Entry Class Id	Ac Mod Entry Date	√ 1ype 100 KDA PROTEIN (EC 6.3.2)	Species Rattus norvegious (Pat)	Org Ref Entry	Entry	Author Cite Entry Nucleic Acids Res. 20:1471-1475(1992)		o Id stus	Prim Id Entry	Domain To Descr Entry 77 8	ă	Signal Chain To Descr	Disulfid N	Non Ter Mod Res	Conflict To Descr	Carbohyd Np	Up Bind S	Similar To Descr	Pir Meno	el Hssp Sec Prim Sec Prim Id Id Id Id	Prosite Stat Sec Id Prim Id	Sec Id Prim Id	Flybase Maiz Sec Prim Id & & Id &	zedb Wormpep Prim Prim Id Id
TANDARD 100	1997 01-NOV-	V- 35 Created 100 KDA PROTEIN (EC 6.3.2) V- 35 Last sequence update -1999 38 Last annotation update		Meta20a Chordata Craniata Vertebrata Euteleostomi Mammalia Eutheria Rodentia Rodentia Craniata Cran	TISSUE=TESTIS 2 ERRATUM	Rehbein M Baumeister H Richter D Mueller D Rehbein M Baumeister H Richter D Nucleic Acids Res. 20:2624-2624(1992)	CAA45756 X64411	- IPR000569 - IPR002004 1 PABP	PF00632 Ubiquitin conjugation Ligase	77 88 127 150 420 439 448 457 485 514 579 590 786 889 827 847	SSS SSS (SBIQUITIN (BY SIMILARITY)													
PRT STANDARD 104	01-APR-	R-1990 14 Created ANTIGEN R-1990 14 Last sequence update G- 23 Last annotation update	Theileria parva	Sciurognatini Muridae Murinae Rattus Eukaryota 1 Alveolata Apicomplexa		Iams K.P Young J.R Nene V Desai I	AAA18217 M29954		Antigen Sporozoite Repeat	1 19 905 924									A44945 A44945					
PRT STANDARD 108	B_LYCES 102 15-JUL-1 15-JUL-1 15-JUL-1			Piroplasmida Theileriidae Theileria Eukaryota Viridiplantae Embryophyta Tracheophyta	SEQUENCE FROM N.A STRAIN=CV. VF36 TISSUE=ANTHER MEDLINE 94143497	Webster P Ole-Molyol O.K Musoke A.J Chen R Smith A.G Plant Physiol. 101:1413-1413(1993)	CAA78466 Z14088					1 30 POTENTIAL 31 102 PROTEIN 108	41 77 BY SIMILARITY 51 66 BY SIMILARITY 67 92 BY SIMILARITY 79 99 BY SIMILARITY						11	33 LYCes 8853				
		update		Spermatophyta Magnoliophyta eudicotyledons Asteridae euasterids I Solanales Solanaceae Solanum																				
PRT STANDARD 10k	D_VIGUN 75 01-NOV- 1990 01-NOV- 1990 01-FEB-	V- 16 Created 10 KDA PROTEIN PRECURSOR (CLONE PSAS10) 16 Last sequence update 1-1995 31 Last annotation update	vigna unguiculata (Cowpea)	Eukaryota 1 Viridiplantae Embryophyta Tracheophyta Spermatophyta Magnoliophyta eudicotyledons Rosidae	SEQUENCE FROM N.A MEDLINE 91355865	Ishibashi N Yamauchi D Miniamikawa T	CAA34760 X16877	- IPR002118 1 Gamma-thionin	PF00304 <u>Germination</u> Signal			1 ? POTENTIAL ? 75 10 kDa PROTEIN	31 75 BY SIMILARITY 42 63 BY SIMILARITY 48 69 BY SIMILARITY 52 71 BY SIMILARITY						S11156 S11156	1CHL P45639	1 GAMMA_THIONIN PS00940			
