

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 1 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Species	Common	IUIS Allergen	Type	Group	Allergenicity*	Length	Accession	GI#@	First Version
Acarus siro	Mite	Aca s 13	Aero Mite	Acarus Aca s 13	IgE but no biological test	131	ABL09307.1	118638268	9
Acarus siro	Mite	Unassigned	Aero Insect	Acarus siro Group 4 allergen	IgE but no biological test	517	ABL09312.1	118638278	9
Actinidia arguta	Hardy Kiwi	Unassigned	Food Plant	Actinidia arguta kiwellin	IgE but no biological test	213	AGC39172.1	441482362	14
Actinidia arguta	Hardy Kiwi	Unassigned	Food Plant	Actinidia arguta kiwellin	IgE but no biological test	213	AGC39173.1	441482364	14
Actinidia arguta	Hardy Kiwi	Unassigned	Food Plant	Actinidia arguta kiwellin	IgE but no biological test	213	AGC39174.1	441482366	14
Actinidia chinensis	Kiwi	Unassigned	Food Plant	Actinidia Act c 1 Act d 1 Actinidin	IgE plus basophil+ or SPT+	380	P00785.4	190358935	9
Actinidia chinensis	Kiwi	Act c 10	Food Plant	Actinidia Act c 10 LTP	IgE plus basophil+ or SPT+	15	P85204.1	378548410	13
Actinidia chinensis	Kiwi	Act c 5.0102	Food Plant	Actinidia Act c 5 kiwellin	IgE but no biological test	213	AGC39168.1	441482354	14
Actinidia chinensis	Kiwi	Act c 8.0101	Food Plant	Actinidia Act c 8 Act d 8 PR-10	IgE but no biological test	159	CAM31908.1	281552896	11
Actinidia chinensis	Kiwi	Act d 12.0102	Food Plant	Actinidia Act d 12	IgE plus basophil+ or SPT+	462	ABB77213.1	82469930	16
Actinidia chinensis	Kiwi	Unassigned	Food Plant	Actinidia Act d 2 thaumatin like protein	IgE plus basophil+ or SPT+	20	P83958.1	68064399	7
Actinidia chinensis	Kiwi	Unassigned	Food Plant	Actinidia Act d 2 thaumatin like protein	IgE plus basophil+ or SPT+	225	AGC39176.1	441482370	14
Actinidia deliciosa	Kiwi	Act d 1.0101	Food Plant	Actinidia Act c 1 Act d 1 Actinidin	IgE plus basophil+ or SPT+	380	CAA34486.1	15984	7
Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act c 1 Act d 1 Actinidin	IgE plus basophil+ or SPT+	380	AAA32629.1	166317	7
Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act c 1 Act d 1 Actinidin	IgE plus basophil+ or SPT+	380	A5HII1.1	193806686	12
Actinidia deliciosa	Kiwi	Act d 8.0101	Food Plant	Actinidia Act c 8 Act d 8 PR-10	IgE but no biological test	157	CAM31909.1	281552898	11
Actinidia deliciosa	Kiwi	Act d 10.0201	Food Plant	Actinidia Act d 10 LTP	IgE plus basophil+ or SPT+	92	P85206.1	378548411	13
Actinidia deliciosa	Kiwi	Act d 10.0101	Food Plant	Actinidia Act d 10 LTP	IgE plus basophil+ or SPT+	92	P86137.2	378405189	13
Actinidia deliciosa	Kiwi	Act d 11.0101	Food Plant	Actinidia Act d 11 Kirola MLP	IgE but no biological test	150	P85524.1	332319679	12
Actinidia deliciosa	Kiwi	Act d 2.0101	Food Plant	Actinidia Act d 2 thaumatin like protein	IgE plus basophil+ or SPT+	225	CAI38795.2	71057064	7
Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act d 2 thaumatin like protein	IgE plus basophil+ or SPT+	201	ABQ42566.1	146737976	9
Actinidia deliciosa	Kiwi	Act d 4.0101	Food Plant	Actinidia Act d 4 Phytocystatin	IgE plus basophil+ or SPT+	116	AAR92223.1	40807635	7
Actinidia deliciosa	Kiwi	Act d 5.0101	Food Plant	Actinidia Act d 5 kiwellin	IgE but no biological test	189	P84527.1	85701136	7
Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act d 5 kiwellin	IgE but no biological test	213	AGC39164.1	441482346	14

Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act d 5 kiwellin	IgE but no biological test	213	AGC39165.1	441482348	14
Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act d 5 kiwellin	IgE but no biological test	213	AGC39166.1	441482350	14
Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act d 5 kiwellin	IgE but no biological test	213	AGC39167.1	441482352	14
Actinidia deliciosa	Kiwi	Unassigned	Food Plant	Actinidia Act d 5 kiwellin	IgE but no biological test	189	4X9U_B	906848988	17
Actinidia deliciosa	Kiwi	Act d 9.0101	Food Plant	Actinidia Act d 9, profilin	IgE but no biological test	109			16
Actinidia eriantha	Climber (plant)	Unassigned	Food Plant	Actinidia eriantha kiwellin	IgE but no biological test	213	AGC39169.1	441482356	14
Actinidia eriantha	Climber (plant)	Unassigned	Food Plant	Actinidia eriantha kiwellin	IgE but no biological test	213	AGC39170.1	441482358	14
Actinidia eriantha	Climber (plant)	Unassigned	Food Plant	Actinidia eriantha kiwellin	IgE but no biological test	213	AGC39171.1	441482360	14
Aedes aegypti	Yellow fever mosquito	Aed a 1.0101	Venom or Salivary	Aedes Aed a 1 apyrase	IgE plus basophil+ or SPT+	562	AAC37218.1	556272	7
Aedes aegypti	Yellow fever mosquito	Unassigned	Venom or Salivary	Aedes Aed a 1 apyrase	IgE plus basophil+ or SPT+	562	P50635.2	193806340	10
Aedes aegypti	Yellow fever mosquito	Aed a 11	Venom or Salivary	Aedes Aed a 11 Lysosomal protease	IgE but no biological test	387	XP_001657556.2	1218215869	18
Aedes aegypti	Yellow fever mosquito	Aed a 2	Venom or Salivary	Aedes Aed a 2	IgE plus basophil+ or SPT+	321	P18153.2	205525919	9
Aedes aegypti	Yellow fever mosquito	Aed a 3.0101	Venom or Salivary	Aedes Aed a 3	IgE plus basophil+ or SPT+	253	AAB58417.1	2114497	7
Aedes aegypti	Yellow fever mosquito	Unassigned	Venom or Salivary	Aedes Aed a 3	IgE plus basophil+ or SPT+	273	ABF18122.1	94468546	7
Aedes aegypti	Yellow fever mosquito	Aed a 5.0101	Venom or Salivary	Aedes Aed a 5 Sarcoplasmic Ca+ bind	IgE but no biological test	191	XP_001653462.1	157119961	17
Aedes aegypti	Yellow fever mosquito	Aed a 6.0101	Venom or Salivary	Aedes Aed a 6 Porin 3	IgE but no biological test	282	XP_001654143.1	157124666	17
Aedes aegypti	Yellow fever mosquito	Aed a 7.0101	Venom or Salivary	Aedes Aed a 7	IgE but no biological test	204	XP_001654291.1	157125324	17
Aedes aegypti	Yellow fever mosquito	Aed a 8.0101	Venom or Salivary	Aedes Aed a 8 HSP70	IgE but no biological test	655	ABF18258.1	94468818	17
Aedes aegypti	Yellow fever mosquito	Aed a 10.0201	Venom or Salivary	Aedes aegypti Aed a 10	IgE but no biological test	284	XP_001655948.1	157131813	16
Aedes aegypti	Yellow fever mosquito	Aed a 10.0101	Venom or Salivary	Aedes aegypti Aed a 10	IgE but no biological test	285	XP_001655954.1	157131825	16
Aedes aegypti	Yellow fever mosquito	Aed a 4.0101	Venom or Salivary	Aedes aegypti Aed a 4 alpha glucosidase	IgE but no biological test	579	P13080.1	126713	17
Agrostis alba	Bent grass	Unassigned	Aero Plant	Agrostis Agr a 1	IgE but no biological test	26	E37396	320606	7
Agrostis alba	Bent grass	Unassigned	Aero Plant	Agrostis Agr a 1	IgE but no biological test	35	Q7M1X7	75139987	7
Agrostis alba	Bent grass	Unassigned	Aero Plant	Agrostis Agr a 1	IgE but no biological test	35	Q7M1X9	75139989	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 3 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Alnus glutinosa	Alder	Aln g 1.0101	Aero Plant	Alnus Aln g 1	IgE plus basophil+ or SPT+	160	AAB24432.1	261407	7
Alnus glutinosa	Alder	Aln g 4.0101	Aero Plant	Alnus Aln g 4	IgE plus basophil+ or SPT+	85	CAA76831.1	3319651	7
Alternaria alternata	Fungus	Alt a 1.0101	Aero Fungi	Alternaria Alt a 1	IgE plus basophil+ or SPT+	157	AAB47552.1	1842045	7
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria Alt a 1	IgE plus basophil+ or SPT+	115	AAM77471.1	21913174	7
Alternaria alternata	Fungus	Alt a 1.0102	Aero Fungi	Alternaria Alt a 1	IgE plus basophil+ or SPT+	157	AAS75297.1	45680856	7
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria Alt a 1	IgE plus basophil+ or SPT+	133	3V0R_A	390980892	13
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria Alt a 1	IgE plus basophil+ or SPT+	130	4AUD_B	508123617	15
Alternaria alternata	Fungus	Alt a 10.01	Aero Fungi	Alternaria Alt a 10 ADH	IgE but no biological test	497	CAA55071.2	7666767	7
Alternaria alternata	Fungus	Alt a 12.0101	Aero Fungi	Alternaria Alt a 12 Ribosomal BP P1	IgE but no biological test	110	P49148.1	1350779	7
Alternaria alternata	Fungus	Alt a 13.0101	Aero Fungi	Alternaria Alt a 13	IgE plus basophil+ or SPT+	231	Q6R4B4.1	74611808	10
Alternaria alternata	Fungus	Alt a 3.0101	Aero Fungi	Alternaria Alt a 3 HSP	IgE but no biological test	152	P78983.2	14423730	7
Alternaria alternata	Fungus	Alt a 4.0101	Aero Fungi	Alternaria Alt a 4 thioredoxin	IgE but no biological test	436	Q00002.2	85701160	7
Alternaria alternata	Fungus	Alt a 5.0101	Aero Fungi	Alternaria Alt a 5 ribosomal P2	IgE but no biological test	113	AAB48041.1	1850540	7
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria Alt a 5 ribosomal P2	IgE but no biological test	113	P42037.1	1173071	10
Alternaria alternata	Fungus	Alt a 6.0101	Aero Fungi	Alternaria Alt a 6 enolase	IgE but no biological test	438	Q9HDT3.2	14423684	7
Alternaria alternata	Fungus	Alt a 7.0101	Aero Fungi	Alternaria Alt a 7 flavodoxin	IgE but no biological test	204	P42058.1	1168402	9
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria Alt a 7 flavodoxin	IgE but no biological test	261	OWY50380.1	1213711549	18
Alternaria alternata	Fungus	Alt a 8.0101	Aero Fungi	Alternaria Alt a 8 (mannitol dehydrogenase)	IgE plus basophil+ or SPT+	266	AAO91800.1	37780013	8
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria Alt a 8 (mannitol dehydrogenase)	IgE plus basophil+ or SPT+	266	POC0Y4.2	118595439	8
Alternaria alternata	Fungus	Alt a 14.0101	Aero Fungi	Alternaria MnSOD Alt a 14	IgE but no biological test	191	AGS80276.1	529279957	15
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria Nuc Transport 2	IgE plus basophil+ or SPT+	124	CAD38167.1	21748153	7
Alternaria alternata	Fungus	Unassigned	Aero Fungi	Alternaria TCTP IgE binding	IgE but no biological test	169	ABI26088.1	112824341	11
Amaranthus retroflexus	Common Amaranth	Ama r 2.0101	Aero Plant	Amaranthus Ama r 2 Profilin	IgE plus basophil+ or SPT+	133	ACP43298.1	227937304	10
Amaranthus retroflexus	Common Amaranth	Ama r 1.0101	Aero Plant	Amaranthus retroflexus Ama r 1	IgE but no biological test	168	AKV72168.1	914410010	16

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 4 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Ambrosia artemisiifolia	Short ragweed	Amb a 1.0101	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	396	P27759.1	113475	7
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0201	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	398	P27760.1	113476	7
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0301	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	P27761.1	113477	7
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0401	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	392	P28744.1	113478	7
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0303	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	AAA32669.1	166443	7
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0501	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	AAA32671.1	166447	11
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	396	CBW30986.1	302127810	12
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0202	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	398	CBW30987.1	302127812	12
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0304	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	CBW30988.1	302127814	12
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0305	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	CBW30989.1	302127816	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	CBW30990.1	302127818	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	CBW30991.1	302127820	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	CBW30992.1	302127822	12
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0402	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	387	CBW30993.1	302127824	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	CBW30994.1	302127826	12
Ambrosia artemisiifolia	Short ragweed	Amb a 1.0502	Aero Plant	Ambrosia Amb a 1	IgE plus basophil+ or SPT+	397	CBW30995.1	302127828	12
Ambrosia artemisiifolia	Short ragweed	Amb a 10.0101	Aero Plant	Ambrosia Amb a 10	IgE but no biological test	160	AAX77686.1	62249491	7
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	164	CBJ24286.1	285005079	11
Ambrosia artemisiifolia	Short ragweed	Amb a 4.0101	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	164	CBK52317.1	291197394	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	111	CBK62693.1	291482306	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	140	CBK62694.1	291482308	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	134	CBK62695.1	291482310	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	96	CBK62697.1	291482314	12
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	110	CBK62698.1	291482316	12

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 5 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 4	IgE but no biological test	116	CBK62699.1	291482318	12
Ambrosia artemisiifolia	Short ragweed	Amb a 6.0101	Aero Plant	Ambrosia Amb a 6	IgE but no biological test	118	O04004.1	14285595	7
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 8 profilin	IgE plus basophil+ or SPT+	133	AAP15203.1	34851182	7
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 8 profilin	IgE plus basophil+ or SPT+	131	AAP15202.1	34851180	7
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 8 profilin	IgE plus basophil+ or SPT+	131	AAP15201.1	34851178	7
Ambrosia artemisiifolia	Short ragweed	Amb a 8.0101	Aero Plant	Ambrosia Amb a 8 profilin	IgE plus basophil+ or SPT+	133	AAX77687.1	62249502	7
Ambrosia artemisiifolia	Short ragweed	Amb a 8.0102	Aero Plant	Ambrosia Amb a 8 profilin	IgE plus basophil+ or SPT+	133	AAX77688.1	62249512	7
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 8 profilin	IgE plus basophil+ or SPT+	135	5EM1_A	1035439203	18
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia Amb a 8 profilin	IgE plus basophil+ or SPT+	134	5EV0_B	1035439209	18
Ambrosia artemisiifolia	Short ragweed	Amb a 9.0101	Aero Plant	Ambrosia Amb a 9	IgE plus basophil+ or SPT+	83	AAX77684.1	62249470	7
Ambrosia artemisiifolia	Short ragweed	Amb a 9.0102	Aero Plant	Ambrosia Amb a 9	IgE plus basophil+ or SPT+	83	AAX77685.1	62249481	7
Ambrosia artemisiifolia	Short ragweed	Amb a 11.0101	Aero Plant	Ambrosia artemisiifolia Amb a 11	IgE plus basophil+ or SPT+	386	AHA56102.1	558482540	15
Ambrosia artemisiifolia	Short ragweed	Unassigned	Aero Plant	Ambrosia artemisiifolia Amb a 11	IgE plus basophil+ or SPT+	385	5EGW_B	1023176264	17
Ambrosia artemisiifolia (elatior)	Short ragweed	Amb a 3.0101	Aero Plant	Ambrosia Amb a 3	IgE plus basophil+ or SPT+	101	P00304.2	416636	7
Ambrosia artemisiifolia (elatior)	Short ragweed	Amb a 5.0101	Aero Plant	Ambrosia Amb a 5 Ra5 Amb p 5	IgE plus basophil+ or SPT+	45	P02878.1	114090	7
Ambrosia psilostachya	Western ragweed	Amb p 5.0101	Aero Plant	Ambrosia Amb a 5 Ra5 Amb p 5	IgE plus basophil+ or SPT+	77	AAA20065.1	515953	7
Ambrosia psilostachya	Western ragweed	Unassigned	Aero Plant	Ambrosia Amb a 5 Ra5 Amb p 5	IgE plus basophil+ or SPT+	77	AAA20067.1	515954	7
Ambrosia psilostachya	Western ragweed	Amb p 5.0201	Aero Plant	Ambrosia Amb a 5 Ra5 Amb p 5	IgE plus basophil+ or SPT+	77	AAA20064.1	515955	7
Ambrosia psilostachya	Western ragweed	Unassigned	Aero Plant	Ambrosia Amb a 5 Ra5 Amb p 5	IgE plus basophil+ or SPT+	77	AAA20066.1	515956	7
Ambrosia psilostachya	Western ragweed	Unassigned	Aero Plant	Ambrosia Amb a 5 Ra5 Amb p 5	IgE plus basophil+ or SPT+	77	AAA20068.1	515957	7
Ambrosia trifida	Giant ragweed	Amb t 5.0101	Aero Plant	Ambrosia Amb t 5 Ra5G	IgE but no biological test	73	P10414.2	114091	7
Amphioctopus fangsiao	Octopus	Unassigned	Food Animal	Amphioctopus arginine kinase	IgE but no biological test	348	AEK65120.1	340742817	12
Anacardium occidentale	Cashew	Ana 0 1.0102	Food Plant	Anacardium Ana o 1	IgE but no biological test	536	AAM73729.1	21666498	7
Anacardium occidentale	Cashew	Ana 0 1.0101	Food Plant	Anacardium Ana o 1	IgE but no biological test	538	AAM73730.2	21914823	7

Anacardium occidentale	Cashew	Ana o 2.0101	Food Plant	Anacardium Ana o 2	IgE plus basophil+ or SPT+	457	AAN76862.1	25991543	7
Anacardium occidentale	Cashew	Ana o 3.0101	Food Plant	Anacardium Ana o 3	IgE but no biological test	138	AAL91665.1	24473800	7
Ananas comosus	Pineapple	Ana c 2.0101	Aero Plant	Ananas Ana c 2 Bromelain precursor	IgE plus basophil+ or SPT+	351	O23791.1	75277440	7
Ananas comosus	Pineapple	Ana c 1.0101	Food Plant	Ananas profilin Ana c 1	IgE but no biological test	131	Q94JN2.1	75306610	10
Anisakis pegreffii	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 12	IgE but no biological test	264	AGC60026.1	442577845	14
Anisakis pegreffii	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 12	IgE but no biological test	264	AGC60027.1	442577847	14
Anisakis pegreffii	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 12	IgE but no biological test	264	AGC60028.1	442577849	14
Anisakis pegreffii	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 2 paramyosin	IgE but no biological test	869	AGC60020.1	442577833	14
Anisakis simplex	Parasitic fish worm	Ani s 1.0101	Food Animal	Anisakis Ani s 1 protease inhibitor	IgE plus basophil+ or SPT+	194	Q7Z1K3.1	47605452	7
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 1 protease inhibitor	IgE plus basophil+ or SPT+	163	AGC60035.1	442577863	14
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 1 protease inhibitor	IgE plus basophil+ or SPT+	163	AGC60036.1	442577865	14
Anisakis simplex	Parasitic fish worm	Ani s 10.0101	Food Animal	Anisakis Ani s 10	IgE but no biological test	231	ACZ95445.1	272574378	11
Anisakis simplex	Parasitic fish worm	Ani s 11.0101	Food Animal	Anisakis Ani s 11	IgE but no biological test	307	BAJ78220.1	323575361	12
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 11	IgE but no biological test	160	BAJ78221.1	323575363	12
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 11	IgE but no biological test	287	BAJ78222.1	323575365	12
Anisakis simplex	Parasitic fish worm	Ani s 12.0101	Food Animal	Anisakis Ani s 12	IgE but no biological test	295	BAJ78223.1	323575367	12
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 12	IgE but no biological test	264	AGC60029.1	442577851	14
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 12	IgE but no biological test	264	AGC60030.1	442577853	14
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 12	IgE but no biological test	264	AGC60031.1	442577855	14
Anisakis simplex	Parasitic fish worm	Ani s 14.0101	Food Animal	Anisakis Ani s 14	IgE but no biological test	217	BAT62430.1	957554293	17
Anisakis simplex	Parasitic fish worm	Ani s 2.0101	Food Animal	Anisakis Ani s 2 paramyosin	IgE but no biological test	473	AAF75225.1	8453086	7
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 2 paramyosin	IgE but no biological test	869	Q9NJA9.1	42559536	9
Anisakis simplex	Parasitic fish worm	Ani s 3.0101	Food Animal	Anisakis Ani s 3 tropomyosin	IgE but no biological test	284	Q9NASS.1	14423976	7
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 3 tropomyosin	IgE but no biological test	284	AEQ28167.1	350285785	13

