Nong. (1011-1911) - Johnson Language (1011-1911) - Johnson (1011-1	Avada U.TP31415 1 hypothetical protein T4U23 018908	MI TEROOT I SENCETT STREETED AND SELTED II	FOIRODVEDDVIVTVICDI	TANAMBEHETST VTVKTDDT	VDVSTNUHKDDHUVAT UNT UVDNU
Signature M. 2014 1997 1 Control Contr			DEQUAÇATEADVIIIILGDI.	LVAVNFFREISHIIVKIKDL	IKISIDVHKFFHVIALVDLVIKNV
Notes (1987)   Disposition Content   1992					
ANGEL DESIGNATION AND PROCESS					
Nogo, 1973-1984   Agroches food process, 1987-1986   Septions, 1977-1986   Agroches food process, 1987-1986   Septions, 1977-1986   Astroches food process, 1987-1986   Septions, 1977-1986   Astroches food process, 1987-1986   Septions, 1977-1987   Astroches food process, 1977-1986   Septions, 1977-1987					
Signamica, 20, 2014/08/81, Lyciacidationing, introduction Signamica, 20, 2014/08/81, Lyciacidationing, introduction Signamica, 20, 2017/18/1, Lyciacidationing, intro	Avaga.UJR23030.1_hypothetical_protein_I4U23_026056				
Reported (1998) 2, price production of control production of the p	Avaga.UJR25868.1_hypothetical_protein_I4U23_007218				
Lancis Law (2013) 113-123, Lay Continued Lay Street Continued Company of the Continued Continued Company of the Continued Continued Company of the Continued Cont	Egranulosus.XP_024349898.1_Calciumbinding_mitochon				
Register, B. 207018, J. 2010 Unit-biology in cohoodists.  Michael Str. 1997 1997 1997 2011 Unit-biology in cohoodists.  Michael Str. 1997 2012, J. 2011 Unit-biology in cohoodists.  Michael Str. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012 Unit-biology in cohoodists.  My Jacob L	Hsapiens.NP_775908.2_mitochondrial_carrier_protein				
Register, B. 207018, J. 2010 Unit-biology in cohoodists.  Michael Str. 1997 1997 1997 2011 Unit-biology in cohoodists.  Michael Str. 1997 2012, J. 2011 Unit-biology in cohoodists.  Michael Str. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2011 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012, J. 2012 Unit-biology in cohoodists.  My Jacob L. 1997 2012 Unit-biology in cohoodists.  My Jacob L	Lanatina.XP 013394192.1 calciumbinding mitochondri				
Bagelone D. 2011197 1. p. 2011107 1. p. 2011					
Engines (P. 2010) 1902. 2 activate including an included in the Contest Contes					
Data Longostari, 1944. John C., Anthonisticing, anticolous May Management (1994). A post of subminding and rection of subm					
Clinearin   L.   DOI   100					
Nessensita S. P. 2017 1779 J. J. zelicimbinding introduced in J. P. 2017 1779 J. J. zelicimbinding introduced in J. P. 2017 1779 2018 2017 2017 2017 2017 2017 2017 2017 2017					
Aption LOCIO 1997-07 Contention and introduction and interest and inte					
Backeter L. M. C. 1984 1989 - 201 Lumbording pit conceased as a second control of the control of					
Backeter L. D. 1944/1961 J. D. 1990/Back L. D. 1970/Back L. 1970/Back L. 1970 J. 1970	Aplanci.LOC110976327_calciumbinding_mitochondrial_				
Expansion   20.0413980.1.   Solite_carrier_feating.   10.0513993   20.0413980.1.   20.041398	Bbelcheri.LOC109482499_calciumbinding_mitochondria				
Expansion   20.0413980.1.   Solite_carrier_feating.   10.0513993   20.0413980.1.   20.041398					
None					
This is a post of Cock Cock Cock Cock Cock Cock Cock Cock					
Apinant J. 10071199419, antechnodrial, consuma.    Inception N., 2007119710   Linitechnodrial, consuma.   Inception N., 200711971   Linitechnodrial, consuma.   Inception N., 200711977   Interhedical, consuma.   Inception N., 20071197   Interhedical, consuma.   Interhedical N., 20071					
Wysesomania N. 201331916   Lait Conformatial Compress   Late					
Lantin N. 2. 01330564. Lanticobordinal _ concepts_A _ lantin   Lantin N. 2. 01330564. Lanticobordinal _ concepts_A _ lantin   Lantin N. 2. 01330562. Lantin   Lantin Lantin   Lantin N. 2. 01330562. Lantin   Lantin Lantin   Lantin N. 2. 01330562. Lantin   Lantin   Lantin Lantin   Lantin Lantin   Lantin Lantin   Lan					
Happinn N. P. 84821 2. plitchmidrial_comanyme_tr Citest into 15. plot 15. plot plot in common plot plot plot plot plot plot plot plot	Myessoensis.XP_021355166.1_mitochondrial_coenzyme_				
Biocines, 1.0013946917, prace, disease, partie, proteinant, protei	Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t				
Biocines, 1.0013946917, prace, disease, partie, proteinant, protei					
Apilanei: 1.0011097351.] grows_disease_partier_protein					
Citted in S. D. (1010) 1500 grave, disease, carrier, land in S. D. (1010) 1500 grave, disease, carrier, land in S. D. (1010) 1500 grave, disease, carrier, land grave, disease, carrier, plant grave, disease					
Lanck Inn. 20. 13414919. L. praves_disease_carrier_protects   Management   Manage					
Wyssonia, 7., 02133002, 1,grave, disease, Cartier, Port Septem, M. (1998). 1,grave, disease, Cartier, port S					
Belcher   JOCI0948   A22 grave, disease_carrier_prot					
Haspins. M. 2015. https://doi.org/10.1009/10.1	Myessoensis.XP_021350602.1_graves_disease_carrier_				
Avaga, USB11415.   hypothetical_protein_full_01896   contrappoor   Avaga, USB11415.   hypothetical_protein_full_01896   contrappoor   Avaga, USB11415.   hypothetical_protein_full_0200001 Avaga, USB12301.   hypothetical_protein_full_020001 Avaga, USB2300.   hypothetical_protein_full_020001 Avaga, USB2300.   hypothetical_protein_full_0200001 Avaga, USB2300.   hypothetical_protein_full_02000001 Avaga, USB2300.   hypothetical_protein_full_02000001 Avaga, USB2300.   hypothetical_protein_full_020000001 Avaga, USB2300.   hypothetical_protein_full_020000000000000000000000000000000000	Bbelcheri.LOC109481428_graves_disease_carrier_prot				
Avaga, USB11415.   hypothetical_protein_full_01896   contrappoor   Avaga, USB11415.   hypothetical_protein_full_01896   contrappoor   Avaga, USB11415.   hypothetical_protein_full_0200001 Avaga, USB12301.   hypothetical_protein_full_020001 Avaga, USB2300.   hypothetical_protein_full_020001 Avaga, USB2300.   hypothetical_protein_full_0200001 Avaga, USB2300.   hypothetical_protein_full_02000001 Avaga, USB2300.   hypothetical_protein_full_02000001 Avaga, USB2300.   hypothetical_protein_full_020000001 Avaga, USB2300.   hypothetical_protein_full_020000000000000000000000000000000000	Hsapiens.NP_689920.1_graves_disease_carrier_protei				
Avaga. (1931-1915.   hypothetical_protein_indign_introhom  Avaga. (1921-1905.   hypothetical_protein_indign_introhom  Avaga. (1921-1905.   hypothetical_protein_indign_introhom  Avaga. (1921-1905.   hypothetical_protein_indign_introhom  Avaga. (1921-1906.   hypothetical_protein_indign_introhom  Avaga. (1921-1906.   hypothetical_protein_indign_introhom  Avaga. (1921-1906.   hypothetical_protein_indign_introhom  Inancian_sr. (1913-1906 localciumbinding_sitochomdri  Inancian_sr. (1913-1906 localciumb			40â	60â	80â
Bigranulous W. 204138981.   Calciumbinding_mitochon granulous W. 204138981.   Calciumbinding_mitochon Araga, URBASAS   Lypethetical_protein_tdu3_02695 Araga, URBASAS   Lypethetical_protein_tdu3_02695 Araga, URBASAS   Lypethetical_protein_tdu3_02695 Araga, URBASAS   Lypethetical_protein_tdu3_02695 Araga, URBASAS   Lypethetical_protein_tdu3_02718 Egranulous W. 204134998   Locicumbinding_mitochon Haspiens N. 20713718   Locicumbinding_mitochond Haspiens N. 20713718   Locicumbinding_mitochondi Haspiens N. 20713718   Locicumbinding_mitochondia Haspiens N. 207138071   Locicumbinding_mitochondia Haspien	Avada U.TR31415 1 hypothetical protein TAU22 010000				
Egrannious. M. P. 20149889 I. Lealciumbinding_mitochon Avaga, DNR1849 I. Psychothical_protein_Idu32_00071 Avaga, DNR2868 I. Psychothical_protein_Idu32_00071 Avaga, DNR2868 I. Psychothical_protein_Idu32_00071 Bagainous. M. P. 20149898 I. Lealciumbinding_mitochon Haspiens. M. P. 20149898 I. Lealciumbinding_mitochon Haspiens. M. P. 20149898 I. Lealciumbinding_mitochondus Haspiens. M. P. 20131997 I. Lealcium-binding_mitochondus Haspiens. M. P. 20131997 I. Lealcium-binding_mitochondus Haspiens. M. P. 20137998 I. Lealciumbinding_mitochondus Haspiens. M. P. 201379998 I. Lealciumbinding_mitochondus Haspiens. M. P. 20137999 I. Lealciumbinding_mitochondus Haspiens. M. P. 201379999 I. Lealciumbinding_mitochondus Haspiens. M. P. 20137999 I. Lealciumbinding_mit			888 ()		
Avaga, UNIJASOT, Lypychetical_protein_t023_000471 Avaga, UNIJASOT, Lypychetical_protein_t023_000471 Avaga, UNIJASOT, Lypychetical_protein_t023_00045 Egranulowa XC 201549891. Calciumbinding_mitochondri Hamatina XC 2013994192. Lealciumbinding_mitochondri Hamatina XC 2013994192. Lealciumbinding_mitochondrial Hamatina XC 2013994193. Lealciumbinding_mitochondrial Hamatina XC 20139941941941. Lealciumbinding_mitochondrial Hamatin					
Avaga, Charges At Lypethetical_protein_t423_20056 Avaga, Charges At Lypethetical_protein_t423_200218 Happines_NP_799002_micchoodrial_correction_tall_correctio					
Avaga, UN23596 1, hypochetical_protein_tival_protein Happiens No. 75988 2, introductival_course_protein Happiens No. 75988 2, introductival_course_protein_tival_c					
Egranulous M. 20.2439898.1_calciumbinding_strochon Happiens.W. 77930.2_mtochondrial_carrier_protein Happiens.W. 77930.2_mtochondrial_carrier_protein Happiens.W. 77930.2_calcium-binding_strochondrial Happiens.W. 77930.2_calcium-binding_strochondrial Happiens.W. 77900.2_calcium-binding_strochondrial Happiens.W. 77900.2_calcium-binding_strochondri	Avaga.UJR23030.1_hypothetical_protein_I4U23_026056				
Haspiens, NP, 77590.2mitochondrial_carrier_protein Lanatins. NP, 01331931.2calcium-binding_mitochondri Haspiens. NP, 01331931.2calcium-binding_mitochondrial Haspiens. NP, 01331931.2calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial. Dmelanogater. DCCAMC_sphosphoconsyme	Avaga.UJR25868.1_hypothetical_protein_I4U23_007218				
Haspiens, NP, 77590.2mitochondrial_carrier_protein Lanatins. NP, 01331931.2calcium-binding_mitochondri Haspiens. NP, 01331931.2calcium-binding_mitochondrial Haspiens. NP, 01331931.2calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Dmelanogater. SCAMC_short_Calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial Bmelcheri. LOC10946399calcium-binding_mitochondrial. Dmelanogater. DCCAMC_sphosphoconsyme	Egranulosus.XP 024349898.1 Calciumbinding mitochon				
Lanatina, W. D. 1394192, L. calciumbinding, mitochondrial Mappiens, W. D. 20137031, L. calcium-binding, mitochondrial Mappiens, W. D. 20137031, L. calcium-binding, mitochondrial Mappiens, W. D. 20137031, L. calcium-binding, mitochondrial Mappiens, W. D. 20137031, L. calciumbinding, mitochond Cintest inalis, ICCU1018688 uncharacterised, protein May					
Haspiens. W. 20131913.1 d. calcium-binding. pitochondrial Haspiens. W. 201008.2 c. calcium-binding. pitochondrial Haspiens. W. 20108.2 c. calcium-binding. pitochondrial Cintest insls. 1. CCC0108668   months activated protein Wysesoensis. W. 20131973.1 c. calciumbinding. pitochondrial Hobiotheri. LOCI0986797. calciumbinding. pitochondrial Hobiotheri. LOCI0986787. calciumbinding. pitochondrial Hobiotheri. LOCI0981828. praves. disease. carrier. protein Hobiotheri. LOCI0981829. calciumbinding. pitochondrial Hobiotheri. LOCI0981829. calciumbinding. pitochondrial Hobiotheri. LOCI0981829.					
Haspiens NP_001317917.   calcium-binding_mitochondri   Immelanopater_SCAMC_short_Calcium-binding_mitochondrial   Immelanopater_SCAMC_short_Calcium-binding_mitochondrial   Immelanopater_SCAMC_short_Calcium-binding_mitochondrial   Aplanci. LOC110976327_calcium-binding_mitochondrial   Belcheri. LOC110976327_calcium-binding_mitochondrial   Belcheri. LOC110976327_calcium-binding_mitochondrial   Belcheri. LOC110946796_solute_carrier_family_25_me   Belcheri. LOC110946796_solute_carrier_family_25_me   Belcheri. LOC10946796_solute_carrier_family_25_me   Belcheri. LOC10946796_solute_carrier_family_25_me   Belcheri. LOC10946796_solute_carrier_family_25_me   Belcheri. LOC10946796_solute_carrier_family_25_me   Belcheri. LOC10946796_solute_carrier_family_26_min_graph_grap					
Haspiens, NP_077008.2_calcium-binding_mitochondrial Demainagoster.5_CSAM_short_Calciumbinding_mitochond Cintest_nails_DC10018688_uncharacterized_protein Aplanci_L0010197337_calciumbinding_mitochondrial Demainagoster_DC107337_calciumbinding_mitochondrial Demainagoster_DC107337_calciumbinding_mitochondrial Demainagoster_DC107337_calciumbinding_mitochondrial Demainagoster_DC107337_calciumbinding_mitochondrial Demainagoster_DC107337_calciumbinding_mitochondrial Demainagoster_DC107337_calciumbinding_mitochondrial_Contype_ Aplanci_L00110984196_mitochondrial_contype_A_tran Mysaconsis_NC2013351661_injtochondrial_contype_A_tran Haspiens_NC2013351661_injtochondrial_contype_A_tran Mysaconsis_NC2013351661_injtochondrial_contype_A_tran Haspiens_NC2013351661_injtochondrial_contype_A_tran Haspiens_NC20133516161_injtochondrial_contype_A_tran					
Dealengaster. SCAMC_Bhort_Calciumbinding_mitochond (intestinalis_10.10010186688_uncharacterized_protein Myessoemis_NE_021377731calciumbinding_mitochon  Myessoemis_NE_021377731calciumbinding_mitochon  Beacheri_L0010946797_solute_carrier_family_2_sme Beacheri_L0010946797_solute_carrier_family_2_sme Beacheri_L0010946797_solute_carrier_family_2_sme Beacheri_L0010946797_solute_carrier_family_2_sme Beacheri_L0010946797_solute_carrier_family_2_sme Beacheri_L0010946797_solute_carrier_family_2_sme Beacheri_L0010946797_solute_carrier_family_2_sme Myessoemis_NE_02135561_mitochondrial_commyme_Atra Beacheri_L0010946797_mitochondrial_commyme_Atra Beacheri_L0010946797_mitochondrial_commyme_Atra Beacheri_L0010973331_graves_dissase_carrier_protein L0010973331_graves_dissase_carrier_protein L00109733197373_l0010973319731_l00109733197331_l00109733197331_l0010973319731_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l00109733197331_l001097331100109733197331_l00109733110010973311001097331100109733110010973311001097331100109733					
Cintest inalis. LOC100196688 uncharacterized_protein Myseasonsis. KP. 021317293.   Localciumbinding_mitochondrial Aplanci. LOC11078327_calciumbinding_mitochondrial Benchmeri. LOC10984299_calciumbinding_mitochondrial Beramulosus. XP. 024393985.0.   Solute_carrier_family_2 Avaga. UNR3705.1.   Luppetherical_protein_Inf203_02699  Dmelanopaster. DPCOAC_dephosphocosnryme_A_carrier_i Aplanci. LOC10984156_ill_mitochondrial_coensyme A_tran Myseasonsis. XP. 021395156.1. mitochondrial_coensyme Myseasonsis. XP. 021395156.1. mitochondrial_coensyme Myseasonsis. XP. 021395156.1. mitochondrial_coensyme Maspiens. Ungetherical_protein_Inf203_02699  Dmelanopaster. DPCOAC_dephosphocosnryme_A_tran Myseasonsis. XP. 021395197. mitochondrial_coensyme_A_tran Myseasonsis. XP. 021395197. mitochondrial_coensyme_A_tran Mbelcheri. LOC109860973.mitochondrial_coensyme_A_tran Mbelcheri. LOC109860973.mitochondrial_coensyme_A_tran Mbelcheri. LOC109860973.mitochondrial_coensyme_A_tran Mbelcheri. LOC109860973.mitochondrial_coensyme_A_tran Mbelcheri. LOC109860988.0. mitochondrial_coensyme_A_tran Mbelcheri. LOC109860989.0. mitochondrial_coensyme_A_tran Mbelcheri. LOC109861288.grave_disease_carrier_prote  Mbelcheri. LOC109861288.grave_disease_carrier_prote  Mbelcheri. LOC109861288.grave_disease_carrier_prote  Mbelcheri. LOC109861288.grave_disease_carrier_prote  Mbelcheri. LOC109861288.grave_disease_carrier_prote  Mbelcheri. LOC109861289.grave_disease_carrier_prote  Mbelcheri. LOC109861289.grave_disease_carrier_prote  Mayas_UNR3610.1. hypothetical_protein_idu2_026968  Avaga_UNR3610.1. hypothetical_protein_idu2_002696  Avaga_UNR3610.1. hypothetical_pro					
Myesonsis XF, 021317793.1_calciumbinding_mitochondrial_ Belcheri.LOC10982392_calciumbinding_mitochondrial_ Belcheri.LOC10982392_calciumbinding_mitochondrial_ Belcheri.LOC10987597_solumbinding_mitochondrial_ Belcheri.LOC10987597_solumbinding_mitochondrial_ Belcheri.LOC10987597_solumbinding_mitochondrial_ Belcheri.LOC10984196_mitochondrial_coenzyme_A_tran_ Myesonsis XF, 0213515161_mitochondrial_coenzyme_A_tran_ Myesonsis XF, 0213515161_mitochondrial_coenzyme_A_tran_ Hamatina XF_013385641_mitochondrial_coenzyme_A_tran_ Hamatina XF_013385641_mitochondrial_coenzyme_A_tran_ Hamatina XF_013385641_mitochondrial_coenzyme_A_tran_ Myesonsis XF, 0213516621_grave_disease_carrier_proteic_ Cintestinalis_10.1001093030_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983243_grave_disease_carrier_proteic_ Belcheri_LOC10983243_grave_disease_carrier_proteic_ Belcheri_LOC10983235_grave_disease_carrier_proteic_ Belcheri_LOC10983235_grave_	Dmelanogaster.SCaMC_short_Calciumbinding_mitochond				
Myesonsis XF, 021317793.1_calciumbinding_mitochondrial_ Belcheri.LOC10982392_calciumbinding_mitochondrial_ Belcheri.LOC10982392_calciumbinding_mitochondrial_ Belcheri.LOC10987597_solumbinding_mitochondrial_ Belcheri.LOC10987597_solumbinding_mitochondrial_ Belcheri.LOC10987597_solumbinding_mitochondrial_ Belcheri.LOC10984196_mitochondrial_coenzyme_A_tran_ Myesonsis XF, 0213515161_mitochondrial_coenzyme_A_tran_ Myesonsis XF, 0213515161_mitochondrial_coenzyme_A_tran_ Hamatina XF_013385641_mitochondrial_coenzyme_A_tran_ Hamatina XF_013385641_mitochondrial_coenzyme_A_tran_ Hamatina XF_013385641_mitochondrial_coenzyme_A_tran_ Myesonsis XF, 0213516621_grave_disease_carrier_proteic_ Cintestinalis_10.1001093030_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Lonatinal_XF_013414919_t_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831428_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC109831439_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983143_grave_disease_carrier_proteic_ Belcheri_LOC10983243_grave_disease_carrier_proteic_ Belcheri_LOC10983243_grave_disease_carrier_proteic_ Belcheri_LOC10983235_grave_disease_carrier_proteic_ Belcheri_LOC10983235_grave_	Cintestinalis.LOC100186688_uncharacterized_protein				
Aplanci, LOC110976337_calciumbinding_mitochondrial Belcheri, LOC10482489_calciumbinding_mitochondria Belcheri, LOC10482489_calciumbinding_mitochondria Belcheri, LOC10482489_calciumbinding_mitochondria Belcheri, LOC104824338501, Solute_carrier_family_25_me Arganionus_WF_024338501, Solute_carrier_family_25_me Arganionus_WF_024338501, Solute_carrier_family_25_me Arganionus_WF_024338501, Solute_carrier_family_25_me Arganionus_WF_024338501, Solute_carrier_family_25_me Alpanci_LOC10943195_mitochondrial_coensyme_A_tran Myessoenis_WF_021351661_mitochondrial_coensyme_A_tran Belcheri, LOC10486373_mitochondrial_coensyme_A_tran Belcheri, LOC10486373_mitochondrial_coensyme_A_tran Belcheri, LOC10486373_mitochondrial_coensyme_A_tran Belcheri, LOC10483128_grave_disease_carrier_protei Lintertinal_toC110973531_grave_disease_carrier_protei Lintertinal_toC110973531_grave_disease_carrier_protei Haspiens_WF_68920.1_grave_disease_carrier_protei Haspiens_WF_68920.1_grave_disease_carrier_protein Haspiens_W					
Belcheri, LOCIO9467987, solitue parieting, anticohondria Belcheri, LOCIO9467967, solitue, carrier, family_2, me Byranulosus, XP, 024335880.1, Solute_carrier, family_2, me Agas, UNRASTO, l. hypothet ical_protein_14072, 02499  Aplanci, LOCIO946196, mitochondrial_coenzyme_A_tran Mysscosnis, XP, 021351661, mitochondrial_coenzyme_A_tran Haglens, NP, 486821.2, mitochondrial_coenzyme_A_tran Haglens, NP, 486821.2, mitochondrial_coenzyme_A_tran Haglens, NP, 486821.2, mitochondrial_coenzyme_A_tran Haglens, NP, 486821.2, mitochondrial_coenzyme_A_tran Haglens, NP, 486921.2, mitochondrial_coenzyme_A_tran Haglens, NP, 486920.1, graves_disease_carrier_prot Helcheri, LOCIO946128, graves_disease_carrier_prot Helcheri, LOCIO946128, graves_disease_carrier_prot Helpiens, NP, 486920.1, graves_disease_car					
Belcheri. LOCIO9467967_solute_carrier_family_25_me Sgranulosus_XD_024538801_St_Solute_carrier_family_24_ Avaga_UNIX55750.l_hypothetical_protein_f4023_028899  Belainoquater_DECOAC_dephosphocoensyme_A_cran Belainoquater_DECOAC_decoac_decoac_carrier_proteid Contestinalis_DECO10098502_graves_disease_carrier_proteid Basiens_NP_68920.l_graves_disease_carrier_proteid Basiens_NP_68920.l_					
Egranulosus XP, 024353850.1 Solute_carrier_family_2 Awaga.UNR3570.1 hypothetical_protein_it/023_028499  mmelanogaster.DECOAC_dephosphocoensyme_A_carrier_i Aplanci.LOCIO1984196_mitochondrial_coensyme_A_tran Myessonesis XP, 021353166.1_mitochondrial_coensyme_A_tran Hyessonesis XP, 021353166.1_mitochondrial_coensyme_A_tran Hyessonesis XP, 021353166.1_mitochondrial_coensyme_A_tran Hyperion_coensyme_A_tran Hyberticoensyme_A_tran Hybertic					
Avaga. UNR35750. L hypothetical_protein_I4U23_028499 Impleanogaster_DFCAGC_dephosphocoenzyme_A_crarer_i Aplanci. LOC110984198_mitochondrial_coenzyme_A_tran Myessoansis_XC_0213581654.i_mitochondrial_coenzyme_A_tran Haspiens. NR_0213581654.i_mitochondrial_coenzyme_A_tran Haspiens. NR_031386584.i_mitochondrial_coenzyme_A_tran Haspiens. NR_031386593.m_mitochondrial_coenzyme_A_tran Haspiens. NR_031380593.m_mitochondrial_coenzyme_A_tran Haspiens. NR_031414919.l_graves_disease_carrier_prot Haspiens. NR_08920.l_graves_disease_carrier_prot Haspiens. NR_08930.l_graves_disease_carrier_prot Haspiens. NR_092356062.l_calciumbinding_mitochon Avaga. UNR31495.l_hypothetical_protein_14023_019908 Spramilosus_XR_024348897.l_calciumbinding_mitochon Avaga. UNR31495.l_hypothetical_protein_14023_02056 Avaga. UNR31495.l_hypothetical_protein_i4023_02056 Avaga. UNR31495.l_hypothetical_protein_i4023_020566 Avaga. UNR31495.l_hypothetical_protein_i4023_020566 Avaga. UNR31495.l_hypothetical_protein_i402					
Dmelanogaster.DFCOAC_dephosphoconzyme_A_carrier_i Applanci.LOCIID984196_mitochnodrial_coenzyme_A_tran Myessoensis.XP_021355166.l_mitochnodrial_coenzyme_A_tran Hyessoensis.XP_021355166.l_mitochnodrial_coenzyme_A_tran Haspiens.NP_08022_mitochnodrial_coenzyme_A_tran Haspiens.NP_08022_mitochnodrial_coenzyme_A_tran Haspiens.NP_08022_mitochnodrial_coenzyme_A_tran Haspiens.NP_08022_mitochnodrial_coenzyme_A_tran Haspiens.NP_0802_mitochnodrial_coenzyme_A_tran Hyessoensis.XP_0802_mitochnodrial_coenzyme_A_tran Hyessoensis.XP_0802_mitochn					