PRT STANDARD 110		I-1990 13 Created	Plasmodium knowlesi	eurosids I Fabales Fabaceae Papilionoideae Vigna Eukaryota Alveolata Apicomplexa	SEQUENCE FROM N.A MEDLINE 88039002	Perler F.B Moon A.M Qiang B.Q Moda B.M Moda B.M	AAA29471 M19152		Malaria Antigen Repeat	131 296 13.5 X 12 AA TANDEM REPEATS OF E-E-T-Q-K- T-V-E-P-E-Q-T				1 1					A54527 A54527					
		update		Haemosporida Plasmodium		Dalton M Card C Schmidt- Ullrich R Wallach D Lynch J Donelson J. E																		
PRT STANDARD 11S	3_HELAN 493 01-NOV- 1990 01-NOV- 1990 30-MAY- 2000	V- 16 Last sequence update Y- 39 Last annotation (HELIANTHININ G3)	Helianthus annuus (Common sunflower)	Eukaryota 1 Viridiplantae Embryophyta Tracheophyta Spermatophyta Magnoliophyta eudicotyledons Asteridae		Vonder Haar R.A Allen R.D Cohen E.A Nessler C.L Thomas T.L	AAA33374 M28832	- IPR000459 1 Seedstore_1	11s PF00190 Seed storage protein Multigene family Signal	23 35 111 127 191 297		1 20 <u>21 305 ACIDIC CHAIN</u> 306 493 BASIC CHAIN	103 312 INTERCHAIN (ACIDIC-BASIC) (POTENTIAL)						JA0089 JA0089		1 11S_SEED_STORAGE PS00305	AG3 11SGLOBULIN PR00439		
PRT STANDARD 11S	B_CUCMA 480 01-JAN-	I-1990 13 Last sequence PRECURSOR		euasterids II Asterales Asteraceae Asteroideae Heliantheae Helianthus Eukaryota Viridiplantae Embryophyta Tresbescheta	SEQUENCE FROM N.A MEDLINE 88166744	Hayashi M	AAA33110 M36407	- IPR000459 1 Seedstore_1	.11s PF00190 Seed storage protein Signal			1 21 22 480 11S GLOBULIN E SUBUNIT 22 296 GAMMA CHAIN	BETA 124 303 INTERCHAIN (GAMMA-DELTA) (POTENTIAL)	22 22 PYRROLIDONE CARBOXYLIG	IC ACID 27 27 S -> E (IN REF. 2) 30 30 E -> S (IN REF. 2)				FWPU1B S00366		1 11S_SEED_STORAGE PS00305	11SGLOBULIN PR00439		
		V- 16 Last annotation update		Spermatophyta Spermatophyta Magnoliophyta eudicotyledons Rosidae eurosids I Cucurbitales Cucurbitaceae Cucurbitate	2 SEQUENCE OF 22-30 AND 297-302	Akazawa T Hara- Nishimura I Ohmiya M Hara I Mastubara H Plant Cell Physiol. 21:157-167(1980)						297 480 DELTA CHAIN (B	(BASIC)											
PRT STANDARD 120	01-APR- 01-FEB-	R-1990 14 Created 120 KDA SURFACE-EXPOSED PROTEIN PROTEIN Update 120 KDA SURFACE-EXPOSED PROTEIN PROTE	NUNCTISIA I IUNCIUSII		SEQUENCE FROM N.A MEDLINE 90136087	Gilmore R.D. Jr Joste N McDonald G. A	CAA34402 X16353		Antigen Glycoprotein S-layer							7 7 POTENTIAL 66 66 POTENTIAL 86 86 POTENTIAL 103 103 POTENTIAL 147 147 POTENTIAL 268 268 POTENTIAL 330 330 POTENTIAL 375 375 POTENTIAL			S07575 S07575			120		
																415 415 POTENTIAL 424 424 POTENTIAL 430 430 POTENTIAL 436 436 POTENTIAL 444 444 POTENTIAL 515 515 POTENTIAL 547 547 POTENTIAL 593 593 POTENTIAL 593 F93 POTENTIAL								
