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2K5P5B4_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5P5B4_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5P5B6_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5P5B6_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5P5C1_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5P5C1_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5P5C3_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.

A0A2K5P5C3_CERAT 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5P5D7_CERAT 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K5P5D7_CERAT 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K5QRZ1_CEBCA 260 sEEDmLqa.AVTmSleTv	276	USERPAT1 .	.	.
A0A2K5QRZ1_CEBCA 260 sEEDmLqa.AVTmSleTv	276	USERPAT1 .	.	.
A0A2K5QRZ1_CEBCA 260 sEEDmLqa.AVTmSleTv	276	USERPAT1 .	.	.
A0A2K5QS50_CEBCA 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A2K5QS50_CEBCA 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A2K5QS50_CEBCA 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A2K5QS64_CEBCA 243 sEEDmLqa.AVTmSleTv	259	USERPAT1 .	.	.
A0A2K5QS64_CEBCA 243 sEEDmLqa.AVTmSleTv	259	USERPAT1 .	.	.
A0A2K5QS64_CEBCA 243 sEEDmLqa.AVTmSleTv	259	USERPAT1 .	.	.
A0A2K5QS73_CEBCA 239 sEEDmLqa.AVTmSleTv	255	USERPAT1 .	.	.
A0A2K5QS73_CEBCA 239 sEEDmLqa.AVTmSleTv	255	USERPAT1 .	.	.
A0A2K5QS73_CEBCA 239 sEEDmLqa.AVTmSleTv	255	USERPAT1 .	.	.
A0A2K5QS87_CEBCA 296 sEEDmLqa.AVTmSleTv	312	USERPAT1 .	.	.
A0A2K5QS87_CEBCA 296 sEEDmLqa.AVTmSleTv	312	USERPAT1 .	.	.
A0A2K5QS87_CEBCA 296 sEEDmLqa.AVTmSleTv	312	USERPAT1 .	.	.
A0A2K5QS88_CEBCA 224 sEEDmLqa.AVTmSleTv	240	USERPAT1 .	.	.
A0A2K5QS88_CEBCA 224 sEEDmLqa.AVTmSleTv	240	USERPAT1 .	.	.
A0A2K5QS88_CEBCA 224 sEEDmLqa.AVTmSleTv	240	USERPAT1 .	.	.
A0A2K5S783_CEBCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5S783_CEBCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.

A0A2K5S795_CEBCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5S795_CEBCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5S798_CEBCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5S798_CEBCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5S7A2_CEBCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5S7A2_CEBCA 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5S7A3_CEBCA 119	136	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5S7A3_CEBCA 119	136	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K5SAG7_CEBCA 612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A2K5SAG7_CEBCA 612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A2K5SAG7_CEBCA 612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A2K5SAI6_CEBCA 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A2K5SAI6_CEBCA 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A2K5SAI6_CEBCA 706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa				
A0A2K5VMK7_MACFA 319	335	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMK7_MACFA 319	335	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMK7_MACFA 319	335	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMM1_MACFA 334	350	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMM1_MACFA 334	350	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMM1_MACFA 334	350	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMQ2_MACFA 279	295	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMQ2_MACFA 279	295	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K5VMQ2_MACFA 279	295	USERPAT1 .	.	.

gEEDmLqa.AVTmSleTv

A0A2K5VMU2_MACFA 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2K5VMU2_MACFA 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2K5VMU2_MACFA 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2K5VMX8_MACFA 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2K5VMX8_MACFA 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2K5VMX8_MACFA 340 gEEDmLqa.AVTmSleTv	356	USERPAT1 .	.	.
A0A2K5WBW8_MACFA 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K5WBW8_MACFA 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K5WBY8_MACFA 612 sEEElLaa.VLEiSkrDa	628	USERPAT1 .	.	.
A0A2K5WBY8_MACFA 612 sEEElLaa.VLEiSkrDa	628	USERPAT1 .	.	.
A0A2K5X505_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X505_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X566_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X566_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X5E1_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X5E1_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X5F0_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X5F0_MACFA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K5X5I1_MACFA 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K5X5I1_MACFA 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K5XCF0_MANLE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K5XCF0_MANLE 116	133	USERPAT1 .	.	.



tDEEqAisrVLEaSiaEn

A0A2K5XCF2_MANLE 108 tDEEqAisrVLEaSiaEn	125	USERPAT1 .	.	.
A0A2K5XCF2_MANLE 108 tDEEqAisrVLEaSiaEn	125	USERPAT1 .	.	.
A0A2K5XCF4_MANLE 108 tDEEqAisrVLEaSiaEn	125	USERPAT1 .	.	.
A0A2K5XCF4_MANLE 108 tDEEqAisrVLEaSiaEn	125	USERPAT1 .	.	.
A0A2K5XCH2_MANLE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K5XCH2_MANLE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K5ZAF0_MANLE 285 gEDDmLqa.AVTmSleTv	301	USERPAT1 .	.	.
A0A2K5ZAF0_MANLE 285 gEDDmLqa.AVTmSleTv	301	USERPAT1 .	.	.
A0A2K5ZAF0_MANLE 285 gEDDmLqa.AVTmSleTv	301	USERPAT1 .	.	.
A0A2K5ZAM9_MANLE 314 gEDDmLqa.AVTmSleTv	330	USERPAT1 .	.	.
A0A2K5ZAM9_MANLE 314 gEDDmLqa.AVTmSleTv	330	USERPAT1 .	.	.
A0A2K5ZAM9_MANLE 314 gEDDmLqa.AVTmSleTv	330	USERPAT1 .	.	.
A0A2K5ZAN4_MANLE 299 gEDDmLqa.AVTmSleTv	315	USERPAT1 .	.	.
A0A2K5ZAN4_MANLE 299 gEDDmLqa.AVTmSleTv	315	USERPAT1 .	.	.
A0A2K5ZAN4_MANLE 299 gEDDmLqa.AVTmSleTv	315	USERPAT1 .	.	.
A0A2K5ZAN9_MANLE 270 gEDDmLqa.AVTmSleTv	286	USERPAT1 .	.	.
A0A2K5ZAN9_MANLE 270 gEDDmLqa.AVTmSleTv	286	USERPAT1 .	.	.
A0A2K5ZAN9_MANLE 270 gEDDmLqa.AVTmSleTv	286	USERPAT1 .	.	.
A0A2K5ZAP4_MANLE 263 gEDDmLqa.AVTmSleTv	279	USERPAT1 .	.	.
A0A2K5ZAP4_MANLE 263 gEDDmLqa.AVTmSleTv	279	USERPAT1 .	.	.
A0A2K5ZAP4_MANLE 263 gEDDmLqa.AVTmSleTv	279	USERPAT1 .	.	.
A0A2K5ZAP6_MANLE 161 gEDDmLqa.AVTmSleTv	177	USERPAT1 .	.	.

A0A2K5ZAP6_MANLE 161 gEDDmLqa.AVTmSleTv	177	USERPAT1 .	.	.
A0A2K5ZAP6_MANLE 161 gEDDmLqa.AVTmSleTv	177	USERPAT1 .	.	.
A0A2K5ZAS2_MANLE 255 gEDDmLqa.AVTmSleTv	271	USERPAT1 .	.	.
A0A2K5ZAS2_MANLE 255 gEDDmLqa.AVTmSleTv	271	USERPAT1 .	.	.
A0A2K5ZAS2_MANLE 255 gEDDmLqa.AVTmSleTv	271	USERPAT1 .	.	.
A0A2K5ZAS5_MANLE 304 gEDDmLqa.AVTmSleTv	320	USERPAT1 .	.	.
A0A2K5ZAS5_MANLE 304 gEDDmLqa.AVTmSleTv	320	USERPAT1 .	.	.
A0A2K5ZAS5_MANLE 304 gEDDmLqa.AVTmSleTv	320	USERPAT1 .	.	.
A0A2K5ZHD8_MANLE 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K5ZHD8_MANLE 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K5ZHK6_MANLE 612 sEEElLaa.VLEiSkrDa	628	USERPAT1 .	.	.
A0A2K5ZHK6_MANLE 612 sEEElLaa.VLEiSkrDa	628	USERPAT1 .	.	.
A0A2K6C5A8_MACNE 314 gEEDmLqa.AVTmSleTv	330	USERPAT1 .	.	.
A0A2K6C5A8_MACNE 314 gEEDmLqa.AVTmSleTv	330	USERPAT1 .	.	.
A0A2K6C5A8_MACNE 314 gEEDmLqa.AVTmSleTv	330	USERPAT1 .	.	.
A0A2K6C5B8_MACNE 305 gEEDmLqa.AVTmSleTv	321	USERPAT1 .	.	.
A0A2K6C5B8_MACNE 305 gEEDmLqa.AVTmSleTv	321	USERPAT1 .	.	.
A0A2K6C5B8_MACNE 305 gEEDmLqa.AVTmSleTv	321	USERPAT1 .	.	.
A0A2K6C5F6_MACNE 297 gEEDmLqa.AVTmSleTv	313	USERPAT1 .	.	.
A0A2K6C5F6_MACNE 297 gEEDmLqa.AVTmSleTv	313	USERPAT1 .	.	.
A0A2K6C5F6_MACNE 297 gEEDmLqa.AVTmSleTv	313	USERPAT1 .	.	.
A0A2K6C5F9_MACNE 288 gEEDmLqa.AVTmSleTv	304	USERPAT1 .	.	.
A0A2K6C5F9_MACNE 288 gEEDmLqa.AVTmSleTv	304	USERPAT1 .	.	.

A0A2K6C5F9_MACNE 288 gEEDmLqa.AVTmSleTv	304	USERPAT1 .	.	.
A0A2K6CR70_MACNE 322 gEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2K6CR70_MACNE 322 gEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2K6CR70_MACNE 322 gEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2K6CR89_MACNE 337 gEEDmLqa.AVTmSleTv	353	USERPAT1 .	.	.
A0A2K6CR89_MACNE 337 gEEDmLqa.AVTmSleTv	353	USERPAT1 .	.	.
A0A2K6CR89_MACNE 337 gEEDmLqa.AVTmSleTv	353	USERPAT1 .	.	.
A0A2K6CRA0_MACNE 286 gEEDmLqa.AVTmSleTv	302	USERPAT1 .	.	.
A0A2K6CRA0_MACNE 286 gEEDmLqa.AVTmSleTv	302	USERPAT1 .	.	.
A0A2K6CRA0_MACNE 286 gEEDmLqa.AVTmSleTv	302	USERPAT1 .	.	.
A0A2K6CRB9_MACNE 267 gEEDmLqa.AVTmSleTv	283	USERPAT1 .	.	.
A0A2K6CRB9_MACNE 267 gEEDmLqa.AVTmSleTv	283	USERPAT1 .	.	.
A0A2K6CRB9_MACNE 267 gEEDmLqa.AVTmSleTv	283	USERPAT1 .	.	.
A0A2K6CRD4_MACNE 282 gEEDmLqa.AVTmSleTv	298	USERPAT1 .	.	.
A0A2K6CRD4_MACNE 282 gEEDmLqa.AVTmSleTv	298	USERPAT1 .	.	.
A0A2K6CRD4_MACNE 282 gEEDmLqa.AVTmSleTv	298	USERPAT1 .	.	.
A0A2K6D0E5_MACNE 706 sEEEllLaa.VLGvSkrDa	722	USERPAT1 .	.	.
A0A2K6D0E5_MACNE 706 sEEEllLaa.VLGvSkrDa	722	USERPAT1 .	.	.
A0A2K6D0H3_MACNE 612 sEEEllLaa.VLGvSkrDa	628	USERPAT1 .	.	.
A0A2K6D0H3_MACNE 612 sEEEllLaa.VLGvSkrDa	628	USERPAT1 .	.	.
A0A2K6E0V0_MACNE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6E0V0_MACNE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6E0W2_MACNE 123	140	USERPAT1 .	.	.

tDEEqAisrVLEaSiaEn A0A2K6E0W2_MACNE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6E0Y0_MACNE 123 tDEEqAisrVLEaSiaEn A0A2K6E0Y0_MACNE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6E0Y7_MACNE 116 tDEEqAisrVLEaSiaEn A0A2K6E0Y7_MACNE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A2K6E0Z1_MACNE 123 tDEEqAisrVLEaSiaEn A0A2K6E0Z1_MACNE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6FS24_PROCO 573 sEEElLaa.VLEiSktEt A0A2K6FS24_PROCO 573 sEEElLaa.VLEiSktEt	589	USERPAT1 .	.	.
A0A2K6FS28_PROCO 647 sEEElLaa.VLEiSktEt A0A2K6FS28_PROCO 647 sEEElLaa.VLEiSktEt	663	USERPAT1 .	.	.
A0A2K6FYR8_PROCO 123 tDEEqAisrVLEaSiaEn A0A2K6FYR8_PROCO 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6FYS1_PROCO 123 tDEEqAisrVLEaSiaEn A0A2K6FYS1_PROCO 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6FYT1_PROCO 123 tDEEqAisrVLEaSiaEn A0A2K6FYT1_PROCO 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2K6KTJ1_RHIBE 706 sEEElLaa.VLEiSkrDa A0A2K6KTJ1_RHIBE 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K6KTJ5_RHIBE 612 sEEElLaa.VLEiSkrDa A0A2K6KTJ5_RHIBE 612 sEEElLaa.VLEiSkrDa	628	USERPAT1 .	.	.