Aplanci, LOC110984196_mitochondrial_coenzyme_A_tran Myessoensin_XP_0.2135166.1_mitochondrial_coenzyme_A_t Lanatina_XP_0.2135166.1_mitochondrial_coenzyme_A_tran Mbelcheri_LOC109468737_mitochondrial_coenzyme_A_tran Mbelcheri_LOC109468737_mitochondrial_coenzyme_A_tran Mbelcheri_LOC109468737_mitochondrial_coenzyme_A_tran Myesoensin_XP_0.2135062.1_graves_disease_carrier_protei Lanatina_XP_0.13416919.1_graves_disease_carrier_prot Myesoensin_XP_0.2135062.1_graves_disease_carrier_prot Mbelcheri_LOC109481428_graves_disease_carrier_prot Mbelcheri_LOC109481428_graves_disease_carrier_prot Mbelcheri_LOC109481428_graves_disease_carrier_prot Mbelcheri_LOC109481428_graves_disease_carrier_prot Mbelcheri_LOC109481428_graves_disease_carrier_prot Mbelcheri_LOC109481428_graves_disease_carrier_prot Mappien_NP_0.21350621_Calciumbinding_mitochon Avags_UNB3457_Llypothetical_protein_i4023_018908_SEGENPHIFYYLFDYLESEVANMICLHTKHDYRYLLINSTITVQNSSTGNSLDEVTHAMGILHTDREQBSMFRILSGILTGNLEFSTDDEGFTRGIF Byranulosus_XP_0.24348897_LCalciumbinding_mitochon Avags_UNB3457_Llypothetical_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_i4023_000076 Mappien_NP_0.79508_z_mitochondrial_protein_pr	Avaga.UJR35750.1_hypothetical_protein_I4U23_028499				
Wyessonia; NP, 0213385616.i_mitochondrial_coenzyme_A_t Haspiens, NP, 848621.2_mitochondrial_coenzyme_A_tran belcheri.LOC109486373_nitochondrial_coenzyme_A_tran belcheri.LOC109486373_nitochondrial_coenzyme_A_tran Aplanci.LOC110973331_graves_disease_carrier_protei cintestinalis_LOC101048000_graves_disease_carrier_protei cintestinalis_LOC101048000_graves_disease_carrier_protei cintestinalis_LOC101048000_graves_disease_carrier_protei Lanatina,XP_013130621_graves_disease_carrier_protei Helcheri.LOC10104128_graves_disease_carrier_protei Helcheri.LOC10104128_graves_disease_carrier_protein Lanatina,XP_013394191_1_calciumbinding_mitochondrial Haspiens.NP_77908.2_mitochondrial_carrier_protein Lanatina,XP_013394191_1_calciumbinding_mitochondrial Haspiens.NP_77908.2_calcium-binding_mitochondrial Haspiens.NP_07708.2_calcium-binding_mitochondrial Helcheri.LOC10946397_calcium-binding_mitochondrial Helcheri.LOC10946397_calcium	Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i				
Wyessonia; NP, 0213385616.i_mitochondrial_coenzyme_A_t Haspiens, NP, 848621.2_mitochondrial_coenzyme_A_tran belcheri.LOC109486373_nitochondrial_coenzyme_A_tran belcheri.LOC109486373_nitochondrial_coenzyme_A_tran Aplanci.LOC110973331_graves_disease_carrier_protei cintestinalis_LOC101048000_graves_disease_carrier_protei cintestinalis_LOC101048000_graves_disease_carrier_protei cintestinalis_LOC101048000_graves_disease_carrier_protei Lanatina,XP_013130621_graves_disease_carrier_protei Helcheri.LOC10104128_graves_disease_carrier_protei Helcheri.LOC10104128_graves_disease_carrier_protein Lanatina,XP_013394191_1_calciumbinding_mitochondrial Haspiens.NP_77908.2_mitochondrial_carrier_protein Lanatina,XP_013394191_1_calciumbinding_mitochondrial Haspiens.NP_77908.2_calcium-binding_mitochondrial Haspiens.NP_07708.2_calcium-binding_mitochondrial Helcheri.LOC10946397_calcium-binding_mitochondrial Helcheri.LOC10946397_calcium	Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran				
Lanatina. XP_013386564.l_mitochondrial_coenzyme_A_tran Hapiens.NR_948621.2_mitochondrial_coenzyme_A_tran Hapiens.NR_948621.2_mitochondrial_coenzyme_A_tran Hapiens.NR_9503750.l_mysws_disease_carrier_protei cintestinalis.LOC101080500_graves_disease_carrier_pro Myssaoensia.XP_021395002.l_graves_disease_carrier_pro Hyssaoensia.XP_021395002.l_graves_disease_carrier_protei Hapiens.NR_68920.l_graves_disease_carrier_protei Hapiens.NR_68920.l_graves_disease_carrier_protei Hapiens.NR_68920.l_graves_disease_carrier_protei Hapiens.NR_68920.l_graves_disease_carrier_protei Hapiens.NR_68920.l_graves_disease_carrier_protei Hapiens.NR_68920.l_graves_disease_carrier_protei Hapiens.NR_68920.l_graves_disease_carrier_protein Hapiens.NR_68920.l_graves_disease_carrier_protein Hapiens.NR_902448881.l_calciumbinding_mitochond Hapiens.NR_902448881.l_calciumbinding_mitochond Hapiens.NR_902448881.c_lalciumbinding_mitochond Hapiens.NR_902449881.c_lalciumbinding_mitochond Hapiens.NR_9039518.3_calcium-binding_mitochondrial Hapiens.NR_9039518.3_calcium-binding_mitochondrial Hapiens.NR_903139192.l_calciumbinding_mitochondrial Hapiens.NR_903139192.l_calciumbinding_mitochondrial Hapiens.NR_903139192.l_calciumbinding_mitochondrial Hapiens.NR_903139192.l_calciumbinding_mitochondrial Hapiens.NR_903139192.l_calciumbinding_mitochondrial Hapiens.NR_903139192.l_calciumbinding_mitochondrial Hapiens.NR_903139192.l_calciumbinding_mitochondrial Hapiens.NR_9031391937.l_calciumbinding_mitochondrial Hapiens.NR_9031391937.l_calciumbinding_mitochondrial Hapiens.NR_9031391937.l_calciumbinding_mitochondrial Hapiens.NR_903139636.l_mitochondrial_carrier_protein Lanatina.XR_903139638.l_mitochondrial_carrier_protein Hypersonenia.NR_9031396393.l_mitochondrial_carrier_family_2 Avaga_UN33596.l_myspothetical_protein_1402_302899 Hypersonenia.NR_90336686.l_mitochondrial_coenzyme_L Hanatina.XR_90336686.l_mitochondrial_coenzyme_L Hanatina.XR_90336686.l_mitochondrial_coenzyme_L Hanatina.XR_90336686.l_mitochondrial_coenzyme_L Hanatina.XR_90336686.l_mitochondrial_coenzyme_L Hana					
Hapiens NP_848621.2_mitochondrial_coenzyme_A_tra helbecheri.ioC010946873_mitochondrial_coenzyme_A_tr haplanci.ioC110973531_graves_disease_carrier_protei					
Bhelchefi LOC109468737_mitochondrial_coenzyme_A_tr Aplanci LOC101875510_graves_disease_carrier_protei Cintestinalis_LOC100180500_graves_disease_carrier_pro Myeasoensis_RP_021350602.l_graves_disease_carrier_pro Myeasoensis_RP_021350602.l_graves_disease_carrier_protei Haspiens_NP_03149191.l_graves_disease_carrier_protei Haspiens_NP_089920.l_graves_disease_carrier_protei Haspiens_NP_089920.l_graves_disease_carrier_protei Haspiens_NP_089920.l_graves_disease_carrier_protei Haspiens_NP_089920.l_graves_disease_carrier_protei Haspiens_NP_0899384.l_Calciumbinding_mitochon Egranulosus_RP_024358894.l_Calciumbinding_mitochon Egranulosus_RP_02436897.l_Calciumbinding_mitochon Egranulosus_RP_02436897.l_Calciumbinding_mitochon Haspiens_NP_03908.l_Uppothetical_protein_i4023_00565 Nvags_UNE25868.l_Uppothetical_protein_i4023_007218 Egranulosus_RP_02436898.l_Calciumbinding_mitochondrial Haspiens_NP_03998.l_calciumbinding_mitochondrial Haspiens_NP_03998.l_calciumbinding_mitochondrial Haspiens_NP_033918.l_calciumbinding_mitochondrial Haspiens_NP_03139119.l_calciumbinding_mitochondrial Haspiens_NP_03139119.l_calciumbinding_mitochondrial Haspiens_NP_03139113_calciumbinding_mitochondrial Haspiens_NP_037188.l_calciumbinding_mitochondrial Haspiens_NP_037188.l_calciumbinding_mitochondrial Haspiens_NP_037180.l_calciumbinding_mitochondrial Haspiens_NP_037180.l_calciumbinding_mitochondrial Haspiens_NP_037180.l_calciumbinding_mitochondrial Haspiens_NP_037180.l_calciumbinding_mitochondrial Haspiens_NP_037180.l_calciumbinding_mitochondrial Haspiens_NP_037180.l_calciumbinding_mitochondrial Haspiens_NP_037181.s_calciumbinding_mitochondrial Haspiens_NP_0371818.l_calciumbinding_mitochondrial Haspiens_NP_0371818.l_calciumbinding_mitochondrial Haspiens_NP_0371818.l_calciumbinding_mitochondrial Haspiens_NP_0371818.l_calciumbinding_mitochondrial Haspiens_NP_037187831.l_calciumbinding_mitochondrial Haspiens_NP_037187831.l_calciumbinding_mitochondrial Haspiens_NP_037187831.l_calciumbinding_mitochondrial Haspiens_NP_037187831.l_calciumbinding_mitochondria					
Aplanci. Locil0973531_graves_disease_carrier_protei Cintestinains_toCol0180500_graves_disease_carrier_protei Lanatina_XP_01341491_lgraves_disease_carrier_protei Bbelcheri. Locil09481428_graves_disease_carrier_protei Bbelcheri. Locil09481428_graves_disease_carrier_protei Baspiens.NP_69920.lgraves_disease_carrier_protei 1000 120â 140â 160â 180â Avaga_UUR31415.l_hypothetical_protein_i4U23_018908_SPGERNFHIFYYLFPYLFPSEVENMLCLHTKHDYRYLLINSTITYQNSSTGNSLDEVINAMGLINFTDEGGHSPHTLISGILTVGNLEFSTDDEGGFTRQIF Egranulosus_XP_024348881.l_Calciumbinding_mitochon Avaga_UUR31451.l_hypothetical_protein_i4U23_018908_FGFERNFHIFYYLFPYLFPSEVENMLCLHTKHDYRYLLINSTITYQNSSTGNSLDEVINAMGLINFTDEGGHSPHTLISGILTVGNLEFSTDDEGGFTRQIF Egranulosus_XP_024348881.l_Calciumbinding_mitochon Avaga_UUR31451.l_hypothetical_protein_i4U23_00471 Avaga_UUR31451.l_hypothetical_protein_i4U23_00471 Avaga_UUR31451.l_hypothetical_protein_i4U23_00566 Avaga_UUR31451.l_hypothetical_protein_i4U23_00718 Egranulosus_XP_024349881_L_Calciumbinding_mitochon Haspiens_NP_031818_l_calciumbinding_mitochondrial Haspiens_NP_031818_l_calciumbinding_mitochondrial Haspiens_NP_031818_l_calciumbinding_mitochondrial Haspiens_NP_031818_l_calciumbinding_mitochondrial Haspiens_NP_031818_l_calciumbinding_mitochondrial Haspiens_NP_031818_l_calciumbinding_mitochondrial Haspiens_NP_031818_l_calciumbinding_mitochondrial Belcheri. Locil0948249_calciumbinding_mitochondrial Belcheri. Locil0948249_calciumbinding_mitochondrial Belcheri. Locil0948249_calciumbinding_mitochondrial Belcheri. Locil094829_calciumbinding_mitochondrial Belcheri. Locil094829_ca					
Cintestinalis. LOCIO180500_graves_disease_carrier_ Lanatina.XP_021336062.l_graves_disease_carrier_prot  Myessoensis.XP_021350602.l_graves_disease_carrier_prot  Haspiens.NP_689920.l_graves_disease_carrier_prot  Haspiens.NP_689920.l_graves_disease_carrier_prote  1000 1200 1200 1400 1600 1800 1800 1800 1800 1800 1800 18					
Lanatina XP_013414919.1 graves_disease_carrier_pro Myessoensis.XP_021350602.1 graves_disease_carrier_prot  1002 1203 1403 1603 1803  Avaga.UJR31415.1 hypothetical_protein_14U23_018908 SGERNPHIFYYLFDYLPSEVKNMLCLHTKHDXYXLLTNSTTYVONSSTGNILDEVTNAMGLLNFTDKEGHSMFRILSGILTVGNLEFSTDDEGFTRGIF Egranulosus.XP_02434887.1 Calciumbinding_mitochon Avaga.UJR31457.1 hypothetical_protein_14U23_000471  Avaga.UJR3303.0 1. hypothetical_protein_14U23_000471  Avaga.UJR3303.0 1. hypothetical_protein_14U23_000471  Avaga.UJR3303.0 1. hypothetical_protein_14U23_007218  Egranulosus.XP_024348898.1 Calciumbinding_mitochon Haspiens.MP_07508.2 mitochondrial_carrier_protein Lanatina.XP_0134193.1 calciumbinding_mitochon Haspiens.MP_037518.3 calcium-binding_mitochondri Haspiens.MP_037518.3 calcium-binding_mitochondri Haspiens.MP_071008.2 calcium-binding_mitochondri Haspiens.MP_071008.3 calcium-binding_mitochondri Haspiens.MP_071008.3 calcium-binding_mitochondri Haspiens.MP_071008.3 calcium-binding_mitochondri Haspiens.MP_071008.5 calcium-binding_mitochondrial_mitoc					
Myessoensis.NF_021330602.i_graves_disease_carrier_ Beblecheri.LoC109481428_graves_disease_carrier_prot  Haapiens.NF_689920.l_graves_disease_carrier_protei  1008 1208 1408 1408 1608 1608 1808  Avaga UUR31415.l_hypothetical_protein_I4U23_018908 SPGENNFHIFYYLFDYLPSEVKNMLCLHTKHDYRTLLTNSTTYVONSTGNSLDEVTNAMGLINFTDKEQHSMFRILSGILTVGNLEFSTDDEGFTRQIF Egranulosus.NF_0243348887.l_Calciumbinding_mitochon Fgranulosus.NF_024348887.l_Calciumbinding_mitochon Fgranulosus.NF_024348887.l_Calciumbinding_mitochon Avaga.UUR32030.l_hypothetical_protein_I4U23_026056  Avaga.UUR326868.l_hypothetical_protein_I4U23_027218 Egranulosus.NF_024349898.l_Calciumbinding_mitochondrial Haapiens.NF_013394192.l_calciumbinding_mitochondrial Haapiens.NF_013394192.l_calciumbinding_mitochondrial Haapiens.NF_00757818.2_calcium-binding_mitochondrial Haapiens.NF_077008.2_calcium-binding_mitochondrial Haapiens.NF_077008.2_calcium-binding_mitochondrial Dmelanogaster.ScaNC_short_Calciumbinding_mitochondrial Dmelanogaster.ScaNC_short_Calciumbinding_mitochondrial Dmelanogaster.ScaNC_short_Calciumbinding_mitochondrial Belcheri.LoC1009482499_calciumbinding_mitochondrial Belcheri.LoC109482499_calciumbinding_mitochondrial Belcheri.LoC109482575.l_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LoC1010964156_mitochondrial_coenzyme_A_tran Myessoensis.NF_021355166.l_mitochondrial_coenzyme_A_tran Hyessoensis.NF_02135500000_graves_disease_carrier_protein Myessoensis.NF_02135000000_graves_disease_carrier_protein Dmelanogaster.LoC100948197_initochondrial_coenzyme_A_tran Dmelanogaster.DFCoAC_dephosphocoenzyme_A_tran Dmelanog	Cintestinalis.LOC100180500_graves_disease_carrier_				
Myessoensis.NF_021330602.i_graves_disease_carrier_ Beblecheri.LoC109481428_graves_disease_carrier_prot  Haapiens.NF_689920.l_graves_disease_carrier_protei  1008 1208 1408 1408 1608 1608 1808  Avaga UUR31415.l_hypothetical_protein_I4U23_018908 SPGENNFHIFYYLFDYLPSEVKNMLCLHTKHDYRTLLTNSTTYVONSTGNSLDEVTNAMGLINFTDKEQHSMFRILSGILTVGNLEFSTDDEGFTRQIF Egranulosus.NF_0243348887.l_Calciumbinding_mitochon Fgranulosus.NF_024348887.l_Calciumbinding_mitochon Fgranulosus.NF_024348887.l_Calciumbinding_mitochon Avaga.UUR32030.l_hypothetical_protein_I4U23_026056  Avaga.UUR326868.l_hypothetical_protein_I4U23_027218 Egranulosus.NF_024349898.l_Calciumbinding_mitochondrial Haapiens.NF_013394192.l_calciumbinding_mitochondrial Haapiens.NF_013394192.l_calciumbinding_mitochondrial Haapiens.NF_00757818.2_calcium-binding_mitochondrial Haapiens.NF_077008.2_calcium-binding_mitochondrial Haapiens.NF_077008.2_calcium-binding_mitochondrial Dmelanogaster.ScaNC_short_Calciumbinding_mitochondrial Dmelanogaster.ScaNC_short_Calciumbinding_mitochondrial Dmelanogaster.ScaNC_short_Calciumbinding_mitochondrial Belcheri.LoC1009482499_calciumbinding_mitochondrial Belcheri.LoC109482499_calciumbinding_mitochondrial Belcheri.LoC109482575.l_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LoC1010964156_mitochondrial_coenzyme_A_tran Myessoensis.NF_021355166.l_mitochondrial_coenzyme_A_tran Hyessoensis.NF_02135500000_graves_disease_carrier_protein Myessoensis.NF_02135000000_graves_disease_carrier_protein Dmelanogaster.LoC100948197_initochondrial_coenzyme_A_tran Dmelanogaster.DFCoAC_dephosphocoenzyme_A_tran Dmelanog	Lanatina.XP_013414919.1_graves_disease_carrier_pro				
Bebcheri, LOC109481428_graves_disease_carrier_prot Haspiens.NP_689920.1_graves_disease_carrier_protei 1008 1208 1208 1608 1608 1608 1608 1808 Avaga.UJR31415.1_hypothetical_protein_I4U23_018908_SPGENFHIFYYLFDYLPSEVKNMLCLHTKHDYRYLLINSTTYVQNSSTGNSLDEVTNAMGLINFTDKEQHSMFRILSGILTVGNLEFSTDDEGFTRQIF Egranulosus_XP_024348887_1_Calciumbinding_mitochon Avaga.UJR33457.1_hypothetical_protein_I4U23_000471 Avaga.UJR3303.1_hypothetical_protein_I4U23_000718 Egranulosus_XP_024348889.1_Calciumbinding_mitochon Haspiens.NP_07508.2_mitochondrial_carrier_protein Lanatina_XP_07508.2_mitochondrial_carrier_protein Haspiens_NP_07508.2_mitochondrial_carrier_protein Haspiens_NP_07508.2_calcium-binding_mitochondri Haspiens_NP_07508.2_calcium-binding_mitochondrial Haspiens_NP_07508.2_calcium-binding_mitochondrial Haspiens_NP_07508.2_calcium-binding_mitochondrial Haspiens_NP_07508.2_calcium-binding_mitochondrial Haspiens_NP_07508.2_calcium-binding_mitochondrial Haspiens_NP_07508.2_calcium-binding_mitochondrial Haspiens_NP_07508.2_calcium-binding_mitochondrial Bealanogaster_SCAMC_Schot_Calciumbinding_mitochondrial Bealanogaste	Myessoensis.XP_021350602.1_graves_disease_carrier_				
Haspiens.NP_689920.1_graves_disease_carrier_protei 1008 1208 1408 1608 1808 Avaga.UUR31415.1_hypothetical_protein_14U23_018908 SPGENNRHIFYYLFDYLPSEVKNMLCLHTKHDYRYLLINSTTYYQNSSTGNSLDEVTNAMGLLNFTDKEGHSMFRILSGILTVGNLEFSTDDEGFTRQIF Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UUR318457.1_hypothetical_protein_14U23_000471 Avaga.UUR32303.0.1_hypothetical_protein_14U23_0026956 Avaga.UUR23988.1_hypothetical_protein_14U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Haspiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_035918.3_calcium-binding_mitochondrial Haspiens.NP_037518.3_calcium-binding_mitochondrial Haspiens.NP_075908.2_calcium-binding_mitochondrial Haspiens.NP_075908.2_calcium-binding_mitochondrial Haspiens.NP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.2_calcium-binding_mitochondrial Haspiens.XP_075908.3_calcium-binding_mitochondrial Haspiens.XP_075908.3_calcium-binding_Haspiens.XP_075908.3_calcium-binding_Haspiens.XP_075908.3_calcium-binding_Haspiens.XP_075908.3_calcium-binding_Haspiens.XP_075908.3_calcium-binding_Haspiens.XP_075908.3_calcium-binding_Haspiens.XP					
100â 120â 1808 160â 1808 Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 SPGENFFHIFYYLFPYLFSEVKNMLCLHTKHDYRYLINSTITVQNNSTGNSIDEVYNAMGLINTDKEGHSMFRILSGILTVCNLEFSTDDEGFTRQIF Egranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR3457.1_hypothetical_protein_I4U23_000471 Avaga.UJR23030.1_hypothetical_protein_I4U23_000471 Avaga.UJR23088.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_02434898.1_calciumbinding_mitochon Haspiens.NP_075908.2_mitochondrial_carrier_protein_I4U23_007218 Haspiens.NP_033518.3_calcium-binding_mitochondrial Haspiens.NP_037518.3_calcium-binding_mitochondrial Haspiens.NP_037518.3_calcium-binding_mitochondrial Haspiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.ScaMc_short_calciumbinding_mitochondrial Dmelanogaster.ScaMc_short_calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized protein Myessoensis.XP_021372793.1_calciumbinding_mitochond Aplanci.LOC110976327_calciumbinding_mitochondrial Bbelcheri.LOC109462499_calciumbinding_mitochondrial Bbelcheri.LOC109462499_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_mitochondrial Bbelcheri.LOC109462490_calciumbinding_carrier_i Aplanci.LOC1109462490_calciumbinding_carrier_i Aplanci.LOC1109462490_calciumbinding_carrier_i Aplanci.LOC1109462490_calciumbinding_carrier_i Aplanci.LOC109462490_calciumbinding_carrier_i Aplanci.LOC109462490_calciumbinding_carrier_protein_carrier_i Bbelcheri.LOC109462490_calciumbinding_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_protein_carrier_prot					
Avaga. UNB31415. 1. hypothetical protein_I4U23_018908 SGERRFHIFYMFDYLPSEVENMICLHTKHDYRYLLINSTITYQNSSTGNSLDEVINAMGLINFIDEGHSMFRILSGILIVGNLEFSTDDEGFTRQIF Egranulosus XP_024348887.1. Calciumbinding_mitochon Avaga. UNB1457. 1. hypothetical protein_I4U23_000471 Avaga. UNR23080. 1. hypothetical protein_I4U23_026056 Avaga. UNR23688.1. hypothetical protein_I4U23_026056 Avaga. UNR23688.1. hypothetical protein_I4U23_026056 Avaga. UNR23688.1. hypothetical protein_I4U23_026056 Avaga. UNR23688.2. mitochondrial_carrier_protein Lanatina. KP_0735918.2. mitochondrial_carrier_protein Lanatina. KP_0335918.3. calcium-binding_mitochondrial Hsapiens. NP_0335918.3. calcium-binding_mitochondrial Hsapiens. NP_07008.2. calcium-binding_mitochondrial Dmelanogaster. ScaMc_short_Calciumbinding_mitochondrial Dmelanogaster. ScaMc_shor			1403	1608	1009
Egranulosus XP_024353854.1_Calciumbinding_mitochon Avaga.UUR13457.1_hypothetical_protein_I4U23_000471 Avaga.UUR23030.1_hypothetical_protein_I4U23_000471 Avaga.UUR23030.1_hypothetical_protein_I4U23_007218 Egranulosus XP_024349898.1_Calciumbinding_mitochon Haspiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Haspiens.NP_037518.3_calcium-binding_mitochondri Haspiens.NP_037518.3_calcium-binding_mitochondri Haspiens.NP_037518.3_calcium-binding_mitochondri Haspiens.NP_070708.2_calcium-binding_mitochondri Haspiens.NP_070708.2_calcium-binding_mitochondri Homelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.CoC100186688_uncharacterized_protein Myessoensis XP_021372793.1_calciumbinding_mitochondrial Dmelanogaster.Calciumbinding_mitochondrial Bbelcheri.LOC109482499_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_2_5_me Egranulosus.XP_024353850.1_Solute_carrier_family_2_5_me Egranulosus.XP_024353850.1_Solute_carrier_family_2_5_me Egranulosus.XP_024353850.1_Solute_carrier_family_2_4_ Avaga.UUR35780.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_tran Myessoensis.XP_0213666.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_02137293_inchondrial_coenzyme_A_tran Myessoensis.XP_02137293_inchondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109487428_graves_disease_carrier_protein_carrier_family_a_family_f					
Egranulosus XP_024348887.1_Calciumbinding_mitochon Avaga_UUR23030.1_hypothetical_protein_14023_006076 Avaga_UUR23030.1_hypothetical_protein_14023_026056 Avaga_UUR23080.1_hypothetical_protein_14023_026056 Avaga_UUR23080.1_hypothetical_protein_index_mitochon Haspiens.NP_024349893.1_Calciumbinding_mitochond Haspiens.NP_078908.2_mitochondrial_carrier_protein Lanatina_XP_013394192.1_calcium-binding_mitochondrial Haspiens.NP_00137917.1_calcium-binding_mitochondrial Haspiens.NP_00137917.1_calcium-binding_mitochondrial Haspiens.NP_00137917.1_calcium-binding_mitochondrial Dmelanogaster.SCAMC_Short_Calciumbinding_mitochondrial Homelanogaster.SCAMC_Short_Calciumbinding_mitochondrial Dmelanogaster.SCAMC_Short_Calciumbinding_mitochondrial Shelcheri_LOC109482499_calciumbinding_mitochondrial Bbelcheri_LOC109469767_solute_carrier_family_2 5_me Egranulosus_XP_024353850.1_Solute_carrier_family_2 2_me Egranulosus_XP_024353850.1_Solute_carrier_family_2 Avaga_UUR35350.1_hypothetical_protein_14023_024899 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci_LOC109464873_mitochondrial_coenzyme_A_tran Myessoensis_XP_02135166.1_mitochondrial_coenzyme_A_tran Hypessoensis_XP_02135166.1_mitochondrial_coenzyme_A_tran Bbelcheri_LOC10946873_mitochondrial_coenzyme_A_tran Bbelcheri_LOC10946873_mitochondrial_coenzyme_A_tran Bbelcheri_LOC1097351_graves_disease_carrier_protei Cintestinalis_LOC10918000_graves_disease_carrier_protei Debelcheri_LOC109481428_graves_disease_carrier_protei Debelcheri_LOC109481428_graves_disease_carrier_protei Bbelcheri_LOC109481428_graves_disease_carrier_protei Bbelcheri_LOC109481428_graves_disease_carrier_protei Bbelcheri_LOC109481428_graves_disease_carrier_protei Bbelcheri_LOC109481428_graves_disease_carrier_protei Bbelcheri_LOC109481428_graves_disease_carrier_protei			TIMOTIT A ČNOST GNOT DEA.	imariguline iuneyhsme'ri.	POOT DIA A GIAPER SIDDEGLIKÖIL.