																698 698 POTENTIAL 710 710 POTENTIAL 799 799 POTENTIAL 800 800 POTENTIAL 826 826 POTENTIAL 844 844 POTENTIAL 846 861 POTENTIAL 879 879 POTENTIAL								
PRT STANDARD 128	1000	T- 27 Created GTP-BINDING PROTEIN 128UP	Drosophila melanogaster	Eukaryota 1	SEQUENCE FROM N.A MEDLINE 94166747	Sommer K.A. Mol. Gen. Genet. 242:391-398(1994)	CAA50701 X71866	- IPR000765 1 GTP1_OBG	PF01018							920 920 POTENTIAL 926 926 POTENTIAL 1116 1116 POTENTIAL 1128 1128 POTENTIAL 1140 1140 POTENTIAL 1140 1140 POTENTIAL 1141 1211 POTENTIAL	71 78 GTP (BY SIMILARITY)		\$33467 \$33467 \$42582 \$42582		1 GTP1_OBG PS00905	28UP GTP10BG PR00326	128up FBgn0010339	
	1993 01-0CT-		(Fruit fly)	Metazoa Arthropoda Tracheata Hexapoda Insecta Pterygota Neoptera Endopterygota		Petersen G Bautz E.K.F											117 121 GTP (BY SIMILARITY) 248 251 GTP (BY SIMILARITY)		S42582 S42582			TTP-BP		
PRT STANDARD 12A	H_CLOS4 29 01-AUG- 1991 01-AUG- 1991	G- 19 Last sequence (FRAGMENT)	Clostridium sp. (strain C 48-50)	Bacillus/Clostridium	SEQUENCE MEDLINE 91177018	Braun M			Oxidoreductase NADP					29 29					S14099 S14099					
PRT STANDARD 12k	1991 01-AUG- 1991 01-OCT- 1996 01-OCT- 1996 01-NOV-	Update	Fragaria ananassa	Viridiplantae Embryophyta Tracheophyta Spermatophyta	SEQUENCE FROM N.A STRAIN=CV. OZARK BEAUTY TISSUE=FLOWER MEDLINE 91329668	Reddy A.S.N Poovaiah B. W	CAA36676 X52429 AAA73872 L44142			43 57														
PRT STANDARD 12k	1997 CD_MYCSM 24 01-NOV-	Update V- 32 Created 12 KDA PROTEIN (FRAGMENT)		Magnoliophyta eudicotyledons Rosidae eurosids I Rosales Rosaceae Fragaria Bacteria 1 Firmicutes Actinobacteria	SEQUENCE	Pahl A Submitted (MAR-1995) to the SWISS-PROT data bank								24 24										
	01-NOV- 1995 01-NOV- 1995	update . V- 32 Last annotation		Actinobacteridae Actinomycetales Corynebacterineae Mycobacteriaceae			AAA32777 M37247 CAA32493 X14312	- IPR000459 1 Seedstore_1	.11s PF00190 Seed storage protein Multigene			1 24 POTENTIAL 25 282 ACIDIC CHAIN (I	BETA) (POTENTIAL)						S08509 S08509		1 115_SEED_STORAGE PS00305	RA1 11SGLOBULIN PR00439		
	15-DEC- 1998	Last annotation update		Spermatophyta 2 Magnoliophyta eudicotyledons Rosidae eurosids II Brassicales Brassicaceae	2 SEQUENCE OF 420- 472 FROM N.A	Meyerowitz E.M Raynal M Grellet F Laudie M Meyer Y Cooke R Delseny M Submitted (OCT-1992) to the EMBL/GenBank/DDBJ databases	CAA79005 Z17590		Multigene family Signal			283 472 BASIC CHAIN (B' SIMILARITY)	BY											