A0A2K6LPK2_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPK2_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPK3_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPK3_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPK5_RHIBE 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPK5_RHIBE 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPP5_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPP5_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPQ2_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6LPQ2_RHIBE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5D4_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5D4_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5D7_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5D7_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5E6_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5E6_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5E8_RHIRO 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5E8_RHIRO 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5F6_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6Q5F6_RHIRO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2K6QIU0_RHIRO 257	273	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				
A0A2K6QIU0_RHIRO 257	273	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv				

A0A2K6QIU0_RHIRO 257 gEEDmLqa.AVTmSleTv	273	USERPAT1 .	.	.
A0A2K6QIX4_RHIRO 278 gEEDmLqa.AVTmSleTv	294	USERPAT1 .	.	.
A0A2K6QIX4_RHIRO 278 gEEDmLqa.AVTmSleTv	294	USERPAT1 .	.	.
A0A2K6QIX4_RHIRO 278 gEEDmLqa.AVTmSleTv	294	USERPAT1 .	.	.
A0A2K6QIY3_RHIRO 312 gEEDmLqa.AVTmSleTv	328	USERPAT1 .	.	.
A0A2K6QIY3_RHIRO 312 gEEDmLqa.AVTmSleTv	328	USERPAT1 .	.	.
A0A2K6QIY3_RHIRO 312 gEEDmLqa.AVTmSleTv	328	USERPAT1 .	.	.
A0A2K6QIY4_RHIRO 339 gEEDmLqa.AVTmSleTv	355	USERPAT1 .	.	.
A0A2K6QIY4_RHIRO 339 gEEDmLqa.AVTmSleTv	355	USERPAT1 .	.	.
A0A2K6QIY4_RHIRO 339 gEEDmLqa.AVTmSleTv	355	USERPAT1 .	.	.
A0A2K6QIZ0_RHIRO 259 gEEDmLqa.AVTmSleTv	275	USERPAT1 .	.	.
A0A2K6QIZ0_RHIRO 259 gEEDmLqa.AVTmSleTv	275	USERPAT1 .	.	.
A0A2K6QIZ0_RHIRO 259 gEEDmLqa.AVTmSleTv	275	USERPAT1 .	.	.
A0A2K6RIY8_RHIRO 684 sEEElLaa.VLEiSkrDa	700	USERPAT1 .	.	.
A0A2K6RIY8_RHIRO 684 sEEElLaa.VLEiSkrDa	700	USERPAT1 .	.	.
A0A2K6RIZ5_RHIRO 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K6RIZ5_RHIRO 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K6RJ05_RHIRO 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K6RJ05_RHIRO 706 sEEElLaa.VLEiSkrDa	722	USERPAT1 .	.	.
A0A2K6S3S7_SAIIBB 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.
A0A2K6S3S7_SAIIBB 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.
A0A2K6S3T3_SAIIBB 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.
A0A2K6S3T3_SAIIBB 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.

tDEEqAisrVLEaSiaEn

A0A2K6S3W5\_SAIBB 108 125 USERPAT1 . . .

tDEEqAisrVLEaSiaEn

A0A2K6S3W5\_SAIBB 108 125 USERPAT1 . . .

tDEEqAisrVLEaSiaEn

A0A2K6S3X0\_SAIBB 108 125 USERPAT1 . . .

tDEEqAisrVLEaSiaEn

A0A2K6S3X0\_SAIBB 108 125 USERPAT1 . . .

tDEEqAisrVLEaSiaEn

A0A2K6SAB9\_SAIBB 284 300 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAB9\_SAIBB 284 300 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAB9\_SAIBB 284 300 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAC7\_SAIBB 229 245 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAC7\_SAIBB 229 245 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAC7\_SAIBB 229 245 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAD3\_SAIBB 269 285 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAD3\_SAIBB 269 285 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAD3\_SAIBB 269 285 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAE7\_SAIBB 214 230 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAE7\_SAIBB 214 230 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAE7\_SAIBB 214 230 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAG3\_SAIBB 297 313 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAG3\_SAIBB 297 313 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2K6SAG3\_SAIBB 297 313 USERPAT1 . . .

sEEDmLqa.AVTmSleTv

A0A2P6TCJ9\_CHLS0 52 68 USERPAT1 . . .

tEEELqr.ALEmSmaEa

A0A2R2MSQ0\_LINUN 623 639 USERPAT1 . . .

sEEDqLqa.ALEmSlqEa

A0A2R2MSQ0\_LINUN 623 639 USERPAT1 . . .

sEEDqLqa.ALEmSlqEa

A0A2R2MSQ0_LINUN 623 sEEDqLqa.ALEmSlqEa	639	USERPAT1 .	.	.
A0A2R2MSS4_LINUN 624 sEEDqLqa.ALEmSlqEa	640	USERPAT1 .	.	.
A0A2R2MSS4_LINUN 624 sEEDqLqa.ALEmSlqEa	640	USERPAT1 .	.	.
A0A2R2MSS4_LINUN 624 sEEDqLqa.ALEmSlqEa	640	USERPAT1 .	.	.
A0A2R8MPD6_CALJA 325 sEEDmLqa.AVTmSleTv	341	USERPAT1 .	.	.
A0A2R8MPD6_CALJA 325 sEEDmLqa.AVTmSleTv	341	USERPAT1 .	.	.
A0A2R8MPD6_CALJA 325 sEEDmLqa.AVTmSleTv	341	USERPAT1 .	.	.
A0A2R8N2N5_CALJA 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.
A0A2R8N2N5_CALJA 119 tDEEqAisrVLEaSiaEn	136	USERPAT1 .	.	.
A0A2R8P551_CALJA 289 sEEDmLqa.AVTmSleTv	305	USERPAT1 .	.	.
A0A2R8P551_CALJA 289 sEEDmLqa.AVTmSleTv	305	USERPAT1 .	.	.
A0A2R8P551_CALJA 289 sEEDmLqa.AVTmSleTv	305	USERPAT1 .	.	.
A0A2R8PDN5_CALJA 270 sEEDmLqa.AVTmSleTv	286	USERPAT1 .	.	.
A0A2R8PDN5_CALJA 270 sEEDmLqa.AVTmSleTv	286	USERPAT1 .	.	.
A0A2R8PDN5_CALJA 270 sEEDmLqa.AVTmSleTv	286	USERPAT1 .	.	.
A0A2R8Z9I3_PANPA 283 sEEDmLqa.AVTmSleTv	299	USERPAT1 .	.	.
A0A2R8Z9I3_PANPA 283 sEEDmLqa.AVTmSleTv	299	USERPAT1 .	.	.
A0A2R8Z9I3_PANPA 283 sEEDmLqa.AVTmSleTv	299	USERPAT1 .	.	.
A0A2R8Z9J0_PANPA 232 sEEDmLqa.AVTmSleTv	248	USERPAT1 .	.	.
A0A2R8Z9J0_PANPA 232 sEEDmLqa.AVTmSleTv	248	USERPAT1 .	.	.
A0A2R8Z9J0_PANPA 232 sEEDmLqa.AVTmSleTv	248	USERPAT1 .	.	.
A0A2R8ZCW5_PANPA 224 qDEEdFqr.ALElSrqEt	240	USERPAT1 .	.	.
A0A2R8ZCW5_PANPA 224 qDEEdFqr.ALElSrqEt	240	USERPAT1 .	.	.



A0A2R8ZDP2_PANPA 281	297	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2R8ZDP2_PANPA 281	297	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2R8ZDP2_PANPA 281	297	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2R8ZGA2_PANPA 268	284	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2R8ZGA2_PANPA 268	284	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2R8ZGA2_PANPA 268	284	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2R9A530_PANPA 704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2R9A530_PANPA 704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2R9A6A4_PANPA 704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2R9A6A4_PANPA 704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2R9A9T7_PANPA 610	626	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2R9A9T7_PANPA 610	626	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa				
A0A2R9BV93_PANPA 163	180	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BV93_PANPA 163	180	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BVF7_PANPA 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BVF7_PANPA 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BVY5_PANPA 172	189	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BVY5_PANPA 172	189	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BYP4_PANPA 163	180	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BYP4_PANPA 163	180	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BYT7_PANPA 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BYT7_PANPA 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				

A0A2R9BYV0_PANPA 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9BYV0_PANPA 108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9C547_PANPA 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2R9C547_PANPA 116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3VI69_ODORO 319	335	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI69_ODORO 319	335	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI69_ODORO 319	335	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI71_ODORO 283	299	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI71_ODORO 283	299	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI71_ODORO 283	299	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI74_ODORO 334	350	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI74_ODORO 334	350	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3VI74_ODORO 334	350	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3W3W0_ODORO 704	720	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa				
A0A2U3W3W0_ODORO 704	720	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa				
A0A2U3W3W0_ODORO 704	720	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa				
A0A2U3Wnk6_ODORO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3Wnk6_ODORO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3WNL0_ODORO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3WNL0_ODORO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3WNL2_ODORO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3WNL2_ODORO 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				

A0A2U3YG82_LEPWE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3YG82_LEPWE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3YG86_LEPWE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3YG86_LEPWE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3YG90_LEPWE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3YG90_LEPWE 123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A2U3YYM3_LEPWE 619	635	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa				
A0A2U3YYM3_LEPWE 619	635	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa				
A0A2U3YYM3_LEPWE 619	635	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa				
A0A2U3Z9T4_ODOR0 327	343	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3Z9T4_ODOR0 327	343	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3Z9T4_ODOR0 327	343	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3ZAS3_ODOR0 325	341	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3ZAS3_ODOR0 325	341	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U3ZAS3_ODOR0 325	341	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A049_TURTR 324	340	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A049_TURTR 324	340	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A049_TURTR 324	340	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A057_TURTR 334	350	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A057_TURTR 334	350	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A057_TURTR 334	350	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A0F2_TURTR 273	289	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				
A0A2U4A0F2_TURTR 273	289	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv				