Avaga.UJR13457.l.hypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_007218  Egranulosus.KP_024349898.l_Calciumbinding_mitochond Haspiens.NP_0775908.2_mitochondrial_carrier_protein_Habapiens.NP_037518.3_calcium-binding_mitochondri Haspiens.NP_037518.3_calcium-binding_mitochondri Haspiens.NP_037518.3_calcium-binding_mitochondri Haspiens.NP_037518.3_calcium-binding_mitochondri Haspiens.NP_0707008.2_calcium-binding_mitochondri Happiens.NP_07108.2_calcium-binding_mitochondri Happiens.NP_07108.2_calcium-binding_mitochondri Happiens.NP_07108.2_calcium-binding_mitochondri Happiens.NP_07108.2_calcium-binding_mitochondri Happiens.NP_07108.2_calcium-binding_mitochondri Delanogaster.SCaNC_short_Calcium-binding_mitochond Cintestinalis.LoC100186688_uncharacterized_protein Myessoensis.NP_02137793.l_calcium-binding_mitochondrial_Belcheri.LoC10946499_calcium-bindind_mitochondrial_Belcheri.LoC10946499_calcium-bindind_mitochondrial_Belcheri.LoC109467967_solute_carrier_family_25_me Egranulosus.NP_024353850.l_Solute_carrier_family_20_me Langians.NP_024353850.l_Solute_carrier_family_20_me Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LoC11094196_mitochondrial_coenzyme_A_tran Myessoensis.NP_021355166.l_mitochondrial_coenzyme_A_tran Haspiens.NP_848621.2_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948737_mitochondrial_coenzyme_A_tran Belcheri.LoC10948748_grave_disease_carrier_protei  Cintestinalis.LoC3335662.l_grave_disease_carrier_protei Belcheri.LoC109481428_grave_disease_carrier_protei					
Avaga. UJR23030.1 hypothetical_protein_14U23_007218  Egranulosus.XF_024349898.1_Calciumbinding_mitochon Haspiens.NF_7508.2 mitochondrial_carrier_protein Lanatina.XF_01339492.1_calciumbinding_mitochondri Haspiens.NF_0737818.3 calcium-binding_mitochondri Haspiens.NF_00317917.1_calcium-binding_mitochondri Haspiens.NF_001317917.1_calcium-binding_mitochondri Haspiens.NF_001317917.1_calcium-binding_mitochondrial Dmelanogaster.SCAMC_Short_Calcium-binding_mitochondrial Dmelanogaster.SCAMC_Short_Calciumbinding_mitochond Cintestinalis.LoC100186688_uncharacterized_protein Myessoensis.XF_021372793.1_calciumbinding_mitochondrial Dbelcheri.LoC10946376_solute_carrier_family_25_me Egranulosus.XF_024353850.1_Solute_carrier_family_25_me Egranulosus.XF_024353850.1_Solute_carrier_family_25_me Egranulosus.XF_024353850.1_Solute_carrier_family_25_me Dmelanogaster.DFCAMC_dephosphocoenzyme_A_carrier_i Aplanci.LoC1019464196_mitochondrial_coenzyme_A_tran Myessoensis.XF_021355166.1_mitochondrial_coenzyme_A_tran Bbelcheri.LoC10946737_mitochondrial_coenzyme_A_tran Bbelcheri.LoC10197631g_raves_disease_carrier_brotei Cintestinalis.LoC101935002.1_graves_disease_carrier_brotei Cintestinalis.LoC101936196_graves_disease_carrier_belocheri.LoC109461428_graves_disease_carrier_protei Dbelcheri.LoC109461428_graves_disease_carrier_protei					
Avaga. UJR25668.1 hypothetical_protein_I4U23_007218 Egranulosus. XP_02434989.8.1_Calciumbinding_mitochon					
Avaga. UJR25668.1 hypothetical_protein_I4U23_007218 Egranulosus. XP_02434989.8.1_Calciumbinding_mitochon	Avaga.UJR23030.1_hypothetical_protein_I4U23_026056				
Egranulosus. XP_024349898.1_calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_001319711.1_calcium_binding_mitochondri Hsapiens.NP_001319711.1_calcium_binding_mitochondri Hsapiens.NP_001319711.1_calcium_binding_mitochondri Hsapiens.NP_001319711.1_calcium_binding_mitochondri Hsapiens.NP_001319711.1_calcium_binding_mitochondri Untestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrial Belcheri.LOC109482499_calciumbinding_mitochondrial Belcheri.LOC109482499_calciumbinding_mitochondria Belcheri.LOC109482499_calciumbinding_mitochondria Belcheri.LOC109482490_calciumbinding_mitochondrial Belcheri.LOC10948253850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_22 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPcOAC_dephosphocenzyme_A_carrier_i Aplanci.LOC1109484196_mitochondrial_coenzyme_A_tran Myessoensis.XP_0213551661mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Belcheri.LOC1094868737_mitochondrial_coenzyme_A_tran Belcheri.LOC1094868737_mitochondrial_coenzyme_A_tran Belcheri.LOC109486791_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC109481428_graves_disease_carrier_protei Belcheri.LOC109481428_graves_disease_carrier_protei	Avaga.UJR25868.1_hypothetical_protein_I4U23_007218				
Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_077018.2_calcium-binding_mitochondrial Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis_LoC101086688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochond Aplanci.LoC110976327_calciumbinding_mitochondrial Bbelcheri.LoC10946299_calciumbinding_mitochondrial Bbelcheri.LoC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_2 2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LoC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Bbelcheri.LoC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LoC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LoC1010935002_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_protei Bbelcheri.LoC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Lanatina. XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_0701317917.1_calcium-binding_mitochondrial Hsapiens.NP_07008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochond Aplanci.LOC110976327_calciumbinding_mitochondrial Bbelcheri.LOC109482499_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_2 Awaga.UUR35750.1_hypothetical_protein_14023_028499 Dmelanogaster.DPCoAC_dephosphocenzyme_A_carrier_i Aplanci.LOC110948196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094637_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094037_mitochondrial_coenzyme_A_tran Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094037_mitochondrial_coenzyme_A_tran Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094037_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094037_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094037_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094037_mitochondrial_coenzyme_A_tran Bbelcheri.ROC1094037_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094037_mitochondrial_coenzyme_A_tran Bbelcheri.ROC1094037_mitochondrial_coenzyme_A_tran Bbelcheri.ROC10940307_mitochondrial_coenzyme_A_tran Bbelcheri.ROC10940307_mitochondrial_coe					
Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_0701317917.1_calcium-binding_mitochondr Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.LOC101086688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochond Aplanci.LOC110976327_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_27_me Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_031355166.1_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1093531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC100481428_graves_disease_carrier_protei Bbelcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Hsapiens.NP_001317917.1_calcium-binding_mitochondr Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochon Aplanci.LOC110976327_calciumbinding_mitochondrial_ Bbelcheri.LOC109462499_calciumbinding_mitochondrial_ Bbelcheri.LOC10946767_solute_carrier_family_25_me  Egranulosus.XP_024353850.1_Solute_carrier_family_25_me  Egranulosus.XP_024353850.1_Solute_carrier_family_28_me  Egranulosus.XP_02435750.1_hypothetical_protein_14023_028499 Dmelanogaster.DPCoAC_dephosphocenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946873_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946873_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946873_mitochondrial_coenzyme_A_tran Cintestinalis.LOC10094873_mitochondrial_coenzyme_A_tran Delcheri.LOC10940870_graves_disease_carrier_protei Cintestinalis.LOC1009481428_graves_disease_carrier_protei Delcheri.LOC109481428_graves_disease_carrier_protei Delcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_68920.1_graves_disease_carrier_protei					
Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochond Aplanci.LOC110976327_calciumbinding_mitochondrial_ Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_2 Avaga.UUR35750.1_hypothetical_protein_14023_028499 Dmelanogaster.DPCoAC_dephosphocenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_03386546.1_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1094637_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109637_mitochondrial_coenzyme_A_tran Belcheri.LOC1097637_mitochondrial_coenzyme_A_tran Comparison of the					
Dmelanogaster.SCAMC_short_Calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.l_calciumbinding_mitochond Aplanci.LOC110976327_calciumbinding_mitochondrial_ Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_24_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.l_mitochondrial_coenzyme_L Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946873_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946873_mitochondrial_coenzyme_A_tr Aplanci.LOC11093531_graves_disease_carrier_protei Cintestinalis.LOC10013531_graves_disease_carrier_beloc1001860500_graves_disease_carrier_beloc100186182_graves_disease_carrier_protei Hsapiens.NP_689920.l_graves_disease_carrier_protei					
Cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochon Aplanci.LOC110976327_calciumbinding_mitochondrial					
Myessoensis, XP, 201372793.1_calciumbinding_mitochon Aplanci,LOC110976327_calciumbinding_mitochondrial	Dmelanogaster.SCaMC_short_Calciumbinding_mitochond				
Myessoensis, XP, 201372793.1_calciumbinding_mitochon Aplanci,LOC110976327_calciumbinding_mitochondrial	Cintestinalis.LOC100186688_uncharacterized_protein				
Aplanci. LOC110976327_calciumbinding_mitochondrial_ Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109467967_solute_carrier_family_25_me  Egranulosus.XP_024353850.1_Solute_carrier_family_2	Myessoensis.XP 021372793.1 calciumbinding mitochon				
Bbelcheri, LOC109482499_calciumbinding_mitochondria Bbelcheri, LOC109467967_solute_carrier_family_25_me  Egranulosus.XP_024353850.1_Solute_carrier_family_2 Awaga.UUR35750.1_hypothetical_protein_14023_028499  Bmelanogaster.DPCoAC_dephosphocenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946837_mitochondrial_coenzyme_A_tran Belcheri.LOC10946837_mitochondrial_coenzyme_A_tran Cintestinalis.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Myessoensis.XP_021350602.1_graves_disease_carrier_protei Bbelcheri.LOC109481428_graves_disease_carrier_protei					
Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Avaga.UUR35750.1_hypothetical_protein_intU23_028499  Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_ Lanatina.XP_013386584.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC10073531_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_protei Myessoensis.XP_021350602.1_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Egranulosus XP_024353850.1_Solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499  Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LoC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Belcheri.LoC10946873_mitochondrial_coenzyme_A_tran Belcheri.LoC10946873_mitochondrial_coenzyme_A_tr Aplanci.LoC110973531_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_protei Myessoensis.XP_021350602.1_graves_disease_carrier_ Belcheri.LoC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Avaga_UUR35750.1_hypothetical_protein_14U23_028499  melanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i  Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran  Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t  Haapiens.NP_848621.2_mitochondrial_coenzyme_A_t  Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran  Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran  Ebelcheri.LOC10973531_graves_disease_carrier_protei  Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_protei  Myessoensis.XP_021350602.1_graves_disease_carrier_prot  Hsapiens.NP_689920.1_graves_disease_carrier_protei	DDETCHELL LOCIUS40/90/_SOLUTE_Carrier_tamily_25_me				
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran  Myessoensis.XP_021355166.1_mitochondrial_coenzyme_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran  Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran  Bbelcheri.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_ Bbelcheri.LOC109481428_graves_disease_carrier_prot  Hsapiens.NP_689920.1_graves_disease_carrier_protei	Egranulosus.XP_024353850.1_Solute_carrier_family_2				
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran  Myessoensis.XP_021355166.1_mitochondrial_coenzyme_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran  Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran  Bbelcheri.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_ Bbelcheri.LOC109481428_graves_disease_carrier_prot  Hsapiens.NP_689920.1_graves_disease_carrier_protei	Avaga.UJR35750.1_hypothetical_protein_I4U23_028499				
Aplanci. LOC110984196_mitochondrial_coenzyme_A_tran  Myessoensis.XP_021355166.1_mitochondrial_coenzyme_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t  Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran  Belcheri.LOC109468737_mitochondrial_coenzyme_A_tra  Aplanci.LOC10973531_graves_disease_carrier_protei  Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_ Belcheri.LOC109481428_graves_disease_carrier_protei  Hsapiens.NP_689920.1_graves_disease_carrier_protei	Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i				
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t					
Lanatina.XP_01336564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Belcheri.LoC109468737_mitochondrial_coenzyme_A_tr  Aplanci.LoC110973531_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_ Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran  Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr  Aplanci.LOC110973531_graves_disease_carrier_protei  Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.KP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_ Bbelcheri.LOC109481428_graves_disease_carrier_prot  Hsapiens.NP_689920.1_graves_disease_carrier_prot					
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr Aplanci.LOC110973531_graves_disease_carrier_protei  Cintestinalis.LOC11080500_graves_disease_carrier_  Lanatina.XP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_  Bbelcheri.LOC109481428_graves_disease_carrier_prot  Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Aplanci. LOC110973531_graves_disease_carrier_protei  Cintestinalis.LOC100180500_graves_disease_carrier_  Lanatina. XP_013414919.1_graves_disease_carrier_pro  Myessoensis. XP_021350602.1_graves_disease_carrier_  Bbelcheri.LOC109481428_graves_disease_carrier_prot  Hsapiens. NP_68920.1_graves_disease_carrier_protei					
Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_  Bbelcheri.LOC109481428_graves_disease_carrier_prot  Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Lanatina.XP_013414919.1_graves_disease_carrier_pro  Myessoensis.XP_021350602.1_graves_disease_carrier_  Bbelcheri.Dc019481428_graves_disease_carrier_prot  Hsapiens.NP_689920.1_graves_disease_carrier_protei					
Myessoensis, XP_021350602.1_graves_disease_carrier_ Bbelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens, NP_689920.1_graves_disease_carrier_protei					
Myessoensis, XP_021350602.1_graves_disease_carrier_ Bbelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens, NP_689920.1_graves_disease_carrier_protei	Lanatina.XP_013414919.1_graves_disease_carrier_pro				
Bbelcheri.LOC109481428_graves_disease_carrier_prot					
Hsapiens.NP_689920.1_graves_disease_carrier_protei					
2004 2204 2404 2004 2004			240â	260â	2808
	20	2200			

Egranulosus.XP_024353854.1_Calciumbinding_mitochon		SLQSSQDARDALSKHLYARLFSWLIGKINETLNNPYPSQHFFQIAEIGLLDIYGFEH
Egranulosus.XP 024348887.1 Calciumbinding mitochon		
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471		
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056		
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218		
Egranulosus.XP_024349898.1_Calciumbinding_mitochon		
Hsapiens.NP_775908.2_mitochondrial_carrier_protein		
Lanatina.XP_013394192.1_calciumbinding_mitochondri		
Hsapiens.NP_037518.3_calcium-binding_mitochondrial		
Hsapiens.NP_001317917.1_calcium-binding_mitochondr		
Hsapiens.NP_077008.2_calcium-binding_mitochondrial		
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond		
Cintestinalis.LOC100186688_uncharacterized_protein		
Myessoensis.XP_021372793.1_calciumbinding_mitochon		
Aplanci.LOC110976327_calciumbinding_mitochondrial_		
Bbelcheri.LOC109482499_calciumbinding_mitochondria		
Bbelcheri.LOC109467967_solute_carrier_family_25_me		
Egranulosus.XP_024353850.1_Solute_carrier_family_2		
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499		
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i		
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran		
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t		
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran		
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr		
Aplanci.LOC110973531_graves_disease_carrier_protei		
Cintestinalis.LOC100180500_graves_disease_carrier_		
Lanatina.XP_013414919.1_graves_disease_carrier_pro		
Myessoensis.XP_021350602.1_graves_disease_carrier_		
Bbelcheri.LOC109481428_graves_disease_carrier_prot		
<pre>Hsapiens.NP_689920.1_graves_disease_carrier_protei</pre>		
300		360â 380â
Avaga.UJR31415.1_hypothetical_protein_I4U23_018908	FELNSFEQLCINLANEQIQFFFNQHIFRMEMMEYESEGIIAQT	CLSFTDNHSLLELFMAKPLGILSLLDDESRLPKASDQTFVEKLNYHFGSNKHECYLIN
Egranulosus.XP_024353854.1_Calciumbinding_mitochon		
Egranulosus.XP_024348887.1_Calciumbinding_mitochon		
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471		
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056		
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218		
Egranulosus.XP_024349898.1_Calciumbinding_mitochon		
Hsapiens.NP_775908.2_mitochondrial_carrier_protein		
Lanatina.XP_013394192.1_calciumbinding_mitochondri		
Hsapiens.NP_037518.3_calcium-binding_mitochondrial		
${\tt Hsapiens.NP\_001317917.1\_calcium-binding\_mitochondr}$		
Hsapiens.NP_077008.2_calcium-binding_mitochondrial		
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond		
Cintestinalis.LOC100186688_uncharacterized_protein		
Myessoensis.XP_021372793.1_calciumbinding_mitochon		
Aplanci.LOC110976327_calciumbinding_mitochondrial_		
Bbelcheri.LOC109482499_calciumbinding_mitochondria		
Bbelcheri.LOC109467967_solute_carrier_family_25_me		
Egranulosus.XP_024353850.1_Solute_carrier_family_2		
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499		
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i		
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran		
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t		
${\tt Lanatina.XP\_013386564.1\_mitochondrial\_coenzyme\_A\_t} \\ {\tt Hsapiens.NP\_848621.2\_mitochondrial\_coenzyme\_A\_tran} \\$		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946873T_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10946873T_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.L0C109468737_mitochondrial_coenzyme_A_tr Aplanci.L0C110973531_graves_disease_carrier_protei Cintestinalis.L0C100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_pro Bbelcheri.L0C109481428_graves_disease_carrier_proteins.		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_Lonatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_beblcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei		4608 4808
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Aplanci.LOC101973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_protei delayers_disease_carrier_proteins_nP_689920.1_graves_disease_carrier_proteins_delayers_disease_delayers_disease_delayers_disease_delayers_disease_delayers_disease_delayers_disease_delayers_disea	å 420å 440å	460â 480â  DDLIRLIFHGNPSDGTSNNNNRLOHRTAAEKDARNRLTVGAOYRISLOILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr Aplanci.LOC110973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_protei Ebelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_protei double descriptions of the description of t	å 420å 440å	
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LoC109468737_mitochondrial_coenzyme_A_traplanci.LoC10973531_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_tanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_Bbelcheri.LoC109481428_graves_disease_carrier_protei LoC109481428_graves_disease_carrier_protei 4000000000000000000000000000000000000	å 420å 440å	
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC10973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_proteics.XP_021350602.1_graves_disease_carrier_proteics.XP_021350602.1_graves_disease_carrier_proteics.XP_021350602.1_graves_disease_carrier_proteics.XP_021350602.1_graves_disease_carrier_proteics.XP_021350602.1_graves_disease_carrier_proteics.XP_021350602.1_graves_disease_carrier_proteics.XP_021350602.1_graves_disease_carrier_proteics.XP_02435854.1_Calciumbinding_mitochon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_024358887.1_Calciumbinding_MITOChon.XP_0243	å 420å 440å	
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_promyessoensis.XP_021350602.1_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.DC109481428_graves_disease_carrier_proteicintestinalis.DC109481415.1_proteicintestinalis.DC109481415.1_proteicintestinalis.DC109481415.1_proteicintestinalis.DC109481415.1_proteicintestinalis.DC109481415.1_proteicintestinalis.DC109481457.1_Calciumbinding_mitochoncestinalis.DC109481457.1_proteicintestinalis.DC109471203_000471	å 420å 440å	
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC10973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_Drowlessoensis.XP_013414919.1_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_proteids_applens.NP_689920.1_graves_disease_carrier_proteids_applens.NP_689920.1_graves_disease_carrier_proteids_applens.XP_02435354.1_Calciumbinding_mitochon_granulosus.XP_02435887.1_Calciumbinding_mitochon_apple.Calciumbi	å 420å 440å	
