actin	1111122 3454579901           1110011201	2222333444 5779188888           0121112012	11111 5567900122 1820207313 	1111111222 2234577011 6995755218 	222222222 2356677789 1652426677 	3333333333 0123333344 9740236869 	3344 6700 4489 
Histriculus_cavicola_CAA72778.1 Hypotrichida_sp_AA700921.1							
Oxytricha_nova_AAA2993.1 Oxytricha_trifallax_AAA8886.1 Oxytricha_trifallax_AAA8894.1							
Halteria_grandinella_AAF00923.1  Oxytricha_trifallax_AAG35198.1							
Urostyla_grandis_AAR09922.1 Chondrus_crispus_AAA18589.1 Coprinus_cinereus_BAA86222.1		+					
Suillus_bovinus_AAD38855.1 Suillus_bovinus_AAD38849.1	+ +	.+.++	+		++.		+.
Schizzophyllum_commune_AAD38204.1  Schizzophyllum_commune_AAD38204.1  Emericella_nidulans_AAA33290.1	+	++	+		+	+	
Penicillium_chrysogenum_AAF00007.1 Neurospora_crassa_AAC78496.1	- ++ - ++.	++				+	
Thermomyces_Jamuginous_CAA_0304.6.1  — Yarrowia_Jipojtyica_CAB6208.6.1  — Puccinia_graminis_CAA54848.1	- +			+			
Naegleria, fowkeri, AAB42183.1  Naegleria, gruberi, AAF37002.1  Cryptospordium, parvum, AAA42895.1	= :::::::::						
Plasmodium_falciparum_AAD55770.1  Plasmodium_falciparum_AAA29465.1							
Tetralymena_thermophila_AAA30109.1  — Tetralymena_pyriformis_CAA28824.1  — Candida_allicians_CAA34413.1	_ :						
Candida_dubliniensis_CAB53863.1  Pichia_pastoris_AAF27627.1	- :+.+						
Pichia, angusta, AAC34678.1 Schizosaccharromyces, pombe, BAA21389.1 Pneumocystis, cartnii, BAA22310.1	+.+  - +						
Drosophila_melanogaster_AAF46640.1  Bactrocera_dorsalis_AAA62341.1  Bactrocera_dorsalis_AAA62344.1	<del>*</del>					.+	
Bactrocera_dorsalis_AAA62343.1  Bactrocera_dorsalis_AAA62342.1							
Drosophila_melanogaster_AAA28320.1 Bombyx_mori_CAA2566.1.1 Bombyx_mori_CAA2568.1.1							
Drosophila_melanogaster_AAF51800.1  Drosophila_melanogaster_AAF55198.1						.+	
Helicoverpa_armigera_CAA66218.1  Bombyx_mori_CAA28192.1  Bombyx_mori_CAA2432.1			+				
Anopheles, gambiae, AAA56881.1  Droophila, melanogaster, AAF46098.1  — Icalamer, junctatus, AAF81097.1							
Fugu_rubripes_AAC59893.1	 			++.	+		
Gallus, gallus, CAA24753.1  Rattus, novegius, CAA24529.1  Mus, muscalus, AAA37141.1				++.			
Bos_taurus_AAA82873.1 ————————————————————————————————————				++.	+		
Xenopus, Jaevis, CAA28979.1	 	+		++.	+		
Gallus_gallus_CAAB12010.1 — Gallus_gallus_CAA26135.1 —	= :::::::::	+		.+++.	+		
Homo, sapiens, AAB59619.1 Fugu_nbripes, AAC59894.1 Fugu_nbripes, AAC59897.1		+		++.	+		
Gallus_gallus_CAA26486.1  Rhynchocypris_coxycephalus_AA63689.1  Rhodeus_notatus_AA617453.1				.+	+	+	
Hypophthalmichthys_molitrix_AAG17452.1  Ctenopharyngodon_idella_AAA49197.1				.+			
Cyprims, carpio, AAA68886.1 Gallus, gallus, CAA25004.1 Fugu_nubripes, AAC59891.1		+		.+	+	+	
Xenopus, Javis, AAA49638.1  Xenopus, Javis, AAA49638.1  Oryzias, Jaitjes, AAA49638.1	_ :::::::::						
Platichthys_flesus_AAF63665.1 Fugu_rubripes_AAC59889.1				.+	+		
Rivulus_marmoratus_AAF26678.1  Cricetulus_griseus_AAA64871.1  Rattus_norvegicus_CAA24528.1	 	+		.+	+		
Homo_sapiens_AAA51579.1  Misgumus_mizolepis_AC484576.1  Caenothabditis_cle_gam_CAB05817.1				.+	+	+	
Caenorhabditis_elegans_CAA34717.1 Caenorhabditis_elegans_CAA34718.1		+ .				+	
Caenorhabditis_elegams_CAB04675.1 ————————————————————————————————————				+	+	+	+
Wuchereria, bancrofti, AAF25819.1 Dictyostelium, discoideum, CAA27032.1 Dictyostelium, discoideum, CAA27034.1	= :::::::::						
Dictyostelium_discoideum_CAA27033.1  Dictyostelium_discoideum_CAA27031.1	 						
Pedecoryne, carmen, CAA48798.1  Candida, glabrata, AAC25760.1  Kluy veromyces, lactis, AAA33251.1	+			.+			
Saccharomyces_bayanus_BAA02097.1  Saccharomyces_cerevisiae_BAA21512.1							
Halocynthia_roretzi_BAA06100.1  Molgula, oculata_BAA11264.1				++.			