A0A2U4A0F2_TURTR 273 sEEDmLqa.AVTmSleTv	289	USERPAT1 .	.	.
A0A2U4AAQ4_TURTR 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2U4AAQ4_TURTR 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2U4AAU2_TURTR 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2U4AAU2_TURTR 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2U4AB23_TURTR 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2U4AB23_TURTR 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2U4BMR5_TURTR 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2U4BMR5_TURTR 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2U4BMR5_TURTR 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2U9C875_SCOMX 686 nDDEmLaa.VLEmSrqEa	702	USERPAT1 .	.	.
A0A2U9C875_SCOMX 686 nDDEmLaa.VLEmSrqEa	702	USERPAT1 .	.	.
A0A2U9C875_SCOMX 686 nDDEmLaa.VLEmSrqEa	702	USERPAT1 .	.	.
A0A2Y9DB53_TRIMA 124 tDEEqAisrVLEaSiaEn	141	USERPAT1 .	.	.
A0A2Y9DB53_TRIMA 124 tDEEqAisrVLEaSiaEn	141	USERPAT1 .	.	.
A0A2Y9DKN0_TRIMA 706 sEEElVaa.VLEiSkrEt	722	USERPAT1 .	.	.
A0A2Y9DKN0_TRIMA 706 sEEElVaa.VLEiSkrEt	722	USERPAT1 .	.	.
A0A2Y9ELX6_PHYMC 323 sEEDmLqa.AVTmSleTv	339	USERPAT1 .	.	.
A0A2Y9ELX6_PHYMC 323 sEEDmLqa.AVTmSleTv	339	USERPAT1 .	.	.
A0A2Y9ELX6_PHYMC 323 sEEDmLqa.AVTmSleTv	339	USERPAT1 .	.	.
A0A2Y9EM29_PHYMC 324 sEEDmLqa.AVTmSleTv	340	USERPAT1 .	.	.
A0A2Y9EM29_PHYMC 324 sEEDmLqa.AVTmSleTv	340	USERPAT1 .	.	.
A0A2Y9EM29_PHYMC 324 sEEDmLqa.AVTmSleTv	340	USERPAT1 .	.	.

sEEDmLqa.AVTmSleTv

A0A2Y9ENB0_PHYMC 309 sEEDmLqa.AVTmSleTv	325	USERPAT1 .	.	.
A0A2Y9ENB0_PHYMC 309 sEEDmLqa.AVTmSleTv	325	USERPAT1 .	.	.
A0A2Y9ENB0_PHYMC 309 sEEDmLqa.AVTmSleTv	325	USERPAT1 .	.	.

A0A2Y9FV85_TRIMA 124 tDEEqAisrVLEaSiaEn	141	USERPAT1 .	.	.
A0A2Y9FV85_TRIMA 124 tDEEqAisrVLEaSiaEn	141	USERPAT1 .	.	.

A0A2Y9IQI5_ENHLU 683 sEEElLaa.VLEmSkrEa	699	USERPAT1 .	.	.
A0A2Y9IQI5_ENHLU 683 sEEElLaa.VLEmSkrEa	699	USERPAT1 .	.	.
A0A2Y9IQI5_ENHLU 683 sEEElLaa.VLEmSkrEa	699	USERPAT1 .	.	.

A0A2Y9IRQ7_ENHLU 705 sEEElLaa.VLEmSkrEa	721	USERPAT1 .	.	.
A0A2Y9IRQ7_ENHLU 705 sEEElLaa.VLEmSkrEa	721	USERPAT1 .	.	.
A0A2Y9IRQ7_ENHLU 705 sEEElLaa.VLEmSkrEa	721	USERPAT1 .	.	.

A0A2Y9JME8_ENHLU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9JME8_ENHLU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.

A0A2Y9JMF9_ENHLU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9JMF9_ENHLU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.

A0A2Y9JML0_ENHLU 326 sEEDmLqa.AVTmSleTv	342	USERPAT1 .	.	.
A0A2Y9JML0_ENHLU 326 sEEDmLqa.AVTmSleTv	342	USERPAT1 .	.	.
A0A2Y9JML0_ENHLU 326 sEEDmLqa.AVTmSleTv	342	USERPAT1 .	.	.

A0A2Y9JSS8_ENHLU 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A2Y9JSS8_ENHLU 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.
A0A2Y9JSS8_ENHLU 329 sEEDmLqa.AVTmSleTv	345	USERPAT1 .	.	.

A0A2Y9MM93_DELLE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
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A0A2Y9MM93_DELLE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9MM93_DELLE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9MN29_DELLE 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9MN29_DELLE 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9MN29_DELLE 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9MWH8_DELLE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9MWH8_DELLE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9MWH8_DELLE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9NAE4_DELLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9NAE4_DELLE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9NCV4_DELLE 322 sEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2Y9NCV4_DELLE 322 sEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2Y9NCV4_DELLE 322 sEEDmLqa.AVTmSleTv	338	USERPAT1 .	.	.
A0A2Y9NG79_DELLE 271 sEEDmLqa.AVTmSleTv	287	USERPAT1 .	.	.
A0A2Y9NG79_DELLE 271 sEEDmLqa.AVTmSleTv	287	USERPAT1 .	.	.
A0A2Y9NG79_DELLE 271 sEEDmLqa.AVTmSleTv	287	USERPAT1 .	.	.
A0A2Y9NKV4_DELLE 143 sEEDmLqa.AVTmSleTv	159	USERPAT1 .	.	.
A0A2Y9NKV4_DELLE 143 sEEDmLqa.AVTmSleTv	159	USERPAT1 .	.	.
A0A2Y9NKV4_DELLE 143 sEEDmLqa.AVTmSleTv	159	USERPAT1 .	.	.
A0A2Y9QGD7_TRIMA 152 tDEEqAisrVLEaSiaEn	169	USERPAT1 .	.	.
A0A2Y9QGD7_TRIMA 152 tDEEqAisrVLEaSiaEn	169	USERPAT1 .	.	.
A0A2Y9QLT2_TRIMA 57 tDEEqAisrVLEaSiaEn	74	USERPAT1 .	.	.
A0A2Y9QLT2_TRIMA 57 tDEEqAisrVLEaSiaEn	74	USERPAT1 .	.	.

A0A2Y9SEV2_PHYMC 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9SEV2_PHYMC 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9SHU5_PHYMC 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9SHU5_PHYMC 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A2Y9SNP8_PHYMC 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9SNP8_PHYMC 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9SNP8_PHYMC 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9SS61_PHYMC 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9SS61_PHYMC 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9SS61_PHYMC 684 sEEElLaa.VLEiSkrEa	700	USERPAT1 .	.	.
A0A2Y9SUT9_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9SUT9_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9SUT9_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9SWY0_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9SWY0_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A2Y9SWY0_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A337RUH1_FELCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A337RUH1_FELCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A337S7J4_FELCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A337S7J4_FELCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A337S8J2_FELCA 274 sEEDmLqa.AVTmSleVv	290	USERPAT1 .	.	.
A0A337S8J2_FELCA 274 sEEDmLqa.AVTmSleVv	290	USERPAT1 .	.	.
A0A337S8J2_FELCA 274 sEEDmLqa.AVTmSleVv	290	USERPAT1 .	.	.

sEEDmLqa.AVTmSleVv

A0A337SFZ6_FELCA 683 sEEElLaa.VLEiSkrEa	699	USERPAT1 .	.	.
A0A337SFZ6_FELCA 683 sEEElLaa.VLEiSkrEa	699	USERPAT1 .	.	.
A0A337SFZ6_FELCA 683 sEEElLaa.VLEiSkrEa	699	USERPAT1 .	.	.
A0A337SHM7_FELCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A337SHM7_FELCA 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A337SMY3_FELCA 255 sEEDmLqa.AVTmSleVv	271	USERPAT1 .	.	.
A0A337SMY3_FELCA 255 sEEDmLqa.AVTmSleVv	271	USERPAT1 .	.	.
A0A337SMY3_FELCA 255 sEEDmLqa.AVTmSleVv	271	USERPAT1 .	.	.
A0A337SN16_FELCA 310 sEEDmLqa.AVTmSleVv	326	USERPAT1 .	.	.
A0A337SN16_FELCA 310 sEEDmLqa.AVTmSleVv	326	USERPAT1 .	.	.
A0A337SN16_FELCA 310 sEEDmLqa.AVTmSleVv	326	USERPAT1 .	.	.
A0A337SPY1_FELCA 270 sEEDmLqa.AVTmSleVv	286	USERPAT1 .	.	.
A0A337SPY1_FELCA 270 sEEDmLqa.AVTmSleVv	286	USERPAT1 .	.	.
A0A337SPY1_FELCA 270 sEEDmLqa.AVTmSleVv	286	USERPAT1 .	.	.
A0A337SSU9_FELCA 150 tDEEqAisrVLEaSiaEn	167	USERPAT1 .	.	.
A0A337SSU9_FELCA 150 tDEEqAisrVLEaSiaEn	167	USERPAT1 .	.	.
A0A340WV50_LIPVE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A340WV50_LIPVE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A340WV50_LIPVE 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A340WZ65_LIPVE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A340WZ65_LIPVE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A340X0E7_LIPVE 330 sEEDmLqa.AVTmSleTv	346	USERPAT1 .	.	.



A0A340X0E7_LIPVE 330 sEEDmLqa.AVTmSleTv	346	USERPAT1 . . .
A0A340X0E7_LIPVE 330 sEEDmLqa.AVTmSleTv	346	USERPAT1 . . .
A0A340X0F2_LIPVE 260 sEEDmLqa.AVTmSleTv	276	USERPAT1 . . .
A0A340X0F2_LIPVE 260 sEEDmLqa.AVTmSleTv	276	USERPAT1 . . .
A0A340X0F2_LIPVE 260 sEEDmLqa.AVTmSleTv	276	USERPAT1 . . .
A0A340X338_LIPVE 141 tDEEqAisrVLEaSiaEn	158	USERPAT1 . . .
A0A340X338_LIPVE 141 tDEEqAisrVLEaSiaEn	158	USERPAT1 . . .
A0A340X484_LIPVE 315 sEEDmLqa.AVTmSleTv	331	USERPAT1 . . .
A0A340X484_LIPVE 315 sEEDmLqa.AVTmSleTv	331	USERPAT1 . . .
A0A340X484_LIPVE 315 sEEDmLqa.AVTmSleTv	331	USERPAT1 . . .
A0A340X644_LIPVE 326 sEEDmLqa.AVTmSleTv	342	USERPAT1 . . .
A0A340X644_LIPVE 326 sEEDmLqa.AVTmSleTv	342	USERPAT1 . . .
A0A340X644_LIPVE 326 sEEDmLqa.AVTmSleTv	342	USERPAT1 . . .
A0A340X648_LIPVE 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 . . .
A0A340X648_LIPVE 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 . . .
A0A340X648_LIPVE 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 . . .
A0A340X6S4_LIPVE 325 sEEDmLqa.AVTmSleTv	341	USERPAT1 . . .
A0A340X6S4_LIPVE 325 sEEDmLqa.AVTmSleTv	341	USERPAT1 . . .
A0A340X6S4_LIPVE 325 sEEDmLqa.AVTmSleTv	341	USERPAT1 . . .
A0A340X6S9_LIPVE 275 sEEDmLqa.AVTmSleTv	291	USERPAT1 . . .
A0A340X6S9_LIPVE 275 sEEDmLqa.AVTmSleTv	291	USERPAT1 . . .
A0A340X6S9_LIPVE 275 sEEDmLqa.AVTmSleTv	291	USERPAT1 . . .
A0A384AKT3_BALAS 706 sEEElLaa.VLEiSktEa	722	USERPAT1 . . .