Anisakis simplex	Parasitic fish worm	Ani s 4.0101	Food Animal	Anisakis Ani s 4	IgE plus basophil+ or SPT+	14	P83885.1	47605398	7
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 4	IgE plus basophil+ or SPT+	115	CAK50389.1	110346534	8
Anisakis simplex	Parasitic fish worm	Ani s 5.0101	Food Animal	Anisakis Ani s 5 SXP/RAL-2 family protein	IgE but no biological test	152	BAF43534.1	121308878	8
Anisakis simplex	Parasitic fish worm	Ani s 7.0101	Food Animal	Anisakis Ani s 7 UA3-recognized allergen	IgE but no biological test	1096	ABL77410.1	119524036	9
Anisakis simplex	Parasitic fish worm	Ani s 8.0101	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75681.1	155676636	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75704.1	155676682	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75705.1	155676684	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75706.1	155676686	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75707.1	155676688	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75708.1	155676690	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75709.1	155676692	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75710.1	155676694	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75711.1	155676696	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis Ani s 8 SXP/RAL-2 family protein 2	IgE but no biological test	150	BAF75712.1	155676698	9
Anisakis simplex	Parasitic fish worm	Ani s 9.0101	Food Animal	Anisakis Ani s 9	IgE but no biological test	147	ABV55106.1	157418806	9
Anisakis simplex	Parasitic fish worm	Unassigned	Food Animal	Anisakis simplex troponin-like	IgE but no biological test	161	CAB58171.1	6065738	7
Anthoxanthum odoratum	Sweet vernal grass	Unassigned	Aero Plant	Anthoxanthum Ant o 1	IgE but no biological test	26	G37396	320607	7
Anthoxanthum odoratum	Sweet vernal grass	Ant o 1.0101	Aero Plant	Anthoxanthum Ant o 1	IgE but no biological test	32	Q7M1X6	75139986	7
Anthoxanthum odoratum	Sweet vernal grass	Unassigned	Aero Plant	Anthoxanthum Ant o 1	IgE but no biological test	32	Q7M1Y0	75139990	7
Apis cerana	Indian honeybee	Unassigned	Venom or Salivary	Apis Api m 1 Api d 1 Api c 1	IgE plus basophil+ or SPT+	134	A59055	7435005	7
Apis cerana cerana	Indian honeybee	Api d 1	Venom or Salivary	Apis Api m 1 Api d 1 Api c 1	IgE plus basophil+ or SPT+	134	AAK09361.1	12958583	15
Apis dorsata	Giant honeybee	Api d 1.0101	Venom or Salivary	Apis Api m 1 Api d 1 Api c 1	IgE plus basophil+ or SPT+	134	Q7M4I5.1	47117012	7
Apis dorsata	Giant honeybee	Unassigned	Venom or Salivary	Apis Api m 4 Melittin	IgE but no biological test	26	P01502.1	126955	7
Apis mellifera	Honeybee	Api m 1.0101	Venom or Salivary	Apis Api m 1 Api d 1 Api c 1	IgE plus basophil+ or SPT+	167	P00630.3	24418862	7

Apis mellifera	Honeybee	Unassigned	Venom or Salivary	Apis Api m 10 icarapin	IgE but no biological test	223	ABF21077.1	94471622	7
Apis mellifera	Honeybee	Api m 10.0101	Venom or Salivary	Apis Api m 10 icarapin	IgE but no biological test	175	ABF21078.1	94471624	7
Apis mellifera	Honeybee	Api m 2.0101	Venom or Salivary	Apis Api m 2	IgE plus basophil+ or SPT+	382	Q08169.1	585279	7
Apis mellifera	Honeybee	Unassigned	Venom or Salivary	Apis Api m 3 acid phosphatase	IgE but no biological test	388	ACI25605.1	208342441	10
Apis mellifera	Honeybee	Api m 3.0101	Venom or Salivary	Apis Api m 3 acid phosphatase	IgE but no biological test	388	Q5BLY5.1	74835477	12
Apis mellifera	Honeybee	Api m 4.0101	Venom or Salivary	Apis Api m 4 Melittin	IgE but no biological test	70	CAA26038.1	5622	7
Apis mellifera	Honeybee	Unassigned	Venom or Salivary	Apis Api m 4 Melittin	IgE but no biological test	27	MEHB2	69552	7
Apis mellifera	Honeybee	Api m 5.0101	Venom or Salivary	Apis Api m 5 dipeptidylpeptidase	IgE plus basophil+ or SPT+	775	NP_001119715.1	187281543	15
Apis mellifera	Honeybee	Api m 6.01	Venom or Salivary	Apis Api m 6	IgE but no biological test	92	NP_001035360.1	94400907	7
Apis mellifera	Honeybee	Unassigned	Venom or Salivary	Apis Api m 6	IgE but no biological test	94	ABD51779.1	88770352	10
Apis mellifera	Honeybee	Api m 11.0101	Venom or Salivary	Apis mellifera Api m 11	IgE but no biological test	416	NP_001011564.1	58585070	15
Apis mellifera	Honeybee	Api m 11.0201	Venom or Salivary	Apis mellifera Api m 11	IgE but no biological test	423	AAY21180.1	62910925	15
Apis mellifera	Honeybee	Api m 12.0101	Venom or Salivary	Apis mellifera Api m 12	IgE but no biological test	1770	CAD56944.1	29329817	15
Apis mellifera carnica	Honeybee	Unassigned	Venom or Salivary	Apis Api m 10 icarapin	IgE but no biological test	12	AHM25038.1	594708629	16
Apis mellifera carnica	Honeybee	Unassigned	Venom or Salivary	Apis Api m 10 icarapin	IgE but no biological test	19	AHM25037.1	594708627	16
Apis mellifera carnica	Honeybee	Unassigned	Venom or Salivary	Apis Api m 10 icarapin	IgE but no biological test	25	AHM25036.1	594708625	16
Apis mellifera carnica	Honeybee	Unassigned	Venom or Salivary	Apis Api m 10 icarapin	IgE but no biological test	41	AHM25035.1	594708623	16
Apium graveolens	Celery	Api g 1.0101	Food Plant	Apium Api g 1	IgE plus basophil+ or SPT+	154	P49372.1	1346568	7
Apium graveolens	Celery	Api g 1.0201	Food Plant	Apium Api g 1	IgE plus basophil+ or SPT+	159	P92918.1	14423646	9
Apium graveolens	Celery	Api g 2.0101	Food Plant	Apium Api g 2	IgE plus basophil+ or SPT+	118	ACV04796.1	256600126	12
Apium graveolens	Celery	Api g 4.0101	Food Plant	Apium Api g 4	IgE plus basophil+ or SPT+	134	AAD29409.1	4761578	7
Apium graveolens	Celery	Api g 5.0101	Food Plant	Apium Api g 5	IgE but no biological test	86	P81943.3	33300920	10
Apium graveolens Rapaceum Group	Celery	Api g 6.0101	Food Plant	Apium graveolens Api g 6 LTP 2	IgE but no biological test	67	P86809.1	550540827	15
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Agglutinin (lectin)	IgE but no biological test	273	AAB22817.1	253289	7



Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 9 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Arachis hypogaea	Peanut	Ara h 1	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	614	P43237.1	1168390	7
Arachis hypogaea	Peanut	Ara h 1.0101	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	626	P43238.1	1168391	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	299	AAT00595.1	46560474	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	303	AAT00594.1	46560472	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	428	AAT00596.1	46560476	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	619	ADQ53858.1	312233063	12
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	418	3SMH_A	375332427	13
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 1	IgE plus basophil+ or SPT+	418	3S7E_A	347447588	13
Arachis hypogaea	Peanut	Ara h 12.0101	Unassigned	Arachis Ara h 12	IgE but no biological test	71	B3EWP3.1	1018736824	17
Arachis hypogaea	Peanut	Ara h 13.0102	Unassigned	Arachis Ara h 13 defensin	IgE but no biological test	72	COHJZ1.1	1018736837	17
Arachis hypogaea	Peanut	Ara h 13.0101	Unassigned	Arachis Ara h 13 defensin	IgE but no biological test	79	B3EWP4.1	1018736830	17
Arachis hypogaea	Peanut	Ara h 2.0201	Food Plant	Arachis Ara h 2	IgE plus basophil+ or SPT+	172	AAN77576.1	26245447	7
Arachis hypogaea	Peanut	Ara a 2	Food Plant	Arachis Ara h 2	IgE plus basophil+ or SPT+	169	AAM78596.1	31322017	7
Arachis hypogaea	Peanut	Ara h 2.0101	Food Plant	Arachis Ara h 2	IgE plus basophil+ or SPT+	156	AAK96887.1	15418705	10
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 2	IgE plus basophil+ or SPT+	158	ACN62248.1	224747150	10
Arachis hypogaea	Peanut	Ara h 3.0101	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	507	AAC63045.1	3703107	7
Arachis hypogaea	Peanut	Ara h 3.0201	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	530	AAD47382.1	5712199	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	538	AAM46958.1	21314465	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	219	AAM93157.1	22135348	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	512	ABI17154.1	112380623	8
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	530	ACH91862.1	199732457	10
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	510	3C3V_A	224036293	10
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 3 Glycinin	IgE plus basophil+ or SPT+	512	ADQ53859.1	312233065	12
Arachis hypogaea	Peanut	Ara h 5.0101	Food Plant	Arachis Ara h 5	IgE plus basophil+ or SPT+	131	AAD55587.1	5902968	7

Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 5	IgE plus basophil+ or SPT+	131	ADB96066.1	284810529	11
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 5	IgE plus basophil+ or SPT+	131	AGA84056.1	431812555	14
Arachis hypogaea	Peanut	Ara h 6.0101	Food Plant	Arachis Ara h 6	IgE plus basophil+ or SPT+	129	AAD56337.1	5923742	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 6	IgE plus basophil+ or SPT+	144	AAL37561.1	17225991	7
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 6	IgE plus basophil+ or SPT+	127	1W2Q_A	159163254	9
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 6	IgE plus basophil+ or SPT+	145	Q647G9.1	75114094	10
Arachis hypogaea	Peanut	Ara h 7.0101	Food Plant	Arachis Ara h 7	IgE but no biological test	160	AAD56719.1	5931948	7
Arachis hypogaea	Peanut	Ara h 7.0201	Food Plant	Arachis Ara h 7	IgE but no biological test	164	ABW17159.1	158121995	10
Arachis hypogaea	Peanut	Ara h 8.0101	Food Plant	Arachis Ara h 8	IgE plus basophil+ or SPT+	157	AAQ91847.1	37499626	7
Arachis hypogaea	Peanut	Ara h 8.0201	Food Plant	Arachis Ara h 8	IgE plus basophil+ or SPT+	153	ABP97433.1	145904610	9
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 8	IgE plus basophil+ or SPT+	157	ACA79908.1	169786740	9
Arachis hypogaea	Peanut	Unassigned	Food Plant	Arachis Ara h 8	IgE plus basophil+ or SPT+	157	ABG85155.1	110676574	12
Arachis hypogaea	Peanut	Ara h 9.0101	Food Plant	Arachis Ara h 9 LTP isoallergens	IgE but no biological test	116	ABX56711.1	161087230	10
Arachis hypogaea	Peanut	Ara h 9.0201	Food Plant	Arachis Ara h 9 LTP isoallergens	IgE but no biological test	92	ABX75045.1	161610580	10
Arachis hypogaea	Peanut	Ara h 10.0101	Food Plant	Arachis hypogaea Ara h 10	IgE but no biological test	169	AAU21499.2	113200509	15
Arachis hypogaea	Peanut	Ara h 10.0102	Food Plant	Arachis hypogaea Ara h 10	IgE but no biological test	150	AAU21500.1	52001239	15
Arachis hypogaea	Peanut	Ara h 11.0101	Food Plant	Arachis hypogaea Ara h 11	IgE but no biological test	137	AAZ20276.1	71040655	15
Arachis hypogaea	Peanut	Ara h 11.0102	Food Plant	Arachis hypogaea Ara h 11	IgE but no biological test	137	Q45W86	122218540	16
Argas reflexus	European pigeon tick	Arg r 1.0101	Venom or Salivary	Argas Arg r 1	IgE plus basophil+ or SPT+	159	CAG26895.1	58371884	7
Argas reflexus	European pigeon tick	Unassigned	Venom or Salivary	Argas Arg r 1	IgE plus basophil+ or SPT+	144	2X45_A	322812205	12
Artemisia vulgaris	Mugwort	Art v 1.0101	Aero Plant	Artemisia Art v 1	IgE plus basophil+ or SPT+	132	AAO24900.1	27818335	7
Artemisia vulgaris	Mugwort	Art v 2.0101	Aero Plant	Artemisia Art v 2	IgE but no biological test	162	CAK50834.1	148887203	9
Artemisia vulgaris	Mugwort	Art v 3.0101	Aero Plant	Artemisia Art v 3	IgE plus basophil+ or SPT+	37	POC088.1	73621307	7
Artemisia vulgaris	Mugwort	Art v 3.0201	Aero Plant	Artemisia Art v 3	IgE plus basophil+ or SPT+	114	ACE07186.1	189544578	11

Artemisia vulgaris	Mugwort	Art v 3.0202	Aero Plant	Artemisia Art v 3	IgE plus basophil+ or SPT+	116	ACE07187.1	189544584	11
Artemisia vulgaris	Mugwort	Art v 3.0301	Aero Plant	Artemisia Art v 3	IgE plus basophil+ or SPT+	117	ACE07188.1	189544590	11
Artemisia vulgaris	Mugwort	Unassigned	Aero Plant	Artemisia Art v 3	IgE plus basophil+ or SPT+	117	ACE07189.1	189544595	11
Artemisia vulgaris	Mugwort	Art v 4.0101	Aero Plant	Artemisia Art v 4	IgE but no biological test	133	CAD12861.1	25955969	15
Artemisia vulgaris	Mugwort	Art v 4.0201	Aero Plant	Artemisia Art v 4	IgE but no biological test	133	CAD12862.1	25955971	15
Artemisia vulgaris	Mugwort	Art v 6.0101	Aero Plant	Artemisia Art v 6 pectate lyase	IgE but no biological test	396	AAX85388.1	62530263	8
Artemisia vulgaris	Mugwort	Art v 5.0101	Aero Plant	Artemisia mugwort Art v 5	IgE plus basophil+ or SPT+	82	AAX85389.1	62530265	15
Arthroderma benhamiae	Fungus	Unassigned	Contact	Trichophyton (Arthroderma) Tri m 4	IgE plus basophil+ or SPT+	726	CAD23611.1	23894232	7
Arthroderma benhamiae	Fungus	Unassigned	Contact	Trichophyton (Arthroderma) Tri r 2	IgE plus basophil+ or SPT+	292	CAD23613.1	23894240	7
Arthroderma benhamiae	Fungus	Unassigned	Contact	Trichophyton (Arthroderma) Tri r 2	IgE plus basophil+ or SPT+	404	CAD23614.1	23894244	7
Arthroderma vanbreusegheimii	Fungus	Unassigned	Contact	Trichophyton (Arthroderma) Tri m 4	IgE plus basophil+ or SPT+	726	BAH09387.1	219687753	10
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	134	AAD13644.1	2735096	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	134	AAD13645.1	2735098	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	133	AAD13647.1	2735102	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	133	AAD13649.1	2735106	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	267	AAD13650.1	2735108	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	267	AAD13651.1	2735110	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	267	AAD13652.1	2735112	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	134	AAB93837.1	2735114	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	134	AAB93839.1	2735118	7
Ascaris lumbricoides	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	134	AAD13646.1	2735100	7
Ascaris lumbricoides	Parasitic roundworm	Asc l 3.0101	Worm (parasite)	Ascaris tropomyosin Asc l 3	IgE but no biological test	287	ACN32322.1	224016002	10
Ascaris suum	Parasitic roundworm	Asc s 1	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	68	AAB26195.1	299550	7
Ascaris suum	Parasitic roundworm	Asc s 1.0101	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	1365	Q06811.2	77416849	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 12 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Ascaris suum	Parasitic roundworm	Unassigned	Worm (parasite)	Ascaris Asc s 1	IgE but no biological test	134	2XV9_A	343197079	12
Ascaris suum	Parasitic roundworm	Asc s 13.0101	Worm (parasite)	Ascaris lumbricoides/suum Glutathione S-transfera	IgE plus basophil+ or SPT+	206	P46436.3	1170109	15
Aspergillus flavus	Fungus	Unassigned	Aero Fungi	Aspergillus Oryzin Asp o 13, fl 13	IgE but no biological test	403	Q9UVU3	74665726	7
Aspergillus fumigatus	Fungus	Asp f 1	Aero Fungi	Aspergillus Asp f 1	IgE plus basophil+ or SPT+	125	CAA06305.1	3021324	7
Aspergillus fumigatus	Fungus	Asp f 1	Aero Fungi	Aspergillus Asp f 1	IgE plus basophil+ or SPT+	150	AAF86369.1	9280360	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 1	IgE plus basophil+ or SPT+	176	P67875.1	54039254	7
Aspergillus fumigatus	Fungus	Asp f 10.0101	Aero Fungi	Aspergillus Asp f 10	IgE but no biological test	395	CAA59419.1	963013	7
Aspergillus fumigatus	Fungus	Asp f 11.0101	Aero Fungi	Aspergillus Asp f 11	IgE plus basophil+ or SPT+	178	CAB44442.1	5019414	7
Aspergillus fumigatus	Fungus	Asp f 18.0101	Aero Fungi	Aspergillus Asp f 18 and Asp n 18	IgE but no biological test	495	CAA73782.1	2143220	7
Aspergillus fumigatus	Fungus	Asp f 2	Aero Fungi	Aspergillus Asp f 2	IgE but no biological test	250	AAB07620.1	664852	7
Aspergillus fumigatus	Fungus	Asp f 2.0101	Aero Fungi	Aspergillus Asp f 2	IgE but no biological test	310	P79017.2	83300352	7
Aspergillus fumigatus	Fungus	Asp f 22.0101	Aero Fungi	Aspergillus Asp f 22	IgE but no biological test	438	AAK49451.1	13925873	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 22	IgE but no biological test	438	Q96X30.3	83288046	7
Aspergillus fumigatus	Fungus	Asp f 23.0101	Aero Fungi	Aspergillus Asp f 23	IgE but no biological test	392	AAM43909.1	21215170	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 23	IgE but no biological test	392	Q8NKF4.2	83305621	7
Aspergillus fumigatus	Fungus	Asp f 27.0101	Aero Fungi	Aspergillus Asp f 27	IgE but no biological test	163	CAI78448.1	91680605	7
Aspergillus fumigatus	Fungus	Asp f 28.0101	Aero Fungi	Aspergillus Asp f 28	IgE but no biological test	108	CAI78449.1	91680607	7
Aspergillus fumigatus	Fungus	Asp f 29.0101	Aero Fungi	Aspergillus Asp f 29	IgE but no biological test	110	CAI78450.1	91680609	7
Aspergillus fumigatus	Fungus	Asp f 3.0101	Aero Fungi	Aspergillus Asp f 3	IgE plus basophil+ or SPT+	168	AAB95638.1	2769700	7
Aspergillus fumigatus	Fungus	Asp f 34.0101	Aero Fungi	Aspergillus Asp f 34	IgE plus basophil+ or SPT+	185	CAM54066.1	133920236	8
Aspergillus fumigatus	Fungus	Asp f 4.0101	Aero Fungi	Aspergillus Asp f 4	IgE plus basophil+ or SPT+	286	CAA04959.1	3005839	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 4	IgE plus basophil+ or SPT+	322	O60024.2	83300369	7
Aspergillus fumigatus	Fungus	Asp f 5.0101	Aero Fungi	Aspergillus Asp f 5	IgE but no biological test	634	CAA83015.1	3776613	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 5	IgE but no biological test	634	P46075.3	85541646	11

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 13 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Aspergillus fumigatus	Fungus	Asp f 6.0101	Aero Fungi	Aspergillus Asp f 6	IgE plus basophil+ or SPT+	221	AAB60779.1	1648970	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 6	IgE plus basophil+ or SPT+	210	Q92450.3	83305645	7
Aspergillus fumigatus	Fungus	Asp f 7.0101	Aero Fungi	Aspergillus Asp f 7	IgE but no biological test	270	O42799.2	83300389	7
Aspergillus fumigatus	Fungus	Asp f 8.0101	Aero Fungi	Aspergillus Asp f 8	IgE plus basophil+ or SPT+	111	CAB64688.1	6686524	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 8	IgE plus basophil+ or SPT+	111	Q9UUZ6.2	83305635	7
Aspergillus fumigatus	Fungus	Asp f 9.0101	Aero Fungi	Aspergillus Asp f 9	IgE but no biological test	302	CAA11266.1	2879890	7
Aspergillus fumigatus	Fungus	Unassigned	Aero Fungi	Aspergillus Endo-chitosanase	IgE but no biological test	238	Q875I9.1	74629604	16
Aspergillus fumigatus Af293	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 2	IgE but no biological test	304	EAL89830.1	66849502	7
Aspergillus fumigatus Af293	Fungus	Unassigned	Aero Fungi	Aspergillus Endo-chitosanase	IgE but no biological test	242	Q4WB37.1	74666748	16
Aspergillus fumigatus var. RP-2014	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 4	IgE plus basophil+ or SPT+	322	KEY81716.1	666434194	16
Aspergillus fumigatus var. RP-2014	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 7	IgE but no biological test	270	KEY78748.1	666431137	16
Aspergillus niger	Fungus	Unassigned	Aero Fungi	Aspergillus Asp f 18 and Asp n 18	IgE but no biological test	533	AAA32702.1	289172	7
Aspergillus niger	Fungus	Asp n 14	Aero Fungi	Aspergillus Asp n 14	IgE but no biological test	804	CAB06417.1	2181180	7
Aspergillus niger	Fungus	Asp n 14.0101	Aero Fungi	Aspergillus Asp n 14	IgE but no biological test	804	AAD13106.1	4235093	7
Aspergillus oryzae	Fungus	Asp o 21	Aero Fungi	Aspergillus Asp o 21	IgE plus basophil+ or SPT+	499	P0C1B3.1	94706935	7
Aspergillus oryzae	Fungus	Asp o 21.0101	Aero Fungi	Aspergillus Asp o 21	IgE plus basophil+ or SPT+	499	AAA32708.1	166531	15
Aspergillus oryzae	Fungus	Asp f o 13.0101	Aero Fungi	Aspergillus Oryzin Asp o 13, fl 13	IgE but no biological test	403	P12547.2	129235	7
Aspergillus versicolor	Fungus	Asp v 13.0101	Aero Fungi	Aspergillus versicolor serine protease	IgE but no biological test	403	ADE74975.1	294441150	16
Bacillus lentus	Bacteria	Unassigned	Bacteria airway	Bacillus lentus subtilisin	IgE but no biological test	269	P29600.1	267048	9
Bacillus licheniformis	Bacteria	Unassigned	Bacteria airway	Bacillus licheniformis subtilisin	IgE plus basophil+ or SPT+	379	P00780.1	135016	9
Bacillus licheniformis	Bacteria	Unassigned	Bacteria airway	Bacillus licheniformis subtilisin	IgE plus basophil+ or SPT+	374	AAG31026.1	11127680	9
Bacillus sp.	Bacteria	Unassigned	Bacteria airway	Bacillus lentus Esperase	IgE but no biological test	361	BAA05540.1	1225905	9
Balanus rostratus	Crustacean	Unassigned	Food Animal	Balanus r tropomyosin	IgE but no biological test	284	BAF46896.1	125659386	9
Bassia scoparia	summer cypress	Koc s 1.0101	Aero Plant	Kochia scoparia Koc s 1	IgE but no biological test	167	AKV72169.1	914410012	16