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_protein_belcheri.LOC109481428_graves_disease_carrier_protein_sapiens.NP_689920.1_graves_disease_carrier_protein_sapiens.NP_689920.1_graves_disease_carrier_protein_sapiens.NP_024353854.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_I4U23_000471_Avaga.UJR23030.1_hypothetical_protein_I4U23_026056_Avaga.UJR25868.1_hypothetical_protein_I4U23_026056_Avaga.UJR25868.1_hypothetical_protein_I4U23_077218_Avag	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tra Bbelcheri.LoC109468737_mitochondrial_coenzyme_A_tra Pbelcheri.LoC10973531_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_prot Bbelcheri.LoC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_protei 400 Avaga.UJR31415.1_hypothetical_protein_I4U23_01898 Egranulosus.XP_024358854.1_Calciumbinding_mitochon Egranulosus.XP_024348871.Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon	â 420â 440â RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNSÇ	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.IoC109468737_mitochondrial_coenzyme_A_traplanci.LoC110973531_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_protein_tanatina.XP_013414919.1_graves_disease_carrier_protein_sease_carrier_protein_tanatina.XP_013414919.1_graves_disease_carrier_protein_testinalis.LoC109481428_graves_disease_carrier_protein_sease_tanatina.NP_689920.1_graves_disease_carrier_protein_tanatina.NP_689920.1_graves_disease_carrier_protein_tanatina.XP_013415.1_hypothetical_protein_I4023_018988_tranulosus.XP_024358854.1_Calciumbinding_mitochon_tanatinalistanatinal	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_protei Ebelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_protei 400_4000000000000000000000000000000000	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC10973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_Damatina.XP_013414919.1_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_proteidsapiens.NP_689920.1_graves_disease_carrier_proteidsapiens.NP_689920.1_graves_disease_carrier_proteidsapiens.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR3457.1_hypothetical_protein_I4023_000471Avaga.UJR23030.1_hypothetical_protein_I4023_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC10973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_protein_belcheri.LOC109481428_graves_disease_carrier_protein_belcheri.LOC109481428_graves_disease_carrier_protein_spectors.NP_689920.l_graves_disease_carrier_protein_spectors.NP_689920.l_graves_disease_carrier_protein_spectors.NP_689920.l_graves_disease_carrier_protein_granulosus.XP_024354887.l_Calciumbinding_mitochon Avaga.UJR31415.l_hypothetical_protein_I4U23_000471 Avaga.UJR3457.l_hypothetical_protein_I4U23_0000711 Avaga.UJR25868.l_hypothetical_protein_I4U23_007218 Egranulosus.XP_024348989.l_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein_lanatina.XP_013394192.l_calciumbinding_mitochondridisapiens.NP_037518.3_calcium-binding_mitochondridisapiens.NP_031518.3_calcium-binding_mitocho	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_protein_belcheri.LOC109481428_graves_disease_carrier_protein_solutions.NP_689920.1_graves_disease_carrier_protein_solutions.NP_089920.1_graves_disease_carrier_protein_graves_disease_carrier_protein_solutions.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31451.1_hypothetical_protein_I4U23_018908_granulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_I4U23_000471_Avaga.UJR23030.1_hypothetical_protein_I4U23_0000471_Avaga.UJR236861.1_hypothetical_protein_I4U23_007218_granulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein_solutions.NP_037518.3_calcium-binding_mitochondrial_sapiens.NP_037518.3_calcium-binding_mitochondrial_sapiens.NP_03717.1_calcium-binding_mitochondrial_sapiens.NP_037008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_mitochondrial_sapiens.NP_077008.2_calcium-binding_m	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.L_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.IoC109468737_mitochondrial_coenzyme_A_traplanci.LoC110973531_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_protein_Lanatina.XP_013414919.1_graves_disease_carrier_protein_belcheri.IoC109481428_graves_disease_carrier_protein_sapiens.NP_689920.1_graves_disease_carrier_protein_sapiens.NP_689920.1_graves_disease_carrier_protein_granulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4023_000471 Avaga.UJR32303.1_hypothetical_protein_I4023_000656 Avaga.UJR25868.1_hypothetical_protein_I4023_007218 Egranulosus.XP_0243488897.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein_Lanatina.XP_013394192.1_calciumbinding_mitochondrial_taspiens.NP_037518.3_calcium-binding_mitochondrial_taspiens.NP_031518.3_calcium-binding_mitochondrial_taspiens.NP_01317917.1_calcium-binding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrianelances.scalcium-binding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_bmelanogaster.ScaMc_short_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitochondrial_calciumbinding_mitoch	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_Droteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC1094348887.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_000471Avaga.UJR23030.1_hypothetical_protein_I4U23_000471Avaga.UJR23030.1_hypothetical_protein_I4U23_0007218Egranulosus.XP_024349898.1_Calciumbinding_mitochondrisapiens.NP_075908.2_mitochondrial_carrier_protein_Lanatina.XP_013394192.1_calciumbinding_mitochondriHsapiens.NP_0037518.3_calcium-binding_mitochondriHsapiens.NP_071908.2_calcium-binding_mitochondrialDmelanogaster.SCaMC_short_Calciumbinding_mitochondrialDmelanogaster.SCaMC_short_Calciumbinding_mitochondrintestinalis.LOC100186688_uncharacterized_protein	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_Droteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC1094348887.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_000471Avaga.UJR23030.1_hypothetical_protein_I4U23_000471Avaga.UJR23030.1_hypothetical_protein_I4U23_0007218Egranulosus.XP_024349898.1_Calciumbinding_mitochondrisapiens.NP_075908.2_mitochondrial_carrier_protein_Lanatina.XP_013394192.1_calciumbinding_mitochondriHsapiens.NP_0037518.3_calcium-binding_mitochondriHsapiens.NP_071908.2_calcium-binding_mitochondrialDmelanogaster.SCaMC_short_Calciumbinding_mitochondrialDmelanogaster.SCaMC_short_Calciumbinding_mitochondrintestinalis.LOC100186688_uncharacterized_protein	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_Droteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC109481428_graves_disease_carrier_proteiseloct.LOC1094348887.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_000471Avaga.UJR23030.1_hypothetical_protein_I4U23_000471Avaga.UJR23030.1_hypothetical_protein_I4U23_0007218Egranulosus.XP_024349898.1_Calciumbinding_mitochondrisapiens.NP_075908.2_mitochondrial_carrier_protein_Lanatina.XP_013394192.1_calciumbinding_mitochondriHsapiens.NP_0037518.3_calcium-binding_mitochondriHsapiens.NP_071908.2_calcium-binding_mitochondrialDmelanogaster.SCaMC_short_Calciumbinding_mitochondrialDmelanogaster.SCaMC_short_Calciumbinding_mitochondrintestinalis.LOC100186688_uncharacterized_protein	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC10973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_Droteicintestinalis.LOC109481428_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_Bbelcheri.LOC109481428_graves_disease_carrier_Droteicintestinalis.NP_69920.1_graves_disease_carrier_proteicintestinalis.NP_69920.1_graves_disease_carrier_proteicintestinalis.XP_0134145.1_hypothetical_protein_I4U23_018908.Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR23030.1_hypothetical_protein_I4U23_000471.Avaga.UJR23030.1_hypothetical_protein_I4U23_007218.Egranulosus.XP_024349898.1_Calciumbinding_mitochondrishapiens.NP_775908.2_mitochondrial_carrier_protein_Lanatina.XP_013334192.1_calciumbinding_mitochondrial_sapiens.NP_037518.3_calcium-binding_mitochondrial_Hsapiens.NP_070708.2_calcium-binding_mitochondrial_Dmelanogaster.ScaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbinding_mitochondrial_Dmelanogaster.XCaMC_short_Calciumbi	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_Droteinselselselselselselselselselselselselsels	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC10973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Bbelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.l_graves_disease_carrier_prot Hsapiens.NP_689920.l_graves_disease_carrier_protei A0vaga.UJR31415.l_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.l_Calciumbinding_mitochon Avaga.UJR31457.l_hypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_007218 Egranulosus.XP_0243498981.l_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_007218 Egranulosus.XP_013394192.l_calciumbinding_mitochondri Hsapiens.NP_013391917.l_calciumbinding_mitochondri Hsapiens.NP_0719708.2_calcium-binding_mitochondri Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.ScaMc_short_Calciumbinding_mitochond cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.l_calciumbinding_mitochond aplanci.LOC110976327_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_2	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC10973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Bbelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.l_graves_disease_carrier_prot Hsapiens.NP_689920.l_graves_disease_carrier_protei A0vaga.UJR31415.l_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.l_Calciumbinding_mitochon Avaga.UJR31457.l_hypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_007218 Egranulosus.XP_0243498981.l_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_007218 Egranulosus.XP_013394192.l_calciumbinding_mitochondri Hsapiens.NP_013391917.l_calciumbinding_mitochondri Hsapiens.NP_0719708.2_calcium-binding_mitochondri Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.ScaMc_short_Calciumbinding_mitochond cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.l_calciumbinding_mitochond aplanci.LOC110976327_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_2	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_trap Bbelcheri.LOC10973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Bbelcheri.LOC109481428_graves_disease_carrier_protei Bsapiens.NP_689920.l_graves_disease_carrier_protei Bsapiens.NP_689920.l_graves_disease_carrier_protei Bgranulosus.XP_02435854.l_Calciumbinding_mitochon Egranulosus.XP_024348887.l_Calciumbinding_mitochon Avaga.UJR13457.l_hypothetical_protein_I4023_000671 Avaga.UJR23030.l_hypothetical_protein_I4023_000656 Avaga.UJR25868.l_hypothetical_protein_I4023_007218 Egranulosus.XP_024349898.l_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.l_calciumbinding_mitochondrial Hsapiens.NP_001317917.l_calcium-binding_mitochondrial Hsapiens.NP_007518.3_calcium-binding_mitochondrial Hsapiens.NP_007508.2_calcium-binding_mitochondrial Hsapiens.NP_077508.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.LOC109482499_calciumbinding_mitochondrial Bbelcheri.LOC109482499_calciumbinding_mitochondrial Bbelcheri.LOC109482499_calciumbinding_mitochondrial Bbelcheri.LOC109482499_calciumbinding_mitochondrial Bbelcheri.LOC109482499.calciumbinding_mitochondrial Bbelcheri.LOC109482499.calciumbinding_mitochondrial	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC10180500_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintespiens.NP_689920.l_graves_disease_carrier_proteicintespiens.NP_689920.l_graves_disease_carrier_proteicintespiens.NP_024353854.l_Calciumbinding_mitochon Avaga.UJR31415.l_hypothetical_protein_I4U23_000471Avaga.UJR23030.l_hypothetical_protein_I4U23_000471Avaga.UJR23030.l_hypothetical_protein_I4U23_007218Egranulosus.XP_024348887.l_Calciumbinding_mitochondrialspiens.NP_075908.2_mitochondrial_carrier_protein_Lanatina.XP_013394192.l_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_spiens.NP_037518.3_calciumbinding_mitochondrial_belcheri.LOC109462499_calciumbinding_mitochondrial_belcheri.LOC10946767_solute_carrier_family_25_me_Egranulosus.XP_02433850.l_S0lute_carrier_family_25_me_Egranulosus.XP_024333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_024333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_024333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_024333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_024333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_024333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_0244333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_0244333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_0244333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_0244333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_0244333850.l_S0lute_carrier_family_25_me_Egranulosus.XP_0244333850.l_S0lute_carrier_family_26_me_Egranulosus.XP_0244333850.l_S0	â 420â 440â RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC10973531_graves_disease_carrier_protei cintestinalis.LOC100180500_graves_disease_carrier_protei locations.Coloreries_graves_disease_carrier_pro Myessoensis.XP_021355062.l_graves_disease_carrier_pro Bbelcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.l_graves_disease_carrier_prot Hsapiens.NP_689920.l_graves_disease_carrier_prot Hsapiens.NP_089920.l_graves_disease_carrier_prot Bgranulosus.XP_024353854.l_Calciumbinding_mitochon Avaga.UJR31415.l_hypothetical_protein_I4U23_018908 Egranulosus.XP_024348887.l_Calciumbinding_mitochon Avaga.UJR23030.l_hypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_0007218 Egranulosus.XP_024348889.l_Calciumbinding_mitochon Hsapiens.NP_0715908.2_mitochondrial_protein_I4U23_07218 Egranulosus.XP_02439898.l_Calciumbinding_mitochondri Hsapiens.NP_013394192.l_calciumbinding_mitochondri Hsapiens.NP_01339117.l_calcium-binding_mitochondri Hsapiens.NP_071908.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.ScaMC_short_Calciumbi	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109486737_mitochondrial_coenzyme_A_trap Bbelcheri.LOC10973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Bbelcheri.LOC109481428_graves_disease_carrier_pro Hsapiens.NP_689920.l_graves_disease_carrier_protein Bsapiens.NP_689920.l_graves_disease_carrier_protein Granulosus.XP_024353854.l_Calciumbinding_mitochon Egranulosus.XP_024358857.l_Calciumbinding_mitochon Avaga.UJR13457.l_hypothetical_protein_I4023_000471 Avaga.UJR23030.l_hypothetical_protein_I4023_000656 Avaga.UJR25868.l_hypothetical_protein_I4023_007218 Egranulosus.XP_024348887.l_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.l_calciumbinding_mitochondrial Hsapiens.NP_070708.2_mitochondrial_carrier_protein Lanatina.XP_013394192.l_calciumbinding_mitochondrial Hsapiens.NP_070708.2_calcium-binding_mitochondrial Hsapiens.NP_0737518.3_calcium-binding_mitochondrial Hsapiens.NP_0737518.3_calcium-binding_mitochondrial Hsapiens.NP_0737518.2_calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial Dbelcheri.LOC109482499_calciumbinding_mitochondrial_Dbelcheri.LOC109482499_calciumbinding_mitochondrial_Dbelcheri.LOC109482499_calciumbinding_mitochondrial_Dbelcheri.LOC109482499_calciumbinding_mitochondrial_Dbelcheri.LOC109482499	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_048621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_Downsosensis.XP_021350602.l_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.NP_089920.l_graves_disease_carrier_proteicintestinalis.XP_024353854.l_Calciumbinding_mitochon Avaga.UJR31415.l_hypothetical_protein_I4U23_018908_granulosus.XP_024348887.l_Calciumbinding_mitochon Avaga.UJR23868.l_hypothetical_protein_I4U23_000471_Avaga.UJR23868.l_hypothetical_protein_I4U23_0007218_granulosus.XP_024349898.l_Calciumbinding_mitochondrisapiens.NP_075908.2_mitochondrial_protein_I4U23_007218_granulosus.XP_024349898.l_Calciumbinding_mitochondrisapiens.NP_075908.2_calcium-binding_mitochondrisapiens.NP_075908.2_calcium-binding_mitochondrisapiens.NP_071008.2_calcium-binding_mitochondrial_Delanogaster.SCaMC_short_Calciumbinding_mitochondrial_Delanogaster.SCaMC_short_Calciumbinding_mitochondrial_Delanogaster.SCaMC_short_Calciumbinding_mitochondrial_Delanogaster.DeCod.dephosphotocenzyme_A_tarrier_family_2_Avaga.UJR35750.l_hypothetical_protein_I4U23_028499_Delanogaster.DeCod.dephosphotocenzyme_A_carrier_family_2_Avaga.UJR35750.l_hypothetical_protein_I4U23_028499_Delanogaster.DeCod.dephosphotocenzyme_A_carrier_family_2_Avaga.UJR35750.l_hypothetical_protein_I4U23_028499_Delanogaster.DeCod.dephosphotocenzyme_A_carrier_family_2_Avaga.UJR35750.l_hypothetical_protein_I4U23_028499_Delanogaster.DeCod.dephosphotocenzyme_A_carrier_family_2_Avaga.UJR35750.l_hypothetical_protein_I4U23_028499_Delanogaster.DeCod.dephosphotocenzyme_A_carrier_family_2_Avaga.UJR35750.l_hypothetical_protein_I4U23_028499_Delanogaster.DeCod.dephosphotocenzyme_A_c	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_trap Aplanci.LOC10973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Bbelcheri.LOC109481428_graves_disease_carrier_pro Hsapiens.NP_68920.l_graves_disease_carrier_protei Bsapiens.NP_68920.l_graves_disease_carrier_protei Bgranulosus.XP_024353854.l_Calciumbinding_mitochon Egranulosus.XP_024348887.l_Calciumbinding_mitochon Avaga.UJR13457.l_hypothetical_protein_I4023_000471 Avaga.UJR23030.l_hypothetical_protein_I4023_000656 Avaga.UJR25868.l_hypothetical_protein_I4023_007218 Egranulosus.XP_024349898.l_Calciumbinding_mitochon Hsapiens.NP_075508.2_mitochondrial_carrier_protein Lanatina.XP_013394192.l_calciumbinding_mitochondrial Hsapiens.NP_001317917.l_calcium-binding_mitochondrial Hsapiens.NP_007518.3_calcium-binding_mitochondrial Hsapiens.NP_077508.2_calcium-binding_mitochondrial Hsapiens.NP_0737518.3_calcium-binding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024372793.l_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Egranulosus.XP_024553850.l_Solute_carrier_family_25_me Egranulosus.XP_024553850.l_Solute_carrier_family_25_me Egranulosus.XP_024553656.l_Mitochondrial_coenzyme_A_tran Myessoensis.XP_021555166.l_mitochondrial_coenzyme_A_tran Myessoensis.XP_021555166.l_mitochondrial_coenzyme_A_tran Myessoensis.XP_021555166.l_mitochondrial_coenzyme_A_tran Myessoensis.XP_021555166.l_mitochondrial_coenzyme_A_tran Myessoensis.XP_0213555166.l_mi	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_0448621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_protein_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_protein_coenzyme_A_traplanci.NP_013414919.l_graves_disease_carrier_protein_belcheri.LOC109481428_graves_disease_carrier_protein_belcheri.LOC109481428_graves_disease_carrier_protein_sapiens.NP_689920.l_graves_disease_carrier_protein_sapiens.NP_024353854.l_Calciumbinding_mitochon Avaga.UJR31415.l_hypothetical_protein_I4U23_018908_granulosus.XP_024348887.l_Calciumbinding_mitochon Avaga.UJR32303.l_hypothetical_protein_I4U23_000471_Avaga.UJR23030.l_hypothetical_protein_I4U23_007218_granulosus.XP_024348989.l_Calciumbinding_mitochondrial_sapiens.NP_075908.2_mitochondrial_protein_I4U23_007218_granulosus.XP_024349898.l_Calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_belcheri.LOC109462499_calciumbinding_mitochondrial_belcheri.LOC10946767_solute_carrier_family_25_me_granulosus.XP_024353850.l_Solute_carrier_family_25_me_granulosus.XP_024353850.l_Solute_carrier_family_25_me_granulosus.XP_02453850.l_Solute_carrier_family_25_me_granulosus.XP_02453850.l_Solute_carrier_family_25_me_granulosus.XP_02453850.l_Solute_carrier_family_25_me_granulosus.XP_02453850.l_Solute_carrier_family_25_me_granulosus.XP_02453850.l_Solute_carrier_family_26_me_granulosus.XP_02453850.l_Tolute_carrier_family_26_me_granulosus.XP_02453850.l_Tolute_carrier_family_26_me_granulosus.XP_02453850.l_Tolute_carrier_family_26_me_granulosus.XP_02453850.l_Tolute_carrier_family_26_me_granulosus.XP_02453850.l_Tolute_carrier_family_26_me_granulosus.XP_02453850.l_Tolute_carrier_family_26	â 420â 440â RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_Drownessees.S.XP_021350602.l_graves_disease_carrier_Drownessees.S.XP_021350602.l_graves_disease_carrier_prownessees.S.XP_021350602.l_graves_disease_carrier_prownessees.S.XP_021350602.l_graves_disease_carrier_prownessees.S.XP_02353654.l_Calciumbinding_mitochon Avaga.UJR31415.l_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.l_Calciumbinding_mitochon Avaga.UJR33030.l_hypothetical_protein_I4U23_000471 Avaga.UJR23868.l_hypothetical_protein_I4U23_000471 Avaga.UJR25868.l_hypothetical_protein_I4U23_007218 Egranulosus.XP_0243498998.l_Calciumbinding_mitochondrial_papers.NP_073598.2_mitochondrial_protein_I4U23_007218 Egranulosus.XP_0243498998.l_Calciumbinding_mitochondrisapiens.NP_073598.2_mitochondrial_protein_I4U23_007218 Egranulosus.XP_024353850.l_bylochetical_protein_I4U23_007218 Egranulosus.XP_0237518.3_calciumbinding_mitochondrisapiens.NP_077008.2_calcium-binding_mitochondrisapiens.NP_077008.2_calcium-binding_mitochondrial_Dealanogaster.SCaMC_short_Calciumbinding_mitochondrial_Dealanogaster.SCaMC_short_Calciumbinding_mitochondrial_Dealanogaster.SCaMC_short_Calciumbinding_mitochondrial_Dealanogaster.ScaMC_short_Calciumbinding_mitochondrial_Dealanogaster.DeCod.dephosphocoenzyme_A_tranBylanci.LOC10946327_aclciumbinding_mitochondrial_Dealanogaster.DeCod.dephosphocoenzyme_A_tranBylanci.LOC109463661.mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coenzyme_A_tranBylancis.LOC109468737_mitochondrial_coe	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.IoC109468737_mitochondrial_coenzyme_A_trap Bbelcheri.LoC10973531_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Bbelcheri.IoC109481428_graves_disease_carrier_pro Hsapiens.NP_68920.l_graves_disease_carrier_protei Bealcheri.LoC109481428_graves_disease_carrier_protei Begranulosus.XP_024353854.l_Calciumbinding_mitochon Egranulosus.XP_024358887.l_Calciumbinding_mitochon Avaga.UJR13457.l_hypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_000718 Avaga.UJR23030.l_hypothetical_protein_I4U23_007218 Egranulosus.XP_024348887.l_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_007218 Egranulosus.XP_024349898.l_Calciumbinding_mitochondrial Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.l_calciumbinding_mitochondrial Hsapiens.NP_077008.2_calcium-binding_mitochondrial Hsapiens.NP_077008.2_calcium-binding_mitochondrial Hsapiens.NP_077008.2_calcium-binding_mitochondrial Hsapiens.NP_077008.2_calcium-binding_mitochondrial Bbelcheri.LoC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_25_me Egranulosus.XP_0240649967_solute_carrier_family_26_matchondrial_coenzyme_A_tran Bbelcheri.LoC109462497_mitochondrial_coenzyme_A_tran Bbelcheri.LoC1094684737_mitochondrial_coenzyme_A_tran Bbelcheri	å 420å 440å RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_01336564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.LOC109481428_graves_disease_carrier_proteicintestinalis.NP_024354854.l_Calciumbinding_mitochondvaga.UJR31415.l_hypothetical_protein_I4U23_000471Avaga.UJR32030.l_hypothetical_protein_I4U23_000471Avaga.UJR25868.l_hypothetical_protein_I4U23_000471Avaga.UJR25868.l_hypothetical_protein_I4U23_00071829182918291829182918291829182918291829	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC10973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Myessoensis.XP_021350602.l_graves_disease_carrier_pro Hsapiens.NP_68920.l_graves_disease_carrier_protei Bbelcheri.LOC109481428_graves_disease_carrier_protei Begranulosus.XP_024353854.l_Calciumbinding_mitochon Egranulosus.XP_024348887.l_Calciumbinding_mitochon Avaga.UJR31415.l_hypothetical_protein_I4023_000471 Avaga.UJR23030.l_hypothetical_protein_I4023_00065 Avaga.UJR25868.l_hypothetical_protein_I4023_007218 Egranulosus.XP_024348887.l_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_protein_I4023_007218 Egranulosus.XP_0024349898.l_Calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_001317917.l_calcium-binding_mitochondrial Hsapiens.NP_0770908.2_mitochondrial_botein_I4025_1808 Myessoensis.XP_0021372793.l_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_2 Avaga.UJR37550.l_hypothetical_protein_I4023_028499 Dmelanogaster.DC0AC_dephosphocoenzyme_A_tra Myessoensis.XP_021375166.l_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109467967_solute_carrier_family_2 Avaga.UJR37550.l_hypothetical_protein_I4023_028499 Dmelanogaster.DC0AC_dephosphocoenzyme_A_tra Bbelcheri.LOC109467967_solute_carrier_family_2 Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468730_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468730_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468730_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468730_mitochondrial_coenzyme_A_tra Bbelcheri.LOC109468730_mitocho	â 420â 440â RRINKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFRNSG	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_01336564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.IoC109468737_mitochondrial_coenzyme_A_traplanci.LoC110973531_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC1001801800_graves_disease_carrier_proteicintestinalis.LoC100180181428_graves_disease_carrier_proteicintestinalis.NP_68920.l_graves_disease_carrier_proteicintestinalis.NP_68920.l_graves_disease_carrier_proteicintestinalis.NP_68920.l_graves_disease_carrier_proteicintestinalis.NP_024348887.l_Calciumbinding_mitochondvaga.UJR13457.l_hypothetical_protein_I4U23_000471Avaga.UJR23030.l_hypothetical_protein_I4U23_000718Avaga.UJR23030.l_hypothetical_protein_I4U23_007218Egranulosus.XP_024348889.l_Calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_Hsapiens.NP_037518.3_calciumbinding_mitochondrial_Hsapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_Deelnomysaser.ScaMc_short_calciumbinding_mitochondrial_Deelnomysaser.ScaMc_short_calciumbinding_mitochondrial_belcheri.LoC109462499_calciumbinding_mitochondrial_Deelnomyss.XP_024353850.l_Solute_carrier_family_25_me_Egranulosus.XP_024353850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_26_myses_osis.XP_021336664.l_mitochondrial_coenzyme_A_tran_thesolutestinalis.LoC1001866737_mitochondrial_coenzyme_A_tran_thesolutesti	â 420â 440â RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_01336564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicontestinalis.LOC100180500_graves_disease_carrier_proteicontestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_proteicontestinalis.LOC100180500_graves_disease_carrier_proteicontestinalis.LOC109481428_graves_disease_carrier_proteicontestinalis.LOC109481428_graves_disease_carrier_proteicontestinalis.LOC109481428_graves_disease_carrier_proteicontestinalis.LOC109481428_graves_disease_carrier_proteicontestinalis.LOC109481428_graves_disease_carrier_proteicontestinalis.LOC109483487.l_Calciumbinding_mitochondisgranulosus.XP_024354887.l_Calciumbinding_mitochondisgranulosus.XP_024354887.l_Calciumbinding_mitochondisquing.UNR23868.l_hypothetical_protein_I4U23_026056_Avaga.UNR258686.l_hypothetical_protein_I4U23_026056_Avaga.UNR258666_A	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS
Lanatina.XP_01336564.l_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.IoC109468737_mitochondrial_coenzyme_A_traplanci.LoC110973531_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC100180500_graves_disease_carrier_proteicintestinalis.LoC1001801800_graves_disease_carrier_proteicintestinalis.LoC100180181428_graves_disease_carrier_proteicintestinalis.NP_68920.l_graves_disease_carrier_proteicintestinalis.NP_68920.l_graves_disease_carrier_proteicintestinalis.NP_68920.l_graves_disease_carrier_proteicintestinalis.NP_024348887.l_Calciumbinding_mitochondvaga.UJR13457.l_hypothetical_protein_I4U23_000471Avaga.UJR23030.l_hypothetical_protein_I4U23_000718Avaga.UJR23030.l_hypothetical_protein_I4U23_007218Egranulosus.XP_024348889.l_Calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_Hsapiens.NP_037518.3_calciumbinding_mitochondrial_Hsapiens.NP_037518.3_calciumbinding_mitochondrial_sapiens.NP_037518.3_calciumbinding_mitochondrial_Deelnomysaser.ScaMc_short_calciumbinding_mitochondrial_Deelnomysaser.ScaMc_short_calciumbinding_mitochondrial_belcheri.LoC109462499_calciumbinding_mitochondrial_Deelnomyss.XP_024353850.l_Solute_carrier_family_25_me_Egranulosus.XP_024353850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_25_me_Egranulosus.XP_024533850.l_Solute_carrier_family_26_myses_osis.XP_021336664.l_mitochondrial_coenzyme_A_tran_thesolutestinalis.LoC1001866737_mitochondrial_coenzyme_A_tran_thesolutesti	å 420å 440a RNNKHSFTIHHYAGKVSYCALGFLEKNRDTLSDSVVDMFKNS(	DDLIRLLFHGNPSDGTSNMNNRLQHRTAAEKDARNRLTVGAQYRISLQILMDRMCAS