A0A384AKT3_BALAS 706 sEEElLaa.VLEiSktEa	722	USERPAT1 .	.	.
A0A384AL14_BALAS 89 sEDEaLqr.ALElSlaEa	105	USERPAT1 .	.	.
A0A384C1U5_URSMA 243 sEDEaLqr.ALElSlaEn	259	USERPAT1 .	.	.
A0A384C2P1_URSMA 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A384C2P1_URSMA 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A384C2P1_URSMA 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A384CPI0_URSMA 346 sEEDmLqa.AVTlSleTv	362	USERPAT1 .	.	.
A0A384CPI0_URSMA 346 sEEDmLqa.AVTlSleTv	362	USERPAT1 .	.	.
A0A384CPI0_URSMA 346 sEEDmLqa.AVTlSleTv	362	USERPAT1 .	.	.
A0A3B1KDQ4_ASTMX 664 nDDEmLaa.VLEmSrqEa	680	USERPAT1 .	.	.
A0A3B1KDQ4_ASTMX 664 nDDEmLaa.VLEmSrqEa	680	USERPAT1 .	.	.
A0A3B1KDQ4_ASTMX 664 nDDEmLaa.VLEmSrqEa	680	USERPAT1 .	.	.
A0A3B3DMP5_ORYME 96 tDEEqAisrVLEaSiaEn	113	USERPAT1 .	.	.
A0A3B3DMP5_ORYME 96 tDEEqAisrVLEaSiaEn	113	USERPAT1 .	.	.
A0A3B3DZF9_ORYME 680 iDDDeMlaaVLEmSrqEa	697	USERPAT1 .	.	.
A0A3B3DZF9_ORYME 680 iDDDeMlaaVLEmSrqEa	697	USERPAT1 .	.	.
A0A3B3DZF9_ORYME 680 iDDDeMlaaVLEmSrqEa	697	USERPAT1 .	.	.
A0A3B3RSL1_9TELE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A3B3RSL1_9TELE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A3B3RSV1_9TELE 122 tDEEqAisrVLEaSiaEn	139	USERPAT1 .	.	.
A0A3B3RSV1_9TELE 122 tDEEqAisrVLEaSiaEn	139	USERPAT1 .	.	.
A0A3B3RV06_9TELE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.

A0A3B3RV06_9TELE 116 tDEEqAisrVLEaSiaEn	133	USERPAT1 .	.	.
A0A3B3VXF7_9TELE 680 nDDEmLaa.VLEmSreEa	696	USERPAT1 .	.	.
A0A3B3VXF7_9TELE 680 nDDEmLaa.VLEmSreEa	696	USERPAT1 .	.	.
A0A3B3VXF7_9TELE 680 nDDEmLaa.VLEmSreEa	696	USERPAT1 .	.	.
A0A3B3WZ97_9TELE 680 nDDEmLaa.VLEmSrqEa	696	USERPAT1 .	.	.
A0A3B3WZ97_9TELE 680 nDDEmLaa.VLEmSrqEa	696	USERPAT1 .	.	.
A0A3B3WZ97_9TELE 680 nDDEmLaa.VLEmSrqEa	696	USERPAT1 .	.	.
A0A3B4DWK9_PYGNA 674 nDDEmLaa.VLEmSrhDt	690	USERPAT1 .	.	.
A0A3B4DWK9_PYGNA 674 nDDEmLaa.VLEmSrhDt	690	USERPAT1 .	.	.
A0A3B4DWK9_PYGNA 674 nDDEmLaa.VLEmSrhDt	690	USERPAT1 .	.	.
A0A3B4DXK6_PYGNA 675 nDDEmLaa.VLEmSrhDt	691	USERPAT1 .	.	.
A0A3B4DXK6_PYGNA 675 nDDEmLaa.VLEmSrhDt	691	USERPAT1 .	.	.
A0A3B4DXK6_PYGNA 675 nDDEmLaa.VLEmSrhDt	691	USERPAT1 .	.	.
A0A3B4G0S9_9CICH 687 nDDEmLaa.VLEiSrqEa	703	USERPAT1 .	.	.
A0A3B4G0S9_9CICH 687 nDDEmLaa.VLEiSrqEa	703	USERPAT1 .	.	.
A0A3B4G0S9_9CICH 687 nDDEmLaa.VLEiSrqEa	703	USERPAT1 .	.	.
A0A3B4TVV6_SERDU 685 nDDEmLaa.VLEmSrqEa	701	USERPAT1 .	.	.
A0A3B4TVV6_SERDU 685 nDDEmLaa.VLEmSrqEa	701	USERPAT1 .	.	.
A0A3B4TVV6_SERDU 685 nDDEmLaa.VLEmSrqEa	701	USERPAT1 .	.	.
A0A3B4Y2G5_SERLL 685 nDDEmLaa.VLEmSrqEa	701	USERPAT1 .	.	.
A0A3B4Y2G5_SERLL 685 nDDEmLaa.VLEmSrqEa	701	USERPAT1 .	.	.
A0A3B4Y2G5_SERLL 685 nDDEmLaa.VLEmSrqEa	701	USERPAT1 .	.	.
A0A3B5AJH2_9TELE 687 nDDEmLaa.VLEmSrqEa	703	USERPAT1 .	.	.

A0A3B5AJH2_9TELE 687 nDDEmLaa.VLEmSrqEa	703	USERPAT1 .	.	.
A0A3B5AJH2_9TELE 687 nDDEmLaa.VLEmSrqEa	703	USERPAT1 .	.	.
A0A3L8SJU7_CHLGU 126 tDEEqAisrVLEaSiaEn	143	USERPAT1 .	.	.
A0A3L8SJU7_CHLGU 126 tDEEqAisrVLEaSiaEn	143	USERPAT1 .	.	.
A0A3L8SNF6_CHLGU 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A3L8SNF6_CHLGU 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A3L8SNF6_CHLGU 714 sEDElLaa.VLEiSkrEa	730	USERPAT1 .	.	.
A0A3M0L0W4_HIRRU 627 sEDElLaa.VLEiSkrEa	643	USERPAT1 .	.	.
A0A3M0L0W4_HIRRU 627 sEDElLaa.VLEiSkrEa	643	USERPAT1 .	.	.
A0A3M0L0W4_HIRRU 627 sEDElLaa.VLEiSkrEa	643	USERPAT1 .	.	.
A0A3M9YCH6_9PEZI 1166 dDDEdFkr.ALEaSkiPs	1182	USERPAT1 .	.	.
A0A3M9YCH6_9PEZI 1166 dDDEdFkr.ALEaSkiPs	1182	USERPAT1 .	.	.
A0A3M9YCH6_9PEZI 1166 dDDEdFkr.ALEaSkiPs	1182	USERPAT1 .	.	.
A0A3P8NBI3_ASTCA 96 tDEEqAisrVLEaSiaEn	113	USERPAT1 .	.	.
A0A3P8NBI3_ASTCA 96 tDEEqAisrVLEaSiaEn	113	USERPAT1 .	.	.
A0A3P8NFM1_ASTCA 621 nDDEmLaa.VLEiSrqEa	637	USERPAT1 .	.	.
A0A3P8NFM1_ASTCA 621 nDDEmLaa.VLEiSrqEa	637	USERPAT1 .	.	.
A0A3P8NFM1_ASTCA 621 nDDEmLaa.VLEiSrqEa	637	USERPAT1 .	.	.
A0A3P8S1N9_AMPPE 625 nDDEmLaa.VLEmSrqEa	641	USERPAT1 .	.	.
A0A3P8S1N9_AMPPE 625 nDDEmLaa.VLEmSrqEa	641	USERPAT1 .	.	.
A0A3P8S1N9_AMPPE 625 nDDEmLaa.VLEmSrqEa	641	USERPAT1 .	.	.
A0A3P8S300_AMPPE 687 nDDEmLaa.VLEmSrqEa	703	USERPAT1 .	.	.
A0A3P8S300_AMPPE 687 nDDEmLaa.VLEmSrqEa	703	USERPAT1 .	.	.

A0A3P8S300_AMPPE 687 nDDEmLaa.VLEmSrqEa	703	USERPAT1 .	.	.
A0A3P8WGD3_CYNSE 653 nDDEmLaa.VLEmSrrEa	669	USERPAT1 .	.	.
A0A3P8WGD3_CYNSE 653 nDDEmLaa.VLEmSrrEa	669	USERPAT1 .	.	.
A0A3P8Y9G8_ESOLU 681 nDEDmLaa.VLEmSrqDa	697	USERPAT1 .	.	.
A0A3P8Y9G8_ESOLU 681 nDEDmLaa.VLEmSrqDa	697	USERPAT1 .	.	.
A0A3P8Y9G8_ESOLU 681 nDEDmLaa.VLEmSrqDa	697	USERPAT1 .	.	.
A0A3P9A0L5_ESOLU 641 nDEDmLaa.VLEmSrqDa	657	USERPAT1 .	.	.
A0A3P9A0L5_ESOLU 641 nDEDmLaa.VLEmSrqDa	657	USERPAT1 .	.	.
A0A3P9A0L5_ESOLU 641 nDEDmLaa.VLEmSrqDa	657	USERPAT1 .	.	.
A0A3P9CAX5_9CICH 686 nDDEmLaa.VLEiSrqEa	702	USERPAT1 .	.	.
A0A3P9CAX5_9CICH 686 nDDEmLaa.VLEiSrqEa	702	USERPAT1 .	.	.
A0A3P9CAX5_9CICH 686 nDDEmLaa.VLEiSrqEa	702	USERPAT1 .	.	.
A0A3P9MUX0_POERE 683 nDDEmLaa.VLEmSrqEa	699	USERPAT1 .	.	.
A0A3P9MUX0_POERE 683 nDDEmLaa.VLEmSrqEa	699	USERPAT1 .	.	.
A0A3P9MUX0_POERE 683 nDDEmLaa.VLEmSrqEa	699	USERPAT1 .	.	.
A0A3Q0CKB2_MESAU 682 sEEEvLaa.VLEiSrrEa	698	USERPAT1 .	.	.
A0A3Q0CKB2_MESAU 682 sEEEvLaa.VLEiSrrEa	698	USERPAT1 .	.	.
A0A3Q0CKB2_MESAU 682 sEEEvLaa.VLEiSrrEa	698	USERPAT1 .	.	.
A0A3Q0CM19_MESAU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A3Q0CM19_MESAU 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A3Q0CR36_MESAU 704 sEEEvLaa.VLEiSrrEa	720	USERPAT1 .	.	.
A0A3Q0CR36_MESAU 704 sEEEvLaa.VLEiSrrEa	720	USERPAT1 .	.	.
A0A3Q0CR36_MESAU 704 sEEEvLaa.VLEiSrrEa	720	USERPAT1 .	.	.