PRT STANDARD 12S	2_ARATH 455 01-APR- 01-APR- 15-DEC- 1998	R-1990 14 Created	ear cressy	Eukaryota 1 Viridiplantae Embryophyta Tracheophyta Spermatophyta Magnoliophyta eudicotyledons		Pruitt R.E Meyerowitz E.M Raynal M Grellet F Laudie M Laudie M Manual M Grellet F Laudie M Laudie M Grellet F Laudie M Grel	AAA32778 M37248 CAA32494 X14313 CAA79024 Z17654	- IPR000459 1 Seedstore_1	.11s PF00190 Seed storage protein Multigene family Signal			1 24 POTENTIAL 25 269 ACIDIC CHAIN (I SIMILARITY) 270 455 BASIC CHAIN (B' SIMILARITY)	(BY 106 276 INTERCHAIN (ALPHABETA) (POTENTIAL)						S08510 S08510		1 11S_SEED_STORAGE PS00305	RB 11SGLOBULIN PR00439		
PRT STANDARD 143	01-NOV- 1995 01-NOV- 1995	V- 32 Created 14-3-3 PROTEIN 1 (14-3-3-1) V- 32 Last sequence update V- 35 Last annotation update		Rosidae eurosids II Brassicales Brassicaceae Arabidopsis Eukaryota Entamoebidae Entamoeba		Meyer Y Cooke R Delseny M Samuelson J Shen P Meckler G Descoteaux Submitted (AUG-1994) to the EMBL/GenBank/DDBJ databases	AAA80185 U13418	- IPR000308 1 14-3-3	PF00244												1 1433_1 PS00796 1 1433_2 PS00797	1433ZETA PR00305		
PRT STANDARD 143	11_LYCES 249		Lycopersicon esculentum (Tomato)	Embryophyta Tracheophyta Spermatophyta	SEQUENCE FROM N.A STRAIN=CV. MONEYMAKER TISSUE=LEAF	S Fu H Lohia A Roberts M.R Bowles D.J Submitted (JAN-1997) to the EMBL/GenBank/DDBJ databases	CAA65145 X95900	- IPR000308 1 14-3-3	PF00244												1 1433_1 PS00796 1 1433_2 PS00797	FT1 1433ZETA PR00305		
PRT STANDARD 143	1_MAIZE 261 01-FEB-	14-3-3-LIKE PROTEIN GF14-6 1-1996 33 Last sequence		Magnoliophyta eudicotyledons Asteridae euasterids I Solanales Solanaceae Solanum Eukaryota Viridiplantae	SEQUENCE FROM N.A MEDLINE 95148741	de Vetten N. Plant Physiol. 106:1593-1604(1994)	AAB33304 S77133	- IPR000308 1 14-3-3	PF00244												1 1433_1 PS00796 1 1433_2 PS00797	RF1 1433ZETA PR00305	-	65832
	01-FEB- 01-FEB- 01-OCT- 1996			Embryopnyta Tracheophyta Spermatophyta Magnoliophyta Liliopsida Poales Poaceae	CECULENCE FOOM 1	Ferl R.J	AAC46983 U24281	- IPR000308 1 14-3-3	PERMAN									122 140 70 7 7 7 7	IMC					
PRI STANDARD 143	1_SCHMA	-1998 36 Created 14-3-3 PROTEIN HOMOLOG 1 14-3-9 PROTEIN HOMOLOG 1 14-3-9 PROTEIN HOMOLOG 1 14-3-3 PROTEIN HOMOLOG 1 14-3		Zea Eukaryota 1 Metazoa Platyhelminthes Neodermata Trematoda Digenea Strigeidida Schistosomatoidea Schistosomatidae		Schechtman D Mol. Biochem. Parasitol. 73:275-278(1995) Ram D Tarrab- Hazdai R Arnon R Schechter I	AAC46983 U24281	- IPKUUU308 1 14-3-3	PFUU244									133 149 TO THE C-TERMINUS OF ANNEXIN	CNI		1 1433_1 PS00796 1 1433_2 PS00797	1433ZETA PR00305		