Avada ILTR31415 1 hypothetical protein T4H23 018908	HPVFMRCIKPNQQKQAHLFDDTFVRAQLRYCGMLETTRIRKEGYSVRLTFEE	FIRKYGILSKIHSSNSSLSTCHHILEETKLTEWOLGKTKVFLKYYHD
Egranulosus.XP_024353854.1_Calciumbinding_mitochon		
Egranulosus.XP_024348887.1_Calciumbinding_mitochon		
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471		
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056		
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218		
Egranulosus.XP_024349898.1_Calciumbinding_mitochon		
Hsapiens.NP_775908.2_mitochondrial_carrier_protein		
Lanatina.XP_013394192.1_calciumbinding_mitochondri		
Hsapiens.NP_037518.3_calcium-binding_mitochondrial		
Hsapiens.NP_001317917.1_calcium-binding_mitochondr		
Hsapiens.NP_077008.2_calcium-binding_mitochondrial		
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond		
	$\verb LTSNPALKNLQHCNEAPATWVQGSQLKPSGYRSPYFPKWDRVNPVKRRRPRKII                                     $	DSSSATLDLVLSSLNLNELSLPEVHLAMGNDGSPQSICPQKEAYYRE
Myessoensis.XP_021372793.1_calciumbinding_mitochon		
Aplanci.LOC110976327_calciumbinding_mitochondrial_		
Bbelcheri.LOC109482499_calciumbinding_mitochondria		
Bbelcheri.LOC109467967_solute_carrier_family_25_me		
Egranulosus.XP_024353850.1_Solute_carrier_family_2		
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499		
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i		
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran		
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t		
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran		
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr		
Aplanci.LOC110973531_graves_disease_carrier_protei		
Cintestinalis.LOC100180500_graves_disease_carrier_		
Lanatina.XP_013414919.1_graves_disease_carrier_pro		
Myessoensis.XP_021350602.1_graves_disease_carrier_		
Bbelcheri.LOC109481428_graves_disease_carrier_prot		
Hsapiens.NP_689920.1_graves_disease_carrier_protei		
nsapiens.Nr_009920.1_graves_drsease_carrier_proter		660â 680â
	a 62Ua 64Ua QLEKSMNKYRKAALLIQRTLRGYTARKLFRELKSASKTCRNEVNEFCIHAEDI	MCNUA ANT AUT MEKT DEUDT DDDDDDDDDDDDDDDDDT COORTI 1227/C227/C227/C227/C227/C227/C227/C227/
Egranulosus.XP_024353854.1_Calciumbinding_mitochon		
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon		
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471		
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056		
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218		
Egranulosus.XP_024349898.1_Calciumbinding_mitochon		
Hsapiens.NP_775908.2_mitochondrial_carrier_protein		
Lanatina.XP_013394192.1_calciumbinding_mitochondri		
Hsapiens.NP_037518.3_calcium-binding_mitochondrial		
Hsapiens.NP_001317917.1_calcium-binding_mitochondr		
${\tt Hsapiens.NP\_077008.2\_calcium-binding\_mitochondrial}$		
${\tt Dmelanogaster.SCaMC\_short\_Calciumbinding\_mitochond}$		
	FDRLDVDNDGRVDVHELKEAYMKMGLLQVPGQAEKFVSASDSNKDGELDVAE	FVRYLHEHEMKLKLMFKRLDRDKDGRLTSTEIEEALRSVGFDVSKDE
Myessoensis.XP_021372793.1_calciumbinding_mitochon		
Aplanci.LOC110976327_calciumbinding_mitochondrial_		
Bbelcheri.LOC109482499_calciumbinding_mitochondria		
Bbelcheri.LOC109467967_solute_carrier_family_25_me		
Egranulosus.XP_024353850.1_Solute_carrier_family_2		
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499		
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i		
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran		
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t		
${\tt Hsapiens.NP\_848621.2\_mitochondrial\_coenzyme\_A\_tran}$		
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr		
Aplanci.LOC110973531_graves_disease_carrier_protei		
Cintestinalis.LOC100180500_graves_disease_carrier_		
Lanatina.XP_013414919.1_graves_disease_carrier_pro		
Myessoensis.XP_021350602.1_graves_disease_carrier_		
Bbelcheri.LOC109481428_graves_disease_carrier_prot		
Hsapiens.NP_689920.1_graves_disease_carrier_protei		
700		760â 780â
	LPTIKTPSIPTTPTSTLTTNQLMVDYDSLLSYLTLKYGSPGERESCLRWFRD	TQTPTVCQNGTFPNWFHGNITRHRAEDLLKSQPIGCFLIRLSESRFG
Egranulosus.XP_024353854.1_Calciumbinding_mitochon		
Egranulosus.XP_024348887.1_Calciumbinding_mitochon		
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471		
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056		
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218		
Egranulosus.XP_024349898.1_Calciumbinding_mitochon		
Lanatina.XP_013394192.1_calciumbinding_mitochondri		
Hsapiens.NP_037518.3_calcium-binding_mitochondrial		
${\tt Hsapiens.NP\_001317917.1\_calcium-binding\_mitochondr}$		
${\tt Hsapiens.NP\_077008.2\_calcium-binding\_mitochondrial}$		
	KEITKRIDKDGTSSIDINEWVEHHLLHPSADLKDIVSYWKHATYIDIGESLI	
Egranulosus.XP_024353850.1_Solute_carrier_family_2		
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499		
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i		
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t		
Hsapiens.NP_689920.1_graves_disease_carrier_protei		
Hsapiens.NP_689920.1_graves_disease_carrier_protei 800		860â 880â

Avaga ILTP31415 1 hypothetical protein T4H23 018908	SLSFRAEDRCRHYMINQLKNSKYNVIGESKVHQSLDTLIEYYRTHELSNWNGRLTDPCKADWSQYDHESLMPLPNLP	NNDDVHDMKSIDNDTHTISTSD
		NAME THE PROTESSES
Egranulosus.XP_024348887.1_Calciumbinding_mitochon		
Avaga U.D13457 1 hypothetical protein T4U23 000471		
Avaga ULTP23030 1 hypothetical protein IAU23 026056		
Avaga UTP25060 1 hypothetical protein T4U22 007210		
Paranulagua VD 024240000 1 Calaiumhinding mitaghan		
Harrions ND 775000 2 mitosbondrial carrior protein		
Innatina VD 013304102 1 galgiumbinding mitoghondri		
Heapiene NP 037518 3 calcium-binding mitochondrial		
Hsapiens.NP_001317917.1_calcium-binding_mitochondr		Mile
		mvs:
Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochond		ENERGORORNYCZ DTI Z Z CVEU
Cintestinalis IOC100106600 unabarratorized protein	KQFPPFTLTQLVGKRNSSLGSSGFLPPGYTTKGSAWHCNFSGNHTERNVLTSNPALKNLQHCNEAPATWVQGSQLKP	CONDONADAMINATIONS SERVICES OF THE SERVICES OF
		SGIRSFIFFRWDRVNFVRRRRF
Aplanci IOC110076227 calciumbinding mitochon		
Apranci.Locii09/632/_caiciumbinding_micochondriai_		
Pholobori IOC109467967 colute carrier family 25 mg		
BDelcheri.Locio9467967_Solute_carrier_lamity_25_me		
Egranulosus.XP_U2435385U.I_Solute_carrier_family_2		
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i		
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran		
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_		
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t		
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran		
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr		
Aplanci.LOC110973531_graves_disease_carrier_protei		
Cintestinalis.LOC100180500_graves_disease_carrier_		
Lanatina.XP_013414919.1_graves_disease_carrier_pro		
Myessoensis.XP_021350602.1_graves_disease_carrier_		
Bbelcheri.LOC109481428_graves_disease_carrier_prot		
<pre>Hsapiens.NP_689920.1_graves_disease_carrier_protei</pre>		
900		980â
	${\tt SCFSNPYSSKLFTTRPMLINNAFNTTMKLPIAIKNLIENDESFHELEEVVHKLHQDGNGRIRIGDLEAALQRIDEDNGRIBATION CONTRACTOR FROM the state of t$	
Egranulosus.XP_024353854.1_Calciumbinding_mitochon	MGELEKCTEKVGGHYRGLSPIVIAARSSNTFVTPSGTVLSRKSVDR	
Egranulosus.XP_024348887.1_Calciumbinding_mitochon	MKTGTDEKAQSVGFDDLDRQIDLDKDGLISKEDVKIFLRQFDLKL	TKNNLDVLAESFLECCGVGP1
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471	MNKSVQSPNDEPQLMKTSPDLIKDPNIHQKLNEKQLSYDELFHHVDKNNDGKIDVDELIELLEKTGGET	
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056	MLKTSPDLIKDPNIHQKLNEKQLSYDELFHHVDKNNDGKIDVDELIELLEKTGGET	-MSKKRFAIARHILKHGTGSSD
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218	MNGTSPDLIKDAVIHHDLNESHLSYRKLFHRLDQNHDDRIDVDQLIDLLEKSGVET	-STNKRWDIVRRIIAQAGGSPD:
Egranulosus.XP_024349898.1_Calciumbinding_mitochon	MPEKSSLRPEDRERIANLFKELDVDKDGRVSVAELASKIKGSEQTS	TAEKIISRGDEDHP
	MGAQPGEPQNTCSRIQTLFRRVKTLLIKAPPPPQPPPPPPSWNPGC	
Lanatina.XP_013394192.1_calciumbinding_mitochondri	MSSSAPEGQESV-SEEEGTRYLELFEKLDVNKDGKVDIEDLSRSLREMESFE	KHSWDQVQDHAKKIFDRTDLDKI
	$\tt VLCRCVASPPPDAAATAASSSASSPASVGDPCGGAICGGPDHRLRLWRLFQTLDVNRDGGLCVNDLAVGLRRLGLHRLGLHRLGLAGGAICGGPDHRLRLWRLFQTLDVNRDGGLCVNDLAVGLRRLGLHRLGLHRLGLAGGAICGGPDHRLRLWRLFQTLDVNRDGGLCVNDLAVGLRRLGLHRLGLHRLGLHRLGLHRLGLHRLGLHRLGLHR$	
Hsapiens.NP_077008.2_calcium-binding_mitochondrial	MRGSPGDAERRQRWGRLFEELDSNKDGRVDVHELRQGLARLGGGN	PDPGAQQGISSEGDADPI
Dmelanogaster.SCaMC short Calciumbinding mitochond	${\tt QNLGLQHAHLATSSTTNTPLAYDLHEVASSGSILPTEIPIEDEERLERIFNKLDRDGDGRIDIHDLSAALHEFGLSSERIFF CONTROL OF $	VYAEKFLOOSDKDO
	KDSSSATLDLVLSSLNLNELSLPEVHLAMGNDGSPQSICPQKEAYYREIFDRLDVDNDGRVDVHELKEAYMKMGLLQ	
	MTGAKGEFVLSAEESKKYQELFNKLDVNSDGRIDIADLTSSLTEMNVPL	
	MPDMNENAASDLSSIHPQLTPEDEARYAKLFEQLDVNADGRIDVEDLQEGLERLGVHI	
	MASTRELHELSAEEEEQFTKLFKRLDASGDGRIDFEELREGLKKLGVHS	
	MGSRKDHRLTF	
	MKLLRLPSTPASNKSFSRDFAPS	
Avaga.UJR35750.1 hypothetical protein I4U23 028499	MSKKLDEDSHLSNTQKI	
Dmelanogaster.DPCoAC dephosphocoenzyme A carrier i	MSRLLEKPNIAMSIKSTGSQLSSTMTTASATL	
Aplanci.LOC110984196 mitochondrial coenzyme A tran	MRSSHCFSKSAESHNLKHCNDSTTSAMIESSEEEHPIRRIQEDH	
	MLGMGVSVEETNLRPDVLNQSNLSLLASSPNVDQTTSPNSHGNGNEEHHHHEEH	
	MASVKDNTPGLGKTDLKLVTPAVTRGGITHIDDVGHGKVHDEEHH	
Hsapiens.NP 848621.2 mitochondrial coenzyme A tran	MGNGVKEGPVRLHEDAEAVLSSSVSS	
	MIEPARESGSSVAAIQDRTATLEQEEEIR	
Anlanci IOC110973531 graves disease carrier protei	——————————————————————————————————————	
Cintestinalis IOC100180500 graves disease carrier	——MAVPOONHKRGTDWSTI.————	
Lanatina XP 013414919 1 graves disease carrier pro		
Myessoensis XP 021350602 1 graves disease carrier	MENDLING I TANGGINA	
Bhelcheri IOC109481428 graves disease carrier prot		
Hsapiens.NP_689920.1_graves_disease_carrier_protei	MAAATAAAALAAADPPPAMPQAAGAG	
nsapiens.Nr_669920.i_graves_disease_carrier_protei		 080â
		I.DRDKDENTTESEWOT
Egranulosus.XP 024353854.1 Calciumbinding mitochon	DRIDGEKFLQIMLERQKELKLSFEEIDLNKDGVVDPIELAKAFSRLKIVLKKKDLMKIIEV	
	GHVNAKQFAHYVHEQDRRLSPIYAQMDRNMQGKVDLLDIQAYFIKLGIPIEPTEAKRLLRR	TDKNNNDCTEYEEWRK
Avaga ILTR13457 1 hypothetical protein T4H23 000471		
	SSLTFQQFADYVLKQEKKLSLVFRKVDASHQGKFDAEDLVFYFNKLGIKLDLQEAKKLVEK	
	SSLSFKQFTNYVLQQEKKLSLVFRKLDASNHGKFDAKDLVYYFRKLRIYLDLEEANKLVEK	MNODKSSEISYDEWRS
	STMTFNEFVDYVTDTETQLKLAFRQMDKNHDNVVDASEIRAAMLDLGVEIGQKEAEKLLRK	VDKDGSLSIDENEWRD
	THVYGYAFGHMHDNNLEHLPSQQV	
	GHITFKEFVRYLSEHEKELKLAFHKLDENRDGVIDSHEIQASFRKLGIHIDREEAMKLLHR	
	GKLDFEEFMKYLKDHEKKMKLAFKSLDKNNDGKIEASEIVQSLQTLGLTISEQQAELILQS	
	GQLDFEEFVHYLQDHEKKLRLVFKSLDKKNDGRIDAQEIMQSLRDLGVKISEQQAEKILKRIRTGHF	
	GGLDLEEFSRYLQEREQRLLLMFHSLDRNQDGHIDVSEIQQSFRALGISISLEQAEKILHS	
	GNVGFAEFLHYVREHEKNLVLQFSHLDKNRDGKVDLEELISAFKDLGLDIDMDEARNLLTR	
	GELDVAEFVRYLHEHEMKLKLMFKRLDRDKDGRLTSAEIEEALRSVGFDVSKDEAKEITRR	
	GQIDFAEFLKYVTVHDQQLRLYFKKIDTNQDGTIDASEIQESFRKLGLNIDRDEAEKLLSR	
	GHVDFAEFLQYVTEHEKQLKLVFKHIDHNQDGHLDVHEILASLRKLGVSVSEDEADRLMKRLKGCKGCEVPTHLEDD	
	EEIEFAEFVKYMSEHQRKLKLTFDKLDKNKDGRIDTEEIIEALRGLGV3V3EDEADKEMRKLKGCRGCEVFIHEEDD	
		GACKC-MDRDG1L1VDWDEWKE
Avaga ILTD35750 1 hypothetical partie IAVA2 000400		
Avaga.uukss/su.i_nypotneticai_protein_14U23_028499		
Aplanci IOC110004106 mito-berdeit		
Apranci.LUCIIU984196_mitochondrial_coenzyme_A_tran		
myessoensis.xr_uzi355166.1_mitochondrial_coenzyme_		
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran		
BDelCneri.LOC109468/3/_mitochondrial_coenzyme_A_tr		
Apianci.LOC110973531_graves_disease_carrier_protei		
Myessoensis.XP_021350602.1_graves_disease_carrier_		
BDelCneri.LOC109481428_graves_disease_carrier_prot		
1100	Dâ 1120â 1140â 1160â 1	180â

```
Avaga.UJR31415.1_hypothetical_protein_14U23_018908 FRFAP-----STELEASLRSWRRGVQVDTINE-QQMPNSYTEKERENGFY---ARHFIAGALSGMVSRTVTAPLDRLKIYMQAMG-
AVAGA_UNISTITS__NJPOLITETIAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_TOTAL_T
                                                                                                                                                                                                                                                                            ----RRYFAGFLAGCVSRTCTAPIDRLKVLRQAAT-PEIAGLNMYKS-
 Egranulosus.XP 024349898.1 Calciumbinding mitochon LLLSG-----KTQLHDIFHYWRRASAVDIGEL-VQVPDDYTEEEKKSGEA---WRTLLAGGIAGCVSRTATAPLDRIKTIYQARG-GRAASTGLVGS-
Hsapiens.NP_077008.2_calcium-binding_mitochondrial FLLHS------LENVEDVLYFWKHSTVLDIGEC-LTVPDEFSKQEKLTGMW---WRQLVAGAVAGAVSRTGTAPLDRLKVFMQVHA-SKTNRLNILGG--
Dmelanogaster.SCaMC_short_calciumbinding_mitochond MLLAP------STDIHDLIKFWRHSTYLDIGED-MNVPDDFTQKEMQTGLW---WRHLVAGGIAGAVSRTCTAPLDRLKVYLQV-----TQRMGISEC--
Cintestinalis.LoCl100186688_uncharacterized_protein HLHP------SADLKDIVSYWHATYIDIGES-LIVPDDFSEARKVSQGW---WRQLVAGGAGAVSVRTCTAPLDRLKKVMQVHA-TKSNQLGISSG--
Myessoensis.XP_021372793.1_calciumbinding_mitochon LLLSP------AQNIHDMLHYWRHASIIDIGEN-TIVPDDFTEKEMKTGMW---WRHLVAGGAAGAVSRTCTAPLDRLKVLQVHA-TSKNNYGVVNG--
 Aplanci.LOC110976327 calciumbinding mitochondrial LLLHP-----SDLRDIYTYWKHATFIDIGET-LSIPDEFSEDEKETGRW---WRILLAGGAAGAVSRTVTAPLDRLKVIFQVIG-SKKQNLSITSG--
1200â
                                                                                                                                                                                                                                    1240â
                                                                                                                                                        1220â 1240â 1260â 1280â
---ASTLYGEGGGGVKGIRSFWRGNGIAVFKMTPEMALRQSIFETFRELRGDYDEII-----VSPVTNKELFGLGCLSGFIAQTCIYPLEVLK
 Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 ---
Avaga.UNR25868.1_hypothetical_protein_I4U23_007218 ------YRYLIEEG-
Egranulosus.XP_024349898.1_Calciumbinding_mitochon ------FRMLKEG-
Hsapiens.NP_775908.2_mitochondrial_carrier_protein -------LQSMVQEG-
                                                                                                                                                                                               -GVOSLWRGNGINIVKIIPETALRFAFFEESKKLVKLIOGKD-----LNTETTIFERFISGAIAGFFSOTLIYPLDVLK
                                                                                                                                                                                               GIISMWRGNGVNCIKIAPEQAFRFQAYETYKRL---FFKKD-
GFRSLWRGNGINVLKIAPEYAIKFSVFEQCKNY---FCGIQ-
                                                                                                                                                                                                                                                                                                                    -GSTEPLSMPEKFTAGALAGATSQTLIYPMEVLK
----GSPPFQERLLAGSLAVAISQTLINPMEVLK
 Lanatina.XP_013394192.1_calciumbinding_mitochondri ------FKQLYREG-
                                                                                                                                                                                               -GARGLWRGNGINVLKIAPESAIKFMAYEQIKRS---FKDPY-
                                                                                                                                                                                                                                                                                                                           SGEIAPVHRFISGSLAGAVAQTIIYPMEVIK
 Hsapiens.NP 037518.3 calcium-binding mitochondrial ------FROMVKEG-
                                                                                                                                                                                               -GIRSLWRGNGTNVIKIAPETAVKFWAYEOYKKL---LTEEG-
                                                                                                                                                                                                                                                                                                                            -OKIGTFERFISGSMAGATAOTFIYPMEVMK
Hsapiens.NP_001317917.1_calcium-binding_mitochondr ------FTQMIREG-
Hsapiens.NP_077008.2_calcium-binding_mitochondrial -------LRSMVLEG-
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond --------MHIMLNEG-
                                                                                                                                                                                               -GARSLWRGNGINVLKIAPESAIKFMAYEQIKRL---VGSDQ--
                                                                                                                                                                                                                                                                                                                            ETI.RIHERI.VAGSI.AGATAOSSIYPMEVI.K
                                                                                                                                                                                               GARSLWRGNGINVLKIAPESAIKFMAYEQIKRA---ILGQQ-
-GSRSMWRGNGINVLKIAPETAFKFAAYEQMKRL---IRGDD-
                                                                                                                                                                                                                                                                                                                       ---ETLHVQERFVAGSLAGATAQTIIYPMEVLK
-GSRQMSIVERFYAGAAAGGISQTIIYPMEVLK
Cintestinalis.LOC100186688_uncharacterized_protein -----FNBMLKEG-Myessoensis.XP_021372793.1_calciumbinding_mitochon ------FREMLNEG-Aplanci.LOC110976327_calciumbinding_mitochondrial --------FQUMYREG-Bbelcheri.LOC109482499_calciumbinding_mitochondria -------FQUMYREG-
                                                                                                                                                                                               -GAKSLWRGNGINVIKIAPETAVKFYAYERMKKL---IGAQS-
                                                                                                                                                                                                                                                                                                                          -GGEIGAAEKFLAGSMAGVISQTSIYPMEVIK
                                                                                                                                                                                               -GVKSLWRGNGINVIKIAPETAIKFMAYEOIKTW---FRGED-
                                                                                                                                                                                                                                                                                                                ---PAKELHILERLCSGSLAGCISOTAIYPMEVLK
                                                                                                                                                                                                                                                                                                                           ARELMHHRFMAGSMAGVFSQTVIYPMEVLK
-QSLGVVERFCSGSLAGMISQTSIYPMEVLK
-GYLSAGGALMAGSLGGITATCIMYPTDMVK
                                                                                                                                                                                               GLMSMWRGNGINVLKIAPETALKFFAYEHLKKL--
GVKGLWRGNGMNVLKIAPESAIKFMAYERLKKL--
                                                                                                                                                                                                                                                                                             -LGTEG-
 Bbelcheri.LOC109467967_solute_carrier_family_25_me -----FSNLYKNE-
                                                                                                                                                                                               -GLRAFWKGNFLGCLRLFPYTAIQFSAYTKFRQL--
                                                                                                                                                                                                                                                                                            -FVDDM-
 Egranulosus.XP 024353850.1 Solute carrier family 2 -----LRHSYVTA-
                                                                                                                                                                                               -GVRSLWRGNSATLTRIFPYAAVOYGVHERAKHY--
                                                                                                                                                                                                                                                                                            -LGISDLTHHCLSKSOVOIRRFLAGCIAGGASVSFTYPLDLVR
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 ------LRKSYRKE-
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i -------LQNTYANE-
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran ------ILKVYHSE-
                                                                                                                                                                                               -GYNSJUKANNSAILARVIPSAALMYTHAEGWKYI--LGISJELIHALGSSZYQIKAELAGGISJAGYTSATITYPLDLAR
-GYLALWRGNSAIMARIVPYAAIQFTAHEGWRRI--LHVDK-----DGTNTKGRRFLAGSLAGUTSAGTITYPLDLAR
-GLVALWRGNSATMARIIPYAAIQYASHEQYKIL---LNPSK-----APSLQPFPRFLAGSLAGVTASTLTYPLDCVR
 Myessoensis.XP 021355166.1 mitochondrial coenzyme ------LCNTFKNE-
                                                                                                                                                                                               -GFLALWRGNSATMARIIPYAAIQYTAHEQYKRF---FMCNS-----KRKHLPPIKRFMVGSMAGVTASSLTYPLDLVR
Hapting XP_013386564.1_mitochondrial_coenzyme_A_t ------INTYKNE--
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran -------LYYTYLNE--
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr -------IFRTYKNE--
                                                                                                                                                                                               -GFFTLWRGNSATMARIIPYAAIOYAAHEOWKRL---LNPEN--NRSMPRSLPPGRRFVAGSLAGMTSVAATYPLDMVF
                                                                                                                                                                                               -GFFILMRONSAITMAITFIRANT[PIARLEW]MAITFIRANTEW]MAITFIRANTEW - WARE VASSIALAGTTAASLITYPLDLVR
-GFFSLWRGNSAITMARVIPYAAIQFSAHEQYKKM---FRASY----KKLKSPPPYTRFLAGSMAGVTASVCTYPLDMVR
-GVRGLYRGNGAMMVRTFPYGAIQFVTYDWFKKK-------TKQKLLSGSLAGVIAVLFTYPLDMVR
Aplanci.LOC110973531_graves_disease_carrier_protei -------Cintestinalis.LOC100180500_graves_disease_carrier_protei
                                                                                                                                                             -LAKVVEHE
Cintestinalis.LoC100180500_graves_disease_carrier_ ------VLAIIRRE-
Lanatina.XP_013414919.1_graves_disease_carrier_pro -------LKHVIDRE-
Myessoensis.XP_02135602.1_graves_disease_carrier_ -------LRGVKNKE-
Bbelcheri.LoC109481428_graves_disease_carrier_prot ---------LEAIWRRE-
                                                                                                                                                                                               -GVMSLWKGTTMMMIRIFPYSAVOFYSFKOYKSF---YEPLI-----G-NDHIAKILSGSSAGVTSVMCTYPLDMVR
                                                                                                                                                                                               Hsapiens.NP_689920.1_graves_disease_carrier_protei -------LRAVPQKE-----GFLGLYKGNGAMMIRIFPYGAIQFMAFEHYKTL---ITTKL------GISGHVHRLMAGSMAGMTAVICTYPLDMVR
                                                                                                                                                                                1320A 1340A 1360A 1380A 1360A 1380A 