A0A3Q0E644_TARSY 113	130	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A3Q0E644_TARSY 113	130	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A3Q0FMH0_ALLSI 589	605	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa				
A0A3Q0FMH0_ALLSI 589	605	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa				
A0A3Q0FMH0_ALLSI 589	605	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa				
A0A3Q0RDB8_AMPIC 628	644	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q0RDB8_AMPIC 628	644	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q0RDB8_AMPIC 628	644	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1BFK3_AMPOC 687	703	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1BFK3_AMPOC 687	703	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1BFK3_AMPOC 687	703	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1GR08_9TELE 688	704	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1GR08_9TELE 688	704	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1GR08_9TELE 688	704	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1HVVU0_ANATE 684	700	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1HVVU0_ANATE 684	700	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1HVVU0_ANATE 684	700	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1I6Z2_ANATE 682	698	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1I6Z2_ANATE 682	698	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1I6Z2_ANATE 682	698	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa				
A0A3Q1LHR5_BOVIN 151	168	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A3Q1LHR5_BOVIN 151	168	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn				
A0A3Q1MMX0_BOVIN 123	140	USERPAT1 .	.	.

tDEEqAisrVLEaSiaEn A0A3Q1MMX0_BOVIN 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A3Q2EJH3_CYPVA 681 nDEEmLaa.VLEmSrrEa A0A3Q2EJH3_CYPVA 681 nDEEmLaa.VLEmSrrEa A0A3Q2EJH3_CYPVA 681 nDEEmLaa.VLEmSrrEa	697	USERPAT1 .	.	.
A0A3Q2GUR0_HORSE 347 sEEDmLra.AVTmSleTv A0A3Q2GUR0_HORSE 347 sEEDmLra.AVTmSleTv A0A3Q2GUR0_HORSE 347 sEEDmLra.AVTmSleTv	363	USERPAT1 .	.	.
A0A3Q2H0C3_HORSE 57 tDEEqAisrVLEaSiaEn A0A3Q2H0C3_HORSE 57 tDEEqAisrVLEaSiaEn	74	USERPAT1 .	.	.
A0A3Q2HQZ4_HORSE 97 tDEEqAisrVLEaSiaEn A0A3Q2HQZ4_HORSE 97 tDEEqAisrVLEaSiaEn	114	USERPAT1 .	.	.
A0A3Q2HYB5_HORSE 706 sEEElLaa.VLEiSkrEs A0A3Q2HYB5_HORSE 706 sEEElLaa.VLEiSkrEs A0A3Q2HYB5_HORSE 706 sEEElLaa.VLEiSkrEs	722	USERPAT1 .	.	.
A0A3Q2HYS1_HORSE 123 tDEEqAisrVLEaSiaEn A0A3Q2HYS1_HORSE 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A3Q2HZ85_HORSE 128 tDEEqAisrVLEaSiaEn A0A3Q2HZ85_HORSE 128 tDEEqAisrVLEaSiaEn	145	USERPAT1 .	.	.
A0A3Q2I9L4_HORSE 128 tDEEqAisrVLEaSiaEn A0A3Q2I9L4_HORSE 128 tDEEqAisrVLEaSiaEn	145	USERPAT1 .	.	.
A0A3Q2IK66_HORSE 662 sEEElLaa.VLEiSkrEs A0A3Q2IK66_HORSE 662 sEEElLaa.VLEiSkrEs	678	USERPAT1 .	.	.

A0A3Q2IK66_HORSE 662 sEEElLaa.VLEiSkrEs	678	USERPAT1 .	.	.
A0A3Q2L1L7_HORSE 652 sEEElLaa.VLEiSkrEs	668	USERPAT1 .	.	.
A0A3Q2L1L7_HORSE 652 sEEElLaa.VLEiSkrEs	668	USERPAT1 .	.	.
A0A3Q2L1L7_HORSE 652 sEEElLaa.VLEiSkrEs	668	USERPAT1 .	.	.
A0A3Q2LCD7_HORSE 57 tDEEqAisrVLEaSiaEn	74	USERPAT1 .	.	.
A0A3Q2LCD7_HORSE 57 tDEEqAisrVLEaSiaEn	74	USERPAT1 .	.	.
A0A3Q3B3M1_KRYMA 683 nDDEmLaa.VLEmSrqEa	699	USERPAT1 .	.	.
A0A3Q3B3M1_KRYMA 683 nDDEmLaa.VLEmSrqEa	699	USERPAT1 .	.	.
A0A3Q3B3M1_KRYMA 683 nDDEmLaa.VLEmSrqEa	699	USERPAT1 .	.	.
A0A3Q3BH33_KRYMA 670 nDDEmLaa.VLEmSrqEa	686	USERPAT1 .	.	.
A0A3Q3BH33_KRYMA 670 nDDEmLaa.VLEmSrqEa	686	USERPAT1 .	.	.
A0A3Q3BH33_KRYMA 670 nDDEmLaa.VLEmSrqEa	686	USERPAT1 .	.	.
A0A3Q3D0I2_HAPBU 686 nDDEmLaa.VLEiSrqEa	702	USERPAT1 .	.	.
A0A3Q3D0I2_HAPBU 686 nDDEmLaa.VLEiSrqEa	702	USERPAT1 .	.	.
A0A3Q3D0I2_HAPBU 686 nDDEmLaa.VLEiSrqEa	702	USERPAT1 .	.	.
A0A3Q3E4J5_9LABR 668 nDDEmLaa.VLEmSrqEv	684	USERPAT1 .	.	.
A0A3Q3E4J5_9LABR 668 nDDEmLaa.VLEmSrqEv	684	USERPAT1 .	.	.
A0A3Q3E4J5_9LABR 668 nDDEmLaa.VLEmSrqEv	684	USERPAT1 .	.	.
A0A3Q3M0Z7_9TELE 684 nDDEmLaa.VLEiSrqEa	700	USERPAT1 .	.	.
A0A3Q3M0Z7_9TELE 684 nDDEmLaa.VLEiSrqEa	700	USERPAT1 .	.	.
A0A3Q3M0Z7_9TELE 684 nDDEmLaa.VLEiSrqEa	700	USERPAT1 .	.	.
A0A3Q3VY28_MOLML 632 nDDEmLda.VLEmSqqEa	648	USERPAT1 .	.	.
A0A3Q3VY28_MOLML 632 nDDEmLda.VLEmSqqEa	648	USERPAT1 .	.	.



A0A3Q3VY28_MOLML nDDEmLda.VLEmSqqEa	632	648	USERPAT1 .	.	.
A0A3Q4HLL0_NE0BR nDDEmLaa.VLEiSrqEa	643	659	USERPAT1 .	.	.
A0A3Q4HLL0_NE0BR nDDEmLaa.VLEiSrqEa	643	659	USERPAT1 .	.	.
A0A3Q4HLL0_NE0BR nDDEmLaa.VLEiSrqEa	643	659	USERPAT1 .	.	.
A0A3Q7R581_VULVU sEEDmLqa.AVTmSleTv	333	349	USERPAT1 .	.	.
A0A3Q7R581_VULVU sEEDmLqa.AVTmSleTv	333	349	USERPAT1 .	.	.
A0A3Q7R581_VULVU sEEDmLqa.AVTmSleTv	333	349	USERPAT1 .	.	.
A0A3Q7R7A6_VULVU sEEDmLqa.AVTmSleTv	318	334	USERPAT1 .	.	.
A0A3Q7R7A6_VULVU sEEDmLqa.AVTmSleTv	318	334	USERPAT1 .	.	.
A0A3Q7R7A6_VULVU sEEDmLqa.AVTmSleTv	318	334	USERPAT1 .	.	.
A0A3Q7R7B1_VULVU sEEDmLqa.AVTmSleTv	154	170	USERPAT1 .	.	.
A0A3Q7R7B1_VULVU sEEDmLqa.AVTmSleTv	154	170	USERPAT1 .	.	.
A0A3Q7R7B1_VULVU sEEDmLqa.AVTmSleTv	154	170	USERPAT1 .	.	.
A0A3Q7SHU8_VULVU sEEDmLqa.AVTmSleTv	332	348	USERPAT1 .	.	.
A0A3Q7SHU8_VULVU sEEDmLqa.AVTmSleTv	332	348	USERPAT1 .	.	.
A0A3Q7SHU8_VULVU sEEDmLqa.AVTmSleTv	332	348	USERPAT1 .	.	.
A0A3Q7SHV3_VULVU sEEDmLqa.AVTmSleTv	282	298	USERPAT1 .	.	.
A0A3Q7SHV3_VULVU sEEDmLqa.AVTmSleTv	282	298	USERPAT1 .	.	.
A0A3Q7SHV3_VULVU sEEDmLqa.AVTmSleTv	282	298	USERPAT1 .	.	.
A0A3Q7SQN0_VULVU sEEEllLaa.VLEmSkrEa	684	700	USERPAT1 .	.	.
A0A3Q7SQN0_VULVU sEEEllLaa.VLEmSkrEa	684	700	USERPAT1 .	.	.
A0A3Q7SQN0_VULVU sEEEllLaa.VLEmSkrEa	684	700	USERPAT1 .	.	.
A0A3Q7TRU5_VULVU sEEEllLaa.VLEmSkrEa	706	722	USERPAT1 .	.	.

A0A3Q7TRU5_VULVU 706 sEEElLaa.VLEmSkrEa	722	USERPAT1 .	.	.
A0A3Q7TRU5_VULVU 706 sEEElLaa.VLEmSkrEa	722	USERPAT1 .	.	.
A0A3Q7UH43_URSAR 197 sEDEaLqr.ALElSlaEn	213	USERPAT1 .	.	.
A0A3Q7V6G1_URSAR 197 sEDEaLqr.ALElSlaEn	213	USERPAT1 .	.	.
A0A3Q7V6K7_URSAR 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A3Q7V6K7_URSAR 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A3Q7V6K7_URSAR 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A3Q7VYY1_URSAR 683 sEEElLaa.VLEmSkrEs	699	USERPAT1 .	.	.
A0A3Q7VYY1_URSAR 683 sEEElLaa.VLEmSkrEs	699	USERPAT1 .	.	.
A0A3Q7VYY1_URSAR 683 sEEElLaa.VLEmSkrEs	699	USERPAT1 .	.	.
A0A3Q7WBN1_URSAR 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A3Q7WBN1_URSAR 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A3Q7WBN1_URSAR 705 sEEElLaa.VLEmSkrEs	721	USERPAT1 .	.	.
A0A3Q7XA14_URSAR 326 sEEDmLqa.AVTlSleTv	342	USERPAT1 .	.	.
A0A3Q7XA14_URSAR 326 sEEDmLqa.AVTlSleTv	342	USERPAT1 .	.	.
A0A3Q7XA14_URSAR 326 sEEDmLqa.AVTlSleTv	342	USERPAT1 .	.	.
A0A3Q7XA19_URSAR 148 sEEDmLqa.AVTlSleTv	164	USERPAT1 .	.	.
A0A3Q7XA19_URSAR 148 sEEDmLqa.AVTlSleTv	164	USERPAT1 .	.	.
A0A3Q7XA19_URSAR 148 sEEDmLqa.AVTlSleTv	164	USERPAT1 .	.	.
A0A3Q7XVY1_URSAR 276 sEEDmLqa.AVTlSleTv	292	USERPAT1 .	.	.
A0A3Q7XVY1_URSAR 276 sEEDmLqa.AVTlSleTv	292	USERPAT1 .	.	.
A0A3Q7XVY1_URSAR 276 sEEDmLqa.AVTlSleTv	292	USERPAT1 .	.	.
A0A3Q7Y3E5_URSAR 327	343	USERPAT1 .	.	.

sEEDmLqa.AVTlSleTv A0A3Q7Y3E5_URSAR 327	343	USERPAT1 .	.	.
sEEDmLqa.AVTlSleTv A0A3Q7Y3E5_URSAR 327	343	USERPAT1 .	.	.
sEEDmLqa.AVTlSleTv				
A0A3R7PRM8_PENVA 1 mDDdLlslALHmSaqEa	18	USERPAT1 .	.	.
A0A3R7PRM8_PENVA 1 mDDdLlslALHmSaqEa	18	USERPAT1 .	.	.
A0A401P2Z5_SCYT0 227 dDEEsLqr.ALtlSrqHm	243	USERPAT1 .	.	.
A0A401P2Z5_SCYT0 227 dDEEsLqr.ALtlSrqHm	243	USERPAT1 .	.	.
A0A401RIH8_CHIPU 643 sEDElLaa.VLEiSkrEt	659	USERPAT1 .	.	.
A0A401RIH8_CHIPU 643 sEDElLaa.VLEiSkrEt	659	USERPAT1 .	.	.
A0A401RIH8_CHIPU 643 sEDElLaa.VLEiSkrEt	659	USERPAT1 .	.	.
A0A401RIH8_CHIPU 643 sEDElLaa.VLEiSkrEt	659	USERPAT1 .	.	.
A0A401SMB2_CHIPU 50 eEDEnLqr.ALEqSrkes	66	USERPAT1 .	.	.
A0A401SMB2_CHIPU 50 eEDEnLqr.ALEqSrkes	66	USERPAT1 .	.	.
A0A401SSW7_CHIPU 318 eDDEnLqr.ALtlSrqHm	334	USERPAT1 .	.	.
A0A401SSW7_CHIPU 318 eDDEnLqr.ALtlSrqHm	334	USERPAT1 .	.	.
A0A402F317_9SAUR 711 nEDElFaa.VLEiSkrEa	727	USERPAT1 .	.	.
A0A402F317_9SAUR 711 nEDElFaa.VLEiSkrEa	727	USERPAT1 .	.	.
A0A452CL78_BALAS 198 sEDEaLqr.ALElSlaEa	214	USERPAT1 .	.	.
A0A452DJ84_BOVIN 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A452DJ84_BOVIN 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A452DJ84_BOVIN 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A452DUW2_CAPHI 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A452DUW2_CAPHI 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.