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 14 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Bassia scoparia	summer cypress	Koc 2.2.0101	Aero Plant	Kochia scoparia Koc s 2.01	IgE but no biological test	133	AIV43661.1	701225194	17
Batillus cornutus	Japanese turban shell	Unassigned	Food Animal	Batillus Tur c1	IgE but no biological test	284	BAH10149.1	219806588	10
Bertholletia excelsa	Brazil nut	Ber e 1.0101	Food Plant	Bertholletia Ber e 1	IgE plus basophil+ or SPT+	146	P04403.2	112754	7
Bertholletia excelsa	Brazil nut	Ber e 2.0101	Food Plant	Bertholletia Ber e 2	IgE but no biological test	465	AAO38859.1	30313867	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	51	A45786	320545	7
Betula pendula	European white birch	Bet v 1.0301	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54696.1	534898	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	CAA54695.1	534900	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54694.1	534910	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96546.1	1321714	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96539.1	1321716	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96540.1	1321718	7
Betula pendula	European white birch	Bet v 1.0205	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96541.1	1321720	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96542.1	1321722	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96543.1	1321724	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96544.1	1321726	7
Betula pendula	European white birch	Bet v 1.0115	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96547.1	1321728	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	P43186.2	1168710	7
Betula pendula	European white birch	Bet v 1.0108	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAB02155.1	1542861	7
Betula pendula	European white birch	Bet v 1.0109	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAB02156.1	1542863	7
Betula pendula	European white birch	Bet v 1.0110	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAB02157.1	1542865	7
Betula pendula	European white birch	Bet v 1.0111	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAB02158.1	1542867	7
Betula pendula	European white birch	Bet v 1.0117	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAB02159.1	1542869	7
Betula pendula	European white birch	Bet v 1.0113	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAB02160.1	1542871	7
Betula pendula	European white birch	Bet v 1.0114	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAB02161.1	1542873	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 15 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA96545.1	2414158	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA05186.1	2564220	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA05187.1	2564222	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA05188.1	2564224	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA05190.1	2564228	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07318.1	4006928	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07319.1	4006945	7
Betula pendula	European white birch	Bet v 1.0117	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07323.1	4006953	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07324.1	4006955	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07325.1	4006957	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07326.1	4006959	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07327.1	4006961	7
Betula pendula	European white birch	Bet v 1.0118	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07329.1	4006965	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA07330.1	4006967	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	CAA04823.1	4376216	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	CAA04826.1	4376219	7
Betula pendula	European white birch	Bet v 1.0116	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	CAA04827.1	4376220	7
Betula pendula	European white birch	Bet v 1.0206	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	CAA04828.1	4376221	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	CAA04829.1	4376222	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	AAD26560.1	4590392	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	AAD26561.1	4590394	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	AAD26562.1	4590396	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	P43180.2	1168706	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	1QMR_A	11514622	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 16 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	21	AAP37482.1	30908931	7
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	1LLT_A	38492423	7
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	43	AAB20452.1	239734	7
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	120	CAA07328.1	4006963	7
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	120	CAA07320.1	4006947	7
Betula pendula	European white birch	Bet v 1.0203	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54488.1	452742	8
Betula pendula	European white birch	Bet v 1.0207	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	150	ABC41592.1	83722317	8
Betula pendula	European white birch	Bet v 1.0119	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	150	ABC41615.1	83722364	8
Betula pendula	European white birch		Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	1B6F_A	159162097	9
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	4BK7_A	560188693	15
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	4B9R_A	550544347	15
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	4BKC_A	565807648	15
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	4BKD_A	560188694	15
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	4BK6_B	560188692	15
Betula pendula	European white birch	Bet v 1.0101	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA33887.1	17938	15
Betula pendula	European white birch	Bet v 1.0102	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54482.1	452732	15
Betula pendula	European white birch	Bet v 1.0103	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54483.1	452734	15
Betula pendula	European white birch	Bet v 1.0104	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54484.1	452736	15
Betula pendula	European white birch	Bet v 1.0106	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54487.1	452740	15
Betula pendula	European white birch	Bet v 1.0107	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54489.1	452744	15
Betula pendula	European white birch	Bet v 1.0201	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54421.1	450885	15
Betula pendula	European white birch	Bet v 1.0202	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	CAA54481.1	452730	15
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	4BTZ_A	661918055	16
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	159	4Z3L_D	955264732	17



Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 1b	IgE plus basophil+ or SPT+	51	B45786	320546	7
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 2	IgE plus basophil+ or SPT+	133	1CQA_A	157830684	9
Betula pendula	European white birch	Bet v 2.0101	Aero Plant	Betula Bet v 2	IgE plus basophil+ or SPT+	133	AAA16522.1	166953	11
Betula pendula	European white birch	Unassigned	Aero Plant	Betula Bet v 2	IgE plus basophil+ or SPT+	133	A4K9Z8.1	576017922	15
Betula pendula	European white birch	Bet v 3.0101	Aero Plant	Betula Bet v 3	IgE but no biological test	205	CAA55854.1	488605	15
Betula pendula	European white birch	Bet v 4.0101	Aero Plant	Betula Bet v 4	IgE but no biological test	85	CAA60628.1	809536	15
Betula pendula	European white birch	Bet v 6.0102	Aero Plant	Betula Bet v 6	IgE but no biological test	308	AAG22740.1	10764491	7
Betula pendula	European white birch	Bet v 7.0101	Aero Plant	Betula Bet v 7	IgE but no biological test	173	CAC84116.1	21886603	7
Betula pendula	European white birch	Bet v 8.0101	Aero Plant	Betula Bet v 8 glutathione S-transferase	IgE plus basophil+ or SPT+	237	AHF71027.1	573005958	16
Betula platyphylla	Japanese white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	BAB21489.1	12583681	7
Betula platyphylla	Japanese white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	BAB21490.1	12583683	7
Betula platyphylla	Japanese white birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	160	BAB21491.1	12583685	7
Betula sp.	Birch	Unassigned	Aero Plant	Betula Bet v 1	IgE plus basophil+ or SPT+	51	AAB25850.1	298736	7
Betula sp.	Birch	Unassigned	Aero Plant	Betula Bet v 1b	IgE plus basophil+ or SPT+	51	AAB25851.1	298737	7
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella chymotrypsin-like	IgE but no biological test	252	AJO53282.1	757943154	16
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella 36 kDa allergen	IgE but no biological test	20	AAB29344.1	544618	7
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella 36 kDa allergen	IgE but no biological test	25	AAB29345.1	544619	7
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella arginine kinase Bla g 9	IgE but no biological test	356	ACM24358.1	221602737	10
Blattella germanica	German cockroach	Bla g 9.0101	Aero Insect	Blattella arginine kinase Bla g 9	IgE but no biological test	356	ABC86902.1	86160922	18
Blattella germanica	German cockroach	Bla g 1.0201	Aero Insect	Blattella Bla g 1	IgE plus basophil+ or SPT+	492	AAD13531.1	4240395	7
Blattella germanica	German cockroach	Bla g 1.0101	Aero Insect	Blattella Bla g 1	IgE plus basophil+ or SPT+	412	AAD13530.2	4572592	7
Blattella germanica	German cockroach	Bla g 11.0101	Aero Insect	Blattella Bla g 11 alpha Amylase	IgE but no biological test	515	ABC68516.1	85002763	15
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 2	IgE plus basophil+ or SPT+	330	1YG9_A	62738637	7
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 2	IgE plus basophil+ or SPT+	352	ABP35603.1	145105726	9

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 18 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Blattella germanica	German cockroach	Bla g 2.0101	Aero Insect	Blattella Bla g 2	IgE plus basophil+ or SPT+	352	AAA86744.1	1176397	11
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 2	IgE plus basophil+ or SPT+	334	3LIZ_A	315113421	12
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 3	IgE but no biological test	657	ACY40650.1	262272875	11
Blattella germanica	German cockroach	Bla g 3.0101	Aero Insect	Blattella Bla g 3	IgE but no biological test	657	ACY40651.1	262272877	11
Blattella germanica	German cockroach	Bla g 4.0101	Aero Insect	Blattella Bla g 4	IgE plus basophil+ or SPT+	182	AAA87851.1	1166573	7
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 4	IgE plus basophil+ or SPT+	182	ABP04043.1	144952778	9
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 4	IgE plus basophil+ or SPT+	181	ACJ37389.1	212675308	10
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 4	IgE plus basophil+ or SPT+	191	ACF53836.1	194350815	11
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 4	IgE plus basophil+ or SPT+	190	ACF53837.1	194350817	11
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella Bla g 5	IgE plus basophil+ or SPT+	200	ABP04044.1	144952780	9
Blattella germanica	German cockroach	Bla g 5.0101	Aero Insect	Blattella Bla g 5	IgE plus basophil+ or SPT+	200	AAB72147.1	2326190	11
Blattella germanica	German cockroach	Bla g 6.0101	Aero Insect	Blattella Bla g 6	IgE but no biological test	151	ABB89296.1	82704032	8
Blattella germanica	German cockroach	Bla g 6.0201	Aero Insect	Blattella Bla g 6	IgE but no biological test	151	ABB89297.1	82704034	8
Blattella germanica	German cockroach	Bla g 6.0301	Aero Insect	Blattella Bla g 6	IgE but no biological test	154	ABB89298.1	82704036	8
Blattella germanica	German cockroach	Bla g 7.0101	Aero Insect	Blattella Bla g 7	IgE but no biological test	284	AAF72534.1	8101069	7
Blattella germanica	German cockroach	Unassigned	Aero Insect	Blattella delta GST	IgE but no biological test	216	ABX57814.1	161137518	11
Blomia tropicalis	Mite	Blo t 1.0101	Aero Mite	Blomia Blo t 1.01	IgE but no biological test	221	AAK58415.1	14276828	7
Blomia tropicalis	Mite	Blo t 1.0201	Aero Mite	Blomia Blo t 1.02	IgE but no biological test	333	AAQ24541.1	33667928	8
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 1.02	IgE but no biological test	333			8
Blomia tropicalis	Mite	Blo t 10.0101	Aero Mite	Blomia Blo t 10	IgE plus basophil+ or SPT+	284	ABU97466.1	156938889	9
Blomia tropicalis	Mite	Blo t 11.0101	Aero Mite	Blomia Blo t 11	IgE plus basophil+ or SPT+	875	AAM83103.1	21954740	7
Blomia tropicalis	Mite	Blo t 12.0101	Aero Mite	Blomia Blo t 12	IgE plus basophil+ or SPT+	144	AAA78904.1	902012	7
Blomia tropicalis	Mite	Unassigned	Aero Insect	Blomia Blo t 12	IgE plus basophil+ or SPT+	69	2MFK_A	723586656	16
Blomia tropicalis	Mite	Blo t 13.0101	Aero Mite	Blomia Blo t 13.01	IgE but no biological test	130	AAC80579.1	1377859	7

Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 21	IgE plus basophil+ or SPT+	129	ABH06350.1	111120432	8
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 21	IgE plus basophil+ or SPT+	129	ABH06347.1	111494253	8
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 21	IgE plus basophil+ or SPT+	129	ABH06346.1	111120424	8
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 21	IgE plus basophil+ or SPT+	129	ABH06348.1	111120428	8
Blomia tropicalis	Mite	Blo t 21.0101	Aero Insect	Blomia Blo t 21	IgE plus basophil+ or SPT+	129	AAX34047.1	60679570	9
Blomia tropicalis	Mite	Blo t 3.0101	Aero Mite	Blomia Blo t 3	IgE but no biological test	266	AAM10779.1	25989482	7
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 3	IgE but no biological test	266	AAQ24542.1	33667930	8
Blomia tropicalis	Mite	Blo t 4.0101	Aero Insect	Blomia Blo t 4 alpha amylase	IgE plus basophil+ or SPT+	506	AAQ24543.1	33667932	8
Blomia tropicalis	Mite	Blo t 5.0101	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	134	AAD10850.1	4204917	7
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	134	ABH06352.1	111120436	9
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	134	ABH06359.1	111120450	9
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	119	2JMH_A	160285626	9
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	135	APU87558.1	1131385191	18
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	133	APU87557.1	1131385189	18
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	135	APU87556.1	1131385187	18
Blomia tropicalis	Mite	Unassigned	Aero Mite	Blomia Blo t 5	IgE plus basophil+ or SPT+	134	APU87554.1	1131385183	18
Blomia tropicalis	Mite	Unassigned	Aero Insect	Blomia Blo t 7	IgE but no biological test	192	AAQ24545.1	33667936	8
Blomia tropicalis	Mite	Blo t 7.0101	Aero Mite	Blomia Blo t 7	IgE but no biological test	195	ASX95438.1	1241067909	18
Blomia tropicalis	Mite	Unassigned	Aero Insect	Blomia Blo t 8	IgE but no biological test	236	AAP35069.1	37958149	8
Blomia tropicalis	Mite	Blo t 8.0101	Aero Insect	Blomia Blo t 8	IgE but no biological test	236	ACV04860.1	256665455	11
Bombus pennsylvanicus	Bumblebee	Bom p 1.0101	Venom or Salivary	Bombus Bom p 1	IgE but no biological test	136	Q7M416.1	47117013	12
Bombus pennsylvanicus	Bumblebee	Bom p 4.0101	Venom or Salivary	Bombus Bom p 4 protease	IgE but no biological test	243	Q7M413.1	75009997	12
Bombus terrestris	Bumblebee	Bom t 1.0101	Venom or Salivary	Bombus Bom t 1	IgE but no biological test	136	P82971.1	14423832	7
Bombus terrestris	Bumblebee	Bom t 4.0101	Venom or Salivary	Bombus Bom t 4 protease	IgE but no biological test	20	POCH88.1	313471465	12

Bombyx mori	Silkworm	Bomb m 1.0101	Aero Insect	Bombyx Bomb m 1	IgE but no biological test	355	ABB88514.1	82658675	15
Bos grunniens mutus	Yak	Bos d 11.0101	Food Animal	Bos Bos d 11 beta casein	IgE plus basophil+ or SPT+	259	XP_005902099.2	942073448	16
Bos taurus	Bovine	Unassigned	Food Animal	Bos Alpha-s1 casein	IgE plus basophil+ or SPT+	93	AAA62707.1	162650	7
Bos taurus	Bovine	Unassigned	Food Animal	Bos Alpha-s1 casein	IgE plus basophil+ or SPT+	214	AAA30429.1	162794	7
Bos taurus	Bovine	Unassigned	Food Animal	Bos Alpha-s1 casein	IgE plus basophil+ or SPT+	76	AAA30478.1	162927	7
Bos taurus	Bovine	Bos d 9.0101	Food Animal	Bos Alpha-s1 casein	IgE plus basophil+ or SPT+	214	NP_851372.1	30794348	8
Bos taurus	Bovine	Unassigned	Food Animal	Bos Alpha-s1 casein	IgE plus basophil+ or SPT+	205	ABW98943.1	159793197	9
Bos taurus	Bovine	Unassigned	Food Animal	Bos Alpha-s1 casein	IgE plus basophil+ or SPT+	172	ABW98945.1	159793201	9
Bos taurus	Bovine	Unassigned	Food Animal	Bos Alpha-s1 casein	IgE plus basophil+ or SPT+	129	ABW98953.1	159793217	9
Bos taurus	Bovine	Bos d 10.0101	Food Animal	Bos Bos d 10	IgE plus basophil+ or SPT+	222	NP_776953.1	27806963	15
Bos taurus	Bovine	Unassigned	Food Animal	Bos Bos d 11 beta casein	IgE plus basophil+ or SPT+	224	AAA30430.1	162797	7
Bos taurus	Bovine	Bos d 11.0101	Food Animal	Bos Bos d 11 beta casein	IgE plus basophil+ or SPT+	224	AAA30431.1	162805	7
Bos taurus	Bovine	Unassigned	Food Animal	Bos Bos d 11 beta casein	IgE plus basophil+ or SPT+	224	AAB29137.1	459292	7
Bos taurus	Bovine	Unassigned	Food Animal	Bos Bos d 12	IgE plus basophil+ or SPT+	190	AAA30433.1	162811	7
Bos taurus	Bovine	Bos d 12.0101	Food Animal	Bos Bos d 12	IgE plus basophil+ or SPT+	190	NP_776719.1	27881412	15
Bos taurus	Bovine	Bos d 2.0101	Aero Animal	Bos Bos d 2	IgE but no biological test	172	AAB08720.1	886215	7
Bos taurus	Bovine	Bos d 3.0101	Aero Animal	Bos Bos d 3	IgE but no biological test	101	Q28050.1	2493414	7
Bos taurus	Bovine	Unassigned	Food Animal	Bos Bos d 4	IgE plus basophil+ or SPT+	142	CAA29664.1	295774	7
Bos taurus	Bovine	Bos d 4.0101	Food Animal	Bos Bos d 4	IgE plus basophil+ or SPT+	142	AAA30615.1	163283	15
Bos taurus	Bovine	Bos d 5.0101	Food Animal	Bos Bos d 5	IgE plus basophil+ or SPT+	178	CAA32835.1	520	7
Bos taurus	Bovine	Unassigned	Food Animal	Bos Bos d 5	IgE plus basophil+ or SPT+	178	P02754.3	125910	9
Bos taurus	Bovine	Unassigned	Food Animal	Bos Bos d 5	IgE plus basophil+ or SPT+	178	ACG59280.1	195957138	10
Bos taurus	Bovine	Bos d 6.0101	Food Animal	Bos Bos d 6	IgE plus basophil+ or SPT+	607	AAA51411.1	162648	7
Bos taurus	Bovine	Unassigned	Food Animal	Bos Bos d 6	IgE plus basophil+ or SPT+	607	CAA76847.1	3336842	7

Bos taurus	Bovine	Unassigned	Vaccine	Bos collagen alpha2	IgE plus basophil+ or SPT+	1364	NP_776945.1	27806257	11
Bos taurus	Bovine	Unassigned	Food Animal	Bos lactotransferrin	IgE but no biological test	708	NP_851341.1	30794292	8
Brassica juncea	Mustard	Bra j 1.0101	Food Plant	Brassica Bra j 1 2S albumin	IgE but no biological test	129	P80207.1	32363444	9
Brassica napus	Rape	Bra n 1.0101	Food Plant	Bra n 1	IgE but no biological test	125	P80208.1	75107016	9
Brassica napus	Rape	Unassigned	Aero Plant	Bra n Bra r 2	IgE but no biological test	83	S65144	2129801	7
Brassica napus	Rape	Unassigned	Aero Plant	Bra n Bra r 2	IgE but no biological test	83	S65145	2129802	7
Brassica napus	Rape	Unassigned	Food Plant	Brassica napus 2S albumin	IgE but no biological test	109	AAN86249.1	26985163	7
Brassica oleracea var. oleracea	Wild cabbage	Bra o 3.0101	Aero Plant	Brassica Bra o 3 LTP full length	IgE plus basophil+ or SPT+	112	XP_013623213.1	922434456	16
Brassica rapa	Turnip	Unassigned	Aero Plant	Bra n Bra r 2	IgE but no biological test	80	S65143	2129805	7
Brassica rapa	Turnip	Bra r 1.0101	Food Plant	Brassica Bra r 1	IgE but no biological test	178	CAA46782.1	17697	9
Brassica rapa	Turnip	Bra r 5.0101	Food Plant	Brassica Calcim binding protein Group I	IgE but no biological test	79	BAA09634.1	1255540	15
Brassica rapa subsp. rapa	Turnip	Unassigned	Aero Plant	Bra n Bra r 2	IgE but no biological test	83	P69199.1	59800146	7
Brassica rapa subsp. rapa	Turnip	Bra r 2.0101	Contact	Brassica Bra r 2	IgE but no biological test	91	P81729.1	32363456	9
Candida albicans	Yeast	Cand a 1.0101	Contact	Candida Cand a 1 Alcohol dehydrogenase	IgE but no biological test	350	CAA57342.1	608690	15
Candida albicans	Yeast	Cand a 3.0101	Contact	Candida Cand a 3 Peroxisomal protein	IgE but no biological test	236	AAN11300.1	37548637	7
Candida albicans	Yeast	Unassigned	Contact	Candida Enolase 1	IgE plus basophil+ or SPT+	440	P30575.1	232054	7
Canis familiaris	Dog	Can f 1.0101	Aero Animal	Canis Can f 1 Lipocalin	IgE plus basophil+ or SPT+	174	AAC48794.1	2598974	11
Canis familiaris	Dog	Can f 2	Aero Animal	Canis Can f 2 Lipocalin	IgE plus basophil+ or SPT+	177	CAD82911.1	29292272	7
Canis familiaris	Dog	Can f 2	Aero Animal	Canis Can f 2 Lipocalin	IgE plus basophil+ or SPT+	179	CAD82912.1	29292274	7
Canis familiaris	Dog	Can f 2.0101	Aero Animal	Canis Can f 2 Lipocalin	IgE plus basophil+ or SPT+	180	AAC48795.1	2598976	11
Canis familiaris	Dog	Can f 3	Aero Animal	Canis Can f 3 Serum albumin	IgE plus basophil+ or SPT+	265	AAB30434.1	633938	7
Canis familiaris	Dog	Can f 3	Aero Animal	Canis Can f 3 Serum albumin	IgE plus basophil+ or SPT+	585	CAA76841.1	3319897	7
Canis familiaris	Dog	Can f 3.0101	Aero Animal	Canis Can f 3 Serum albumin	IgE plus basophil+ or SPT+	608	BAC10663.1	22531688	15
Canis familiaris	Dog	Can f 4.0101	Aero Animal	Canis Can f 4 epithelial 18 kDa	IgE but no biological test	174	ACY38525.1	262232390	12