                                                                                                                           1300â
Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 TQAA--MRTTGQ-
Egranulosus.XP_024353854.1_Calciumbinding_mitochon TRMA--LRKTDD-
Egranulosus.XP_024348887.1_Calciumbinding_mitochon TRMC--LRKTGQ-
                                                                                                                                                                              Avaga.UJR13457.1_hypothetical_protein_I4U23_000471 TRLT--IRKTNE
Avaga.UJR23030.1_hypothetical_protein_14U23_026056 VRFC--LRRTGE-
Avaga.UJR25868.1_hypothetical_protein_14U23_007218 VRLC--LRRTGE-
Egranulosus.XP_024349898.1_Calciumbinding_mitochon TRMC--LRKTGQ-
Hsapiens.NP_775908.2 mitochondrial_carrier_protein TRLT--LRRTGG-
Lanatina.KP_013394192.1_calciumbinding_mitochondri TRLA--LGRTGE-
Hsapiens.NP_037518.3_calcium-binding_mitochondrial TRLA--VGKTGQ-
Hsapiens.NP_001317917.1_calcium-binding_mitochondr TRMA--LRKTGQ-
 Hsapiens.NP_077008.2_calcium-binding_mitochondrial_TRLT--LRRTGQ
msaplens.NP_U//U08.2_datclumbinding_mitochondTrial Intl-Lakrigo_
Dmelanogaster.SCaMC_short_Galciumbinding_mitochond TRLA--LRRTGO_
Cintestinalis.LOC100186688_uncharacterized_protein TRLA--LRKTGO_
Myessoensis.XP_021372793.1_calciumbinding_mitochondrial_ TRLA--LRKTGO_
Aplanci.LOC110976327_calciumbinding_mitochondrial_ TRLA--IRKTGO_
Bbelcheri.LOC109482499_calciumbinding_mitochondria TRLA--IRKTGO_
                                                                                                                                                                                YAGIADAAVKIYKOE-GVRSFYRGYVPNILGILPYAGIDLAVYETLKRRYIANHD------N----N-----N-----N-
                                                                                                                                                                                YSGIFDCAFKVLRNE-GPKAFFKGYIPNCLGIIPYAGIDLCIYETLKNYWIKTYGA-----E-----
                                                                                                                                                                               -BOILD USER V LANG-GEREF ROLLEGIF ENGIDLE LENGTHEIL LANGTHEIL GREEKE STEEL LANGTHEIL L
                                                                                                                                                                               -YSGMWDCAVKIYQRE-GLRAFYKGYIPNILGVLPYAGIDLCIYETLKIMWVQHSERWLRRNEPQETDDDEKEDGTLKNMYLAKN
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran ARMA--VTNRQS---
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_ ARMA--VTAKDR---
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t ARMA--VTLKCR---
                                                                                                                                                                               Aplanci. LOC109736:37_mitroclinidata_Comizyme_a_transa---rashebcrantinger-guillager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-filestrilager-fi
 Hsapiens.NP_689920.1_graves_disease_carrier_protei VRLA--FQVKGEHS--YTGIIHAFKTIYAKEGGFFGFYRGLMPTILGMAPYAGVSFFTFGTLKSVGLSHAPTLLGRP-
1400â 1440â 1460â 14
```

Avaga.UJR31415.1_hypothetical_protein_I4U23_018908	LEEPSIATLTMISNVSALAAMYASY	PLYLIRTROOYQIV	P	-ENMFEMMGKIWRIDGW-RGFYFGSIPN
Egranulosus.XP_024353854.1_Calciumbinding_mitochon				
Egranulosus.XP_024348887.1_Calciumbinding_mitochon				
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471				
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056				
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218				
Egranulosus.XP_024349898.1_Calciumbinding_mitochon	LTGPPVYVSLTAGACSSVCGQVATY	PLALIKTKLQAESE	K	-ISLEKLFQRIIKTEGI-MGMYRGMGAN
Hsapiens.NP_775908.2_mitochondrial_carrier_protein	MGDPSGLVSLSSVTLSTTCGQMASY	PLTLVRTRMQAQDT	VEGSN	-PTMRGVLQRILAQQGW-LGLYRGMTPT
Lanatina.XP_013394192.1_calciumbinding_mitochondri	HQDPSIIFLLFCGATSCSFGQLCTY	PLALIRTKLQAKGK	LGGKK	-DSWIGLGRTIVKEEGF-LGLYRGIIPN
Hsapiens.NP_037518.3_calcium-binding_mitochondrial				
Hsapiens.NP_001317917.1_calcium-binding_mitochondr	SADPGVFVLLACGTMSSTCGQLASY	PLALVRTRMQAQAS	IEGAPE	-VTMSSLFKHILRTEGA-FGLYRGLAPN
Hsapiens.NP_077008.2_calcium-binding_mitochondrial				
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond				
Cintestinalis.LOC100186688_uncharacterized_protein	KEKPSVLLLLACGTTSSTCGQLASY	PLALVRTKMQAQAS	LPNHDKNQ	KTSMVSLFRSIVQTDGV-FGLYRGLAPN
Myessoensis.XP_021372793.1_calciumbinding_mitochon	GQDPGILALLGCGTISSTCGQLSSY	PLALIRTKLQAQGA	KGQ	-DTLRTMFTKIVKQDGF-FGLYRGLAPN
Aplanci.LOC110976327_calciumbinding_mitochondrial_				
Bbelcheri.LOC109482499_calciumbinding_mitochondria	KNQPNPGVMVLLACGTISSTCGQLASY	PLALIRTRLQAQTT	PIPGR	-DTMVGLFQGILKDEGL-RGLYRGIAPN
Bbelcheri.LOC109467967_solute_carrier_family_25_me	SSHLTPLANFINGCIAAAFAQTFSY	PFDTIRKKLQAYST	VLPNRGGVDVEF	-TGMVDAFIQTYKHGGM-QGLWRGTTAN
Egranulosus.XP_024353850.1_Solute_carrier_family_2	GRSPRSLRPLENLSCGAFAGVLGQTASY	PLDIVRRRMQTAGV	TGHPE-YT	-RSILGTMQIVYQQEGLLHGLYKGVTMN
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499	SHRPINKKERLLYGSVAGLVGQTVSY	PFDVIRRRLQTAAV	IRPNE-TS	-LGALATARKIIREEGIRRGLYKGVTMN
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i	NNKPNTLVSLAFGAAAGAAGQTASY	PLDIVRRRMQTMRV	NTAGGD-RY	-PTILETLVKIYREEGVKNGFYKGLSMN
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran	KSHPSSPQNMAFGAVAGLVGQSASY	PLDVVRRRMQTAGL	TKYTY	-DTIINTARDIYHEGGVVRGLYKGLSMN
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_	GKDLTLGERLCFGACAGLLSQSASY	PLDIIRRRMQTAGV	TGHSN-DY	-RSVTETFKRVVKEEGFRRGLYKGLSIN
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t	GKDPSAYQRLCFGALAGLCGQSASY	PLDIVRRRMQTAGV	TGKSS-EY	-TGIIRTMRKVVQAEGVIGGLYKGLSMN
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran	RRQPYPFERMIFGACAGLIGQSASY	PLDVVRRRMQTAGV	TGYPR	-ASIARTLRTIVREEGAVRGLYKGLSMN
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr	GKEPNPIQRLIFGMLAGLFGQSASY	PLDVIRRRMQTEGV	TGNPC	-SSILGTARMIIKEEGVRRGLYKGLSMN
Aplanci.LOC110973531_graves_disease_carrier_protei	PANLQERVLTAQANLFIGGFAGAFAQTIVY	PLDVGRRLMQLGAM	VPNAN-PS	-SSCLETLVLVYTERGT-QGLFRGVSIN
Cintestinalis.LOC100180500_graves_disease_carrier_	NFSPETRVLKPWVSLLCGGFAGAISQTVSF	PLDVARRRMQLAHV	LPDSH-KF	-KGIWSTLATVYQENGVRRGLYRGLSIN
Lanatina.XP_013414919.1_graves_disease_carrier_pro	KGNPVLKIWARTLCGGLAGALAQTATY	PLDVTRRRMQVATM	LPEGH-KF	-RTLRQTFKTIWVEDGLRNGLFRGLTIN
Myessoensis.XP_021350602.1_graves_disease_carrier_				
Bbelcheri.LOC109481428_graves_disease_carrier_prot				
Hsapiens.NP_689920.1_graves_disease_carrier_protei				-LTMRDTMKYVYGHHGIRKGLYRGLSLN
150		1540â	1560â	1580â
Avaga.UJR31415.1_hypothetical_protein_I4U23_018908				
Egranulosus.XP_024353854.1_Calciumbinding_mitochon				
Egranulosus.XP_024348887.1_Calciumbinding_mitochon	LVKVLPATAISMLTYETIRREIKWTKDTHEEA	DLGKENILRKSSRFLVLE	EKRPCSVSSPHDVLVELAIVANK	DAVPPNFTLIDRTLDTRERCFKGKYLCA
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471				
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056				
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218	MLKVVPAVSMSYLVYETTIKAL			
Egranulosus.XP_024349898.1_Calciumbinding_mitochon	MLKVIPAVSISYACYEKARALL			
Hsapiens.NP_775908.2_mitochondrial_carrier_protein	LLKVLPAGGISYVVYEAMKKTL			
Lanatina.XP_013394192.1_calciumbinding_mitochondri	FAKVLPAVSISYVTYEHVRKLL			
Hsapiens.NP_037518.3_calcium-binding_mitochondrial				
Hsapiens.NP_001317917.1_calcium-binding_mitochondr				
Hsapiens.NP_077008.2_calcium-binding_mitochondrial				
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond				
Cintestinalis.LOC100186688_uncharacterized_protein				
Myessoensis.XP_021372793.1_calciumbinding_mitochon				
Aplanci.LOC110976327_calciumbinding_mitochondrial_				
Bbelcheri.LOC109482499_calciumbinding_mitochondria				
Bbelcheri.LOC109467967_solute_carrier_family_25_me				
Egranulosus.XP_024353850.1_Solute_carrier_family_2				
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499				
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i				
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran				
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_				
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t				
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran				
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr				
Aplanci.LOC110973531_graves_disease_carrier_protei				
Cintestinalis.LOC100180500_graves_disease_carrier_				
Lanatina.XP_013414919.1_graves_disease_carrier_pro				
Myessoensis.XP_021350602.1_graves_disease_carrier_				
Bbelcheri.LOC109481428_graves_disease_carrier_prot				
Hsapiens.NP_689920.1_graves_disease_carrier_protei		16408		
160			16609	16809
Avada ILTR31415 1 hypothetical protein T4II23 018908			1660â	1680â
Avaga.UJR31415.1_hypothetical_protein_I4U23_018908			1660â	1680â
Egranulosus.XP_024353854.1_Calciumbinding_mitochon		ELSEORVLACVLSALGNS	1660â	1680â
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC	ELSEQRVLACVLSALGNS	1660â SPTSKKKAPVLPSEVPRKPVIYN	1680â PMSGVPFELTRDCRVGDSDDIMSRYSVH
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC	ELSEQRVLACVLSALGNS	1660â	1680â  PMSGVPFELTRDCRVGDSDDIMSRYSVH
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_026056	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVG	ELSEQRVLACVLSALGNS	1660à SPTSKKKAPVLPSEVPRKPVIYN	1680â
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_026056 Avaga.UJR25868.1_hypothetical_protein_14U23_07218 Egranulosus.XP_02434998.1_Calciumbinding_mitochon	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC	ELSEQRVLACVLSALGNS	1660à SPTSKKKAPVLPSEVPRKPVIYN	1680â  PMSGVPFELTRDCRVGDSDDIMSRYSVH
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_026056 Avaga.UJR25868.1_hypothetical_protein_14U23_07218 Egranulosus.XP_02434998.1_Calciumbinding_mitochon	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC	ELSEQRVLACVLSALGNS	1660å	1680â
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Avaga.UJR25686.1_hypothetical_protein_14U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_75098.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR25868.1_hypothetical_protein_14U23_007218 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_075908.2_mitochondrial_carrier_protein Lanatina. XP_0133394192.1_calciumbinding_mitochondrial Hsapiens. NP_037518.3_calcium-binding_mitochondrial Hsapiens. NP_037518.3_calcium-binding_mitochondrial	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_0026056 Avaga.UJR256861.hypothetical_protein_14U23_007218 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_775908.2_mitochondrial_carrier_protein Lanatina. XP_013394192.1_calciumbinding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_007218 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_075908.2_mitochondrial_carrier_protein Lanatina. XP_013394192.1_calciumbinding_mitochondrial than the control of the control	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_007218 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_075908.2_mitochondrial_carrier_protein_Lanatina. XP_013394192.1_calciumbinding_mitochondri Hsapiens. NP_037518.3_calcium-binding_mitochondri Hsapiens. NP_031317917.1_calcium-binding_mitochondri Hsapiens. NP_07008.2_calcium-binding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_007218 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_075908.2_mitochondrial_carrier_protein Lanatina. XP_013394192.1_calciumbinding_mitochondrial than the control of the control	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_007218 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_075908.2_mitochondrial_carrier_protein_Lanatina. XP_013394192.1_calciumbinding_mitochondri Hsapiens. NP_037518.3_calcium-binding_mitochondri Hsapiens. NP_031317917.1_calcium-binding_mitochondri Hsapiens. NP_07008.2_calcium-binding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri Dmelanogaster. SCaMC_short_Calciumbinding_mitochondri	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_0026056 Avaga.UJR256861.hypothetical_protein_14U23_007218 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_775908.2_mitochondrial_carrier_protein Lanatina. XP_013394192.1_calciumbinding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein Myessoensis. XP_021372793.1_calciumbinding_mitochond Aplanci.LOC110976327 calciumbinding_mitochondrian	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_00018 Avaga.UJR23030.1_hypothetical_protein_14U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochond Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_01379119.1_calcium-binding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondrial_Hsapiens.NP_0713191717.1_calcium-binding_mitochondrial_bmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrhypessoensis.XP_021372793.1_calciumbinding_mitochondrial_bbelcheri.LOC1019482499 calciumbinding_mitochondrial_bbelcheri.LOC1019482499 calciumbinding_mitochondrial_	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024384887.1_Calciumbinding_mitochon Egranulosus.XP_024384887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein_Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondri Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Displaysestr.ScaMc_sobrt_Calcium-binding_mitochondrial Displaysestr.ScaMc_sobrt_Calciumbinding_mitochondrial Calciumbinding_mitochondrial Displaysessensis.XP_021372793.1_calciumbinding_mitochondrial_Belacheri.LOC109462499_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC1094627967 solute carrier_family 25 me	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000181 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_0731518.3_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Dumelanogaster.ScaMC_short_Calciumbinding_mitochond Cintestinalis.LOC101086688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrial_belcheri.LOC109482499_calciumbinding_mitochondrial_bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_02435350.1 Solute_carrier_family_25_me Egranulosus.XP_02435350.1 Solute_carrier_family_25_me	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_00018 Avaga.UJR23030.1_hypothetical_protein_14U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochond Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_037518.3_calcium-binding_mitochondri Hsapiens.NP_037518.3_calcium-binding_mitochondrial_Hsapiens.NP_07131917.1_calciumbinding_mitochondrial_beapiens.NP_077008.2_calcium-binding_mitochondrial_Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrintestinalis.LoC1010186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrial_belcheri.LoC10946499_calciumbinding_mitochondrial_Bbelcheri.LoC1094649967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_2012_0324990.	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349898.1_Calciumbinding_mitochond Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lenatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Dmelanogaster.ScaMc_short_Calcium-binding_mitochondrial Dmelanogaster.ScaMc_short_Calciumbinding_mitochondrial Colciumbinding_mitochondrial Dmelanogaster.ScaMc_alciumbinding_mitochondrial_Bbelcheri.LOC10946272_alciumbinding_mitochondrial_Bbelcheri.LOC10946272_alciumbinding_mitochondrial_Bbelcheri.LOC109462767_solute_carrier_family_25_megranulosus.XP_024353850.1_Solute_carrier_family_28_avaga.UJR35750.1_hypothetical_protein_14U23_028499_melanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000189 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_07598.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondri Hsapiens.NP_07137917.1_calcium-binding_mitochondri Hsapiens.NP_071717.1_calcium-binding_mitochondri Hsapiens.NP_071717.1_calcium-binding_mitochondri Hsapiens.NP_071818.3_calcium-binding_mitochondri Hsapiens.NP_071818.1_calcium-binding_mitochondri Cintestinalis.LOC101086688_uncharacterized_protein_Myessoensis.XP_021372793.1_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Branulosus.XP_024353550.1_Solute_carrier_family_25_me_Branulosus.XP_024353550.1_Solute_carrier_family_25_me_Branulosus.XP_0243556.1_Solute_carrier_family_25_me_Branulosus.XP_0243566.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_carrier_family_25_me_Branulosus.XP_024356.0_Solute_Carrier_family_25_me_Branulosus.XP_024356.0_Solute_Carrier_family_25_me_Branulosus.XP_024356.0_Solute_Carrier_family_25_me_Branulosus.XP_024356.0_Solute_Carrier_family_25_me_Branulosus.XP_024356.0_Solute_Carrier_family_25_me_Branulosus.XP_024356.0_Solute_Carrier_family_25	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000218 Avaga.UJR25668.1_hypothetical_protein_14U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochondring	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_0243538541_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_000247 Avaga.UJR25686.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349998.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Dumelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dumelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dumelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dumelanogaster.SCaMC_short_Calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_02435560.1_mitochondrial_coenzyme_Larrier_iaplanci.LOC110984196_mitochondrial_coenzyme_A_carrier_iaplancis.LOC10946746_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzym	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_00018 Avaga.UJR23030.1_hypothetical_protein_14U23_00018 Egranulosus.XP_024349898.1_Calciumbinding_mitochond Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondri Hsapiens.NP_07137917.1_calcium-binding_mitochondri Hsapiens.NP_0717008.2_calcium-binding_mitochondri Hsapiens.NP_077008.2_calcium-binding_mitochondri Impact	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_000248 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus. XP_024349898.1_Calciumbinding_mitochondrisapiens. NP_075908.2_mitochondrial_carrier_protein_Lanatina. XP_013394192.1_calciumbinding_mitochondril Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Hsapiens. NP_001317917.1_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial_Dscaper.Scaper_2-alciumbinding_mitochondrial_Bbelcheri.LOC10946272_alciumbinding_mitochondrial_Bbelcheri.LOC10946272_alciumbinding_mitochondrial_Bbelcheri.LOC10946272_alciumbinding_mitochondrial_Bbelcheri.LOC109462767_solute_carrier_family_2_Swaga.UJR35750.1_hypothetical_protein_14U23_028499_melanogaster.DPCOAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran_bwgssoensis.XP_0213385661.1_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10946737_mitochondrial_coenzyme_A_tran_Bran_Bran_Bran_Bran_Bran_Bran_Bran_B	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_000248 Egranulosus. XP_024349898.1_Calciumbinding_mitochon Hsapiens. NP_075908.2_mitochondrial_carrier_protein_Lanatina. XP_013394192.1_calciumbinding_mitochondrial_bapiens. NP_07518.3_calcium-binding_mitochondrial_Hsapiens. NP_001317917.1_calcium-binding_mitochondrial_Hsapiens. NP_001317917.1_calcium-binding_mitochondrial_bapiens. NP_001317917.1_calcium-binding_mitochondrial_Dmelanogaster. SCaMC_short_Calcium-binding_mitochondrial_bmelanogaster. SCaMC_short_Calciumbinding_mitochond. Aplanci.LOC110976327_calciumbinding_mitochondrial_bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Branulosus.XP_024353550.1_Solute_carrier_family_25_me_Branulosus.XP_02435566.1_mitochondrial_coenzyme_A_tranybessoensis.XP_03135566.1_mitochondrial_coenzyme_A_tranybessoensis.XP_03135566.1_mitochondrial_coenzyme_A_tranbelacheri.LOC109468737_mitochondrial_coenzyme_A_tranbelacheri.LOC109785313_graves_disease_carrier_protein_planein_coenzyme_A_tranglacheri.LOC1010978513_graves_disease_carrier_protein_carrier_protein_carrier_protein_protein_protein_protein_carrier_	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000181 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349898.1_Calciumbinding_mitochond Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondri Hsapiens.NP_071391197.1_calcium-binding_mitochondri Hsapiens.NP_071308.2_calcium-binding_mitochondri Hsapiens.NP_077008.2_calcium-binding_mitochondri United States	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_024353854.1_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_0001871 Avaga.UJR23030.1_hypothetical_protein_14U23_000181 Begranulosus. XP_024349898.1_Calciumbinding_mitochond Hsapiens. NP_075908.2_mitochondrial_carrier_protein_Lanatina. XP_013394192.1_calciumbinding_mitochondrial_Bapiens. NP_001317917.1_calcium-binding_mitochondrial_Bapiens. NP_001317917.1_calcium-binding_mitochondrial_Bapiens. NP_001317917.1_calcium-binding_mitochondrial_Bapiens. NP_001317917.1_calcium-binding_mitochondrial_Bapiens. NP_001317917.1_calcium-binding_mitochondrial_Boulders.ScaMC_short_Calciumbinding_mitochondrial_Dealcongster.ScaMC_short_Calciumbinding_mitochondrial_belcheri.LOC10946272_calciumbinding_mitochondrial_belcheri.LOC10946272_calciumbinding_mitochondrial_belcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353850.1_Solute_carrier_family_25_me_Egranulosus.XP_024553850.1_Solute_carrier_family_25_me_Egranulosus.XP_024553850.1_Solute_carrier_family_25_me_Egranulosus.XP_024553850.1_Solute_carrier_family_25_me_Egranulosus.XP_024553850.1_Solute_carrier_family_25_me_Egranulosus.XP_024553850.1_Solute_carrier_family_25_me_Egranulosus.XP_024553850.1_Solute_carrier_family_25_me_Egranulosus.XP_024553850.1_Solute_carrier_family_25_me_Egranulosus.XP_021355166.1_mitochondrial_coenzyme_A_tran_byessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran_belcheri.LOC10946873_mitochondrial_coenzyme_A_tran_belcheri.LOC10946373_mitochondrial_coenzyme_A_tran_belcheri.LOC10946373_mitochondrial_coenzyme_A_tran_belcheri.LOC1094537_mitochondrial_coenzyme_A_tran_belcheri.LOC10946373_mitochondrial_coenzyme_A_tran_belcheri.LOC10946373_mitochondrial_coenzyme_A_tran_belcheri.LOC10946373_mitochondrial_coenzyme_A_tran_belcheri.LOC109405000_grawes_disease_carrier_protei_Lonatina.XP_013341919.1_graves_disease_carrier_protei_Lonatina.XP_013419191.1_graves_disease_carrier_protei_Lonatina.XP_0134191919.1_graves_di	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_000248 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondri Hsapiens.NP_07518.3_calcium-binding_mitochondri Hsapiens.NP_0717008.2_calcium-binding_mitochondri Hsapiens.NP_077908.2_calcium-binding_mitochondri Cintestinalis.LOC101086688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochond Cintestinalis.LOC101086688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrial_belcheri.LOC109467967_solute_carrier_family_25_me_granulosus.XP_024353850.1_Solute_carrier_family_25_me_granulosus.XP_024353850.1_Solute_carrier_family_26_me_granulosus.XP_024353850.1_Solute_carrier_family_2028499_melanogaster.PPCoAC_dephosphocoenzyme_A_tranglanci.LOC10984196_mitochondrial_coenzyme_A_tranglanci.LOC10946873_mitochondrial_coenzyme_A_tranglanci.LOC1094673_mitochondrial_coenzyme_A_tranglanci.LOC1094673_mitochondrial_coenzyme_A_tranglanci.LOC1094673_mitochondrial_coenzyme_A_tranglanci.LOC109456873_mitochondrial_coenzyme_A_tranglanci.LOC109459673_mitochondrial_coenzyme_A_tranglanci.LOC109459673_mitochondrial_coenzyme_A_tranglanci.LOC109459673_mitochondrial_coenzyme_A_tranglanci.LOC109459673_mitochondrial_coenzyme_A_tranglanci.LOC109459673_mitochondrial_coenzyme_A_tranglanci.LOC109456873_mitochondrial_coenzyme_A_tranglanci.LOC109456850621.1_graves_disease_carrier_protein_tama.XP_013414919.1_graves_disease_carrier_protein_tama.XP_013414919.1_graves_disease_carrier_protein_tama_tama_tama_tama_tama_tama_tama_tam	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_000248 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondcintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_225_meEgranulosus.XP_024353850.1_Solute_carrier_family_228499_calciumbinding_mitochondrial_belocheri.LOC109467967_solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_protein_Atran_Bbelcheri.LOC10946373_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10943531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus. XP_0243538541_Calciumbinding_mitochon Egranulosus. XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_000248 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus. XP_024349598.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Bbelcheri.LOC109482499_calciumbinding_mitochondrial Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353550.1_Solute_carrier_family_25_me_Egranulosus.XP_024353650.1_Solute_carrier_family_25_me_Egranulosus.XP_024353650.1_Solute_carrier_family_25_me_Egranulosus.XP_024353650.1_Solute_carrier_family_25_me_Egranulosus.XP_02355662.1_mitochondrial_coenzyme_A_tranulosus.XP_03365646.1_mitochondrial_coenzyme_A_tranulosus.XP_03365646.1_mitochondrial_coenzyme_A_tranulosus.XP_03365646.1_mitochondrial_coenzyme_A_tranulosus.XP_0336561561.1_mitochondrial_coenzyme_A_tranulosus.XP_0336561561.1_mitochondrial_coenzyme_A_tranulosus.XP_0336561561.1_mitochondrial_coenzyme_A_tranulosus.XP_0336602.1_graves_disease_carrier_protein_Losus.XP_03136602.1_graves_disease_carrier_protein_Losus.XP_03136602.1_graves_disease_carrier_protein_Losus.XP_03136002.1_graves_disease_carrier_protein_Losus.XP_03136602.1_graves_disease_carrier_protein_Losus.XP_03136602.1_graves_disease_carrie	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			
Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_14U23_000471 Avaga.UJR23030.1_hypothetical_protein_14U23_000248 Avaga.UJR23030.1_hypothetical_protein_14U23_007248 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondcintestinalis.LOC100186688_uncharacterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_225_meEgranulosus.XP_024353850.1_Solute_carrier_family_228499_calciumbinding_mitochondrial_belocheri.LOC109467967_solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_family_25_meEgranulosus.XP_024353850.1_Solute_carrier_protein_Atran_Bbelcheri.LOC10946373_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC10943531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531_graves_disease_carrier_protein_CintestinalXP_013531	KYDAWKPSMTAITDVVVFKNPRDALKGHTLVC			

Avaga.UJR31415.1_hypothetical_protein_I4U23_018908					
Egranulosus.XP_024353854.1_Calciumbinding_mitochon					
Egranulosus.XP_024353854.1_Calciumbinding_mitochon					7UT17DT T VDVT
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471					AUIAEPPKKIII
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056					
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218					
Egranulosus.XP_024349898.1_Calciumbinding_mitochon					
Hsapiens.NP_775908.2_mitochondrial_carrier_protein					
Lanatina.XP_013394192.1_calciumbinding_mitochondri					
Hsapiens.NP_037518.3_calcium-binding_mitochondrial					
Hsapiens.NP_001317917.1_calcium-binding_mitochondr					
Hsapiens.NP_077008.2_calcium-binding_mitochondrial					
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond					
Cintestinalis.LOC100186688_uncharacterized_protein					
Cintestinalis.LOC100186688_uncharacterized_protein					
Myessoensis.XP_021372793.1_calciumbinding_mitochon					
Aplanci.LOC110976327_calciumbinding_mitochondrial_					
Bbelcheri.LOC109482499_calciumbinding_mitochondria					
Bbelcheri.LOC109467967_solute_carrier_family_25_me					
Egranulosus.XP_024353850.1_Solute_carrier_family_2					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499					
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i					
${\tt Aplanci.LOC110984196\_mitochondrial\_coenzyme\_A\_tran}$					
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_					
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t					
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran					
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr					
Aplanci.LOC110973531_graves_disease_carrier_protei					
Cintestinalis.LOC100180500_graves_disease_carrier_					
Lanatina.XP_013414919.1_graves_disease_carrier_pro					
Myessoensis.XP 021350602.1 graves disease carrier					
Bbelcheri.LOC109481428 graves disease carrier prot					
Hsapiens.NP_689920.1_graves_disease_carrier_protei					
1800		1840â	1860â	1880â	
Avaga.UJR31415.1_hypothetical_protein_I4U23_018908					
Egranulosus.XP_024353854.1_Calciumbinding_mitochon					
Egranulosus.XP_024348887.1_Calciumbinding_mitochon					RIDELGTPLDE
Avaga ILTR13457 1 hypothetical protein T4H23 000471					
Avaga.UJR13457.lpypothetical_protein_I4U23_000471 Avaga.UJR23030.l_hypothetical_protein_I4U23_026056 Avaga.UJR25868.l_hypothetical_protein_I4U23_007218					
Avaga ULTP25868 1 hypothetical protein IAU23 007218					
Egranulosus.XP_024349898.1_Calciumbinding_mitochon					
Hsapiens.NP_775908.2_mitochondrial_carrier_protein					
Lanatina.XP_013394192.1_calciumbinding_mitochondri					
Hsapiens.NP_037518.3_calcium-binding_mitochondrial					
Hsapiens.NP_001317917.1_calcium-binding_mitochondr					
Hsapiens.NP_077008.2_calcium-binding_mitochondrial					
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond					
Cintestinalis.LOC100186688_uncharacterized_protein					
Cintestinalis.LOCIUU186688_uncharacterized_protein					
Myessoensis.XP_021372793.1_calciumbinding_mitochon					
Aplanci.LOC110976327_calciumbinding_mitochondrial_					
Bbelcheri.LOC109482499_calciumbinding_mitochondria					
Bbelcheri.LOC109467967_solute_carrier_family_25_me					
Egranulosus.XP_024353850.1_Solute_carrier_family_2					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499					
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i					
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran					
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_					
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t					
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran					
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr					
Aplanci.LOC110973531_graves_disease_carrier_protei					
Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_pro					
Lanatina.XP_013414919.1_graves_disease_carrier_pro					
Myessoensis.XP_021350602.1_graves_disease_carrier_ Bbelcheri.LOC109481428_graves_disease_carrier_prot					
Bbelcheri.LOC109481428_graves_disease_carrier_prot					
${\tt Hsapiens.NP\_689920.1\_graves\_disease\_carrier\_protei}$					
1900		1940â	1960â	1980â	_
Avaga.UJR31415.1_hypothetical_protein_I4U23_018908					DIDD
Egranulosus.XP_024353854.1_Calciumbinding_mitochon					GLPTLGS
Egranulosus.XP_024348887.1_Calciumbinding_mitochon	AEASTIPKPKLVNSNGKRGPLTQREME:	SPSPSSHLKLQILQRRMEILSF	MIRQLEEAEMDVTELGQEE	SAYLRLDSLKREHLALWRQFO	CKLRGISRHAG
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471					GAKAL
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056					s
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218					STEKQ
${\tt Egranulosus.XP\_024349898.1\_Calciumbinding\_mitochon}$					GI
${\tt Hsapiens.NP\_775908.2\_mitochondrial\_carrier\_protein}$					
Lanatina.XP_013394192.1_calciumbinding_mitochondri					
Hsapiens.NP_037518.3_calcium-binding_mitochondrial					
${\tt Hsapiens.NP\_001317917.1\_calcium-binding\_mitochondr}$					
Hsapiens.NP_077008.2_calcium-binding_mitochondrial					
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond					
${\tt Cintestinalis.LOC100186688\_uncharacterized\_protein}$					GVYR
Myessoensis.XP_021372793.1_calciumbinding_mitochon					GVKSG
Myessoensis.XP_021372793.1_calciumbinding_mitochon Aplanci.LOC110976327_calciumbinding_mitochondrial_					GVKSG
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondria					GVKSG GVNK GVNSK
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondriaBbelcheri.LOC109467967_solute_carrier_family_25_me				FTVSPWSD\	GVKSG GVNK GVNSK VPKPGIDQTLTI
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.l_Solute_carrier_family_2				FTVSPWSD\	GVKSG GVNK GVNSK /PKPGIDQTLTI FEKRGTNLCAYI
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondriaBbelcheri.LOC109467967_solute_carrier_family_25_me				FTVSPWSD\	GVKSG GVNK GVNSK /PKPGIDQTLTI FEKRGTNLCAYI
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353850.1_Solute_carrier_family_2_2 Avaga.UUR35750.1_hypothetical_protein_I4U23_028499_Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i				FTVSPWSD\ALWVGQ!	GVKSGGVNKGVNSK VPKPGIDQTLTI FEKRGTNLCAYIRRSPFFS( FELANLRRVEK
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_2 Avaga.UUR35750.1_bypothetical_protein_I4U23_02849				FTVSPWSD\ALWVGQ!	GVKSGGVNKGVNSK VPKPGIDQTLTI FEKRGTNLCAYIRRSPFFS( FELANLRRVEK
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353850.1_Solute_carrier_family_2_2 Avaga.UUR35750.1_hypothetical_protein_I4U23_028499_Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i				FTVSPWSD\ALWVGQ	GVKSGGVNKGVNSK VPKPGIDQTLTI FEKRGTNLCAYIRRSPFFS( FELANLRRVEK:QRTVLHDI
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.KP_024353850.l_Solute_carrier_family_2 Avaga.UNR35750.l_hypothetical_protein_14023_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.l_mitochondrial_coenzyme_				FTVSPWSDI ALWVGQ1	GVKSGGVNK VPKPGIDQTLTI FEKRGTNLCADRSPFFS FELANLRRVEKQRTVLHDI RKMFHIDELDGI
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353850.1_Solute_carrier_family_2_Avaga.UJR35750.1_hypothetical_protein_I4U23_028499_melanogaster.DPCoAC_dephosphocoenzyme_A_carrier_iAplanci.LOC110984196_mitochondrial_coenzyme_A_tran_Myessoensis.XP_021355166.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t				FTVSPWSD\	GVKSGGVNKGVNSKVPKPGIDQTLTI TEKRGTNLCAYIRRSPFFSG TELANLRRVEKQRTVLHDI RKMFHIDELDGI
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.XP_024353850.1_Solute_carrier_family_2 Avaga.UJR33750.1_hypothetical_protein_I4U23_028499_Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran					GVKSGGVNKGVNSK VPKPGIDQTLTI FEKRGTNLCAYIRRSPFFS( FELANLRRVEKQRTVLHDI RKMFHIDELDGIRSLSIFQD:RHLQS
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrialBbelcheri.LOC109482499_calciumbinding_mitochondriaBbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.KP_024353850.l_Solute_carrier_family_2_Avaga.UM33750.l_hypothetical_protein_I4U23_028499_Dmelanogaster.DPCOAC_dephosphocoenzyme_A_carrier_iAplanci.LOC110984196_mitochondrial_coenzyme_A_tran_Wyessoensis.KP_021355166.l_mitochondrial_coenzyme_Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_coenzyme				FTVSPWSDI ALWVGQ1	
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondrial_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.KP_024353850.1_Solute_carrier_family_22_Avaga.UJR35750.1_hypothetical_protein_I4U23_028499_melanogaster.DPCoAC_dephosphocoenzyme_A_carrier_iAplanci.LOC110984196_mitochondrial_coenzyme_A_tran_Myessoensis.XP_021355166.1_mitochondrial_coenzyme_Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Branci.LOC110973531_graves_disease_carrier_protei				FTVSPWSDVALWVGQ	GVKSGGVNKGVNSKGVNSK
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.KP_024353850.l_Solute_carrier_family_2 Avaga.UMR35750.l_hypothetical_protein_14023_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.l_mitochondrial_coenzyme_Lanatina.KP_013386564.l_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_				FTVSPWSD ALWVGQ?	GVKSGGVNKGVNKGVNSKGVNSK
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondriaBbelcheri.LOC109482499_calciumbinding_mitochondriaBbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.KP_024353850.1_Solute_carrier_family_25_me_Bavaga.UJR35750.1_hypothetical_protein_I4U23_028499_Dmelanogaster.DPCOAC_dephosphocoenzyme_A_carrier_iAplanci.LOC110984196_mitochondrial_coenzyme_A_tran_Wyessoensis.KP_021355166.1_mitochondrial_coenzyme_A_tran_tran_tran_tran_tran_tran_tran_tran					GVKSGGVNSKGVNSK
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondria_Bbelcheri.LOC109482499_calciumbinding_mitochondria_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.KP_024353850.l_Solute_carrier_family_2_0xaga.UN33750.l_hypothetical_protein_I4023_028499_Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_iaplanci.LOC110984196_mitochondrial_coenzyme_A_tran_Myessoensis.XP_021355166.l_mitochondrial_coenzyme_Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintes					GVKSGGVNSKGVNSKGVNSKGVNSKFASPFGTNLCAYI
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondriaBbelcheri.LOC109482499_calciumbinding_mitochondriaBbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.KP_024353850.l_Solute_carrier_family_2 Avaga_UNB37550.l_Mpothetical_protein_I4023_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_iAplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.l_mitochondrial_coenzyme_A_t Hsapiens.NP_948621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_traplanci.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_pro Myessoensis.XP_02135062.l_graves_disease_carrier_protebelcheri.LOC109481428_graves_dise					GVKSGGVNSKGVNSK
Aplanci.LOC110976327_calciumbinding_mitochondrial_Bbelcheri.LOC109482499_calciumbinding_mitochondria_Bbelcheri.LOC109482499_calciumbinding_mitochondria_Bbelcheri.LOC109467967_solute_carrier_family_25_me_Egranulosus.KP_024353850.l_Solute_carrier_family_2_0xaga.UN33750.l_hypothetical_protein_I4023_028499_Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_iaplanci.LOC110984196_mitochondrial_coenzyme_A_tran_Myessoensis.XP_021355166.l_mitochondrial_coenzyme_Lanatina.XP_013386564.l_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran_Bbelcheri.LOC110973531_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.l_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.LOC100180500_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintestinalis.XP_013414919.l_graves_disease_carrier_proteicintes					GVKSGGVNSKGVNSK

Avaga.UJR31415.1_hypothetical_protein_I4U23_018908					
Egranulosus.XP_024353854.1_Calciumbinding_mitochon					
Egranulosus.XP_024348887.1_Calciumbinding_mitochon	LSRLPFRYSGSRFAVINQAVERQVNASHVFPD	YADIHKVVEESSIRENLO	GLRQVPYTTWTTREDFILCE\	CLDGVNVSKTMLLATVSDDLNR	ADLADVES
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471 Avaga.UJR23030.1_hypothetical_protein_I4U23_026056					
Avada ILTR25868 1 hypothetical protein T4H23 007218					
Egranulosus.XP_024349898.1_Calciumbinding_mitochon					
Hsapiens.NP_775908.2_mitochondrial_carrier_protein					
Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_037518.3_calcium-binding_mitochondrial					
Hsapiens.NP_03/518.3_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondr					
Heapiene ND 077008 2 calcium-binding mitochondrial					
Dmelanogaster.SCaMC short Calciumbinding mitochond					
Cintestinalis.LOC100186688 uncharacterized protein					
Myessoensis.XP_021372793.1_calciumbinding_mitochon					
Aplanci.LOC110976327_calciumbinding_mitochondrial_					
Bbelcheri.LOC109482499_calciumbinding_mitochondria Bbelcheri.LOC109467967_solute_carrier_family_25_me					
Egranulosus.XP_024353850.1_Solute_carrier_family_25_me	GELREWHRNQRVIKRRVNSPSIRPGCAISHCQ	ELIGPPP			
Avaga, UJR35750.1 hypothetical protein T4U23 028499	KD				
Dmelanogaster DPCoAC dephosphocoenzyme A carrier i					
Aplanci IOC110984196 mitochondrial coenzyme A tran	VG				
Myaccoancie VD 021355166 1 mitochondrial coanzyma					
Lanatina XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran	DHG				
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr					
7-1 100110073531					
Gi-ttili- TOG100100E00 di					
Lanatina.XP 013414919.1 graves disease carrier pro					
Myessoensis.XP_021350602.1_graves_disease_carrier_					
Bbelcheri.LOC109481428_graves_disease_carrier_prot	SQPNSRLEQNPPNSQQNSRKEHTYNLQRNSNS	QKTAENSTEKTQNSKLS-			
Hsapiens.NP_689920.1_graves_disease_carrier_protei 210		21409	21600	21003	
Arraga IIID21415 1 hypothetical protein T4II22 010000					
Egranulosus.XP_024353854.1_Calciumbinding_mitochon					
Egranulosus.XP_024348887.1_Calciumbinding_mitochon	VLVSIIIHEHVQLRELNVHRASTIATLAREIF	TDVGAILKHRREREFRHI	DFGCHLTDEQADADEDPALHS	SAELRRRLLENRRIATSKIESVI.	AKYSRLQE
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471					
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_007218					
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon					
Heapiene ND 775908 2 mitochondrial carrier protein					
Tanatina VD 013394192 1 calciumbinding mitochondri					
Heapiene NP 037518 3 calcium-binding mitochondrial					
Hsapiens, NP 001317917.1 calcium-binding mitochondr					
Hsapiens.NP_077008.2_calcium-binding_mitochondrial					
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein					
Mycagacanaia VD 021272702 1 aslajumbinding mitaghan					
Aplanci IOC110976327 calciumbinding mitochondrial					
Bbelcheri.LOC109482499 calciumbinding mitochondria					
Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_2					
Avada ILTD35750 1 hypothetical protein TAH23 028499					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_					
Avaga. UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_L Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Heaplane ND_84861.2_mitochondrial_coenzyme_A_tran					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_048621.2_mitochondrial_coenzyme_A_t Dsabelbeit_LOC10466272_mitochondrial_coenzyme_A_t					
Avaga. UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.RP_021355166.1_mitochondrial_coenzyme_L Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Bapelens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran					
Avaga. UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_L Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC1001805500_grayes_disease_carrier_					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Loc1.LOC10973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP 01341491.1_graves disease_carrier_pro					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_L Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Bbelcheri.NDC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Coenzyme_A_tran Delcheri.LOC109468737_mitochondrial_coenzyme_A_tran Coenzyme_A_tran Delcheri.LOC1009468737_mitochondrial_coenzyme_A_tran Delcheri.LOC1009468737_mitochondrial_coenzyme_A_tran Delcheri.LOC1019468737_mitochondrial_coenzyme_A_tran Delcher					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.1_mitochondrial_coenzyme_A_t Lanatina.KP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_protei Dwessoensis.XP_021350602.1_graves_disease_carrier_ Dbelcheri.LOC109481428_graves_disease_carrier_protei					
Avaga. UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.PECoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_protei Descriptions					
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_648621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Canatina.XP_013414919.1_graves_disease_carrier_protei Delcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei 220 Avaga.UJR31415.1_hypothetical_protein_I4U23_018908	0å 2220å	2240à	2260a	2280à	
Avaga.UUR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_013386564.1_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Belcheri.LOC10973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_protei Hapainei.LOC109481428_graves_disease_carrier_protei Hapainei.NP_689920.1_graves_disease_carrier_protei Hapainei.NP_689920.1_graves_disease_carrier_protei Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.1_Calciumbinding_mitochon	0å 2220å	2240â	2260à	2280â	
Avaga_UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.PECoA_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021356564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Ibbelcheri.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_pro Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_pro Hsapiens.NP_689920.1_graves_disease_carrier_protei Avaga_UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Valciumbinding_mitochon Egranulosus.XP_02435887.1_Valciumbinding_mitochon Egranulosus.XP_02435889.1_Valciumbinding_mitochon	0å 2220å SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQ:	2260â SEEIPMPISSPDAIIESPVFN	2280â	PPVECPST
Avaga. UUR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LoC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Bbelcheri.LoC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LoC10973531_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_protei Happiens.NP_013414919.1_graves_disease_carrier_protei Happiens.NP_689920.1_graves_disease_carrier_protei Happiens.NP_689920.1_graves_disease_carrier_protei Avaga.UUR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024358887.1_Calciumbinding_mitochon Egranulosus.XP_024368887.1_coeticiin_protein_graves_graves_protein_graves_graves_graves_protein_graves_protein_graves_g	0å 2220å SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQ:	2260â SEEIPMPISSPDAIIESPVFN	2280â	PPVECPST
Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Ebelcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Avaga.UJR31415.1_hypothetical_protein_I4U23_01898 Egranulosus.XP_024358561.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_I4U23_026056 Avaga.UJR23030.1_hypothetical_protein_I4U23_026056	Dâ 2220â SQENREASRLÇENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQS	2260â SEEIPMPISSPDAIIESPVFN	2280â  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_ Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_tran Byessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC10943531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Bbelcheri.LOC109481428_graves_disease_carrier_protei Lapatina.XP_01341491.1_graves_disease_carrier_protei Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024358887.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_00676 Avaga.UJR23030.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_024349888.1_Calciumbinding_mitochon Egranulosus.XP_024349888.1_Calciumbinding_mitochon	0â 2220â SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQS	2260â SEEIPMPISSPDAIIESPVFN	2280â  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPSI
Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.PECoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC1093531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_Lanatina.XP_013414919.1_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Egranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4U23_000471 Avaga.UJR320303.1_hypothetical_protein_I4U23_00071 Avaga.UJR230303.1_hypothetical_protein_I4U23_07218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein	0â 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQS	2260à SEEIPMPISSPDAIIESPVFN	2280â 4DDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocenezyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021356564.1_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Belcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Avaga.UJR31415.1_hypothetical_protein_I4U23_01898 Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR13457.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_07218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.NP_713394192.1_calciumbinding_mitochondri	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQ	2260â SEEIPMPISSPDATIESPVFN	2280â  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.PECoA_dephosphocenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Bplanci.LOC101973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_ Lanatina.XP_013414919.1_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Hsapiens.NP_62920.1_graves_disease_carrier_protei Lsapiens.NP_689920.1_graves_disease_carrier_protei Lsapiens.NP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Calciumbinding_mitochon Avaga.UJR23457.1_hypothetical_protein_I4U23_000471 Avaga.UJR23030.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Lsapiens.NP_037518.3_calciumb-inding_mitochondrial Lsapiens.NP_037518.3_calciumb-inding_mitochondri	0â 2220â SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240à EEPARLPSSEPCSSFSQS	2260ā SEEIPMPISSPDATIESPVFN	2280A 4DDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC10945351_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Protein_anatina.XP_01341491.1_graves_disease_carrier_protei Lanatina.XP_01341491.1_graves_disease_carrier_protei Rapiens.NP_689920.1_graves_disease_carrier_protei 200 Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024358854.1_Calciumbinding_mitochon Egranulosus.XP_024358854.1_Calciumbinding_mitochon Egranulosus.XP_024358887.1_Calciumbinding_mitochon Egranulosus.XP_0243498887.1_Calciumbinding_mitochon Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.2_calcium-binding_mitochondrial	0â 2220â SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQ	2260å SEEIPMPISSPDATIESPVFN	2280â  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Dbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100189600_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_prot Bbelcheri.LOC10941428_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_prot Begranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31451.1_hypothetical_protein_I4U23_016956 Avaga.UJR25868.1_hypothetical_protein_I4U23_000471 Avaga.UJR25868.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_0243498998.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_07718 Hsapiens.NP_073518.3_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial Hsapiens.NP_001317917.1_calcium-binding_mitochondrial	0â 2220â SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQ:	2260â SEEIPMPISSPDATIESPVFN	2280A MDDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.1_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Lanatina.KP_013414919.1_graves_disease_carrier_proty Myessoensis.KP_021350602.1_graves_disease_carrier_proty Hsapiens.NP_689920.1_graves_disease_carrier_proty Belcheri.LOC109481428_graves_disease_carrier_proty Avaga.UJR31415.1_hypothetical_protein_I4U23_01696 Egranulosus.KP_024358887.1_Calciumbinding_mitochon Egranulosus.KP_024358887.1_Calciumbinding_mitochon Avaga.UJR3457.1_hypothetical_protein_I4U23_02696 Avaga.UJR25688.1_hypothetical_protein_I4U23_02696 Avaga.UJR25868.1_hypothetical_protein_I4U23_02696 Hsapiens.NP_075908.2_mitochondrial_carrier_protein Hsapiens.NP_03518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQ	2260â SEEIPMPISSPDAIIESPVFN	2280â  ADDIDLDUVEEHIPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphoconexyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_02135664.1_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC10943531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Boelcheri.LOC109481428_graves_disease_carrier_protei Lapatina.XP_0134191.1_graves_disease_carrier_protei Lapatina.XP_013494887.1_Calciumbinding_mitochon Egranulosus.