PRT STANDARD 143		V- 32 Last sequence update V- 35 Last annotation update		Schistosomatidae Schistosoma Eukaryota Entamoebidae Entamoeba		Samuelson J Shen P Meckler G Descoteaux S Fu H Lohia A Submitted (AUG-1994) to the EMBL/GenBank/DDBJ databases		- IPR000308 1 14-3-3													1 1433_1 PS00796 1 1433_2 PS00797			
PRT STANDARD 143	22_LYCES	-1998 36 Created 14-3-3-LIKE PROTEIN 2 -1998 36 Last sequence update 14998 36 Last annotation update	Lycopersicon esculentum (Tomato)	Embryophyta Tracheophyta Spermatophyta Magnoliophyta eudicotyledons Asteridae	SEQUENCE FROM N.A STRAIN=CV. MONEYMAKER TISSUE=LEAF	Roberts M.R. Bowles D.J Submitted (JAN-1997) to the EMBL/GenBank/DDBJ databases	CAA65146 X95901	- IPR000308 1 14-3-3	PF00244												1 1433_1 PS00796 1 1433_2 PS00797	FT2 1433ZETA PR00305		
PRT STANDARD 143	22_MAIZE 261 01-JUL-1 01-FEB-	-1993 26 Created 14-3-3-LIKE PROTEIN GF14-12 14-1996 33 Last sequence update 14-1996 33 Last annotation update		euasterids I Solanales Solanaceae Solanum Eukaryota Viridiplantae Embryophyta Tracheophyta Spermatophyta Magneligenbyta		Ferl R.J de Vetten N. Plant Cell 4:1295-1307(1992)	- S77135 NOT_ANNOTATED_CDS AAA33505 M96856	- IPR000308 1 14-3-3	PF00244										JQ1680 JQ1680		1 1433_1 PS00796 1 1433_2 PS00797	RF2 1433ZETA PR00305		65832
PRT STANDARD 143	12_SCHMA 214 15-JUL-1 15-JUL-1 15-JUL-1		Schistosoma mansoni (Blood	Liliopsida Poales Poaceae		Lue K.W Thakur A Karim A.M Submitted (JUN-1996) to the EMBL/GenBank/DDBJ databases	AAB02100 L78441	- IPR000308 1 14-3-3	PF00244					1 1							1 1433_1 PS00796 1 1433_2 PS00797			
		update	Caenorhabditis elegans	Neodermata Trematoda Digenea Strigeidida Schistosomatoidea Schistosomatidae Schistosoma Eukaryota 1	SEQUENCE FROM N.A MEDLINE 95011616	Wang W Gene 147:215-218(1994)	AAA61872 U05038 CAA98138 Z73910	- IPR000308 1 14-3-3	PF00244						118 118 A -> V (IN REF.						1 1433_1 PS00796 1 1433_2 PS00797	TT-1 1433ZETA PR00305		M117
	3_CAEEL 248 P41932 01-NOV-1995 01-NOV-1995 15-DEC-1998			Metazoa Nematoda 2	2 SEQUENCE FROM N.A	Shakes D.C Submitted (MAY-1996) to the EMBL/GenBank/DDBJ databases	CAA98138 Z73910								2)							1117.2		WIII
	15-JUL-1	update update update update		Ascomycota Saccharomycetes Saccharomycetales anamorphic Saccharomycetales Candida	SEQUENCE FROM N.A	Cognetti D Sturtevant J Surrtevant J Supriled (DEC-1997) to the EMBL/GenBank/DDBJ databases	AAB96910 AF038154	- IPR000308 1 14-3-3	PF00244												1 1433_1 PS00796 1 1433_2 PS00797	MH1 1433ZETA PR00305 R BMH		
PRI STANDARD 143	33_CHLRE 259 01-OCT- 1996 01-OCT- 1996 01-OCT- 1996	T- 34 Last sequence update T- 34 Last annotation update	Chlamydomonas reinhardtii																					