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 22 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Canis familiaris	Dog	Unassigned	Aero Animal	Canis Can f 4 epithelial 18 kDa	IgE but no biological test	174	AHY24648.1	625295108	16
Canis familiaris	Dog	Can f 5.0101	Aero Animal	Canis Can f 5	IgE but no biological test	260	CAA68720.1	868	15
Canis familiaris	Dog	Can f 6.0101	Aero Animal	Canis Can f 6 Lipocalin	IgE but no biological test	190	CCF72371.1	374092884	13
Canis familiaris	Dog	Can f 7.0101	Aero Animal	Canis familiarisCan f 7	IgE but no biological test	149	AAB34263.1	945179	16
Cannabis sativa	Hemp	Can s 3.0101	Aero Plant	Cannabis LTP Can s 3	IgE but no biological test	91	CCK33472.1	571256597	15
Capsicum annuum	Bell pepper	Cap a 1.0101	Food Plant	Capsicum Cap a 1	IgE but no biological test	246	CAC34055.2	16609959	7
Capsicum annuum	Bell pepper	Cap a 2.0101	Food Plant	Capsicum Cap a 2	IgE but no biological test	131	CAD10376.1	16555785	7
Carica papaya	Papaya		Aero Plant	Carica Car p 1 not official name	IgE plus basophil+ or SPT+	345	AAB02650.1	167391	7
Carpinus betulus	Hornbeam	Car b 1.0102	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	159	CAA47357.1	402745	7
Carpinus betulus	Hornbeam	Car b 1.0103	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	CAB02206.1	1545875	7
Carpinus betulus	Hornbeam	Car b 1.0104	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	CAB02207.1	1545877	7
Carpinus betulus	Hornbeam	Car b 1.0105	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	CAB02208.1	1545879	7
Carpinus betulus	Hornbeam	Car b 1.0108	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	CAB02215.1	1545893	7
Carpinus betulus	Hornbeam	Car b 1.0301	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	161	CAB02216.1	1545895	7
Carpinus betulus	Hornbeam	Car b 1.0302	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	161	CAB02217.1	1545897	7
Carpinus betulus	Hornbeam	Unassigned	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	40	AAB20453.1	239735	7
Carpinus betulus	Hornbeam	Car b 1.0113	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	ABZ81044.1	167472845	10
Carpinus betulus	Hornbeam	Car b 1.0109	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	ABZ81040.1	167472837	10
Carpinus betulus	Hornbeam	Car b 1.0112	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	ABZ81043.1	167472843	10
Carpinus betulus	Hornbeam	Car b 1.0111	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	ABZ81042.1	167472841	10
Carpinus betulus	Hornbeam	Car b 1.0110	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	ABZ81041.1	167472839	10
Carpinus betulus	Hornbeam	Unassigned	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	80	AAB34907.1	1008578	12
Carpinus betulus	Hornbeam	Unassigned	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	80	AAB34908.1	1008579	12
Carpinus betulus	Hornbeam	Unassigned	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	80	AAB34909.1	1008580	12

Carpinus betulus	Hornbeam	Car b 1.0101	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	159	CAA47366.1	402743	15
Carpinus betulus	Hornbeam	Car b 1.0106	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	CAB02209.1	1545881	15
Carpinus betulus	Hornbeam	Car b 1.0107	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	160	CAB02213.1	1545889	15
Carpinus betulus	Hornbeam	Car b 1.0201	Aero Plant	Carpinus Car b 1	IgE plus basophil+ or SPT+	159	CAA47367.1	402747	15
Carya illinoensis	Pecan	Car i 1.0101	Food Plant	Carya Car i 1 Seed storage protein	IgE but no biological test	143	AAO32314.1	28207731	7
Carya illinoensis	Pecan	Car i 4.0101	Food Plant	Carya Car i 4 11s legumin	IgE but no biological test	505	ABW86978.1	158998780	14
Carya illinoensis	Pecan	Unassigned	Food Plant	Carya Car i 4 11s legumin	IgE but no biological test	505	ABW86979.1	158998782	14
Carya illinoensis	Pecan	Car i 2.0101	Food Plant	Carya illinoensis Car i 2 vicilin	IgE but no biological test	792	ABV49590.1	157384600	15
Carya illinoensis	Pecan		Food Plant	Carya illinoensis Car i 2 vicilin	IgE but no biological test	426	5E1R_F	1052244924	18
Caryota mitis	Fishtail Palm	Unassigned	Aero Plant	Caryota profilin	IgE but no biological test	131	ABM53030.1	121277849	8
Castanea sativa	European chestnut		Aero Plant	Castanea Cas s 1	IgE but no biological test	160	CAD10374.1	16555781	7
Castanea sativa	European chestnut	Unassigned	Aero Plant	Castanea Cas s 1	IgE but no biological test	159	ACJ23862.1	212291466	10
Castanea sativa	European chestnut	Cas s 1.0101	Aero Plant	Castanea Cas s 1	IgE but no biological test	159	ACJ23861.1	212291464	10
Castanea sativa	European chestnut	Unassigned	Aero Plant	Castanea Cas s 1	IgE but no biological test	159	ACJ23863.1	212291468	10
Castanea sativa	European chestnut	Cas s 5.0101	Food Plant	Castanea Cas s 5	IgE plus basophil+ or SPT+	316	CAA64868.1	1359600	7
Castanea sativa	European chestnut	Unassigned	Food Plant	Castanea Cas s 5	IgE plus basophil+ or SPT+	298	ADN39439.1	307159110	12
Catharanthus roseus	Madagascar periwinkle	Cat r 1.0101	Aero Plant	Catharanthus cyclophilin	IgE plus basophil+ or SPT+	172	CAA59468.1	1220142	13
Cavia porcellus	Domestic guinea pig	Cav p 1.0101	Aero Animal	Cavia Cav p 1	IgE but no biological test	15	P83507.1	32469617	7
Cavia porcellus	Domestic guinea pig	Cav p 2.0101	Aero Animal	Cavia Cav p 2	IgE but no biological test	170	CAX62129.1	325910590	12
Cavia porcellus	Domestic guinea pig	Cav p 3.0101	Aero Animal	Cavia Cav p 3 lipocalin	IgE plus basophil+ or SPT+	170	CAX62130.1	325910592	12
Chamaecyparis obtusa	Japanese cypress	Cha o 1.0101	Aero Plant	Chamaecyparis Cha o 1	IgE but no biological test	375	BAA08246.1	1514943	7
Chamaecyparis obtusa	Japanese cypress	Cha o 2.0101	Aero Plant	Chamaecyparis Cha o 2	IgE but no biological test	514	Q7M1E7.1	47606004	7
Chamaecyparis obtusa	Japanese cypress	Unassigned	Aero Plant	Chamaecyparis Cha o 2	IgE but no biological test	419	BAF32143.1	114841683	8
Chamaecyparis obtusa	Japanese cypress	Cha o 3.0101	Aero Plant	Chamaecyparis obtusa Cha o 3	IgE plus basophil+ or SPT+	436			17

Charybdis feriatius	Crab	Cha f 1.0101	Food Animal	Charybdis Cha f 1	IgE but no biological test	264	AAF35431.1	7024506	7
Chenopodium album	Pigweed	Che a 1.0101	Aero Plant	Chenopodium Che a 1	IgE but no biological test	168	AAL07319.1	22074346	7
Chenopodium album	Pigweed	Che a 2.0101	Aero Plant	Chenopodium Che a 2	IgE plus basophil+ or SPT+	131	AAL92870.1	29465666	7
Chenopodium album	Pigweed	Unassigned	Aero Plant	Chenopodium Che a 2	IgE plus basophil+ or SPT+	133	ACR77509.1	238886048	11
Chenopodium album	Pigweed	Che a 3.0101	Aero Plant	Chenopodium Che a 3	IgE but no biological test	86	AAL92871.1	29465668	7
Chionoecetes opilio	Snow Crab	Unassigned	Food Animal	Chionoecetes tropomyosin	IgE but no biological test	284	A2V735.1	308191588	12
Chironomus kiiensis	Midge	Chi k 10.0101	Aero Insect	Chironomus Chi k 10	IgE but no biological test	285	CAA09938.2	7321108	7
Chironomus thummi thummi	Midge	Chi t 1.0101	Aero Insect	Chironomus Chi t 1	IgE but no biological test	151	P02229.2	121219	7
Chironomus thummi thummi	Midge	Chi t 1.0201	Aero Insect	Chironomus Chi t 1	IgE but no biological test	151	P02230.1	121227	7
Chironomus thummi thummi	Midge	Chi t 2.0101	Aero Insect	Chironomus Chi t 2	IgE but no biological test	158	P02221.2	2506460	7
Chironomus thummi thummi	Midge	Chi t 3.0601	Aero Insect	Chironomus Chi t 3	IgE but no biological test	161	P84296.1	56405052	7
Chironomus thummi thummi	Midge	Chi t 3.0901	Aero Insect	Chironomus Chi t 3	IgE but no biological test	151	P02227.1	121237	7
Chironomus thummi thummi	Midge	Chi t 3.0501	Aero Insect	Chironomus Chi t 3	IgE but no biological test	161	P12548.1	121244	7
Chironomus thummi thummi	Midge	Chi t 3.0701	Aero Insect	Chironomus Chi t 3	IgE but no biological test	161	P84298.1	56405054	7
Chironomus thummi thummi	Midge	Chi t 3.0702	Aero Insect	Chironomus Chi t 3	IgE but no biological test	161	P12549.1	121248	7
Chironomus thummi thummi	Midge	Chi t 3.0801	Aero Insect	Chironomus Chi t 3	IgE but no biological test	162	P12550.1	121249	7
Chironomus thummi thummi	Midge	Chi t 3.0301	Aero Insect	Chironomus Chi t 3	IgE but no biological test	161	P02226.2	56405306	7
Chironomus thummi thummi	Midge	Chi t 3.0101	Aero Insect	Chironomus Chi t 3	IgE but no biological test	160	P02222.2	1707908	7
Chironomus thummi thummi	Midge	Chi t 3.0401	Aero Insect	Chironomus Chi t 3	IgE but no biological test	161	P02223.2	1707911	7
Chironomus thummi thummi	Midge	Chi t 3.0201	Aero Insect	Chironomus Chi t 3	IgE but no biological test	162	P02224.2	2506461	7
Chironomus thummi thummi	Midge	Chi t 4.0101	Aero Insect	Chironomus Chi t 4	IgE but no biological test	151	P02231.1	121256	7
Chironomus thummi thummi	Midge	Chi t 9.0101	Aero Insect	Chironomus Chi t 9	IgE but no biological test	151	P02228.1	121259	7
Citrullus lanatus		Citr l 2.0101	Food Plant	Citrullus lanatus Citr l 2	IgE plus basophil+ or SPT+	131	AAU43733.1	52352489	17
Citrus limon	Lemon	Cit l 3.0101	Food Plant	Citrus LTP Cit s 3/Cit l 3	IgE plus basophil+ or SPT+	20	P84160.1	52783176	7



Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 25 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Citrus sinensis	Navel orange	Cit s 1.0101	Food Plant	Citrus Cit s 1	IgE plus basophil+ or SPT+	25	P84159.1	52782810	7
Citrus sinensis	Navel orange	Cit s 2.0101	Food Plant	Citrus Cit s 2	IgE plus basophil+ or SPT+	131	CAI23765.1	56000996	7
Citrus sinensis	Navel orange	Cit s 3.0101	Food Plant	Citrus LTP Cit s 3/Cit I 3	IgE plus basophil+ or SPT+	20	P84161.1	52783177	7
Citrus sinensis	Navel orange	Cit s 3.0102	Food Plant	Citrus LTP Cit s 3/Cit I 3	IgE plus basophil+ or SPT+	91	CAH03799.1	50199132	7
Cladosporium cladosporioides	Fungus	Cla c 14.0101	Aero Fungi	Cladosporium Cla c 14	IgE but no biological test	325	ADK47394.1	301015198	15
Cladosporium cladosporioides	Fungus	Cla c 9.0101	Aero Fungi	Cladosporium Cla c 9 Davidiella	IgE but no biological test	388	ABQ59329.1	148361511	11
Clupea harengus	Atlantic herring	Clu h 1.0101	Food Animal	Clupea Clu h 1	IgE but no biological test	109	CAQ72970.1	242253963	11
Clupea harengus	Atlantic herring	Clu h 1.0201	Food Animal	Clupea Clu h 1	IgE but no biological test	110	CAQ72971.1	242253965	11
Clupea harengus	Atlantic herring	Clu h 1.0301	Food Animal	Clupea Clu h 1	IgE but no biological test	109	CAQ72972.1	242253967	11
Cochliobolus lunatus	Fungus	Cur l 2.0101	Aero Fungi	Curvularia lunata enolase Cur l 2.01 Cochliobolus	IgE but no biological test	440	AAK67491.1	14585753	8
Cochliobolus lunatus	Fungus	Cur l 3.0101	Aero Fungi	Curvularia lunata Cur l 3 Cochliobolus	IgE plus basophil+ or SPT+	108	AAK67492.1	14585755	15
Cochliobolus lunatus	Fungus	Cur l 4.0101	Aero Fungi	Curvularia Cur l 4	IgE plus basophil+ or SPT+	506	ACF19589.1	193507493	15
Cochliobolus lunatus	Fungus	Unassigned	Aero Fungi	Curvularia lunata alcohol dehydrogenase	IgE but no biological test	352	ABC88428.1	86278351	17
Coffea arabica	Coffee	Cof a 3.0101	Food Plant	Coffea Cof a 3	IgE but no biological test	65	AGL34968.1	494319676	15
Coffea arabica	Coffee	Cof a 1.0101	Food Plant	Coffea Cof a 1	IgE but no biological test	263	ADH10372.1	296399179	15
Coffea arabica	Coffee	Cof a 2.0101	Food Plant	Coffea Cof a 2	IgE but no biological test	80	AGL34967.1	494319674	15
Coprinus comatus	Shaggy mane	Cop c 1.0101	Food Fungi	Coprinus Cop c 1	IgE but no biological test	81	CAB39376.1	4538529	7
Corylus avellana	European hazelnut	Cor a 1.0103	Aero Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	160	CAA50325.1	22684	7
Corylus avellana	European hazelnut	Cor a 1.0104	Aero Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	160	CAA50326.1	22686	7
Corylus avellana	European hazelnut	Cor a 1.0102	Aero Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	160	CAA50328.1	22690	7
Corylus avellana	European hazelnut	Cor a 1.0201	Aero Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	160	CAA96548.1	1321731	7
Corylus avellana	European hazelnut	Cor a 1.0301	Aero Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	160	CAA96549.1	1321733	7
Corylus avellana	European hazelnut	Cor a 1.0401	Food Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	161	AAD48405.1	5726304	7
Corylus avellana	European hazelnut	Cor a 1.0402	Food Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	161	AAG40329.1	11762102	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 26 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Corylus avellana	European hazelnut	Cor a 1.0403	Food Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	161	AAG40330.1	11762104	7
Corylus avellana	European hazelnut	Cor a 1.0404	Food Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	161	AAG40331.1	11762106	7
Corylus avellana	European hazelnut	Cor a 1.0101	Food Plant	Corylus Cor a 1	IgE plus basophil+ or SPT+	160	CAA50327.1	22688	15
Corylus avellana	European hazelnut	Cor a 11.0101	Food Plant	Corylus Cor a 11	IgE plus basophil+ or SPT+	448	AAL86739.1	19338630	7
Corylus avellana	European hazelnut	Cor a 12.0101	Food Plant	Corylus Cor a 12	IgE plus basophil+ or SPT+	159	AAO67349.2	49617323	15
Corylus avellana	European hazelnut	Cor a 13.0101	Food Plant	Corylus Cor a 13 Oleosin	IgE but no biological test	140	AAO65960.1	29170509	7
Corylus avellana	European hazelnut	Cor a 14.0101	Food Plant	Corylus Cor a 14 2S albumin	IgE plus basophil+ or SPT+	147	ACO56333.1	226437844	11
Corylus avellana	European hazelnut	Cor a 2.0101	Aero Plant	Corylus Cor a 2 profilins	IgE but no biological test	131	AAK01235.1	12659206	7
Corylus avellana	European hazelnut	Cor a 2.0102	Aero Plant	Corylus Cor a 2 profilins	IgE but no biological test	131	AAK01236.1	12659208	7
Corylus avellana	European hazelnut	Unassigned	Food Plant	Corylus Cor a 2 profilins	IgE but no biological test	131	A4KA41.1	576017879	15
Corylus avellana	European hazelnut	Unassigned	Food Plant	Corylus Cor a 2 profilins	IgE but no biological test	133	A4KA40.1	576017878	15
Corylus avellana	European hazelnut	Unassigned	Food Plant	Corylus Cor a 2 profilins	IgE but no biological test	133	A4KA44.1	576017819	15
Corylus avellana	European hazelnut	Unassigned	Food Plant	Corylus Cor a 2 profilins	IgE but no biological test	131	A4KA43.1	576017779	15
Corylus avellana	European hazelnut	Unassigned	Food Plant	Corylus Cor a 2 profilins	IgE but no biological test	133	A4KA45.1	576017777	15
Corylus avellana	European hazelnut	Unassigned	Food Plant	Corylus Cor a 2 profilins	IgE but no biological test	133	A4KA39.1	576017776	15
Corylus avellana	European hazelnut	Cor a 8.0101	Food Plant	Corylus Cor a 8	IgE but no biological test	115	AAK28533.1	13507262	7
Corylus avellana	European hazelnut	Cor 19.0101	Food Plant	Corylus Cor a 9	IgE plus basophil+ or SPT+	515	AAL73404.1	18479082	7
Corylus avellana	European hazelnut	Unassigned	Aero Plant	Corylus Cor a 9	IgE plus basophil+ or SPT+	514	AHA36627.1	557792009	16
Crangon crangon	Shrimp	Cra c 1.0101	Food Animal	Crangon Cra c 1 tropomyosin	IgE but no biological test	284	ACR43473.1	238477263	12
Crangon crangon	Shrimp	Cra c 2.0101	Food Animal	Crangon Cra c 2 arginine kinase	IgE but no biological test	356	ACR43474.1	238477265	12
Crangon crangon	Shrimp	Cra c 4.0101	Food Animal	Crangon Cra c 4 sarcoplasmic calcium-binding prote	IgE but no biological test	193	ACR43475.1	238477327	12
Crangon crangon	Shrimp	Cra c 5.0101	Food Animal	Crangon Cra c 5 myosin light chain	IgE but no biological test	153	ACR43477.1	238477331	12
Crangon crangon	Shrimp	Cra c 6.0101	Food Animal	Crangon Cra c 6 troponin C	IgE but no biological test	150	ACR43478.1	238477333	12
Crangon crangon	Shrimp	Cra c 8.0101	Food Animal	Crangon Cra c 8 triosephosphate isomerase	IgE but no biological test	249	ACR43476.1	238477329	12