A0A452DUW2_CAPHI 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A452ELE0_CAPHI 334 sEEDmLqa.AVTmSleTv	350	USERPAT1 .	.	.
A0A452ELE0_CAPHI 334 sEEDmLqa.AVTmSleTv	350	USERPAT1 .	.	.
A0A452ELE0_CAPHI 334 sEEDmLqa.AVTmSleTv	350	USERPAT1 .	.	.
A0A452ERN2_CAPHI 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A452ERN2_CAPHI 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A452ERQ3_CAPHI 118 tDEEqAisrVLEaSiaEn	135	USERPAT1 .	.	.
A0A452ERQ3_CAPHI 118 tDEEqAisrVLEaSiaEn	135	USERPAT1 .	.	.
A0A452ERR7_CAPHI 146 tDEEqAisrVLEaSiaEn	163	USERPAT1 .	.	.
A0A452ERR7_CAPHI 146 tDEEqAisrVLEaSiaEn	163	USERPAT1 .	.	.
A0A452ERT6_CAPHI 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A452ERT6_CAPHI 123 tDEEqAisrVLEaSiaEn	140	USERPAT1 .	.	.
A0A452ERW3_CAPHI 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A452ERW3_CAPHI 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A452H1J7_9SAUR 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A452H1J7_9SAUR 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A452H1J7_9SAUR 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A452H1R4_9SAUR 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A452H1R4_9SAUR 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A452H1R4_9SAUR 715 sEDElLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A452H270_9SAUR 88 sEDElLaa.VLEiSkrEa	104	USERPAT1 .	.	.
A0A452H270_9SAUR 88 sEDElLaa.VLEiSkrEa	104	USERPAT1 .	.	.
A0A452H270_9SAUR 88 sEDElLaa.VLEiSkrEa	104	USERPAT1 .	.	.

sEDELlLaa.VLEiSkrEa

A0A452Q8F3_URSAM 95 sEEELlLaa.VLEmSkrEs	111	USERPAT1 .	.	.
A0A452Q8F3_URSAM 95 sEEELlLaa.VLEmSkrEs	111	USERPAT1 .	.	.
A0A452Q8F3_URSAM 95 sEEELlLaa.VLEmSkrEs	111	USERPAT1 .	.	.
A0A452QRA9_URSAM 197 sEDEaLqr.ALElSlaEn	213	USERPAT1 .	.	.
A0A452SVJ4_URSAM 275 sEEDmLqa.AVTlSleTv	291	USERPAT1 .	.	.
A0A452SVJ4_URSAM 275 sEEDmLqa.AVTlSleTv	291	USERPAT1 .	.	.
A0A452SVJ4_URSAM 275 sEEDmLqa.AVTlSleTv	291	USERPAT1 .	.	.
A0A452SVY9_URSAM 263 sEEDmLqa.AVTlSleTv	279	USERPAT1 .	.	.
A0A452SVY9_URSAM 263 sEEDmLqa.AVTlSleTv	279	USERPAT1 .	.	.
A0A452SVY9_URSAM 263 sEEDmLqa.AVTlSleTv	279	USERPAT1 .	.	.
A0A452SW03_URSAM 325 sEEDmLqa.AVTlSleTv	341	USERPAT1 .	.	.
A0A452SW03_URSAM 325 sEEDmLqa.AVTlSleTv	341	USERPAT1 .	.	.
A0A452SW03_URSAM 325 sEEDmLqa.AVTlSleTv	341	USERPAT1 .	.	.
A0A452SW18_URSAM 332 sEEDmLqa.AVTlSleTv	348	USERPAT1 .	.	.
A0A452SW18_URSAM 332 sEEDmLqa.AVTlSleTv	348	USERPAT1 .	.	.
A0A452SW18_URSAM 332 sEEDmLqa.AVTlSleTv	348	USERPAT1 .	.	.
A0A452SW49_URSAM 303 sEEDmLqa.AVTlSleTv	319	USERPAT1 .	.	.
A0A452SW49_URSAM 303 sEEDmLqa.AVTlSleTv	319	USERPAT1 .	.	.
A0A452SW49_URSAM 303 sEEDmLqa.AVTlSleTv	319	USERPAT1 .	.	.
A0A455ANT6_PHYMC 706 sEEELlLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A455ANT6_PHYMC 706 sEEELlLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A455ANT6_PHYMC 706 sEEELlLaa.VLEiSkrEa	722	USERPAT1 .	.	.

A0A455B0F9_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A455B0F9_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A455B0F9_PHYMC 706 sEEElLaa.VLEiSkrEa	722	USERPAT1 .	.	.
A0A455BMJ7_PHYMC 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A455BMJ7_PHYMC 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A455BQW5_PHYMC 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A455BQW5_PHYMC 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A455BT30_PHYMC 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A455BT30_PHYMC 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A455BT30_PHYMC 279 sEEDmLqa.AVTmSleTv	295	USERPAT1 .	.	.
A0A455BTS4_PHYMC 272 sEEDmLqa.AVTmSleTv	288	USERPAT1 .	.	.
A0A455BTS4_PHYMC 272 sEEDmLqa.AVTmSleTv	288	USERPAT1 .	.	.
A0A455BTS4_PHYMC 272 sEEDmLqa.AVTmSleTv	288	USERPAT1 .	.	.
A0A455C2P2_PHYMC 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A455C2P2_PHYMC 151 tDEEqAisrVLEaSiaEn	168	USERPAT1 .	.	.
A0A455C853_PHYMC 273 sEEDmLqa.AVTmSleTv	289	USERPAT1 .	.	.
A0A455C853_PHYMC 273 sEEDmLqa.AVTmSleTv	289	USERPAT1 .	.	.
A0A455C853_PHYMC 273 sEEDmLqa.AVTmSleTv	289	USERPAT1 .	.	.
A0A484BT32_DRONA 563 eDDEqLqr.VLHeSImGa	579	USERPAT1 .	.	.
A0A484BT32_DRONA 563 eDDEqLqr.VLHeSImGa	579	USERPAT1 .	.	.
A0A484BT32_DRONA 563 eDDEqLqr.VLHeSImGa	579	USERPAT1 .	.	.
A0A484BT32_DRONA 563 eDDEqLqr.VLHeSImGa	579	USERPAT1 .	.	.
A0A498LFL3_LABRO 630 nDEEmLaa.VLEmSrhDt	646	USERPAT1 .	.	.

A0A498LFL3_LABRO 630 nDEEmLaa.VLEmSrhDt	646	USERPAT1 .	.	.
A0A498M7M2_LABRO 122 tDEEqAisrVLEaSiaEn	139	USERPAT1 .	.	.
A0A498M7M2_LABRO 122 tDEEqAisrVLEaSiaEn	139	USERPAT1 .	.	.
A0A4D9DMU2_9SAUR 205 sEEELqr.ALEmSlaEs	221	USERPAT1 .	.	.
A0A4D9DMU2_9SAUR 205 sEEELqr.ALEmSlaEs	221	USERPAT1 .	.	.
A0A4D9E540_9SAUR 715 sEDELlLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A4D9E540_9SAUR 715 sEDELlLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A0A4D9E540_9SAUR 715 sEDELlLaa.VLEiSkrEa	731	USERPAT1 .	.	.
A2EEG1_TRIVA 216 dEDEeFrr.VLEeSrhEt	232	USERPAT1 .	.	.
A2EEG1_TRIVA 216 dEDEeFrr.VLEeSrhEt	232	USERPAT1 .	.	.
A2EEG1_TRIVA 216 dEDEeFrr.VLEeSrhEt	232	USERPAT1 .	.	.
A2EEG1_TRIVA 216 dEDEeFrr.VLEeSrhEt	232	USERPAT1 .	.	.
A3GG13_PICST 656 dEEDeVmrrVLElSlhEh	673	USERPAT1 .	.	.
A3GG13_PICST 656 dEEDeVmrrVLElSlhEh	673	USERPAT1 .	.	.
A3GG13_PICST 656 dEEDeVmrrVLElSlhEh	673	USERPAT1 .	.	.
ATX3L_HUMAN 224 qDEEdFqr.ALElSrqEt	240	USERPAT1 .	.	.
ATX3L_HUMAN 224 qDEEdFqr.ALElSrqEt	240	USERPAT1 .	.	.
ATX3_HUMAN 335 sEEDmLqa.AVTmSleTv	351	USERPAT1 .	.	.
ATX3_HUMAN 335 sEEDmLqa.AVTmSleTv	351	USERPAT1 .	.	.
ATX3_HUMAN 335 sEEDmLqa.AVTmSleTv	351	USERPAT1 .	.	.
ATX3_MOUSE 329 sEEDmLra.AVTmSleTa	345	USERPAT1 .	.	.
ATX3_MOUSE 329 sEEDmLra.AVTmSleTa	345	USERPAT1 .	.	.
ATX3_MOUSE 329 sEEDmLra.AVTmSleTa	345	USERPAT1 .	.	.

B4H729_DROPE	504	520	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4H729_DROPE	504	520	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4H729_DROPE	504	520	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4H729_DROPE	504	520	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4JVM8_DROGR	572	588	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4JVM8_DROGR	572	588	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4JVM8_DROGR	572	588	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4JVM8_DROGR	572	588	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4KU71_DROMO	563	579	USERPAT1 .	.	.
eDDEqLqr.VLHeSlmGa					
B4KU71_DROMO	563	579	USERPAT1 .	.	.
eDDEqLqr.VLHeSlmGa					
B4KU71_DROMO	563	579	USERPAT1 .	.	.
eDDEqLqr.VLHeSlmGa					
B4KU71_DROMO	563	579	USERPAT1 .	.	.
eDDEqLqr.VLHeSlmGa					
B4MCN8_DROVI	564	580	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4MCN8_DROVI	564	580	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4MCN8_DROVI	564	580	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
B4MCN8_DROVI	564	580	USERPAT1 .	.	.
eDDEqLqr.VLHeSllGa					
C9JQV6_HUMAN	265	281	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
C9JQV6_HUMAN	265	281	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
C9JQV6_HUMAN	265	281	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
C9SHD9_VERA1	1166	1182	USERPAT1 .	.	.
dDDEdFkr.ALEaSkIPs					
C9SHD9_VERA1	1166	1182	USERPAT1 .	.	.
dDDEdFkr.ALEaSkIPs					
C9SHD9_VERA1	1166	1182	USERPAT1 .	.	.
dDDEdFkr.ALEaSkIPs					
D2V513_NAEGR	146	162	USERPAT1 .	.	.
nEDEeLqr.VLElSkqEh					
D2V513_NAEGR	146	162	USERPAT1 .	.	.