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_02435887.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_00696 Avaga.UJR31457.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_0243498881.2_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_077008.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Myessoensis.XP_021372793.1_calciumbinding_mitochond Cintestinalis.LOC100186688_uncharacterized_protein	0â 2220â SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQS	2260â SEEIPMPISSPDAIIESPVFN	2280à  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga.UJR31450.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021356166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Dbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Ebelcheri.LOC10941428_graves_disease_carrier_protei Bbelcheri.LOC109414128_graves_disease_carrier_protei 220 Avaga.UJR31415.1_hypothetical_protein_I4U23_01898 Egranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_0026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_0026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_0715908.2_mitochondrial_protein_I4U23_07218 Egranulosus.XP_024319898.1_Calciumbinding_mitochondri Hsapiens.NP_0715917.1_calciumbinding_mitochondri Hsapiens.NP_0715908.2_mitochondrial_mitochondrial Hsapiens.NP_0715908.2_calcium-binding_mitochondri Hsapiens.NP_0719708.2_calcium-binding_mitochondrial Dmelanogaster.SCMC_018668_uncharaterized_protein Myessoensis.XP_021372793.1_calciumbinding_mitochondrial Myessoensis.XP_021372793.1_calciumbinding_mitochondrial	DA 2220A  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â EEPARLPSSEPCSSFSQ	2260â SEEIPMPISSPDATIESPVFN	2280A  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Byessoensis.XP_021356564.1_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_pro Myessoensis.XP_021350602.1_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Rsapiens.NP_0689920.1_graves_disease_carrier_protei Lapatina.XP_0243458854.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Egranulosus.XP_024349887.1_Calciumbinding_mitochon Hsapiens.NP_0775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_077081.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_slower_short_Galciumbinding_mitochondrian Dmelanogaster.SCaMC_slower_short_Galciumbinding_mitochondrian Dmelanogaster.SCaMC_slower_short_Galciumbinding_mitochondrian Dmelanogaster.SCaMC_slower_short_Galciumbinding_mitochondrian Dmelanogaster.SCaMC_slower_slower	0å 2220å  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQ	2260å SEEIPMPISSPDATIESPVFN	2280à  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.1_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Arabiens.NP_688621.2_mitochondrial_coenzyme_A_tran Arabiens.LOC1010973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Lanatina.KP_013414919.1_graves_disease_carrier_proty Boelcheri.LOC109481428_graves_disease_carrier_proty Hsapiens.NP_689920.1_graves_disease_carrier_proty Avaga.UJR31415.1_hypothetical_protein_I4U23_01898 Egranulosus.KP_024353854.1_Calciumbinding_mitochon Egranulosus.KP_024348887.1_Calciumbinding_mitochon Avaga.UJR33457.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_i4U23_026056 Hsapiens.NP_075908.2_mitochondrial_carrier_protein Hsapiens.NP_03518.3_calcium-binding_mitochondri Hsapiens.NP_037518.3_calcium-binding_mitochondri Hsapiens.NP_071008.2_calciumbinding_mitochondri Hsapiens.NP_071008.2_calciumbinding_mitochondri Hsapiens.NP_071008.2_calciumbinding_mitochondri Dmelanogaster.ScaMC_short_Calciumbinding_mitochondri Myessoensis.KP_021372793.1_calciumbinding_mitochondri Bbelcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.KP_024373850.1.Solute_carrier_family_25_me	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQ	2260â  SEEIPMPISSPDAIIESPVFN	2280â  ADDLDLDVEEHLPQTQVEMEVEV.	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphoconexyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Boelcheri.LOC10943531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Boelcheri.LOC109481428_graves_disease_carrier_protei Lanatina.XP_01341491.1_graves_disease_carrier_protei Lapatina.XP_024350602.1_graves_disease_carrier_protei Lapatina.XP_024353854.1_Calciumbinding_mitochon Egranulosus.XP_024358854.1_Calciumbinding_mitochon Egranulosus.XP_024358854.1_Calciumbinding_mitochon Lapatina.XP_0133457.1_hypothetical_protein_14U23_026056 Avaga.UJR25868.1_hypothetical_protein_14U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_775908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_slowt_Calciumbinding_mitochondrial Dmelanogaster.SCaMC_slowt_Calciumbinding_mitochondrial Dmelanogaster.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me	0â 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240à EEFARLPSSEPCSSFSQS	2260â  SEEIPMPISSPDAIIESPVFN	2280à  ADDLDLDVEEHLPQTQVEMEVEV.	PPVECPST
Avaga.UJR31450.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021356166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_684621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_684621.2_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC101973531_graves_disease_carrier_protei Cintestinalis.LOC1001860500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_pro Belcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_prot Begcanulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR25868.1_hypothetical_protein_I4U23_000471 Avaga.UJR25868.1_hypothetical_protein_I4U23_0007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochondrial Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondri Hsapiens.NP_0737518.3_calcium-binding_mitochondri Hsapiens.NP_071508.2_calcium-binding_mitochondri Hsapiens.NP_0013772793.1_calciumbinding_mitochondri Hsapiens.NP_0137517373731.3_calciumbinding_mitochondri Hsapiens.NP_0137518.3_calciumbinding_mitochondrial_belcheri.LOC109462499_calciumbinding_mitochondrial_ Bbelcheri.LOC10946767_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024453850.1_Solute_carrier_family_25_me Egranulosus.XP_0246260606060606060606060606060606060606	0â 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQS	2260ā SEEIPMPISSPDATIESPVFN	2280ā  MDDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. JUR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_013385664.1_mitochondrial_coenzyme_A_tran Byessoensis.XP_013386564.1_mitochondrial_coenzyme_A_tran Belcheri.LoC109468737_mitochondrial_coenzyme_A_tran Belcheri.LoC109468737_mitochondrial_coenzyme_A_tran Belcheri.LoC109468737_mitochondrial_coenzyme_A_tran Enderious Colored Colo	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQS	2260â SEEIPMPISSPDAIIESPVFN	2280â  ADDLDLDVEEHLPQTQVEMEVEV.	PPVECPST
Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Dealanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_0213551661mitochondrial_coenzyme_A_tran Myessoensis.XP_0213551661mitochondrial_coenzyme_A_t Hsapiens.NP_0848621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_0848621.2_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Pelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Belcheri.LOC109481428_graves_disease_carrier_protei Belcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Degranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4U23_000471 Avaga.UJR23863.1_hypothetical_protein_I4U23_000471 Avaga.UJR25868.1_hypothetical_protein_I4U23_000671 Begranulosus.XP_024348887.1_Calciumbinding_mitochon Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_075908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_0717008.2_calciumbinding_mitochondrial Hsapiens.NP_071708.2_calciumbinding_mitochondrial Hsapiens.NP_071708.2_calciumbinding_mitochondrial Belcheri.LOC109462499_calciumbinding_mitochondrial Belcheri.LOC10946767_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_solute_carrier_family_25_me Egranulosus.XP_024353850.1_solute_carrier_family_25_me Egranulosus.XP_024353850.1_solute_carrier_family_26_me Egranulosus.XP_024353850.1_solute_carrier_family_26_me Egranulosus.XP_024353850.1_solute_carrier_family_26_me Egranulosus.XP_024353850.1_solute_carrier_family_26_me Egranulosus.XP_024353850.1_solute_carrier_famil	0â 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240à EEPARLPSSEPCSSFSQS	2260ā  SEEIPMPISSPDAIIESPVFN	2280à  MDDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. JUR35750.1 hypothetical_protein_I4U23_028499 Dmelanogaster.DPCoAC_dephosphocenzyme_A_carrier_i Aplanci.LoC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1 mitochondrial_coenzyme_A_tran Myessoensis.XP_013385664.1 mitochondrial_coenzyme_A_tran Hyessoensis.XP_013386564.1 mitochondrial_coenzyme_A_tran Bbelcheri.LoC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LoC109468737_mitochondrial_coenzyme_A_tran Bbelcheri.LoC10973531_graves_disease_carrier_protein Cintestinalis.LoC100180500_graves_disease_carrier_protein Cintestinalis.LoC100180500_graves_disease_carrier_protein Lanatina.XP_013414919.1_graves_disease_carrier_protein Bapiens.NP_689920.1_graves_disease_carrier_protein Espaiens.NP_689920.1_graves_disease_carrier_protein Espaiens.NP_689920.1_graves_disease_carrier_protein Espaiens.NP_689920.1_graves_disease_carrier_protein Espaiens.NP_024348887.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Egranulosus.XP_024348887.1_Calciumbinding_mitochon Espaiens.NP_01337419.1_calciumbinding_mitochon Hsapiens.NP_01337419.1_calciumbinding_mitochond Hsapiens.NP_01337419.1_calciumbinding_mitochond Hsapiens.NP_0137518.3_calcium-binding_mitochondril Hsapiens.NP_0137511.1_calcium-binding_mitochondril Hsapiens.NP_0137518.3_calcium-binding_mitochondril Hsapiens.NP_0137518.3_calcium-binding_mitochondril Hsapiens.NP_0137518.3_calcium-binding_mitochondril Bapiens.NP_0137518.3_calcium-binding_mitochondril Bapiens.NP_0137518.3_calcium-binding_mitochondril Bapiens.NP_0137538350.1_Solute_carrier_protein Myessoensis.XP_02435350.1_Solute_carrier_family_25_me Egranulosus.XP_024375350.1_Calciumbinding_mitochondrial Bbelcheri.LoC109467967_solute_carrier_family_25_me Egranulosus.XP_024353566.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_0243566.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_0243566.1_mitochondrial_coenzyme_A_Lanatina.XP_0343566.1_mitochondrial_coenzyme_A_Lanatina.XP_0343566.1_mitochondrial_coenzyme_A_Lanatina.XP_0343566.1_mitochondrial_coenzyme_A_Lanatina.XP_034366.1_mitoc	Dâ 2220â  SQENREASRLÇENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQS	2260â  SEEIPMPISSPDAIIESPVFN	2280â  ADDLDLDVEEHLPQTQVEMEVEV.	PPVECPST
Avaga. UJR3145.1. hypothetical_protein_I4U23_O20499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_048621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_048621.2_mitochondrial_coenzyme_A_tran Dbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalia.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Delcheri.LOC109414128_graves_disease_carrier_protei Ebelcheri.LOC109414128_graves_disease_carrier_protei Epsanulosus.NP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024348887.1_Calciumbinding_mitochon Avaga.UJR325030.1_hypothetical_protein_I4U23_000471 Avaga.UJR25868.1_hypothetical_protein_I4U23_0007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_076186 Egranulosus.XP_024349898.1_Calciumbinding_mitochondrial Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_076186 Egranulosus.XP_024349898.1_Calciumbinding_mitochondrial Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_076186 Egranulosus.XP_024349898.1_Calciumbinding_mitochondrial Hsapiens.NP_0719708.2_calciumbinding_mitochondrial Hsapiens.NP_001317793.1_calciumbinding_mitochondrial Bbelcheri.LOC109462499_calciumbinding_mitochondrial Bbelcheri.LOC10946767_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_solute_carrier_family_2 Avaga.	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240à EEPARLPSSEPCSSFSQS	2260â  SEEIPMPISSPDATIESPVFN	2280ā  4DDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. JUR35750.1 hypothetical_protein_I4U23_028499 Imelanogaster.DPCoAC_dephosphocenzyme_A_arriar_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Haspiens.NP_848621.2_mitochondrial_coenzyme_A_tran Belcheri.LoC109468737_mitochondrial_coenzyme_A_tran Belcheri.LoC109468737_mitochondrial_coenzyme_A_tran Belcheri.LoC101946873_mitochondrial_coenzyme_A_tran Belcheri.LoC101943531_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_protei Cintestinalis.LoC100180500_graves_disease_carrier_proty Myessoensis.XP_021350602.1_graves_disease_carrier_proty Belcheri.LoC109481428_graves_disease_carrier_proty Haspiens.NP_689920.1_graves_disease_carrier_protei Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR33030.1_hypothetical_protein_I4U23_000471 Avaga.UJR25681.1_hypothetical_protein_I4U23_000471 Avaga.UJR25681.1_hypothetical_protein_I4U23_000471 Avaga.UJR25681.1_hypothetical_protein_I4U23_000471 Avaga.UJR25681.1_bypothetical_protein_I4U23_000606 Avaga.UJR25681.1_bypothetical_protein_I4U23_000471 Avaga.UJR25681.1_bypothetical_protein_I4U23_000471 Bapiens.NP_075008.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Haspiens.NP_001317971.1_calcium-binding_mitochondrial Haspiens.NP_001317971.1_calcium-binding_mitochondrial Belcheri.LoC10946797_solute_carrier_family_25_me Egranulosus.XP_02435850.1_Solute_carrier_family_22_Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_02435850.1_Solute_carrier_family_22_Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_02435850.1_Solute_carrier_family_25_me Egranulosus.XP_02435850.1_Solute_carrier_family_25_me Egranulosus.XP_02435850.1_solute_carrier_family_25_me Egranulosus.XP_02435850.1_solute_carrier_family_25_me Egranulosus.XP_02435850.1_solute_carrier_family_25_me Egranulosus.XP_02435850.1_solute_carrier_family_26_me Egr	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240à EEPARLPSSEPCSSFSQS	2260â  SEEIPMPISSPDATIESPVFN	2280ā  MDDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 melanogaster.PECAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_0213551661mitochondrial_coenzyme_A_tran Myessoensis.XP_0213551661mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Belcheri.LOC109481428_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_prot Hsapiens.NP_689920.1_graves_disease_carrier_prot Hsapiens.NP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4U23_000471 Avaga.UJR23868.1_hypothetical_protein_I4U23_000471 Avaga.UJR25868.1_hypothetical_protein_I4U23_000671 Bayainulosus.XP_024348887.1_Calciumbinding_mitochon Hsapiens.NP_037518.3_calcium-binding_mitochondri Hsapiens.NP_037518.3_calcium-binding_mitochondri Hsapiens.NP_077008.2_calcium-binding_mitochondri Hsapiens.NP_077008.2_calcium-binding_mitochondri Hsapiens.NP_073788.3_calcium-binding_mitochondri Hsapiens.NP_073768.2_calcium-binding_mitochondri Hsapiens.NP_0737608.2_calcium-binding_mitochondri Hsapiens.NP_0737518.3_calcium-binding_mitochondri Hsapiens.NP_073518.3_calcium-binding_mitochondri Hsapiens.NP_073518.3_calcium-binding_mitochondri Hsapiens.NP_073518.3_calcium-binding_mitochondri Hsapiens.NP_073518.3_calcium-binding_mitochondri Hsapiens.NP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carr	0â 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240à  EEPARLPSSEPCSSFSQS	2260ā  SEEIPMPISSPDATIESPVFN	2280à  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga.UJR3145.1.hypothetical_protein_I4U23_O28499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Dbelcheri.LOC10973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Ebelcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Bbelcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_089920.1_graves_disease_carrier_protei Dgranulosus.XP_024353854.1_Calciumbinding_mitochon Ggranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_01898 Egranulosus.XP_024348897.1_Calciumbinding_mitochon Avaga.UJR23030.1_hypothetical_protein_I4U23_026056 Avaga.UJR25868.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochondrial Hsapiens.NP_071908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_071908.2_calcium-binding_mitochondrial Hsapiens.NP_071908.2_calcium-binding_mitochondrial Dmelanogaster.SCaMC_short-Calciumbinding_mitochondrial Dmelanogaster.SCaMC_short-Calciumbinding_mitochondrial Dbelcheri.LOC109462499_calciumbinding_mitochondrial Dbelcheri.LOC109467967_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC109467967_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC1094674967_solute_carrier_family_2 Avaga.UJR35750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DFCoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC109467496_mitochondrial_coenzyme_A_tran Myessoensis.XP_024353850.1_	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQS	2260â SEEIPMPISSPDAIIESPVPN	2280â  ADDLDLDVEEHLPQTQVEMEVEV.	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanogaster.DECoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tran Delcheri.LOC109468737_mitochondrial_coenzyme_A_tran Delcheri.LOC109468737_mitochondrial_coenzyme_A_tran Delcheri.LOC109486737_mitochondrial_coenzyme_A_tran Delcheri.LOC1094814919.1_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.XP_013414919.1_graves_disease_carrier_protei Delcheri.LOC109481428_graves_disease_carrier_protei Belcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Delcheri.LOC1094814128_graves_disease_carrier_protein Egranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4U23_000471 Avaga.UJR23030.1_hypothetical_protein_I4U23_002605 Avaga.UJR25868.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_0243498987.1_Calciumbinding_mitochon Avaga.UJR25868.1_hypothetical_protein_I4U23_007218 Egranulosus.XP_024349898.1_Calciumbinding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Hsapiens.NP_037518.3_calcium-binding_mitochondrial Belcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024353850.1_Solute_carrier_family_25_me Egranulosus.XP_024553850.1_Solute_carrier_family_25_me Egranulosus.XP_024553850.1_Solute_carrier_family_25_me Egranulosus.XP_0338664.1_mitochondrial_coenzyme_A_tran Delcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_0338664.1_mitochondrial_coenzyme_A_tran Delcheri.LOC109467967_solute_carrier_family_25_me Egranulosus.XP_0338664.1_mitochondrial_coenzyme_A_tran Delcheri.LOC1094679535_graves_disease_carrier_prot	0å 2220å  SQENREASRICENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQ	2260a  2260a  SEEIPMPISSPDATIESPVFN	2280à  ADDLDLDVEEHLPQTQVEMEVEV.	PPVECPST
Avaga. UJR31750.1_hypothetical_protein_I4U23_028499 Dmelanoagsater.DECoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.KP_021355166.1_mitochondrial_coenzyme_A_t Lanatina.KP_0133855616.1_mitochondrial_coenzyme_A_t Hsapiens.NP_684621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_684621.2_mitochondrial_coenzyme_A_tran Beblcheri.LOC109466737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Lanatina.KP_013414919.1_graves_disease_carrier_protei Deblcheri.LOC109481428_graves_disease_carrier_protei Hsapiens.NP_689920.1_graves_disease_carrier_protei Beblcheri.LOC109481428_graves_disease_carrier_protei Rsapiens.NP_024353854.1_Calciumbinding_mitochon Ggranulosus.KP_024353854.1_Calciumbinding_mitochon Avaga.UJR31457.1_hypothetical_protein_I4U23_010980 Bgranulosus.KP_024348887.1_Calciumbinding_mitochon Avaga.UJR25866.1_hypothetical_protein_I4U23_026056 Avaga.UJR25866.1_hypothetical_protein_I4U23_007218 Egranulosus.KP_024349898.1_Calciumbinding_mitochon Hsapiens.NP_075908.2_mitochondrial_protein_I4U23_07218 Egranulosus.KP_037518.3_calcium-binding_mitochondri Hsapiens.NP_07197008.2_calcium-binding_mitochondri Hsapiens.NP_0719717.1_calciumbinding_mitochondri Hsapiens.NP_001317917.1_calciumbinding_mitochondrial Dmelanogaster.SCaMC_short-Calciumbinding_mitochondrial Dmelanogaster.SCAMC_short-Calciumbinding_mitochondrial Bbelcheri.LOC10946279_calciumbinding_mitochondrial Dmelanogaster.SCAMC_short-Calciumbinding_mitochondrial Bbelcheri.LOC10946797_mitochondrial_coenzyme_A_tran Myessoensis.KP_023155166.1_mitochondrial_coenzyme_A_tran Myessoensis.KP_02355166.1_mitochondrial_coenzyme_A_tran Myessoensis.KP_02355166.1_mitochondrial_coenzyme_A_tran Myessoensis.KP_02355166.1_mitochondrial_coenzyme_A_tran Aplanci.LOC10978531_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_carrier_protei Cintestinalis.LOC100180500_graves_disease_c	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQ	2260â SEEIPMPISSPDATIESPVPN	2280â  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST
Avaga. UJR33750.1_hypothetical_protein_I4U23_028499 Dmelanoagsater.DECoAC_dephosphocoenzyme_A_carrier_i Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran Myessoensis.XP_021355166.1_mitochondrial_coenzyme_A_t Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_t Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran Belcheri.LOC109468737_mitochondrial_coenzyme_A_tran Aplanci.LOC110973531_graves_disease_carrier_protei Cintestinalis.LOC100186050_graves_disease_carrier_protei Lanatina.XP_013314919.1_graves_disease_carrier_protei Delcheri.LOC1094814128_graves_disease_carrier_protei Belcheri.LOC1094814128_graves_disease_carrier_protei Rapiens.NP_689920.1_graves_disease_carrier_protei Psapiens.NP_689920.1_graves_disease_carrier_protei Rgranulosus.XP_024353854.1_Calciumbinding_mitochon Avaga.UJR31415.1_hypothetical_protein_I4U23_018908 Egranulosus.XP_024338887.1_Calciumbinding_mitochon Avaga.UJR23030.1_hypothetical_protein_I4U23_000471 Avaga.UJR23668.1_hypothetical_protein_I4U23_0070718 Egranulosus.XP_024348887.1_Calciumbinding_mitochon Rsapiens.NP_075908.2_mitochondrial_protein_I4U23_076186 Egranulosus.XP_024349898.1_Calciumbinding_mitochondrial Hsapiens.NP_0715908.2_mitochondrial_carrier_protein Lanatina.XP_013394192.1_calciumbinding_mitochondrial Hsapiens.NP_0715908.2_calcium-binding_mitochondrial Hsapiens.NP_0715908.2_calcium-binding_mitochondrial Bealcheri.LOC10946279_calciumbinding_mitochondrial Dmelanogaster.ScaMC_short_Calciumbinding_mitochondrial Bebelcheri.LOC109467967_solute_carrier_family_2 Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_Solute_carrier_family_2 Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_Solute_carrier_family_2 Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_Solute_carrier_family_2 Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.1_Solute_carrier_family_2 Avaga.UJR33750.1_hypothetical_protein_I4U23_028499 Egranulosus.XP_024353850.	Dâ 2220â  SQENREASRLCENKDSHAATVDLDAVEFVDVV	2240â  EEPARLPSSEPCSSFSQ	2260â SEEIPMPISSPDATIESPVPN	2280â  ADDLDLDVEEHLPQTQVEMEVEV	PPVECPST

Avaga.UJR31415.1_hypothetical_protein_I4U23_018908				
${\tt Egranulosus.XP\_024353854.1\_Calciumbinding\_mitochon}$				
Egranulosus.XP_024348887.1_Calciumbinding_mitochon				
Avaga.UJR13457.1_hypothetical_protein_I4U23_000471				
Avaga.UJR23030.1_hypothetical_protein_I4U23_026056				
Avaga.UJR25868.1_hypothetical_protein_I4U23_007218				
${\tt Egranulosus.XP\_024349898.1\_Calciumbinding\_mitochon}$				
${\tt Hsapiens.NP\_775908.2\_mitochondrial\_carrier\_protein}$				
Lanatina.XP_013394192.1_calciumbinding_mitochondri				
Hsapiens.NP_037518.3_calcium-binding_mitochondrial				
Hsapiens.NP_001317917.1_calcium-binding_mitochondr				
Hsapiens.NP_077008.2_calcium-binding_mitochondrial				
Dmelanogaster.SCaMC_short_Calciumbinding_mitochond				
Cintestinalis.LOC100186688_uncharacterized_protein				
Myessoensis.XP_021372793.1_calciumbinding_mitochon				
Aplanci.LOC110976327_calciumbinding_mitochondrial_				
Bbelcheri.LOC109482499_calciumbinding_mitochondria				
Bbelcheri.LOC109467967_solute_carrier_family_25_me				
Egranulosus.XP_024353850.1_Solute_carrier_family_2	 			
Avaga.UJR35750.1_hypothetical_protein_I4U23_028499				
Dmelanogaster.DPCoAC_dephosphocoenzyme_A_carrier_i				
Aplanci.LOC110984196_mitochondrial_coenzyme_A_tran	 			
Myessoensis.XP_021355166.1_mitochondrial_coenzyme_	 			
Lanatina.XP_013386564.1_mitochondrial_coenzyme_A_t	 			
Hsapiens.NP_848621.2_mitochondrial_coenzyme_A_tran	 			
Bbelcheri.LOC109468737_mitochondrial_coenzyme_A_tr	 			
Aplanci.LOC110973531_graves_disease_carrier_protei	 			
Cintestinalis.LOC100180500 graves disease carrier				
Lanatina.XP_013414919.1_graves_disease_carrier_pro				
Myessoensis.XP_021350602.1_graves_disease_carrier_	 			
Bbelcheri.LOC109481428_graves_disease_carrier_prot				
Hsapiens.NP_689920.1_graves_disease_carrier_protei				
240	2420â	2440â	2460â	2480â
=			* * * *	

Number of sequences: 32 Alignment width: 2497 Sequence type: aa