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 27 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Crassostrea gigas	American oyster	Cra g 1.0102	Food Animal	Crassostrea Tropomyosin Cra g 1	IgE but no biological test	284	BAH10152.1	219806594	10
Crassostrea gigas	American oyster	Cra g 1.0101	Food Animal	Crassostrea Tropomyosin Cra g 1	IgE but no biological test	284	ARX70262.1	1203820203	18
Crassostrea virginica	Eastern oyster	Unassigned	Food Animal	Crassostrea Tropomyosin Cra g 1	IgE but no biological test	160	AAC61869.1	3668408	7
Crocus sativus	Saffron crocus	Cro s 2.0101	Aero Plant	Crocus profilin Cro s 2	IgE but no biological test	131	AAW81034.1	58700651	7
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria class IV chitinase	IgE but no biological test	281	BAD77932.1	56550550	7
Cryptomeria japonica	Japanese cedar	Cry j 1.0102	Aero Plant	Cryptomeria Cry j 1	IgE but no biological test	374	BAA05543.1	493634	8
Cryptomeria japonica	Japanese cedar	Cry j 1.0101	Aero Plant	Cryptomeria Cry j 1	IgE but no biological test	374	BAA05542.1	493632	15
Cryptomeria japonica	Japanese cedar	Cry j 1.0103	Aero Plant	Cryptomeria Cry j 1	IgE but no biological test	374	BAA07020.1	516728	15
Cryptomeria japonica	Japanese cedar		Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	P43212.1	1171004	7
Cryptomeria japonica	Japanese cedar		Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAC23082.1	24898904	7
Cryptomeria japonica	Japanese cedar		Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAC23083.1	24898906	7
Cryptomeria japonica	Japanese cedar		Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAC23084.1	24898908	7
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32105.1	114841607	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32110.1	114841617	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32116.1	114841629	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32119.1	114841635	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32122.1	114841641	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32128.1	114841653	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32130.1	114841657	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32133.1	114841663	8
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAF32134.1	114841665	8
Cryptomeria japonica	Japanese cedar	Cry j 2.0101	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	514	BAA06172.1	506858	9
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Cry j 2	IgE plus basophil+ or SPT+	65	BAF45320.1	123299282	9
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria Isoflavone reductase-like protein	IgE but no biological test	306	AAK27264.1	19847822	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 28 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria pollen allergen CJP-8	IgE but no biological test	165	BAI94503.1	291621332	12
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria pollen allergen CPA63	IgE but no biological test	472	BAJ04354.1	293329689	12
Cryptomeria japonica	Japanese cedar	Unassigned	Aero Plant	Cryptomeria thaumatin like Cry j 3.8	IgE plus basophil+ or SPT+	225	BAF51970.1	139002766	8
Cucumis melo	Muskmelon	Cuc m 1.0101	Food Plant	Cucumis Cuc m 1	IgE but no biological test	731	BAA06905.1	807698	7
Cucumis melo	Muskmelon	Unassigned	Food Plant	Cucumis Cuc m 2	IgE plus basophil+ or SPT+	131	CAD92666.1	31559374	7
Cucumis melo	Muskmelon	Cuc m 2.0101	Food Plant	Cucumis Cuc m 2	IgE plus basophil+ or SPT+	131	AAW69549.1	58263793	7
Cucumis melo	Muskmelon	Cuc m 3.0101	Food Plant	Cucumis Cuc m 3	IgE plus basophil+ or SPT+	41	P83834.1	46396595	9
Cucumis melo var. inodorus	Muskmelon	Unassigned	Food Plant	Cucumis Cuc m 3	IgE plus basophil+ or SPT+	151	ACB45874.1	171464770	9
Cucumis melo var. reticulatus	Netted muskmelon	Unassigned	Food Plant	Cucumis Cuc m 2	IgE plus basophil+ or SPT+	131	AAP13533.2	57021110	7
Cupressus arizonica	Arizona Cypress	Cup a 1.0101	Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	346	CAB62551.1	6562326	7
Cupressus arizonica	Arizona Cypress		Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	367	CAC37790.2	19069497	7
Cupressus arizonica	Arizona Cypress	Unassigned	Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	347	ABK78766.1	118197955	8
Cupressus arizonica	Arizona Cypress	Unassigned	Aero Plant	Cupressus Cup a 4	IgE but no biological test	165	ACY01951.1	261865475	11
Cupressus arizonica	Arizona Cypress	Unassigned	Aero Plant	Cupressus Cup s 3	IgE but no biological test	199	CAC05258.1	9929163	7
Cupressus sempervirens	Mediterranean Cypress	Cup s 1.0101	Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	367	AAF72625.1	8101711	7
Cupressus sempervirens	Mediterranean Cypress	Cup s 1.0102	Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	367	AAF72626.1	8101713	7
Cupressus sempervirens	Mediterranean Cypress	Cup s 1.0103	Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	367	AAF72627.1	8101715	7
Cupressus sempervirens	Mediterranean Cypress	Cup s 1.0104	Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	367	AAF72628.1	8101717	7
Cupressus sempervirens	Mediterranean Cypress	Cup s 1.0105	Aero Plant	Cupressus Cup a 1/Cup s 1	IgE plus basophil+ or SPT+	367	AAF72629.1	8101719	7
Cupressus sempervirens	Mediterranean Cypress	Cup s 3.0102	Aero Plant	Cupressus Cup s 3	IgE but no biological test	225	AAR21074.1	38456228	7
Cupressus sempervirens	Mediterranean Cypress	Cup s 3.0101	Aero Plant	Cupressus Cup s 3	IgE but no biological test	225	AAR21073.1	38456226	11
Cynodon dactylon	Bermuda grass		Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	25	AAB28566.1	451274	7
Cynodon dactylon	Bermuda grass		Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	38	AAB28567.1	451275	7
Cynodon dactylon	Bermuda grass		Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	34	AAB32317.1	691726	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 29 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Cynodon dactylon	Bermuda grass	Cyn d 1.0204	Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	244	AAF80379.2	10314021	7
Cynodon dactylon	Bermuda grass	Cyn d 1.0201	Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	244	AAK96255.1	15384338	7
Cynodon dactylon	Bermuda grass	Cyn d 1.0202	Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	262	AAL14077.1	16076693	7
Cynodon dactylon	Bermuda grass		Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	262	AAL14078.1	16076695	7
Cynodon dactylon	Bermuda grass	Cyn d 1.0203	Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	262	AAL14079.1	16076697	7
Cynodon dactylon	Bermuda grass	Cyn d 1.0101	Aero Plant	Cynodon Cyn d 1	IgE plus basophil+ or SPT+	246	AAB50734.2	7687901	10
Cynodon dactylon	Bermuda grass	Cyn d 12.0101	Aero Plant	Cynodon Cyn d 12	IgE but no biological test	131	CAA69670.1	2154730	7
Cynodon dactylon	Bermuda grass	Unassigned	Aero Plant	Cynodon Cyn d 7	IgE but no biological test	71	CAA01909.1	1247373	7
Cynodon dactylon	Bermuda grass	Unassigned	Aero Plant	Cynodon Cyn d 7	IgE but no biological test	73	CAA01910.1	1247375	7
Cynodon dactylon	Bermuda grass	Cyn d 7.0101	Aero Plant	Cynodon Cyn d 7	IgE but no biological test	82	CAA62634.1	1871507	7
Cynodon dactylon	Bermuda grass	Unassigned	Aero Plant	Cynodon Group 4 like-allergen FAD-linked oxidoredu	IgE but no biological test	522	AAS02108.1	41393750	7
Cyprinus carpio	Carp	Cyp c 1.0101	Food Animal	Cyprinus Cyp c 1 Parvalbumin	IgE plus basophil+ or SPT+	109	CAC83658.1	17977825	7
Cyprinus carpio	Carp	Cyp c 1.0201	Food Animal	Cyprinus Cyp c 1 Parvalbumin	IgE plus basophil+ or SPT+	109	CAC83659.1	17977827	7
Dactylis glomerata	Orchard grass		Aero Plant	Dactylis Dac g 1	IgE plus basophil+ or SPT+	264	CAD20406.1	18093991	7
Dactylis glomerata	Orchard grass	Dac g 1.0101	Aero Plant	Dactylis Dac g 1	IgE plus basophil+ or SPT+	240	AAP96759.1	33149333	7
Dactylis glomerata	Orchard grass	Dac g 2.0101	Aero Plant	Dactylis Dac g 2	IgE but no biological test	196	2103117A	1093120	7
Dactylis glomerata	Orchard grass		Aero Plant	Dactylis Dac g 2	IgE but no biological test	122	CAA10345.1	4007040	7
Dactylis glomerata	Orchard grass	Dac g 3.0101	Aero Plant	Dactylis Dac g 3	IgE but no biological test	96	AAB42200.1	1825459	7
Dactylis glomerata	Orchard grass	Dac g 4.0101	Aero Plant	Dactylis Dac g 4	IgE but no biological test	55	P82946.1	32363463	9
Dactylis glomerata	Orchard grass		Aero Plant	Dactylis Dac g 5	IgE but no biological test	290	AAK62278.1	14423124	7
Dactylis glomerata	Orchard grass		Aero Plant	Dactylis Dac g 5	IgE but no biological test	265	CAD20405.1	18093971	7
Daucus carota	Carrot	Unassigned	Food Plant	Daucus cyclophilin	IgE but no biological test	171	AEY79726.1	373939374	13
Daucus carota	Carrot	Dau c 1.0101	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	168	AAB01092.1	1335877	7
Daucus carota	Carrot	Dau c 1.0102	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	BAA13604.1	1663522	7

Daucus carota	Carrot	Dau c 1.0103	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	CAB03715.1	2154732	7
Daucus carota	Carrot	Dau c 1.0104	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	CAB03716.1	2154734	7
Daucus carota	Carrot	Dau c 1.0105	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	CAB06416.1	2154736	7
Daucus carota	Carrot	Dau c 1.0201	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	AAL76932.1	18652047	7
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	BAB88129.1	19912791	7
Daucus carota	Carrot	Dau c 1.0301	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	ADL32660.1	302379147	12
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	ADL32661.1	302379149	12
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	ADL32662.1	302379151	12
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	ADL32663.1	302379153	12
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	ADL32664.1	302379155	12
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	ADL32665.1	302379157	12
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 1	IgE plus basophil+ or SPT+	154	ADL32666.1	302379159	12
Daucus carota	Carrot	Dau c 4.0101	Food Plant	Daucus Dau c 4	IgE plus basophil+ or SPT+	134	AAL76933.1	18652049	7
Daucus carota	Carrot	Dau c 5.0101	Food Plant	Daucus Dau c 5 isoflavone reductase	IgE but no biological test	306	AEY79728.1	373939378	13
Daucus carota	Carrot	Unassigned	Food Plant	Daucus Dau c 5 isoflavone reductase	IgE but no biological test	306	AEY79727.1	373939376	13
Davidiella tassiana	Fungus	Cla h 10.0101	Aero Fungi	Cladosporium / Davidiella Cla h 10	IgE but no biological test	496	CAA55072.2	76666769	7
Davidiella tassiana	Fungus	Cla h 5.0101	Aero Fungi	Cladosporium / Davidiella Cla h 5	IgE but no biological test	111	CAA55067.2	5777795	10
Davidiella tassiana	Fungus	Cla h 6.0101	Aero Fungi	Cladosporium / Davidiella Cla h 6	IgE but no biological test	440	CAA55070.1	467660	7
Davidiella tassiana	Fungus		Aero Fungi	Cladosporium / Davidiella Cla h 6	IgE but no biological test	440	P42040.2	6015094	7
Davidiella tassiana	Fungus	Cla h 7.0101	Aero Fungi	Cladosporium / Davidiella Cla h 7	IgE but no biological test	204	CAA55068.1	467629	10
Davidiella tassiana	Fungus	Cla h 8.0101	Aero Fungi	Cladosporium / Davidiella Cla h 8	IgE plus basophil+ or SPT+	267	AAO91801.1	37780015	8
Davidiella tassiana	Fungus	Cla h 9.0101	Aero Fungi	Cladosporium / Davidiella Cla h 9 vacuolar serine	IgE but no biological test	518	AAX14379.1	60116876	10
Davidiella tassiana	Fungus	Unassigned	Aero Fungi	Cladosporium / Davidiella Heat shock 70 kDa protei	IgE but no biological test	643	P40918.1	729764	7
Davidiella tassiana	Fungus	Unassigned	Aero Fungi	Cladosporium / Davidiella Hydrophobin	IgE plus basophil+ or SPT+	105	CAD42710.1	22796153	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 31 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Davidiella tassiana	Fungus	Unassigned	Aero Fungi	Cladosporium / Davidiella putative hydrolase	IgE but no biological test	274	ABA42918.1	76446100	10
Davidiella tassiana	Fungus	Unassigned	Aero Fungi	Cladosporium / Davidiella Putative nuclear transpo	IgE plus basophil+ or SPT+	125	CAD38166.1	21748151	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Der f 36 from Proteome	IgE but no biological test	229	ATI08931.1	1250175279	18
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Der f alpha actinin	IgE plus basophil+ or SPT+	885	L7U285.1	1160577980	18
Dermatophagoides farinae	House dust mite	Der f 13.0101	Aero Mite	Dermatophagoides Der f 13	IgE plus basophil+ or SPT+	131	AAP35078.1	37958167	11
Dermatophagoides farinae	House dust mite	Der f 15.0101	Aero Mite	Dermatophagoides Der f 15 Der p 15	IgE but no biological test	555	AAD52672.1	5815436	7
Dermatophagoides farinae	House dust mite	Der f 16.0101	Aero Mite	Dermatophagoides Der f 16	IgE but no biological test	480	AAM64112.1	21591547	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 20 / Der p 20	IgE but no biological test	356	AAP57094.1	37785884	8
Dermatophagoides farinae	House dust mite	Der f 20.0201	Aero Mite	Dermatophagoides Der f 20 / Der p 20	IgE but no biological test	356	ABU97470.1	156938897	9
Dermatophagoides farinae	House dust mite	Der f 20.0101	Aero Mite	Dermatophagoides Der f 20 / Der p 20	IgE but no biological test	356	AIO08850.1	685432792	15
Dermatophagoides farinae	House dust mite	Der f 24.0101	Aero Mite	Dermatophagoides Der f 24 and Der p 24 Ubiquinol	IgE but no biological test	118	AGI78542.1	477541860	14
Dermatophagoides farinae	House dust mite	Der f 25.0101	Aero Mite	Dermatophagoides Der f 25	IgE but no biological test	247	AGC56216.1	442565872	14
Dermatophagoides farinae	House dust mite	Der f 25.0201	Aero Mite	Dermatophagoides Der f 25	IgE but no biological test	247	AIO08860.1	685432812	15
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 27	IgE plus basophil+ or SPT+	427	AAP35082.1	37958175	8
Dermatophagoides farinae	House dust mite	Der p 1.0102	Aero Mite	Dermatophagoides Der f 27	IgE plus basophil+ or SPT+	427	AIO08851.1	685432794	15
Dermatophagoides farinae	House dust mite	Der f 28.0101	Aero Mite	Dermatophagoides Der f 28	IgE but no biological test	659	AGC56218.1	442565876	14
Dermatophagoides farinae	House dust mite	Der f 28.0201	Aero Mite	Dermatophagoides Der f 28	IgE but no biological test	654	AIO08848.1	685432788	15
Dermatophagoides farinae	House dust mite	Der f 29.0101	Aero Mite	Dermatophagoides Der f 29	IgE plus basophil+ or SPT+	164	AAP35065.1	37958141	8
Dermatophagoides farinae	House dust mite	Der f 30.0101	Aero Mite	Dermatophagoides Der f 30	IgE plus basophil+ or SPT+	171	AGC56219.1	442565878	14
Dermatophagoides farinae	House dust mite	Der f 31.0101	Aero Mite	Dermatophagoides Der f 31	IgE plus basophil+ or SPT+	148	AIO08870.1	685432832	15
Dermatophagoides farinae	House dust mite	Der f 33.0101	Aero Mite	Dermatophagoides Der f 33	IgE but no biological test	461	AIO08861.1	685432814	15
Dermatophagoides farinae	House dust mite	Der f 35.0101	Aero Mite	Dermatophagoides Der f 35	IgE but no biological test	143	BAX34757.1	1187443130	18
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 5-like	IgE but no biological test	132	BAE45865.1	76880188	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 5-like	IgE but no biological test	132	AAP35068.1	37958147	8

Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 5-like	IgE but no biological test	132	ABO84970.1	140089345	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 5-like	IgE but no biological test	132	ABO84971.1	140089347	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 5-like	IgE but no biological test	132	ABO84972.1	140089349	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 5-like	IgE but no biological test	132	ABO84973.1	140089351	9
Dermatophagoides farinae	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	321	P16311.2	730035	7
Dermatophagoides farinae	House dust mite	Der f 1.0101	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	321	BAC53948.1	27530349	7
Dermatophagoides farinae	House dust mite	Der f 1.0102	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	276	ABA39436.1	76097507	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	321	ABU49605.1	156106765	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	263	AAP35075.1	37958161	12
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	305	AFJ68066.1	387178006	13
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	303	ADM52184.1	305387429	15
Dermatophagoides farinae	House dust mite	Der f 1.0108	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	321	ABL84749.1	119633260	15
Dermatophagoides farinae	House dust mite	Der f 1.0109	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	321	ABL84750.1	119633262	15
Dermatophagoides farinae	House dust mite	Der f 1.0110	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	321	ABL84751.1	119633264	15
Dermatophagoides farinae	House dust mite	Der f 10.0101	Aero Mite	Dermatophagoides Der p 10 / Der f 10	IgE plus basophil+ or SPT+	299	BAA04557.1	1359436	7
Dermatophagoides farinae	House dust mite	Der f 11.0101	Aero Mite	Dermatophagoides Der p 11 / Der f 11	IgE plus basophil+ or SPT+	692	AAK39511.1	13785807	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 11 / Der f 11	IgE plus basophil+ or SPT+	876	AIO08864.1	685432820	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 14 / Der f 14	IgE but no biological test	341	P39673.1	729979	7
Dermatophagoides farinae	House dust mite	Der f 14.0101	Aero Mite	Dermatophagoides Der p 14 / Der f 14	IgE but no biological test	349	BAA04558.1	1545803	7
Dermatophagoides farinae	House dust mite	Der f 2.0102	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	BAA01240.1	217306	7
Dermatophagoides farinae	House dust mite	Der f 2.0103	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	138	BAA01241.1	217308	7
Dermatophagoides farinae	House dust mite	Der f 2.0105	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	AAL47677.1	17978844	7
Dermatophagoides farinae	House dust mite	Der f 2.0108	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	CAI05850.1	55859470	7
Dermatophagoides farinae	House dust mite	Der f 2.0107	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	CAI05849.1	55859468	7



Dermatophagoides farinae	House dust mite	Der f 2.0106	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	CAI05848.1	55859466	7
Dermatophagoides farinae	House dust mite	Der f 2.0109	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	ABA39438.1	76097511	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	BAD74060.2	256631558	11
Dermatophagoides farinae	House dust mite	Der f 2.0112	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	140	AAP35073.1	37958157	12
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	AFJ68072.1	387178018	13
Dermatophagoides farinae	House dust mite	Der f 2.0101	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	138	BAA01239.1	217304	15
Dermatophagoides farinae	House dust mite	Der f 2.0116	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	ABN14313.1	124696217	15
Dermatophagoides farinae	House dust mite		Aero Mite	Dermatophagoides Der p 3 / Der f 3	IgE but no biological test	232	AAA99805.1	1314736	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 3 / Der f 3	IgE but no biological test	259	ABY28115.1	163638970	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 3 / Der f 3	IgE but no biological test	259	ACK76291.1	218203816	10
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 3 / Der f 3	IgE but no biological test	259	ACK76292.1	218203818	10
Dermatophagoides farinae	House dust mite	Der f 3.0101	Aero Mite	Dermatophagoides Der p 3 / Der f 3	IgE but no biological test	259	BAA09920.1	1311457	15
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 6 / Der f 6	IgE but no biological test	20	AAB27594.1	404371	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 6 / Der f 6	IgE but no biological test	279	ACK76296.1	218203826	10
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 6 / Der f 6	IgE but no biological test	279	ACK76297.1	218203828	10
Dermatophagoides farinae	House dust mite	Der f 6.0101	Aero Mite	Dermatophagoides Der p 6 / Der f 6	IgE but no biological test	279	AAF28423.1	6808530	11
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 7 / Der f 7	IgE plus basophil+ or SPT+	213	AAP35077.1	37958165	8
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 7 / Der f 7	IgE plus basophil+ or SPT+	213	ACK76299.1	218203832	10
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 7 / Der f 7	IgE plus basophil+ or SPT+	213	AIO08853.1	685432798	16
Dermatophagoides farinae	House dust mite	Der f 18.0101	Aero Mite	Dermatophagoides farinae Der f 18 Der p 18	IgE but no biological test	462	AAM19082.1	27550039	7
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 21 Chew	IgE but no biological test	136	ABO84963.1	140089314	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 21 Chew	IgE but no biological test	136	ABO84964.1	140089316	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 21 Chew	IgE but no biological test	136	ABO84966.1	140089320	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 21 Chew	IgE but no biological test	136	ABO84967.1	140089322	9

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 34 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 21 Chew	IgE but no biological test	136	ABO84968.1	140089324	9
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 21 Chew	IgE but no biological test	136	ABO84969.1	140089326	9
Dermatophagoides farinae	House dust mite	Der f 21.0101	Aero Mite	Dermatophagoides farinae Der f 21 Chew	IgE but no biological test	136	AHC94806.1	567768173	15
Dermatophagoides farinae	House dust mite	Der f 34.0101	Aero Mite	Dermatophagoides farinae Der f 34	IgE but no biological test	128	BAV90601.1	1098871171	17
Dermatophagoides farinae	House dust mite	Der f 4.0101	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AHX03180.1	612487835	15
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86946.1	685848330	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86945.1	685848328	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86944.1	685848326	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86943.1	685848324	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86942.1	685848322	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86941.1	685848320	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86940.1	685848318	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AIP86939.1	685848316	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Der f 4	IgE but no biological test	525	AJF93907.1	751425403	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Pseudo-Der f 8	IgE but no biological test	219	AAP35080.1	37958171	12
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides farinae Pseudo-Der f 8	IgE but no biological test	221	AIO08867.1	685432826	16
Dermatophagoides farinae	House dust mite	Unassigned	Aero Mite	Dermatophagoides Profilin	IgE but no biological test	130	AIO08866.1	685432824	16
Dermatophagoides microceras	House dust mite	Der m 1.0101	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	30	P16312.1	127205	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Der p 36	IgE but no biological test	227	ATI08932.1	1250175281	18
Dermatophagoides pteronyssinus	House dust mite	Der p 15.0101	Aero Mite	Dermatophagoides Der f 15 Der p 15	IgE but no biological test	532	AAy84565.1	67975089	7
Dermatophagoides pteronyssinus	House dust mite	Der p 15.0102	Aero Mite	Dermatophagoides Der f 15 Der p 15	IgE but no biological test	558	AAy84564.2	78128018	7
Dermatophagoides pteronyssinus	House dust mite	Der p 20.0101	Aero Mite	Dermatophagoides Der f 20 / Der p 20	IgE but no biological test	356	ACD50950.1	188485735	10
Dermatophagoides pteronyssinus	House dust mite	Der p 24.0101	Aero Mite	Dermatophagoides Der f 24 and Der p 24 Ubiquinol	IgE but no biological test	118	ALA65345.1	922664427	16
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der f 30	IgE plus basophil+ or SPT+	180	AAG02250.1	15072346	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 35 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38361.1	21725560	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38362.1	21725562	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38363.1	21725564	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38364.1	21725566	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38365.1	21725568	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38366.1	21725570	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38367.1	21725572	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38368.1	21725574	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38369.1	21725576	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38370.1	21725578	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	CAD38371.1	21725580	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	216	AAX47076.1	61608445	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	2AS8_B	83754033	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	223	ABV66255.1	157696052	9
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	222	3F5V_B	223365887	10
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	320	ACG58378.1	195933901	10
Dermatophagoides pteronyssinus	House dust mite	Der p 1.0124	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	302	CAQ68250.1	256095986	11
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	96	AAA28296.1	387592	11
Dermatophagoides pteronyssinus	House dust mite	Der p 1.0101	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	320	AAB60215.1	511953	12
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	304	AFJ68065.1	387178004	13
Dermatophagoides pteronyssinus	House dust mite	Der p 1.0113	Aero Mite	Dermatophagoides Der p 1 Der f 1 Der m 1	IgE plus basophil+ or SPT+	302	ABA39435.1	76097505	15
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 10 / Der f 10	IgE plus basophil+ or SPT+	284	AAB69424.1	2353266	7
Dermatophagoides pteronyssinus	House dust mite	Der p 10.0101	Aero Mite	Dermatophagoides Der p 10 / Der f 10	IgE plus basophil+ or SPT+	284	CAA75141.1	2440053	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 10 / Der f 10	IgE plus basophil+ or SPT+	281	ABB52642.1	80553470	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 36 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 10 / Der f 10	IgE plus basophil+ or SPT+	284	ACI32128.1	208970286	10
Dermatophagoides pteronyssinus	House dust mite	Der p 11.0101	Aero Mite	Dermatophagoides Der p 11 / Der f 11	IgE plus basophil+ or SPT+	875	AAO73464.1	37778944	7
Dermatophagoides pteronyssinus	House dust mite	Der p 13.0101	Aero Mite	Dermatophagoides Der p 13	IgE but no biological test	131	ADK92390.1	302035350	12
Dermatophagoides pteronyssinus	House dust mite	Der p 14.0101	Aero Mite	Dermatophagoides Der p 14 / Der f 14	IgE but no biological test	1662	AAM21322.1	20385544	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	1KTJ_A	21465915	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38372.1	21725582	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38373.1	21725584	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38374.1	21725586	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38375.1	21725588	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38376.1	21725590	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38377.1	21725592	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38378.1	21725594	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38379.1	21725596	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38381.1	21725600	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38382.1	21725602	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAD38383.1	21725604	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	ABA39437.1	76097509	7
Dermatophagoides pteronyssinus	House dust mite	Der p 2.0114	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	CAK22338.1	99644635	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	130	ABG76196.1	110560872	9
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	1A9V_A	157829757	9
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	145	ABY53034.1	164415595	9
Dermatophagoides pteronyssinus	House dust mite	Der p 2.0101	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	145	AAF86462.1	9280543	10
Dermatophagoides pteronyssinus	House dust mite	Der p 2.0110	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	CAQ68249.1	256095984	11
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	AFJ68070.1	387178014	13