nEDEeLqr.VLElSkqEh

D4ABE5_RAT	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
D4ABE5_RAT	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
D4ABE5_RAT	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
D4ACD3_RAT	124	141	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
D4ACD3_RAT	124	141	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
DAR6_ARATH	244	260	USERPAT1 .	.	.
dEEEqLak.AVEeSlkGk					
DAR6_ARATH	244	260	USERPAT1 .	.	.
dEEEqLak.AVEeSlkGk					
E0CY18_MOUSE	197	213	USERPAT1 .	.	.
sEDEaLqr.ALElSlaEa					
E1ZSZ0_CHLVA	160	176	USERPAT1 .	.	.
dEDEeLqr.ALEmSmaGg					
E2QUQ9_CANLF	333	349	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
E2QUQ9_CANLF	333	349	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
E2QUQ9_CANLF	333	349	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
E2QW53_CANLF	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
E2QW53_CANLF	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
E2RHS7_CANLF	326	342	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
E2RHS7_CANLF	326	342	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
E2RHS7_CANLF	326	342	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
E2RK08_CANLF	666	682	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					
E2RK08_CANLF	666	682	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					
E2RK08_CANLF	666	682	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					
E9PFU9_HUMAN	197	213	USERPAT1 .	.	.
sEDEaLqr.ALEmSlaEt					

F1MP13_BOVIN	151	168	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F1MP13_BOVIN	151	168	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F2TYZ4_SALR5	201	217	USERPAT1 .	.	.
aEDEeLqr.VLElSaeEh					
F2TYZ4_SALR5	201	217	USERPAT1 .	.	.
aEDEeLqr.VLElSaeEh					
F5H211_HUMAN	344	360	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F5H211_HUMAN	344	360	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F5H211_HUMAN	344	360	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F6SMT5_MONDO	711	727	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
F6SMT5_MONDO	711	727	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
F6SMT5_MONDO	711	727	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
F6SNZ3_MONDO	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6SNZ3_MONDO	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6SVL6_CALJA	347	363	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F6SVL6_CALJA	347	363	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F6SVL6_CALJA	347	363	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F6SVY6_CALJA	285	301	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F6SVY6_CALJA	285	301	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F6SVY6_CALJA	285	301	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
F6TSS4_HORSE	333	349	USERPAT1 .	.	.
sEEDmLra.AVTmSleTv					
F6TSS4_HORSE	333	349	USERPAT1 .	.	.
sEEDmLra.AVTmSleTv					
F6TSS4_HORSE	333	349	USERPAT1 .	.	.
sEEDmLra.AVTmSleTv					
F6VWD3_MACMU	706	722	USERPAT1 .	.	.
sEEEllaa.VLEiSkrDa					
F6VWD3_MACMU	706	722	USERPAT1 .	.	.
sEEEllaa.VLEiSkrDa					

F6Y2G0_MACMU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6Y2G0_MACMU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6Y2I3_MACMU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6Y2I3_MACMU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6Y2J9_MACMU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6Y2J9_MACMU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6YF39_XENTR	208	224	USERPAT1 .	.	.
tEEElLqr.ALEmSlaEs					
F6ZG63_HORSE	684	700	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEs					
F6ZG63_HORSE	684	700	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEs					
F6ZG63_HORSE	684	700	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEs					
F6ZIZ7_HORSE	57	74	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F6ZIZ7_HORSE	57	74	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7AII7_ORNAN	124	141	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7AII7_ORNAN	124	141	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7AIJ4_ORNAN	124	141	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7AIJ4_ORNAN	124	141	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7ARV7_CALJA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7ARV7_CALJA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7DC76_XENTR	711	727	USERPAT1 .	.	.
nDDElVaa.VLEmSkkEt					
F7DC76_XENTR	711	727	USERPAT1 .	.	.
nDDElVaa.VLEmSkkEt					
F7DY46_CALJA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7DY46_CALJA	123	140	USERPAT1 .	.	.

tDEEqAisrVLEaSiaEn

F7ES35_CALJA	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
F7ES35_CALJA	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
F7ES35_CALJA	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
F7F5L2_CALJA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7F5L2_CALJA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7F5M5_CALJA	612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
F7F5M5_CALJA	612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
F7F5M5_CALJA	612	628	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
F7F5Q1_CALJA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
F7F5Q1_CALJA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G1KAT4_ANOCA	697	713	USERPAT1 .	.	.
nEElLaa.VLEmSkkEt					
G1KAT4_ANOCA	697	713	USERPAT1 .	.	.
nEElLaa.VLEmSkkEt					
G1KAT4_ANOCA	697	713	USERPAT1 .	.	.
nEElLaa.VLEmSkkEt					
G1L8C8_AILME	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEs					
G1L8C8_AILME	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEs					
G1L8C8_AILME	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEs					
G1M8G9_AILME	320	336	USERPAT1 .	.	.
sEEDmLqa.AVTmSlaTv					
G1M8G9_AILME	320	336	USERPAT1 .	.	.
sEEDmLqa.AVTmSlaTv					
G1M8G9_AILME	320	336	USERPAT1 .	.	.
sEEDmLqa.AVTmSlaTv					
G1NG28_MELGA	715	731	USERPAT1 .	.	.
sEElLaa.VLEiSkrEa					
G1NG28_MELGA	715	731	USERPAT1 .	.	.
sEElLaa.VLEiSkrEa					
G1NG28_MELGA	715	731	USERPAT1 .	.	.
sEElLaa.VLEiSkrEa					

G1PHP0_MYOLU	108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G1PHP0_MYOLU	108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G1QNB5_NOMLE	116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G1QNB5_NOMLE	116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G1RBP9_NOMLE	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
G1RBP9_NOMLE	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
G1SMF4_RABIT	151	168	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G1SMF4_RABIT	151	168	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G1SPH1_RABIT	322	338	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G1SPH1_RABIT	322	338	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G1SPH1_RABIT	322	338	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G1T3H8_RABIT	706	722	USERPAT1 .	.	.
nEEElIaa.VLEiSkrEt					
G1T3H8_RABIT	706	722	USERPAT1 .	.	.
nEEElIaa.VLEiSkrEt					
G2WTE6_VERDV	1167	1183	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs					
G2WTE6_VERDV	1167	1183	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs					
G2WTE6_VERDV	1167	1183	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs					
G2WTE6_VERDV	1167	1183	USERPAT1 .	.	.
dDDEdFkr.ALEaSkiPs					
G3HWH3_CRIGR	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
G3HWH3_CRIGR	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
G3HWH3_CRIGR	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
G3I1H9_CRIGR	281	297	USERPAT1 .	.	.
rEEDmLra.AVNmSleTa					
G3I1H9_CRIGR	281	297	USERPAT1 .	.	.
rEEDmLra.AVNmSleTa					
G3I1H9_CRIGR	281	297	USERPAT1 .	.	.
rEEDmLra.AVNmSleTa					

G3NDF4_GASAC	696	712	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqaEa					
G3NDF4_GASAC	696	712	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqaEa					
G3NDF4_GASAC	696	712	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqaEa					
G3Q9R1_GASAC	122	139	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3Q9R1_GASAC	122	139	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3QGR2_GORG0	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3QGR2_GORG0	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3RE51_GORG0	276	292	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G3RE51_GORG0	276	292	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G3RE51_GORG0	276	292	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G3REK7_GORG0	610	626	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
G3REK7_GORG0	610	626	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
G3S3D3_GORG0	704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
G3S3D3_GORG0	704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
G3SA57_GORG0	261	277	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G3SA57_GORG0	261	277	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G3SA57_GORG0	261	277	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G3TA40_LOXAF	35	52	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3TA40_LOXAF	35	52	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3TES3_LOXAF	707	723	USERPAT1 .	.	.
sEEElVaa.VLEiSkrEt					
G3TES3_LOXAF	707	723	USERPAT1 .	.	.
sEEElVaa.VLEiSkrEt					
G3VV53_SARHA	136	153	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					

G3VV53_SARHA	136	153	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3VV54_SARHA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3VV54_SARHA	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
G3WTH5_SARHA	711	727	USERPAT1 .	.	.
sEDELlLaa.VLEiSkkEa					
G3WTH5_SARHA	711	727	USERPAT1 .	.	.
sEDELlLaa.VLEiSkkEa					
G3WTH5_SARHA	711	727	USERPAT1 .	.	.
sEDELlLaa.VLEiSkkEa					
G3WTH6_SARHA	710	726	USERPAT1 .	.	.
sEDELlLaa.VLEiSkkEa					
G3WTH6_SARHA	710	726	USERPAT1 .	.	.
sEDELlLaa.VLEiSkkEa					
G3WTH6_SARHA	710	726	USERPAT1 .	.	.
sEDELlLaa.VLEiSkkEa					
G5AZI7_HETGA	638	654	USERPAT1 .	.	.
sEEELlLaa.VLEiSkRt					
G5AZI7_HETGA	638	654	USERPAT1 .	.	.
sEEELlLaa.VLEiSkRt					
G5AZI7_HETGA	638	654	USERPAT1 .	.	.
sEEELlLaa.VLEiSkRt					
G5AZL7_HETGA	347	363	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G5AZL7_HETGA	347	363	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G5AZL7_HETGA	347	363	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
G8Y9V0_PICSO	279	295	USERPAT1 .	.	.
dEDEqLrr.ALElSlqDs					
G8Y9V0_PICSO	279	295	USERPAT1 .	.	.
dEDEqLrr.ALElSlqDs					
H0UXL2_CAVPO	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H0UXL2_CAVPO	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H0VHY0_CAVPO	325	341	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H0VHY0_CAVPO	325	341	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H0VHY0_CAVPO	325	341	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H0VSL2_CAVPO	706	722	USERPAT1 .	.	.

nEEElLaa.VLEiSkrEa					
H0VSL2_CAVPO	706	722	USERPAT1 .	.	.
nEEElLaa.VLEiSkrEa					
H0VSL2_CAVPO	706	722	USERPAT1 .	.	.
nEEElLaa.VLEiSkrEa					
H0WPC2_OTOGA	711	727	USERPAT1 .	.	.
sEEElLta.VLEiSkrEt					
H0WPC2_OTOGA	711	727	USERPAT1 .	.	.
sEEElLta.VLEiSkrEt					
H0X9P3_OTOGA	126	143	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H0X9P3_OTOGA	126	143	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H0Z4Z5_TAEGU	714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
H0Z4Z5_TAEGU	714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
H0Z4Z5_TAEGU	714	730	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
H0ZTK0_TAEGU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H0ZTK0_TAEGU	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2MJB1_ORYLA	653	669	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa					
H2MJB1_ORYLA	653	669	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa					
H2MJB1_ORYLA	653	669	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa					
H2NM22_PONAB	305	321	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H2NM22_PONAB	305	321	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H2NM22_PONAB	305	321	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H2P2S3_PONAB	108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2P2S3_PONAB	108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2P2S4_PONAB	108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2P2S4_PONAB	108	125	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2P8L1_PONAB	620	636	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					



H2P8L1_PONAB	620	636	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
H2QJF0_PANTR	704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
H2QJF0_PANTR	704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
H2QKV1_PANTR	116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2QKV1_PANTR	116	133	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2R2I4_PANTR	348	364	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H2R2I4_PANTR	348	364	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H2R2I4_PANTR	348	364	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
H2ZYR3_LATCH	109	126	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H2ZYR3_LATCH	109	126	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H3BDY2_LATCH	718	734	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEt					
H3BDY2_LATCH	718	734	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEt					
H3BDY2_LATCH	718	734	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEt					
H3BDY2_LATCH	718	734	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEt					
H3CKN5_TETNG	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H3CKN5_TETNG	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
H7C491_HUMAN	11	27	USERPAT1 .	.	.
sEDEaLqr.ALEmSlaEt					
H9FUL0_MACMU	334	350	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					
H9FUL0_MACMU	334	350	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					
H9FUL0_MACMU	334	350	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					
H9H469_MACMU	279	295	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					
H9H469_MACMU	279	295	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					
H9H469_MACMU	279	295	USERPAT1 .	.	.

gEEDmLqa.AVTmSleTv

H9H470_MACMU	319	335	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					
H9H470_MACMU	319	335	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					
H9H470_MACMU	319	335	USERPAT1 .	.	.
gEEDmLqa.AVTmSleTv					