Moguda, oculata, BAAJ 2860.1 Halovynthia, rotestri, BAA08112.1 Lumbricus, terretiris, CAA65364.1		+	+ .	++.	+	.+	
Lumbricus_terrestris_CAA6365.1  Pisaster_ochraceus_AAA29788.1				.++.			
Pisaster_ochraces_AAA29787.1 Strongylocentrotus_franciscamas_CAA26877.1 Strongylocentrotus_purpuratus_AAA30030.1	 			.+++.			
F Strongylocentrotus_purpuratus_AAA30042.1 Strongylocentrotus_purpuratus_AAA30032.1 Heliocidaris_subreculats_AAA30043.1				.++.			
Heliocidaris_crythrogramma_AAA96348.1	= ::::::::						
Heliocidaris, Inberculata, AAA86534.1 Heliocidaris, erythrogramma, AAA86869.1 Taenis, solum, AAA30092.1	 			.++.			
Echinococcus_granulosus_AAC80573.1 Drosophila_melanogaster_AAF57954.1							
Echinococcus, granulosus, AAC80574.1  Arabidopsis, thaliana_AAF18605.1  Arabidopsis, thaliana_AAB63535.1		* *		+			÷
Arabidopsis, shaliana, BAB01806.1  Arabidopsis, shaliana, AAF69724.1  Solanum tuberosum CAA3928.1.1		* *		+			+
Glycine_max_CAA23728.1  Arabidopsis_thaliana_AAG51045.1		* *		+			+
Glycine, max, AA03572: 1 Glycine, max, AA3399.1 Gossypium, hinsutum, AAC31886.1	 	+		+			+
Nicotiana, Jahacum, CAA45149.1 — Solanum, Juberosum, CAA39280.1 — Solanum, Juberosum, CAA39278.1	_ :::::::::	* *		+			+
Solanum_tuberosum_CAA39282.1 ————————————————————————————————————		* *		+			+
Arabidopsis, Italiam, CAB88337.1 Arabidopsis, Italiam, CAB6232.1 Striga, asiatica, AAC4952.1		* *		+			+
Striga_ssiativa_AAC49651.1 Oryz_sativa_CAA33874.1 Avena meda_AAF4948.1		* *		***************************************			+
Mesostigma_viride_AAC16055.1  Volvox_carteri_AAA34243.1	 	* *		+	+	.+	
Chlamydomonas, reinhardhi, BAA09449, 1 Achhy, biscualis, CAA42559.1 Phytophthora, megasperma, CAA33907.1		+		.+.++			
Phytophthora_infestans_AAA33750.1 Phytophthora_infestans_AAA33749.1	= :						
Chlamydomonas_rcinhardtii_AAC49834.1 — Trypanosoma_brucei_AAA30151.1 Trypanosoma_brucei_AAA30152.1	+ 		++		+++		
Leishmania_major_CAC22667.1  Leishmania_major_AAA19789.1							
Texoplasma_gendii_AAC13766.1  Plasmodium_falciparum_AAA29467.1  Cyanidioschyxon_merola_BAA06866.1				+	.*		
Nannochloris, bacillaris, BAA2911.1  — Acauthamoeba, castellaris, CAA23399.1  — Physarum, polycepahatum, AAA29973.1	+ 	+	**			+	
Physarum_polycephalum_CAA30629.1  Trichomonas_vaginalis_AAC47679.1	= :::::::::						
Oxytricha_nova_AAA50195.1  Euplotes_crassus_AAA29122.1							