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 37 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	129	AFJ68067.1	387178008	13
Dermatophagoides pteronyssinus	House dust mite	Der p 21.0101	Aero Mite	Dermatophagoides Der p 21	IgE plus basophil+ or SPT+	140	ABC73706.1	85687540	7
Dermatophagoides pteronyssinus	House dust mite	Der p 23.0101	Aero Mite	Dermatophagoides Der p 23 Peritrophin-like protein	IgE plus basophil+ or SPT+	90	ACB46292.1	171466145	14
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 23 Peritrophin-like protein	IgE plus basophil+ or SPT+	50	4ZCE_A	955264737	17
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 23 Peritrophin-like protein	IgE plus basophil+ or SPT+	99	ALA22869.1	920684621	17
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 23 Peritrophin-like protein	IgE plus basophil+ or SPT+	98	ALA22868.1	920684619	17
Dermatophagoides pteronyssinus	House dust mite	Der p 3.0101	Aero Mite	Dermatophagoides Der p 3 / Der f 3	IgE but no biological test	261	AAA19973.1	511476	7
Dermatophagoides pteronyssinus	House dust mite	Der p 4.0101	Aero Mite	Dermatophagoides Der p 4	IgE but no biological test	496	AAD38942.1	5059162	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 4	IgE but no biological test	19	P49274.1	1351935	7
Dermatophagoides pteronyssinus	House dust mite	Der p 5.0102	Aero Mite	Dermatophagoides Der p 5	IgE plus basophil+ or SPT+	132	AAB32842.1	913285	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 5	IgE plus basophil+ or SPT+	132	CAD69036.1	28798085	7
Dermatophagoides pteronyssinus	House dust mite	Der p 5.0101	Aero Mite	Dermatophagoides Der p 5	IgE plus basophil+ or SPT+	148	CAA35692.1	9072	15
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 6 / Der f 6	IgE but no biological test	20	P49277.1	1352239	7
Dermatophagoides pteronyssinus	House dust mite	Der p 7.0101	Aero Mite	Dermatophagoides Der p 7 / Der f 7	IgE plus basophil+ or SPT+	215	AAA80264.1	1045602	7
Dermatophagoides pteronyssinus	House dust mite		Aero Mite	Dermatophagoides Der p 7 / Der f 7	IgE plus basophil+ or SPT+	215	CAC09234.1	10189811	7
Dermatophagoides pteronyssinus	House dust mite	Der f 7.0101	Aero Mite	Dermatophagoides Der p 7 / Der f 7	IgE plus basophil+ or SPT+	213	AAB35977.1	1311689	10
Dermatophagoides pteronyssinus	House dust mite	Der p 8.0101	Aero Mite	Dermatophagoides Der p 8	IgE but no biological test	219	AAB32224.1	807138	7
Dermatophagoides pteronyssinus	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 8	IgE but no biological test	219	AAX37326.1	60920878	7
Dermatophagoides pteronyssinus	House dust mite	Der p 18.0101	Aero Mite	Dermatophagoides farinae Der f 18 Der p 18	IgE but no biological test	462	AAAY84563.1	67975085	7
Dermatophagoides siboney	House dust mite	Unassigned	Aero Mite	Dermatophagoides Der p 2 / Der f 2	IgE plus basophil+ or SPT+	146	ABC96702.1	86450747	7
Dolichovespula arenaria	Yellow jacket		Venom or Salivary	Dolichovespula Venom allergen 5	IgE plus basophil+ or SPT+	203	AAA28303.1	156719	11
Dolichovespula maculata	Whiteface hornet	Dol m 1.02	Venom or Salivary	Dolichovespula Dol m 1 Phospholipase A1B	IgE plus basophil+ or SPT+	303	P53357.1	1709542	7
Dolichovespula maculata	Whiteface hornet	Dol m 1.0101	Venom or Salivary	Dolichovespula Dol m 1 Phospholipase A1B	IgE plus basophil+ or SPT+	317	CAA47341.1	288917	8
Dolichovespula maculata	Whiteface hornet	Dol m 2.0101	Venom or Salivary	Dolichovespula Dol m 2 Hyaluronidase	IgE plus basophil+ or SPT+	331	AAA68279.1	511604	11

Dolichovespula maculata	Whiteface hornet	Dol m 5.0101	Venom or Salivary	Dolichovespula Venom allergen 5	IgE plus basophil+ or SPT+	227	AAA28301.1	156715	11
Dolichovespula maculata	Whiteface hornet	Dol m 5.02	Venom or Salivary	Dolichovespula Venom allergen 5	IgE plus basophil+ or SPT+	212	AAA28302.1	552080	11
Epicoccum nigrum	Fungus	Epi p 1.0101	Aero Fungi	Epicoccum Epi p 1	IgE plus basophil+ or SPT+	18	P83340.1	24636820	9
Equus caballus	Horse	Equ c 1.0101	Aero Animal	Equus Equ c 1	IgE but no biological test	187	AAC48691.1	1575778	11
Equus caballus	Horse	Equ c 2.0101	Aero Animal	Equus Equ c 2	IgE but no biological test	29	P81216.1	3121755	7
Equus caballus	Horse	Equ c 2.0102	Aero Animal	Equus Equ c 2	IgE but no biological test	19	P81217.1	3121756	7
Equus caballus	Horse	Equ c 3.0101	Aero Animal	Equus Equ c 3	IgE plus basophil+ or SPT+	607	CAA52194.1	399672	7
Equus caballus	Horse	Equ c 4.0101	Aero Animal	Equus Equ c 4 and Equ c 5	IgE but no biological test	228	AAM09530.3	126514234	8
Erimacrus isenbeckii	Horsehair crab	Unassigned	Food Animal	Erimacrus tropomyosin	IgE but no biological test	284	BAF47268.1	125995169	8
Erimacrus isenbeckii	Horsehair crab	Unassigned	Food Animal	Erimacrus tropomyosin	IgE but no biological test	284	BAF47269.1	125995171	8
Eriocheir sinensis	Chinese mitten crab	Eri s 2.0101	Food Animal	Eriocheir sinensis Eri s 2	IgE plus basophil+ or SPT+	252	AAO73305.1	37778438	16
Eriocheir sinensis	Chinese mitten crab	Unassigned	Food Animal	Eriocheir tropomyosin	IgE but no biological test	284	ABO71783.1	134305330	8
Euphausia pacifica	North Pacific Krill	Unassigned	Food Animal	Euphausia	IgE plus basophil+ or SPT+	284	BAF76431.1	156712754	9
Euphausia superba	Krill	Unassigned	Food Animal	Euphausia	IgE plus basophil+ or SPT+	284	BAF76430.1	156712752	9
Euroglyphus maynei	House dust mite	Eur m 1.0101	Aero Mite	Euroglyphus Eur m 1	IgE but no biological test	321	AAC82351.1	3941388	7
Euroglyphus maynei	House dust mite	Unassigned	Aero Mite	Euroglyphus Eur m 1	IgE but no biological test	327	AAC82352.1	3941390	7
Euroglyphus maynei	House dust mite	Eur m 2.0102	Aero Mite	Euroglyphus Eur m 2	IgE but no biological test	135	AAC82350.1	3941386	7
Euroglyphus maynei	House dust mite	Eur m 2.0101	Aero Mite	Euroglyphus Eur m 2	IgE but no biological test	145	AAC82349.1	3941384	11
Evynnis japonica	Crimson seabream	Unassigned	Food Animal	Evynnis parvalbumin	IgE but no biological test	109	BAK09233.1	327342663	12
Evynnis japonica	Crimson seabream	Unassigned	Food Animal	Evynnis parvalbumin	IgE but no biological test	108	BAK09232.1	327342661	12
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum BW 8 kDa protein	IgE but no biological test	133	BAB79444.1	17907758	7
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum esculentum 13S globulins IgE binding	IgE but no biological test	453	BAO50872.1	584592120	15
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum esculentum 13S globulins IgE binding	IgE but no biological test	453	BAO50870.1	584592116	15
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum Fag e 2 Fag t 2	IgE but no biological test	127	AAX57578.1	61970231	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 39 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Fagopyrum esculentum	Buckwheat	Fag e 2.0101	Food Plant	Fagopyrum Fag e 2 Fag t 2	IgE but no biological test	149	ABC18306.1	83416591	7
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum Legumin-like protein	IgE but no biological test	565	O23878.1	29839254	9
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum Legumin-like protein	IgE but no biological test	504	O23880.1	29839255	9
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum Legumin-like protein	IgE but no biological test	538	Q9XFM4.1	29839419	9
Fagopyrum esculentum	Buckwheat	Fag e 3.0101	Food Plant	Fagopyrum vicilin-like Fag e 3	IgE but no biological test	136	ABQ10638.1	146217148	9
Fagopyrum esculentum	Buckwheat	Unassigned	Food Plant	Fagopyrum vicilin-like Fag e 3	IgE but no biological test	136	BAT21117.1	939106201	17
Fagopyrum tataricum	Buckwheat	Unassigned	Food Plant	Fagopyrum BW 8 kDa protein	IgE but no biological test	133	ABO93594.1	144228127	8
Fagopyrum tataricum	Buckwheat	Fag t 2.0101	Food Plant	Fagopyrum Fag e 2 Fag t 2	IgE but no biological test	149	ADW27428.1	320445237	12
Fagopyrum tataricum	Buckwheat	Unassigned	Food Plant	Fagopyrum Legumin-like protein	IgE but no biological test	515	ABI32184.1	113200131	9
Fagus sylvatica	European Beech	Unassigned	Aero Plant	Fagus Fag s 1	IgE plus basophil+ or SPT+	160	ACJ23865.1	212291472	10
Fagus sylvatica	European Beech	Fag s 1.0101	Aero Plant	Fagus Fag s 1	IgE plus basophil+ or SPT+	160	ACJ23864.1	212291470	10
Fagus sylvatica	European Beech	Unassigned	Aero Plant	Fagus Fag s 1	IgE plus basophil+ or SPT+	160	ACJ23866.1	212291474	10
Farfantepenaeus aztecus	Brown shrimp	Pen a 1.0101	Food Animal	Farfantepenaeus Pen a 1	IgE plus basophil+ or SPT+	284	AAZ76743.1	73532979	7
Felis catus	Cat		Aero Animal	Felis Fel d 1 Chain 1	IgE plus basophil+ or SPT+	88	CAA44343.1	1364212	7
Felis catus	Cat		Aero Animal	Felis Fel d 1 Chain 1	IgE plus basophil+ or SPT+	92	CAA44344.1	1364213	7
Felis catus	Cat		Aero Animal	Felis Fel d 1 Chain 1	IgE plus basophil+ or SPT+	92	P30438.2	1169665	7
Felis catus	Cat	Fel d 1.0101	Aero Animal	Felis Fel d 1 Chain 1	IgE plus basophil+ or SPT+	92	AAC37318.1	163825	7
Felis catus	Cat	Unassigned	Aero Animal	Felis Fel d 1 Chain 1	IgE plus basophil+ or SPT+	88	NP_001041618.1	114326420	8
Felis catus	Cat	Unassigned	Aero Animal	Felis Fel d 1 chain 2	IgE plus basophil+ or SPT+	107	CAA44345.1	395407	8
Felis catus	Cat	Fel d 1.0101	Aero Animal	Felis Fel d 1 chain 2	IgE plus basophil+ or SPT+	109	AAC41616.1	163823	12
Felis catus	Cat	Fel d 2.0101	Aero Animal	Felis Fel d 2	IgE but no biological test	608	CAA59279.1	886485	7
Felis catus	Cat	Fel d 3.0101	Aero Animal	Felis Fel d 3	IgE but no biological test	98	AAL49391.1	17939981	7
Felis catus	Cat	Fel d 4.0101	Aero Animal	Felis Fel d 4	IgE but no biological test	186	AAS77253.1	45775300	7
Felis catus	Cat	Fel d 7.0101	Aero Animal	Felis Fel d 7	IgE but no biological test	180	ADK56160.1	301072397	12

Felis catus	Cat	Fel d 8.0101	Aero Animal	Felis Fel d 8 latherin-like	IgE but no biological test	228	ADM15668.1	303387468	12
Fenneropenaeus chinensis	Chinese white shrimp	Unassigned	Food Animal	Fenneropenaeus Arginine kinase	IgE but no biological test	53	AAS98889.1	46486948	9
Fenneropenaeus chinensis	Chinese white shrimp	Unassigned	Food Animal	Fenneropenaeus Arginine kinase	IgE but no biological test	53	AAS98890.1	46486951	9
Fenneropenaeus merguensis	Banana Prawn	Unassigned	Food Animal	Fenneropenaeus hemocyanin banana shrimp	IgE but no biological test	661	AGT20779.1	530340505	15
Fenneropenaeus merguensis	Banana Prawn	Unassigned	Food Animal	Fenneropenaeus enolase	IgE but no biological test	117	AEM89226.1	344049993	15
Forcipomyia taiwana	biting midges	For t 1.0101	Venom or Salivary	Forcipomyia For t 1	IgE but no biological test	118	ACD65080.1	188572341	10
Forcipomyia taiwana	biting midges	For t 1.0101	Venom or Salivary	Forcipomyia For t 2	IgE but no biological test	325	ACD65081.1	188572343	10
Fragaria x ananassa	Strawberry		Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	160	CAJ85646.1	90185692	7
Fragaria x ananassa	Strawberry		Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	159	CAJ85644.1	90185688	7
Fragaria x ananassa	Strawberry	Pen a 1.0101	Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	160	CAJ85642.1	90185684	7
Fragaria x ananassa	Strawberry		Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	160	CAJ85641.1	90185682	7
Fragaria x ananassa	Strawberry	Fra a 1.0102	Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	160	ABD39049.1	88082485	7
Fragaria x ananassa	Strawberry	Unassigned	Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	160	ACX47057.1	260600660	11
Fragaria x ananassa	Strawberry	Unassigned	Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	159	ACX47058.1	260600662	11
Fragaria x ananassa	Strawberry	Unassigned	Food Plant	Fragaria Fra a 1	IgE plus basophil+ or SPT+	162	4C9C_B	550544407	15
Fragaria x ananassa	Strawberry	Fra a 3.0101	Food Plant	Fragaria Fra a 3	IgE plus basophil+ or SPT+	117	CAC86258.1	18477856	15
Fragaria x ananassa	Strawberry	Fra a 3.0102	Food Plant	Fragaria Fra a 3	IgE plus basophil+ or SPT+	117	AAy83342.1	67937767	15
Fragaria x ananassa	Strawberry	Fra a 3.0201	Food Plant	Fragaria Fra a 3	IgE plus basophil+ or SPT+	117	AAy83341.1	67937765	15
Fragaria x ananassa	Strawberry	Fra a 3.0202	Food Plant	Fragaria Fra a 3	IgE plus basophil+ or SPT+	117	AAy83345.1	67937773	15
Fraxinus excelsior	European ash	Unassigned	Aero Plant	Fraxinus excelsior polcalcin	IgE but no biological test	84	AHL24661.1	589912891	15
Fraxinus excelsior	European ash	Unassigned	Aero Plant	Fraxinus excelsior profilin	IgE but no biological test	134	AHL24660.1	589912889	15
Fraxinus excelsior	European ash	Fra e 1.0201	Aero Plant	Fraxinus Fra e 1	IgE plus basophil+ or SPT+	146	AAQ83588.1	34978692	7
Fraxinus excelsior	European ash	Fra e 1.0102	Aero Plant	Fraxinus Fra e 1	IgE plus basophil+ or SPT+	145	AAV74343.1	56122438	7
Fraxinus excelsior	European ash	Fra e 1.0101	Aero Plant	Fraxinus Fra e 1	IgE plus basophil+ or SPT+	145	AAQ08947.1	33327133	7



Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 41 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Fulvia mutica	Mollusc	Unassigned	Food Animal	Fulvia tropomyosin	IgE but no biological test	284	BAH10153.1	219806596	10
Fusarium culmorum	Fungus	Unassigned	Aero Fungi	Fusarium claimed Fus c 3	IgE but no biological test	450	AAN73248.1	25361513	7
Fusarium culmorum	Fungus	Fus c 1.0101	Aero Fungi	Fusarium Fus c 1	IgE plus basophil+ or SPT+	109	AAL79930.1	19879657	7
Fusarium culmorum	Fungus	Fus c 2.0101	Aero Fungi	Fusarium Fus c 2	IgE but no biological test	121	AAL79931.1	19879659	7
Fusarium proliferatum	Fungus	Fus p 4.0101	Aero Fungi	Fusarium Fus p 4	IgE but no biological test	323	AHY02994.1	619498167	15
Gadus callarias	Baltic cod	Gad c 1.0101	Food Animal	Gadus Gad c 1 Gad m 1	IgE plus basophil+ or SPT+	113	P02622.1	131112	7
Gadus morhua	Atlantic cod	Gad m 1.0101	Food Animal	Gadus Gad c 1 Gad m 1	IgE plus basophil+ or SPT+	109	AAK63086.1	14531014	7
Gadus morhua	Atlantic cod	Gad m 1.0201	Food Animal	Gadus Gad c 1 Gad m 1	IgE plus basophil+ or SPT+	109	AAK63087.1	14531016	7
Gadus morhua	Atlantic cod	Gad m 1.0102	Food Animal	Gadus Gad c 1 Gad m 1	IgE plus basophil+ or SPT+	109	CAM56785.1	148356691	9
Gadus morhua	Atlantic cod	Gad m 1.0202	Food Animal	Gadus Gad c 1 Gad m 1	IgE plus basophil+ or SPT+	109	CAM56786.1	148356693	9
Gadus morhua	Atlantic cod	Gad m 2.0101	Food Animal	Gadus Morhua Gad m 2	IgE but no biological test	11	B3A0L6.1	576011130	15
Gadus morhua	Atlantic cod		Food Animal	Gadus morhua Gad m 3	IgE but no biological test	15	P86980.1	576011086	15
Gallus gallus	Chicken	Gal d 9.0101	Food Animal	Gallus enolase Gal d 9	IgE plus basophil+ or SPT+	434	NP_990450.1	46048765	18
Gallus gallus	Chicken	Gal d 1.0101	Food Animal	Gallus Gal d 1	IgE plus basophil+ or SPT+	210	P01005.1	124757	7
Gallus gallus	Chicken	Unassigned	Food Animal	Gallus Gal d 1	IgE plus basophil+ or SPT+	210	ACJ04729.1	209979542	10
Gallus gallus	Chicken		Food Animal	Gallus Gal d 2	IgE plus basophil+ or SPT+	155	CAA23681.1	63052	7
Gallus gallus	Chicken	Gal d 2.0101	Food Animal	Gallus Gal d 2	IgE plus basophil+ or SPT+	386	P01012.2	129293	7
Gallus gallus	Chicken		Food Animal	Gallus Gal d 2	IgE plus basophil+ or SPT+	386	CAA23682.1	808969	7
Gallus gallus	Chicken		Food Animal	Gallus Gal d 2	IgE plus basophil+ or SPT+	385	1JTI_A	15826578	7
Gallus gallus	Chicken	Unassigned	Food Animal	Gallus Gal d 2	IgE plus basophil+ or SPT+	385	1UHG_D	34811333	7
Gallus gallus	Chicken	Gal d 3.0101	Food Animal	Gallus Gal d 3	IgE plus basophil+ or SPT+	705	CAA26040.1	757851	7
Gallus gallus	Chicken		Food Animal	Gallus Gal d 3	IgE plus basophil+ or SPT+	705	P02789.2	1351295	7
Gallus gallus	Chicken		Food Animal	Gallus Gal d 4	IgE plus basophil+ or SPT+	147	P00698.1	126608	7
Gallus gallus	Chicken		Food Animal	Gallus Gal d 4	IgE plus basophil+ or SPT+	24	AAA48944.1	212279	7