H9KUV4_CANLF	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					
H9KUV4_CANLF	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					
H9KUV4_CANLF	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					

I1IGT8_BRADI	72	88	USERPAT1 .	.	.
eEDEqLar.ALHeSlnTg					
I1IGT8_BRADI	72	88	USERPAT1 .	.	.
eEDEqLar.ALHeSlnTg					

I3KJB2_ORENI	687	703	USERPAT1 .	.	.
nDDEmLaa.VLEiSrqEa					
I3KJB2_ORENI	687	703	USERPAT1 .	.	.
nDDEmLaa.VLEiSrqEa					
I3KJB2_ORENI	687	703	USERPAT1 .	.	.
nDDEmLaa.VLEiSrqEa					

I3KJB3_ORENI	678	694	USERPAT1 .	.	.
nDDEmLaa.VLEiSrqEa					
I3KJB3_ORENI	678	694	USERPAT1 .	.	.
nDDEmLaa.VLEiSrqEa					
I3KJB3_ORENI	678	694	USERPAT1 .	.	.
nDDEmLaa.VLEiSrqEa					

I3L8M9_PIG	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
I3L8M9_PIG	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					

I3LEV3_PIG	705	721	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
I3LEV3_PIG	705	721	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
I3LEV3_PIG	705	721	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					

I3LU36_PIG	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
I3LU36_PIG	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					

I3MNV2_ICTTR	701	717	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					

I3MNV2_ICTTR	701	717	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
I3MNV2_ICTTR	701	717	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
I3MQ41_ICTTR	315	331	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
I3MQ41_ICTTR	315	331	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
I3MQ41_ICTTR	315	331	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
J9P3Q0_CANLF	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
J9P3Q0_CANLF	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
J9PA48_CANLF	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
J9PA48_CANLF	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
K0KGU5_WICCF	257	273	USERPAT1 .	.	.
dDDEdLkk.ALElSlrEs					
K0KGU5_WICCF	257	273	USERPAT1 .	.	.
dDDEdLkk.ALElSlrEs					
K1P5Q1_CRAGI	964	980	USERPAT1 .	.	.
gDDEdLkr.ALElSlqEd					
K1P5Q1_CRAGI	964	980	USERPAT1 .	.	.
gDDEdLkr.ALElSlqEd					
K1P5Q1_CRAGI	964	980	USERPAT1 .	.	.
gDDEdLkr.ALElSlqEd					
K7EV91_PONAB	302	318	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
K7EV91_PONAB	302	318	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
K7EV91_PONAB	302	318	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
K7FJG9_PELSI	146	163	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
K7FJG9_PELSI	146	163	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
K7FQ01_PELSI	715	731	USERPAT1 .	.	.
sEElLaa.VLEiSkrEs					
K7FQ01_PELSI	715	731	USERPAT1 .	.	.
sEElLaa.VLEiSkrEs					
K7FQ01_PELSI	715	731	USERPAT1 .	.	.
sEElLaa.VLEiSkrEs					
L5JMJ6_PTEAL	128	145	USERPAT1 .	.	.

tDEEqAisrVLEaSiaEn L5JMJ6_PTEAL 128 tDEEqAisrVLEaSiaEn	145	USERPAT1 .	.	.
L5JQB9_PTEAL 335 sEEDmLqa.AVTmSleTv L5JQB9_PTEAL 335 sEEDmLqa.AVTmSleTv L5JQB9_PTEAL 335 sEEDmLqa.AVTmSleTv	351 351 351	USERPAT1 .	.	.
L5L1R3_PTEAL 671 sEEElLaa.VLEiSkrEa L5L1R3_PTEAL 671 sEEElLaa.VLEiSkrEa L5L1R3_PTEAL 671 sEEElLaa.VLEiSkrEa	687 687 687	USERPAT1 .	.	.
M2N5Y0_BAUPA 1236 tEDEdLqk.ALElSmqGh	1252	USERPAT1 .	.	.
M3VUA8_FELCA 123 tDEEqAisrVLEaSiaEn M3VUA8_FELCA 123 tDEEqAisrVLEaSiaEn	140 140	USERPAT1 .	.	.
M3VYE7_FELCA 705 sEEElLaa.VLEiSkrEa M3VYE7_FELCA 705 sEEElLaa.VLEiSkrEa M3VYE7_FELCA 705 sEEElLaa.VLEiSkrEa	721 721 721	USERPAT1 .	.	.
M3WT23_FELCA 325 sEEDmLqa.AVTmSleVv M3WT23_FELCA 325 sEEDmLqa.AVTmSleVv M3WT23_FELCA 325 sEEDmLqa.AVTmSleVv	341 341 341	USERPAT1 .	.	.
M3YH27_MUSPF 127 tDEEqAisrVLEaSiaEn M3YH27_MUSPF 127 tDEEqAisrVLEaSiaEn	144 144	USERPAT1 .	.	.
M3YYM3_MUSPF 705 sEEElLaa.VLEmSkrEa M3YYM3_MUSPF 705 sEEElLaa.VLEmSkrEa M3YYM3_MUSPF 705 sEEElLaa.VLEmSkrEa	721 721 721	USERPAT1 .	.	.
M4AKN0_XIPMA 680 nDDEmLaa.VLEmSrqaEa	696	USERPAT1 .	.	.

M4AKN0_XIPMA	680	696	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqaEa					
M4AKN0_XIPMA	680	696	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqaEa					
M7BB78_CHEMY	715	731	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
M7BB78_CHEMY	715	731	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
M7BB78_CHEMY	715	731	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
Q06AV3_PIG	327	343	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
Q06AV3_PIG	327	343	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
Q06AV3_PIG	327	343	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
Q0P3R6_XENLA	197	213	USERPAT1 .	.	.
tEEELqr.ALEmSlsEs					
Q28BY1_XENTR	122	139	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
Q28BY1_XENTR	122	139	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
Q6BZF2_DEBHA	184	200	USERPAT1 .	.	.
dDDDeMqk.ALEmSriTa					
Q6BZF2_DEBHA	184	200	USERPAT1 .	.	.
dDDDeMqk.ALEmSriTa					
Q6C7S0_YARLI	628	645	USERPAT1 .	.	.
eDEEeAlarALEaSllEa					
Q6C7S0_YARLI	628	645	USERPAT1 .	.	.
eDEEeAlarALEaSllEa					
Q6C7S0_YARLI	628	645	USERPAT1 .	.	.
eDEEeAlarALEaSllEa					
Q6C7S0_YARLI	681	697	USERPAT1 .	.	.
eEDEdLky.ALElSlaEe					
Q6C7S0_YARLI	681	697	USERPAT1 .	.	.
eEDEdLky.ALElSlaEe					
Q6C7S0_YARLI	681	697	USERPAT1 .	.	.
eEDEdLky.ALElSlaEe					
Q96B65_HUMAN	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
Q96B65_HUMAN	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
R0L3N1_ANAPL	715	731	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					
R0L3N1_ANAPL	715	731	USERPAT1 .	.	.
sEDElLaa.VLEiSkrEa					

R0L3N1_ANAPL	715	731	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
R9PXQ8_CHICK	714	730	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
R9PXQ8_CHICK	714	730	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
R9PXQ8_CHICK	714	730	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
S4R6R4_PETMA	648	664	USERPAT1 .	.	.
tDEDqLkr.ALNlSkqVr					
S4R6R4_PETMA	648	664	USERPAT1 .	.	.
tDEDqLkr.ALNlSkqVr					
S8AAA9_DACHA	1413	1429	USERPAT1 .	.	.
tDDdLqr.VLEmSmkEe					
S8AAA9_DACHA	1413	1429	USERPAT1 .	.	.
tDDdLqr.VLEmSmkEe					
S8AAA9_DACHA	1413	1429	USERPAT1 .	.	.
tDDdLqr.VLEmSmkEe					
U3IEF8_ANAPP	2	18	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
U3IEF8_ANAPP	2	18	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
U3IEF8_ANAPP	2	18	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
U3JN86_FICAL	714	730	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
U3JN86_FICAL	714	730	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
U3JN86_FICAL	714	730	USERPAT1 .	.	.
sEDeLLaa.VLEiSkrEa					
UBP25_HUMAN	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
UBP25_HUMAN	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
UBP25_MOUSE	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
UBP25_MOUSE	123	140	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
UBP37_BOVIN	706	722	USERPAT1 .	.	.
sEEeLLaa.VLEiSkrEa					
UBP37_BOVIN	706	722	USERPAT1 .	.	.
sEEeLLaa.VLEiSkrEa					
UBP37_BOVIN	706	722	USERPAT1 .	.	.
sEEeLLaa.VLEiSkrEa					
UBP37_CANLF	706	722	USERPAT1 .	.	.

sEEElLaa.VLEmSkrEa					
UBP37_CANLF	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					
UBP37_CANLF	706	722	USERPAT1 .	.	.
sEEElLaa.VLEmSkrEa					
UBP37_CHICK	712	728	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa					
UBP37_CHICK	712	728	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa					
UBP37_CHICK	712	728	USERPAT1 .	.	.
sEDELlLaa.VLEiSkrEa					
UBP37_DANRE	672	688	USERPAT1 .	.	.
nDEEmLaa.VLEmSrhDt					
UBP37_DANRE	672	688	USERPAT1 .	.	.
nDEEmLaa.VLEmSrhDt					
UBP37_DANRE	672	688	USERPAT1 .	.	.
nDEEmLaa.VLEmSrhDt					
UBP37_HUMAN	704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
UBP37_HUMAN	704	720	USERPAT1 .	.	.
sEEElLaa.VLEiSkrDa					
UBP37_MOUSE	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
UBP37_MOUSE	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
UBP37_MOUSE	704	720	USERPAT1 .	.	.
sEEEvLaa.VLEiSrrEa					
UBP37_PIG	707	723	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
UBP37_PIG	707	723	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
UBP37_PIG	707	723	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
V7CRH6_PHAVU	71	87	USERPAT1 .	.	.
eEDEqLar.ALEeSlnVe					
V7CRH6_PHAVU	71	87	USERPAT1 .	.	.
eEDEqLar.ALEeSlnVe					
V7CTT5_PHAVU	75	91	USERPAT1 .	.	.
eEDEqLar.ALEeSlnVe					
V7CTT5_PHAVU	75	91	USERPAT1 .	.	.
eEDEqLar.ALEeSlnVe					
W2LJ66_PHYPR	330	346	USERPAT1 .	.	.
dEDEDIrk.ALElSlqTa					
W2RCY5_PHYPN	330	346	USERPAT1 .	.	.
dEDEDIrk.ALElSlqTa					

W5KFG5_ASTMX	674	690	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa					
W5KFG5_ASTMX	674	690	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa					
W5KFG5_ASTMX	674	690	USERPAT1 .	.	.
nDDEmLaa.VLEmSrqEa					
W5MR55_LEPOC	676	692	USERPAT1 .	.	.
nDEEmLaa.VLEmSrqEn					
W5MR55_LEPOC	676	692	USERPAT1 .	.	.
nDEEmLaa.VLEmSrqEn					
W5MR55_LEPOC	676	692	USERPAT1 .	.	.
nDEEmLaa.VLEmSrqEn					
W5PT81_SHEEP	346	362	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
W5PT81_SHEEP	346	362	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
W5PT81_SHEEP	346	362	USERPAT1 .	.	.
sEEDmLqa.AVTmSleTv					
W5Q3D4_SHEEP	117	134	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
W5Q3D4_SHEEP	117	134	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
W5Q3D6_SHEEP	117	134	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
W5Q3D6_SHEEP	117	134	USERPAT1 .	.	.
tDEEqAisrVLEaSiaEn					
W5QEA5_SHEEP	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
W5QEA5_SHEEP	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					
W5QEA5_SHEEP	706	722	USERPAT1 .	.	.
sEEElLaa.VLEiSkrEa					