Gallus gallus	Chicken	Gal d 4.0101	Food Animal	Gallus Gal d 4	IgE plus basophil+ or SPT+	147	CAA23711.1	63581	15
Gallus gallus	Chicken	Gal d 5.0101	Food Animal	Gallus Gal d 5	IgE plus basophil+ or SPT+	615	CAA43098.1	63748	7
Gallus gallus	Chicken	Unassigned	Food Animal	Gallus Gal d 6 YGP42	IgE but no biological test	284			14
Gallus gallus	Chicken		Food Animal	Gallus gallus Gal d 7	IgE but no biological test	192	P02604.3	55584149	16
Gallus gallus	Chicken	Gal d 8.0101	Food Animal	Gallus parvalbumin Gal d 8	IgE plus basophil+ or SPT+	110	CAX32963.1	225877920	10
Glossina morsitans morsitans	Tsetse fly	Unassigned	Venom or Salivary	Glossina Glo m 5	IgE but no biological test	258	ADD18879.1	289740263	11
Glossina morsitans morsitans	Tsetse fly	Unassigned	Venom or Salivary	Glossina Glo m 5	IgE but no biological test	259	ADD19985.1	289742475	11
Glossina morsitans morsitans	Tsetse fly	Unassigned	Venom or Salivary	Glossina Glo m 5	IgE but no biological test	222	ADD19989.1	289742483	11
Glossina morsitans morsitans	Tsetse fly	Glo m 5.0101	Venom or Salivary	Glossina Glo m 5	IgE but no biological test	259	AAF82096.1	8927462	11
Glycine max	Soybean	Gly m 7.0101	Food Plant	Glycine 68kDa biotinylated protein	IgE plus basophil+ or SPT+	643	ACS49840.1	240254706	11
Glycine max	Soybean	Gly m 1.0101	Aero Plant	Glycine Gly m 1	IgE but no biological test	80	P24337.1	123506	12
Glycine max	Soybean	Gly m 3.0102	Food Plant	Glycine Gly m 3	IgE but no biological test	131	CAA11755.1	3021373	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 3	IgE but no biological test	131	ABU97472.1	156938901	9
Glycine max	Soybean	Gly m 3.0101	Food Plant	Glycine Gly m 3	IgE but no biological test	131	CAA11756.1	3021375	15
Glycine max	Soybean	Gly m 4.0101	Food Plant	Glycine Gly m 4	IgE plus basophil+ or SPT+	158	CAA42646.1	18744	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 5.0101 alpha subunit beta congl	IgE but no biological test	605	CAA35691.1	18536	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 5.0101 alpha subunit beta congl	IgE but no biological test	218	AAA33947.1	169927	7
Glycine max	Soybean	Gly m 5.0101	Food Plant	Glycine Gly m 5.0101 alpha subunit beta congl	IgE but no biological test	543	BAA23360.2	9967357	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 5.0201 alpha prime beta congly	IgE but no biological test	639	AAB01374.1	169929	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 5.0201 alpha prime beta congly	IgE but no biological test	621	BAB64303.1	15425631	15
Glycine max	Soybean	Gly m 5.0201	Food Plant	Glycine Gly m 5.0201 alpha prime beta congly	IgE but no biological test	559	BAA74452.2	9967361	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 5.0301 beta sub unit beta congl	IgE but no biological test	439	BAB64306.1	15425637	15
Glycine max	Soybean	Gly m 5.0301	Food Plant	Glycine Gly m 5.0301 beta sub unit beta congl	IgE but no biological test	439	P25974.1	121282	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 6.0101	IgE but no biological test	495	CAA26723.1	18615	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 43 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Glycine max	Soybean	Gly m 6.0101	Food Plant	Glycine Gly m 6.0101	IgE but no biological test	495	AAA33966.1	169973	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 6.0201	IgE but no biological test	485	CAA26575.1	18609	7
Glycine max	Soybean	Gly m 6.0201	Food Plant	Glycine Gly m 6.0201	IgE but no biological test	485	BAA00154.1	218265	15
Glycine max	Soybean	Gly m 6.0301	Food Plant	Glycine Gly m 6.0301	IgE but no biological test	481	CAA33217.1	18639	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 6.0401	IgE but no biological test	562	CAA37044.1	18641	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 6.0401	IgE but no biological test	562	CAA26478.1	732706	7
Glycine max	Soybean	Gly m 6.0401	Food Plant	Glycine Gly m 6.0401	IgE but no biological test	563	BAA74953.1	4249568	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 6.0501	IgE but no biological test	516	AAA33964.1	169969	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 6.0501	IgE but no biological test	240	AAA33965.1	169971	7
Glycine max	Soybean	Gly m 6.0501	Food Plant	Glycine Gly m 6.0501	IgE but no biological test	517	BAB15802.1	10566449	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m 8 2s albumin	IgE but no biological test	155	AAD09630.1	4097894	14
Glycine max	Soybean	Gly m 8.0101	Food Plant	Glycine Gly m 8 2s albumin	IgE but no biological test	158	NP_001238443.1	351727517	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 28K	IgE but no biological test	373	ACD36976.1	187766751	10
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 28K	IgE but no biological test	373	ACD36975.1	187766749	10
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 28K	IgE but no biological test	373	ACD36974.1	187766747	10
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 28K	IgE but no biological test	455	ACD36978.1	187766755	10
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 28K	IgE but no biological test	476	BAB21619.2	410067729	15
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 30 kDa	IgE but no biological test	379	P22895.1	129353	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 30 kDa	IgE but no biological test	379	AAB09252.1	1199563	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Gly m Bd 30 kDa	IgE but no biological test	379	BAA25899.1	3097321	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Major Gly 50 kDa allergen	IgE but no biological test	17	P82947.1	85681057	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Trypsin inhibitor	IgE but no biological test	217	CAA45777.1	18770	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Trypsin inhibitor	IgE but no biological test	217	CAA45778.1	18772	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Trypsin inhibitor	IgE but no biological test	216	AAB23464.1	256429	7

Glycine max	Soybean	Unassigned	Food Plant	Glycine Trypsin inhibitor	IgE but no biological test	203	AAB23482.1	256635	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Trypsin inhibitor	IgE but no biological test	204	AAB23483.1	256636	7
Glycine max	Soybean	Unassigned	Food Plant	Glycine Trypsin inhibitor	IgE but no biological test	208	CAA56343.1	510515	7
Glycine soja	Soybean	Unassigned	Food Plant	Glycine Gly m 6.0401	IgE but no biological test	563	CAA60533.1	806556	7
Glycyphagus domesticus	Storage mite	Gly d 2.0101	Aero Mite	Glycyphagus Gly d 2	IgE but no biological test	128	CAB59976.1	6179520	7
Glycyphagus domesticus	Storage mite	Gly d 2.0201	Aero Mite	Glycyphagus Gly d 2	IgE but no biological test	125	CAB76459.1	7160811	7
Glycyphagus domesticus	Storage mite	Unassigned	Aero Mite	Glycyphagus Gly d 2	IgE but no biological test	141	AAQ54603.1	33772588	7
Haliotis discus discus	Disk abalone	Unassigned	Food Animal	Haliotis Hal m 1 tropomyosin	IgE but no biological test	284	BAH10148.1	219806586	10
Haliotis discus discus	Disk abalone	Unassigned	Food Animal	Haliotis paramyosin	IgE but no biological test	860	BAJ61596.1	318609972	12
Haliotis diversicolor	Abalone	Unassigned	Food Animal	Haliotis Hal m 1 tropomyosin	IgE but no biological test	284	AAG08987.1	9954249	7
Haliotis laevigata x Haliotis rubra		Hal l 1.0101	Food Animal	Haliotis Hal m 1 tropomyosin	IgE but no biological test	284	APG42675.1	1109557549	18
Helianthus annuus	Sunflower	Hel a 2.0101	Aero Plant	Helianthus Hel a 2	IgE but no biological test	133	CAA75506.1	3581965	7
Helianthus annuus	Sunflower	Hel a 3.0101	Food Plant	Helianthus Hel a 3	IgE but no biological test	116	AAP47226.1	31324341	15
Helianthus annuus	Sunflower	Unassigned	Food Plant	Helianthus Seed 2S albumin	IgE but no biological test	141	P23110.1	112745	9
Helix aspersa	Brown garden snail	Hel as 1.0101	Food Animal	Helix Hel as 1 tropomyosin	IgE but no biological test	284	CAB38044.1	4468224	7
Hevea brasiliensis	Para rubber tree	Hev b 1.0101	Contact	Hevea Hev b 1	IgE plus basophil+ or SPT+	138	CAA39880.1	18839	15
Hevea brasiliensis	Para rubber tree	Hev b 10.0101	Contact	Hevea Hev b 10	IgE but no biological test	233	AAA16792.1	348137	7
Hevea brasiliensis	Para rubber tree	Hev b 10.0102	Contact	Hevea Hev b 10	IgE but no biological test	205	CAB53458.1	5777414	7
Hevea brasiliensis	Para rubber tree	Hev b 10.0103	Contact	Hevea Hev b 10	IgE but no biological test	205	CAC13961.1	10862818	7
Hevea brasiliensis	Para rubber tree	Hev b 11.0101	Contact	Hevea Hev b 11	IgE but no biological test	295	CAC42881.1	14575525	7
Hevea brasiliensis	Para rubber tree	Hev b 12.0101	Contact	Hevea Hev b 12	IgE but no biological test	116	AAL25839.1	20135538	7
Hevea brasiliensis	Para rubber tree	Hev b 13.0101	Contact	Hevea Hev b 13	IgE but no biological test	391	AAP37470.1	30909057	7
Hevea brasiliensis	Para rubber tree	Hev b 14.0101	Contact	Hevea Hev b 14 hevamine	IgE but no biological test	208	ADR82196.1	313870530	12
Hevea brasiliensis	Para rubber tree	Hev b 15.0101	Contact	Hevea Hev b 15	IgE but no biological test	70	CCW27997.1	571257122	15

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 45 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Hevea brasiliensis	Para rubber tree	Hev b 2.0101	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	AAA87456.1	1184668	7
Hevea brasiliensis	Para rubber tree		Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	AAP87281.1	32765543	7
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	ABN03965.1	124294783	8
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	ABN03966.1	124294785	8
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	ABN09653.1	124365249	8
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	ABN09654.1	124365251	8
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	ABN09655.1	124365253	8
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	ACY91851.1	268037674	11
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	ACZ74626.1	270315180	11
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	373	AEV41413.1	359359690	13
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	AFJ97275.1	387778882	13
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 2	IgE plus basophil+ or SPT+	374	AFJ97274.1	387778880	13
Hevea brasiliensis	Para rubber tree	Hev b 3.0101	Contact	Hevea Hev b 3	IgE plus basophil+ or SPT+	204	AAC82355.1	3818475	11
Hevea brasiliensis	Para rubber tree	Hev b 4.0101	Contact	Hevea Hev b 4	IgE but no biological test	366	AAR98518.1	46410859	7
Hevea brasiliensis	Para rubber tree	Hev b 5.0101	Contact	Hevea Hev b 5	IgE plus basophil+ or SPT+	151	AAC49447.1	1480457	7
Hevea brasiliensis	Para rubber tree		Contact	Hevea Hev b 6	IgE plus basophil+ or SPT+	187	CAA05978.1	2832430	7
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 6	IgE plus basophil+ or SPT+	43	1WKX_A	73535415	7
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 6	IgE plus basophil+ or SPT+	204	ABW34946.1	158342650	9
Hevea brasiliensis	Para rubber tree	Hev b 7.01	Contact	Hevea Hev b 7	IgE plus basophil+ or SPT+	388	AAC27724.1	1916805	7
Hevea brasiliensis	Para rubber tree	Hev b 7.02	Contact	Hevea Hev b 7	IgE plus basophil+ or SPT+	388	CAA11041.1	3087805	7
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 7	IgE plus basophil+ or SPT+	388	CAA11042.1	3288200	7
Hevea brasiliensis	Para rubber tree		Contact	Hevea Hev b 7	IgE plus basophil+ or SPT+	388	AAF25553.1	6707018	7
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 7	IgE plus basophil+ or SPT+	387	CAE85467.1	41581137	7
Hevea brasiliensis	Para rubber tree	Hev b 8.0101	Contact	Hevea Hev b 8	IgE plus basophil+ or SPT+	131	CAA75312.1	3183706	7

Hevea brasiliensis	Para rubber tree		Contact	Hevea Hev b 8	IgE plus basophil+ or SPT+	131	1G5U_A	11513601	7
Hevea brasiliensis	Para rubber tree	Hev b 8.0201	Contact	Hevea Hev b 8	IgE plus basophil+ or SPT+	131	AAF34341.1	6979167	11
Hevea brasiliensis	Para rubber tree	Hev a 9.0101	Contact	Hevea Hev b 8	IgE plus basophil+ or SPT+	131	AAF34342.1	6979169	11
Hevea brasiliensis	Para rubber tree	Hev b 8.0203	Aero Mite	Hevea Hev b 8	IgE plus basophil+ or SPT+	131	AAF34343.1	6979171	11
Hevea brasiliensis	Para rubber tree	Hev b 8.0102	Contact	Hevea Hev b 8	IgE plus basophil+ or SPT+	131	CAB51914.1	5689740	15
Hevea brasiliensis	Para rubber tree	Hev b 8.0204	Contact	Hevea Hev b 8	IgE plus basophil+ or SPT+	131	CAB96215.1	8919948	15
Hevea brasiliensis	Para rubber tree	Hev a 9.0101	Contact	Hevea Hev b 9	IgE but no biological test	445	CAC00532.1	9581744	7
Hevea brasiliensis	Para rubber tree	Unassigned	Contact	Hevea Hev b 9	IgE but no biological test	445	Q9LEI9.1	14423687	9
Hevea brasiliensis subsp. brasiliensis	Para rubber tree	Hev b 11.0102	Contact	Hevea Hev b 11	IgE but no biological test	295	CAD24068.1	27526732	7
Holcus lanatus	Velvet grass	Hol l 1.0101	Aero Plant	Holcus Hol l 1	IgE but no biological test	265	CAA81610.1	414703	7
Holcus lanatus	Velvet grass	Hol l 1.0102	Aero Plant	Holcus Hol l 1	IgE but no biological test	248	CAA93121.1	1167836	7
Holcus lanatus	Velvet grass	Unassigned	Aero Plant	Holcus Hol l 1	IgE but no biological test	263	CAA10140.1	3860384	7
Holcus lanatus	Velvet grass	Unassigned	Aero Plant	Holcus Hol l 5	IgE plus basophil+ or SPT+	20	Q7M262	75140046	7
Holcus lanatus	Velvet grass	Hol l 5.0201	Aero Plant	Holcus Hol l 5	IgE plus basophil+ or SPT+	240	CAB10766.1	2266623	7
Holcus lanatus	Velvet grass	Hol l 5.0101	Aero Plant	Holcus Hol l 5	IgE plus basophil+ or SPT+	264	CAB10765.1	2266625	7
Holcus lanatus	Velvet grass	Unassigned	Aero Plant	Holcus Hol l 5	IgE plus basophil+ or SPT+	296	AAG42255.1	11991229	7
Homarus americanus	American lobster	Hom a 1.0102	Food Animal	Homarus Hom a 1	IgE plus basophil+ or SPT+	284	AAC48288.1	2660868	7
Homarus americanus	American lobster	Hom a 1.0101	Food Animal	Homarus Hom a 1	IgE plus basophil+ or SPT+	284	AAC48287.1	2660866	15
Hordeum vulgare	Barley	Unassigned	Aero Plant	Hordeum Alpha-amylase inhibitor component CMB	IgE plus basophil+ or SPT+	149	P32936.2	585290	7
Hordeum vulgare	Barley	Unassigned	Food Plant	Hordeum Hor v 20	IgE plus basophil+ or SPT+	289	P80198.1	1708280	15
Hordeum vulgare	Barley	Hor v 20.0101	Food Plant	Hordeum Hor v 20	IgE plus basophil+ or SPT+	286	CAA51204.1	288709	15
Hordeum vulgare	Barley	Unassigned	Food Plant	Hordeum LTP 1	IgE but no biological test	134	CAA42832.1	19039	7
Hordeum vulgare	Barley	Unassigned	Aero Plant	Hordeum LTP 1	IgE but no biological test	117	AAA32970.1	167077	7
Hordeum vulgare	Barley	Unassigned	Aero Plant	Hordeum Trypsin inhibitor CMe	IgE plus basophil+ or SPT+	144	CAA35188.1	1405736	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 47 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Hordeum vulgare subsp. vulgare	Barley	Unassigned	Aero Plant	Hordeum Alpha-amylase inhibitor BDAI-1	IgE plus basophil+ or SPT+	152	CAA08836.1	3367714	7
Hordeum vulgare subsp. vulgare	Barley	Unassigned	Aero Plant	Hordeum Alpha-amylase inhibitor component Cma	IgE plus basophil+ or SPT+	144	CAA41956.1	18955	7
Hordeum vulgare subsp. vulgare	Barley	Unassigned	Aero Plant	Hordeum Alpha-amylase inhibitor component Cma	IgE plus basophil+ or SPT+	145	CAA49555.1	439275	7
Hordeum vulgare subsp. vulgare	Barley	Hor v 15.0101	Food Plant	Hordeum Hor v 15	IgE plus basophil+ or SPT+	146	CAA45085.1	19003	15
Hordeum vulgare subsp. vulgare	Barley	Unassigned	Aero Plant	Hordeum Trypsin inhibitor CMe	IgE plus basophil+ or SPT+	148	CAA46705.1	19009	7
Humulus japonicus	Japanese hop	Hum j 1.0101	Aero Plant	Humulus Humj1	IgE but no biological test	155	AAP94213.1	33113263	7
Humulus scandens	Japanese hop	Unassigned	Aero Plant	Humulus profilin-like protein	IgE but no biological test	131	AAP15200.1	34851176	7
Humulus scandens	Japanese hop	Unassigned	Aero Plant	Humulus profilin-like protein	IgE but no biological test	131	AAP15199.1	34851174	7
Juglans nigra	Black walnut	Jug n 1.0101	Food Plant	Juglans Jug r 1 Jug n 1	IgE but no biological test	161	AAM54365.1	31321942	7
Juglans nigra	Black walnut	Jug n 2.0101	Food Plant	Juglans Jug r 2	IgE but no biological test	481	AAM54366.1	31321944	7
Juglans nigra	Black walnut	Jug n 4.0101	Food Plant	Juglans nigra Jug n 4 legumin	IgE but no biological test	510	APR62629.1	1126299828	18
Juglans regia	English walnut	Jug r 1.0101	Food Plant	Juglans Jug r 1 Jug n 1	IgE but no biological test	139	AAB41308.1	1794252	7
Juglans regia	English walnut		Food Plant	Juglans Jug r 2	IgE but no biological test	593	AAF18269.1	6580762	7
Juglans regia	English walnut	Jug r 3.0101	Food Plant	Juglans Jug r 3	IgE but no biological test	119	ACI47547.1	209484145	11
Juglans regia	English walnut	Jug r 4.0101	Food Plant	Juglans Jug r 4 seed storage protein	IgE but no biological test	507	AAW29810.1	56788031	7
Juniperus ashei	Mountain cedar	Jun a 2.0101	Aero Plant	Juniperus Jun a 2	IgE but no biological test	507	CAC05582.1	9955725	7
Juniperus ashei	Mountain cedar	Jun a 3.0101	Aero Plant	Juniperus Jun a 3	IgE but no biological test	225	P81295.1	9087177	8
Juniperus ashei	Mountain cedar	Jun a 1.0101	Aero Plant	Juniperus Jun a/v 1	IgE but no biological test	367	AAD03608.1	4138877	7
Juniperus oxycedrus	Juniper	Unassigned	Aero Plant	Juniperus Jun a/v 1	IgE but no biological test	367	CAC48400.1	15139849	7
Juniperus oxycedrus	Juniper	Jun o 4.0101	Aero Plant	Juniperus Jun o 4	IgE but no biological test	165	AAC15474.2	5391446	7
Juniperus rigida	Cedar	Unassigned	Aero Plant	Juniperus Jun a 3	IgE but no biological test	225	AAR21072.1	38456224	7
Juniperus rigida	Cedar	Unassigned	Aero Plant	Juniperus Jun a 3	IgE but no biological test	225	AAR21071.1	38456222	7
Juniperus virginiana	Red cedar	Unassigned	Aero Plant	Juniperus Jun a 3	IgE but no biological test	110	Q9LD79.2	51316532	7
Juniperus virginiana	Red cedar	Jun v 1.0102	Aero Plant	Juniperus Jun a/v 1	IgE but no biological test	367	AAF80164.1	8843917	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 48 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Juniperus virginiana	Red cedar	Jun v 1.0101	Aero Plant	Juniperus Jun a/v 1	IgE but no biological test	367	AAF80166.1	8843921	7
Lates calcarifer	Asian Seabass	Lat c 1.0101	Food Animal	Lates Lat c 1	IgE but no biological test	109	AAV97933.1	56553743	15
Lates calcarifer	Asian Seabass	Lat c 1.0201	Food Animal	Lates Lat c 1	IgE but no biological test	109	AAT45383.1	48526356	15
Lens culinaris	Lentil	Len c 3.0101	Food Plant	Lens Len c 3	IgE but no biological test	118	AAX35807.1	60735410	15
Lens culinaris	Lentil	Len c 1.0101	Food Plant	Lens Len c 1	IgE but no biological test	418	CAD87730.1	29539109	7
Lens culinaris	Lentil	Len c 1.0102	Food Plant	Lens Len c 1	IgE but no biological test	415	CAD87731.1	29539111	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Blomia Blo t 12	IgE plus basophil+ or SPT+	143	AAQ55550.1	33943777	7
Lepidoglyphus destructor	Storage mite	Lep d 10.0101	Aero Mite	Lepidoglyphus Lep d 10	IgE but no biological test	284	CAB71342.1	6900304	15
Lepidoglyphus destructor	Storage mite	Lep d 13.0101	Aero Mite	Lepidoglyphus Lep d 13	IgE but no biological test	131	CAB62213.1	6523380	15
Lepidoglyphus destructor	Storage mite	Lep d 2.0102	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	CAD32313.1	21213898	7
Lepidoglyphus destructor	Storage mite	Lep d 2.0202	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	CAD32314.1	21213900	7
Lepidoglyphus destructor	Storage mite		Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	2118249B	1582223	7
Lepidoglyphus destructor	Storage mite		Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	2118249A	1582222	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	AAQ73484.1	34495274	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	AAQ73486.1	34495278	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	140	AAQ73487.1	34495280	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	AAQ73488.1	34495282	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	AAQ73489.1	34495284	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	AAQ73490.1	34495286	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	AAQ73491.1	34495288	7
Lepidoglyphus destructor	Storage mite	Unassigned	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	AAQ73492.1	34495290	7
Lepidoglyphus destructor	Storage mite	Lep d 2.0101	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	98	CAA57160.1	587450	15
Lepidoglyphus destructor	Storage mite	Lep d 2.0201	Aero Mite	Lepidoglyphus Lep d 2	IgE but no biological test	141	CAA58755.1	999458	15
Lepidoglyphus destructor	Storage mite	Lep d 5.0102	Aero Mite	Lepidoglyphus Lep d 5	IgE but no biological test	171	AAQ73493.1	34495292	7



Lepidoglyphus destructor	Storage mite	Lep d 5.0103	Aero Mite	Lepidoglyphus Lep d 5	IgE but no biological test	169	AAQ73494.1	34495294	7
Lepidoglyphus destructor	Storage mite	Lep d 5.0101	Aero Mite	Lepidoglyphus Lep d 5	IgE but no biological test	110	CAB62212.1	6523378	15
Lepidoglyphus destructor	Storage mite	Lep d 7.0101	Aero Mite	Lepidoglyphus Lep d 7	IgE but no biological test	216	CAB65963.1	6706282	15
Lepidorhombus whiffiagonis	Flat fish	Lep w 1.0101	Food Animal	Lepidorhombus Lep w 1 parvalbumin	IgE but no biological test	109	CAP17694.1	208608078	10
Lepisma saccharina	Silverfish	Lep s 1.0101	Aero Insect	Lepisma Tropomyosin	IgE plus basophil+ or SPT+	284	CAC84590.2	20387027	7
Lepisma saccharina	Silverfish	Unassigned	Aero Insect	Lepisma Tropomyosin	IgE plus basophil+ or SPT+	243	CAC84593.2	20387029	7
Ligustrum vulgare	Privet	Lig v 1.0101	Aero Plant	Ligustrum Lig v 1	IgE but no biological test	145	CAA54818.1	3256210	7
Ligustrum vulgare	Privet	Lig v 1.0102	Aero Plant	Ligustrum Lig v 1	IgE but no biological test	145	CAA54819.1	3256212	7
Lilium longiflorum	Trumpet lily	Unassigned	Aero Plant	Lilium polygalacturonase	IgE but no biological test	413	AAZ91659.1	73913442	8
Liposcelis bostrychophila	booklice	Lip b 1.0101	Aero Insect	Liposcelis Lip b 1 Fragments	IgE but no biological test	254	BAW03243.1	1109516247	18
Liposcelis bostrychophila	booklice	Lip b 1.0102	Aero Insect	Liposcelis Lip b 1 Fragments	IgE but no biological test	254	BAW03242.1	1109516245	18
Litchi chinensis	Lychee nut	Lit c 1.0101	Food Plant	Litchi Lit c 1	IgE but no biological test	131	AAI07320.1	15809696	7
Litchi chinensis	Lychee nut	Unassigned	Food Plant	Litchi Lit c 1	IgE but no biological test	131	ABC02750.1	83317152	7
Litopenaeus vannamei	Whiteleg Shrimp	Lit v 4.0101	Food Animal	Litopenaeus Lit v 4 sarcoplasmic Ca+ binding	IgE plus basophil+ or SPT+	193	ACM89179.1	223403273	11
Litopenaeus vannamei	Whiteleg Shrimp	Lit v 1.0101	Food Animal	Litopenaeus Lit v 1 tropomyosin	IgE but no biological test	284	ACB38288.1	170791252	10
Litopenaeus vannamei	Whiteleg Shrimp	Lit v 2.0101	Food Animal	Litopenaeus Lit v 2	IgE but no biological test	356	ABI98020.1	115492980	8
Litopenaeus vannamei	Whiteleg Shrimp	Lit v 3.0101	Food Animal	Litopenaeus Lit v 3 myosin	IgE but no biological test	177	ACC76803.1	184198734	10
Lolium perenne	Perennial ryegrass		Aero Plant	Lolium Lol p 1	IgE plus basophil+ or SPT+	263	P14946.2	126385	7
Lolium perenne	Perennial ryegrass	Lol p 1.0102	Aero Plant	Lolium Lol p 1	IgE plus basophil+ or SPT+	252	AAA63278.1	168314	7
Lolium perenne	Perennial ryegrass	Lol p 1.0101	Aero Plant	Lolium Lol p 1	IgE plus basophil+ or SPT+	263	AAA63279.1	168316	10
Lolium perenne	Perennial ryegrass	Lol p 1.0103	Aero Plant	Lolium Lol p 1	IgE plus basophil+ or SPT+	263	CAB63699.1	6599300	10
Lolium perenne	Perennial ryegrass	Lol p 11.0101	Aero Plant	Lolium Lol p 11	IgE plus basophil+ or SPT+	134	Q7M1X5.1	47605808	7
Lolium perenne	Perennial ryegrass	Lol p 2.0101	Aero Plant	Lolium Lol p 2	IgE plus basophil+ or SPT+	97	P14947.1	126386	7
Lolium perenne	Perennial ryegrass		Aero Plant	Lolium Lol p 2	IgE plus basophil+ or SPT+	88	CAA51775.1	939932	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 50 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Lolium perenne	Perennial ryegrass	Lol p 3.0101	Aero Plant	Lolium Lol p 3	IgE but no biological test	97	P14948.1	126387	7
Lolium perenne	Perennial ryegrass	Lol p 4.0101	Aero Plant	Lolium Lol p 4	IgE plus basophil+ or SPT+	423	CAH92637.1	55859464	7
Lolium perenne	Perennial ryegrass		Aero Plant	Lolium Lol p 5	IgE plus basophil+ or SPT+	301	AAD20386.1	4416516	7
Lolium perenne	Perennial ryegrass		Aero Plant	Lolium Lol p 5	IgE plus basophil+ or SPT+	301	CAB64344.1	6634467	7
Lolium perenne	Perennial ryegrass	Lol p 5.0101	Aero Plant	Lolium Lol p 5	IgE plus basophil+ or SPT+	339	AAA33405.1	455288	10
Lolium perenne	Perennial ryegrass	Lol p 5.0102	Aero Plant	Lolium Lol p 5	IgE plus basophil+ or SPT+	307	Q40240.2	332278195	12
Lupinus albus	white lupine	Unassigned	Food Plant	Lupinus albus congluten beta	IgE but no biological test	531	CAI84850.2	89994190	14
Lupinus albus	white lupine	Unassigned	Food Plant	Lupinus albus congluten beta	IgE but no biological test	533	Q6EBC1.1	75121065	17
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	521	ABR21771.1	149208401	9
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	455	ABR21772.1	149208403	9
Lupinus angustifolius	blue lupin	Lup an 1.0101	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	611	ACB05815.1	169950562	10
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	605	F5B8W5.1	980951568	17
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	593	F5B8W4.1	980951565	17
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	637	F5B8W3.1	980951561	17
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	590	F5B8W2.1	980951555	17
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	580	F5B8W1.1	980951550	17
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	603	F5B8W0.1	980951548	17
Lupinus angustifolius	blue lupin	Unassigned	Food Plant	Lupinus Lup an 1 conglutin beta	IgE but no biological test	611	F5B8V9.1	980951518	17
Lycium barbarum	wolfberry	Unassigned	Food Plant	Lycium Itp	IgE but no biological test	51	B3A0N2.1	363805423	13
Macrobrachium rosenbergii	Giant River Prawn	Mac r 1.0101	Food Animal	Macrobrachium rosenbergii shrimp tropomyosin	IgE but no biological test	284	ADC55380.1	288819271	11
Macrobrachium rosenbergii	Giant River Prawn	Unassigned	Food Animal	Macrobrachium rosenbergii shrimp tropomyosin	IgE but no biological test	284	AHA85706.1	558698675	15
Macruronus magellanicus	Patagonian Grenadier	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	98	P86739.1	308191450	12
Macruronus magellanicus	Patagonian Grenadier	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86741.1	308191461	12
Macruronus magellanicus	Patagonian Grenadier	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	74	P86740.1	308191474	12

Macruronus novaezelandiae	Blue hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	83	P86742.1	308191475	12
Malassezia furfur	Yeast	Mala f 2.0101	Contact	Malassezia Mala f 2	IgE but no biological test	177	BAA32435.1	3445490	7
Malassezia furfur	Yeast	Mala f 3.0101	Contact	Malassezia Mala f 3	IgE but no biological test	166	BAA32436.1	3445492	7
Malassezia furfur	Yeast	Mala f 4.0101	Contact	Malassezia Mala f 4	IgE but no biological test	342	AAD25927.1	4587985	7
Malassezia sympodialis	Yeast	Mala s 1.0101	Contact	Malassezia Mala s 1	IgE plus basophil+ or SPT+	350	CAA65341.1	1261972	7
Malassezia sympodialis	Yeast	Mala s 10.0101	Contact	Malassezia Mala s 10 heat shock protein	IgE but no biological test	773	CAD20981.3	28564467	14
Malassezia sympodialis	Yeast	Mala s 11.0101	Contact	Malassezia Mala s 11 first 38 aa signal	IgE but no biological test	237	CAD68071.1	28569698	7
Malassezia sympodialis	Yeast	Mala s 12.0101	Contact	Malassezia Mala s 12	IgE but no biological test	618	CAI43283.4	78038796	7
Malassezia sympodialis	Yeast	Mala s 5.0101	Contact	Malassezia Mala s 5	IgE but no biological test	172	CAA09883.1	4138171	7
Malassezia sympodialis	Yeast	Mala s 6.0101	Contact	Malassezia Mala s 6	IgE but no biological test	162	CAA09884.1	4138173	7
Malassezia sympodialis	Yeast	Mala s 7.0101	Contact	Malassezia Mala s 7	IgE but no biological test	187	CAA09885.1	4138175	7
Malassezia sympodialis	Yeast	Mala s 8.0101	Contact	Malassezia Mala s 8	IgE but no biological test	179	CAA09886.2	7271239	7
Malassezia sympodialis	Yeast	Mala s 9.0101	Contact	Malassezia Mala s 9	IgE but no biological test	342	CAA09887.4	19069920	7
Malassezia sympodialis ATCC 42132	Yeast	Unassigned	Contact	Malassezia Mala s 10 heat shock protein	IgE but no biological test	773	CCU97864.1	465797105	14
Malassezia sympodialis ATCC 42132	Yeast	Unassigned	Contact	Malassezia Mala s 11 first 38 aa signal	IgE but no biological test	202	CCV00099.1	465795607	14
Malassezia sympodialis ATCC 42132	Yeast	Mala s 13	Contact	Malassezia Mala s 13 Thioredoxin Rev	IgE plus basophil+ or SPT+	107	CCU98198.1	465793078	14
Malassezia sympodialis ATCC 42132	Yeast	Unassigned	Contact	Malassezia Mala s 5	IgE but no biological test	172	CCU99457.1	465794772	14
Malassezia sympodialis ATCC 42132	Yeast	Unassigned	Contact	Malassezia Mala s 7	IgE but no biological test	200	SHO79205.1	1129841119	18
Malassezia sympodialis ATCC 42132	Yeast	Unassigned	Contact	Malassezia Mala s 9	IgE but no biological test	342	CCU99206.1	465794420	14
Malus x domestica	Apple	Mal d 1.0301	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	CAA96534.1	1313966	7
Malus x domestica	Apple	Mal d 1.0401	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	160	CAA96535.1	1313968	7
Malus x domestica	Apple	Mal d 1.0402	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	160	CAA96536.1	1313970	7
Malus x domestica	Apple	Mal d 1.0403	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	160	CAA96537.1	1313972	7
Malus x domestica	Apple	Mal d 1.0206	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD13683.1	2443824	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 52 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Malus x domestica	Apple	Mal d 1.0103	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26546.1	4590364	7
Malus x domestica	Apple	Mal d 1.0203	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26547.1	4590366	7
Malus x domestica	Apple	Mal d 1.0204	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26548.1	4590368	7
Malus x domestica	Apple	Mal d 1.0104	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26552.1	4590376	7
Malus x domestica	Apple	Mal d 1.0105	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26553.1	4590378	7
Malus x domestica	Apple	Mal d 1.0106	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26554.1	4590380	7
Malus x domestica	Apple	Mal d 1.0107	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26555.1	4590382	7
Malus x domestica	Apple	Mal d 1.0205	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD26558.1	4590388	7
Malus x domestica	Apple	Mal d 1.0208	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	158	CAD32318.1	21685277	7
Malus x domestica	Apple	Mal d 1.0304	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAO25113.1	27922941	7
Malus x domestica	Apple	Mal d 1.0108	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAD29671.1	4768879	11
Malus x domestica	Apple	Mal d 1.0201	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAB01362.1	862307	11
Malus x domestica	Apple	Mal d 1.0102	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	CAA88833.1	886683	11
Malus x domestica	Apple	Mal d 1.0101	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	CAA58646.1	747852	15
Malus x domestica	Apple	Mal d 1.0109	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAK13029.1	15418742	15
Malus x domestica	Apple	Mal d 1.0207	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAK13030.1	15418744	15
Malus x domestica	Apple	Mal d 1.0302	Food Plant	Malus Mal d 1	IgE plus basophil+ or SPT+	159	AAK13027.1	15418738	15
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	26	AAB35897.1	1478293	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	246	AAX19848.1	60418842	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	246	AAX19851.1	60418848	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	246	Q9FSG7.1	30316292	8
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	158	CAT99612.1	218059718	10
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	158	CAT99611.1	218059715	10
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	193	AFM77001.1	392507603	13

Malus x domestica	Apple	Mal d 2.0101	Food Plant	Malus Mal d 2	IgE but no biological test	245	AAC36740.1	3643249	15
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 2	IgE but no biological test	159	APG29330.1	1109403341	18
Malus x domestica	Apple	Mal d 3.0201	Food Plant	Malus Mal d 3	IgE plus basophil+ or SPT+	115	AAF26450.1	6715522	7
Malus x domestica	Apple	Mal d 3.0203	Food Plant	Malus Mal d 3	IgE plus basophil+ or SPT+	115	AAT80665.1	50659891	7
Malus x domestica	Apple	Mal d 3.0202	Food Plant	Malus Mal d 3	IgE plus basophil+ or SPT+	115	AAT80664.1	50659889	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 3	IgE plus basophil+ or SPT+	115	AAT80662.1	50659885	7
Malus x domestica	Apple		Food Plant	Malus Mal d 3	IgE plus basophil+ or SPT+	115	AAT80659.1	50659879	7
Malus x domestica	Apple	Mal d 3.0102	Food Plant	Malus Mal d 3	IgE plus basophil+ or SPT+	115	AAT80649.1	50659859	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 3	IgE plus basophil+ or SPT+	115	AAR22488.1	38492338	7
Malus x domestica	Apple	Mal d 4.0302	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	CAD46559.1	28881453	7
Malus x domestica	Apple	Mal d 4.0102	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	CAD46561.1	28881457	7
Malus x domestica	Apple	Mal d 4.0202	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	CAD46560.1	28881455	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	AAX19854.1	60418854	7
Malus x domestica	Apple		Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	AAX19856.1	60418858	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	AAX19858.1	60418862	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	AAX19860.1	60418866	7
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	CAK93713.1	164510842	9
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	CAK93753.1	164510858	9
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	CAK93757.1	164510860	9
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	77	CAT99618.1	218059730	10
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	115	CAT99619.1	218059733	10
Malus x domestica	Apple	Unassigned	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	CAT99617.1	218059728	10
Malus x domestica	Apple	Mal d 4.0301	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	AAD29412.1	4761584	11
Malus x domestica	Apple	Mal d 4.0201	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	AAD29413.1	4761586	11

Malus x domestica	Apple	Mal d 4.0101	Food Plant	Malus Mal d 4	IgE plus basophil+ or SPT+	131	AAD29414.1	4761588	11
Manihot esculenta	Cassava	Unassigned	Food Plant	Manihot Man e 5.0101	IgE but no biological test	177	AAM55492.1	21585695	7
Manihot esculenta	Cassava	Man e 5.0101	Food Plant	Manihot Man e 5.0101	IgE but no biological test	177	AEE98392.1	332713934	14
Manilkara zapota	Sapodilla plum	Unassigned	Food Plant	Manilkara Thaumatin like protein 1	IgE but no biological test	12	B3EWS0.1	442580988	14
Manilkara zapota	Sapodilla plum	Unassigned	Food Plant	Manilkara Thaumatin like protein 1	IgE but no biological test	9	B3EWE5.3	442570282	14
Manilkara zapota	Sapodilla plum	Unassigned	Food Plant	Manilkara Thaumatin like protein 1	IgE but no biological test	207	G5DC91.2	663434113	15
Marsupenaeus japonicus	Kuruma Shrimp	Unassigned	Food Animal	Marsupenaeus tropomyosin	IgE but no biological test	284	BAF47263.1	125995159	8
Melicertus latisulcatus	King Prawn	Mel l 1.0101	Food Animal	Melicertus tropomyosin	IgE but no biological test	284	AGF86397.1	451935062	14
Mercurialis annua	Annual mercury grass	Mer a 1.0101	Aero Plant	Mercurialis Mer a 1	IgE but no biological test	133	CAA73720.1	2959898	7
Merluccius australis australis	southern hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86745.1	308191452	12
Merluccius australis polylepis	Southern hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86749.1	308191453	12
Merluccius australis polylepis	Southern hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86750.1	308191464	12
Merluccius bilinearis	Silver hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86752.1	308191465	12
Merluccius bilinearis	Silver hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86753.1	308191478	12
Merluccius bilinearis	Silver hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	94	P86754.1	308191488	12
Merluccius capensis	Shallow-water cape hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86757.1	308191466	12
Merluccius gayi	Southern Pacific hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86761.1	308191455	12
Merluccius gayi	Southern Pacific hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	91	P86760.1	308191489	12
Merluccius merluccius	European hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P02620.1	131116	12
Merluccius merluccius	European hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86765.1	308191469	12
Merluccius paradoxus	Deep-water cape hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86768.1	308191457	12
Merluccius paradoxus	Deep-water cape hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86769.1	308191470	12
Merluccius paradoxus	Deep-water cape hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	95	P86770.1	308191483	12
Merluccius polli	Benguela hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86771.1	308191471	12

Merluccius polli	Benguela hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	69	P86772.1	308191484	12
Merluccius productus	North Pacific hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86774.1	308191459	12
Merluccius productus	North Pacific hake	Unassigned	Food Animal	Merluccius sp. Macruronus sp. Parvalbumin Hake	IgE but no biological test	108	P86775.1	308191472	12
Mesocricetus auratus	Golden hamster	Mes a 1.0101	Aero Animal	Mesocricetus auratus Mes a 1	IgE but no biological test	172	AAD55792.2	13124669	16
Mesocricetus auratus	Golden hamster	Unassigned	Aero Animal	Mesocricetus auratus Mes a 1	IgE but no biological test	172	Q99MG7.1	81916647	17
Metapenaeus ensis	Greasyback shrimp	Met e 1.0101	Food Animal	Metapenaeus Met e 1 Tropomyosin	IgE but no biological test	274	AAA60330.1	607633	7
Mimachlamys nobilis	Noble scallop	Unassigned	Food Animal	Mimachlamys Tropomyosin	IgE plus basophil+ or SPT+	284	AAG08989.1	9954253	7
Morus alba var. atropurpurea	White Mulberry	Unassigned	Food Plant	Morus winter accumulating protein	IgE but no biological test	157	AHW81906.1	610664572	15
Morus bombycis	Mulberry	Unassigned	Food Plant	Morus winter accumulating protein	IgE but no biological test	157	AAV33670.1	54311115	12
Morus bombycis	Mulberry	Unassigned	Food Plant	Morus winter accumulating protein	IgE but no biological test	157	AAV33672.1	54311119	12
Morus nigra	Black mulberry	Mor n 3.0101	Food Plant	Morus Mor n 3 mulberry LTP	IgE plus basophil+ or SPT+	91	P85894.1	288561913	11
Mus musculus	Mouse		Aero Animal	Mus Mus m 1	IgE plus basophil+ or SPT+	180	P02762.2	20178291	7
Mus musculus	Mouse	Mus m 1.0101	Aero Animal	Mus Mus m 1	IgE plus basophil+ or SPT+	180	CAA26953.1	295910	15
Mus musculus	Mouse	Unassigned	Aero Animal	Mus Mus m 1	IgE plus basophil+ or SPT+	181	A2BIM8.1	980952242	17
Mus musculus domesticus	Mouse	Mus m 1.0102	Aero Animal	Mus Mus m 1	IgE plus basophil+ or SPT+	180	AAA39768.1	199881	15
Musa acuminata	Banana	Mus a 1.0101	Food Plant	Musa acuminata Mus a 1 profilin banana	IgE but no biological test	131	AAK54834.1	14161635	7
Musa acuminata	Banana	Unassigned	Food Plant	Musa acuminata Mus a 5 Endo-Beta-1,3-Glucanase	IgE plus basophil+ or SPT+	312	2CYG_A	83754908	7
Musa acuminata	Banana	Mus a 4.0101	Food Plant	Musa Mus a 4	IgE plus basophil+ or SPT+	200	123Q_A	88191901	7
Musa acuminata	Banana	Mus a 2.0101	Food Plant	Musa Mus s 2	IgE but no biological test	318	CAC81811.1	17932710	15
Musa acuminata AAA Group	Banana	Unassigned	Food Plant	Musa acuminata Mus a 5 Endo-Beta-1,3-Glucanase	IgE plus basophil+ or SPT+	340	AAB82772.2	6073860	14
Myrmecia banksi	Giant Bull Ant	Myr p 3.0101	Venom or Salivary	Myrmecia Myr p 3 listed as Myrmecia banksi	IgE but no biological test	84	BAD36780.1	51241753	15
Myrmecia pilosula	Jumper ant	Unassigned	Venom or Salivary	Myrmecia Myr p 1	IgE but no biological test	112	AAB50883.1	1911819	7
Myrmecia pilosula	Jumper ant	Myr p 1.0101	Venom or Salivary	Myrmecia Myr p 1	IgE but no biological test	112	CAA49760.1	312284	15
Myrmecia pilosula	Jumper ant		Venom or Salivary	Myrmecia Myr p 2	IgE but no biological test	75	2206305A	1587177	7

Myrmecia pilosula	Jumper ant	Myr p 2.0101	Venom or Salivary	Myrmecia Myr p 2	IgE but no biological test	75	AAB36316.1	1438761	10
Neptunea polycostata	Wrinkled Neptune	Unassigned	Food Animal	Neptunea tropomyosin	IgE but no biological test	284	BAH10150.1	219806590	10
Nicotiana tabacum	Tobacco	Unassigned	Aero Plant	Nicotiana villin	IgE but no biological test	520	CAE17317.1	57283139	7
Nicotiana tabacum	Tobacco	Unassigned	Aero Plant	Nicotiana villin	IgE but no biological test	559	CAE17316.1	57283137	7
Octopus vulgaris	Octopus	Unassigned	Food Animal	Octopus tropomyosin	IgE but no biological test	284	BAE54433.1	83715936	7
Olea europaea	Olive tree	Unassigned	Aero Plant	olea no IUIS Ole e 12	IgE but no biological test	308	E1U332.1	449061782	14
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea No IUIS Ole e 13	IgE but no biological test	226	E3SU11.1	449061783	14
Olea europaea	Olive tree	Ole e 1.0102	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	145	P19963.2	14424429	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	137	I53806	1362128	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	136	E53806	1362129	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	136	F53806	1362130	7
Olea europaea	Olive tree	Ole e 1.0104	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	145	C53806	1362131	7
Olea europaea	Olive tree		Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	137	A38968	1362132	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	136	G53806	1362133	7
Olea europaea	Olive tree	Ole e 1.0103	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	145	B53806	1362136	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	136	H53806	1362137	7
Olea europaea	Olive tree	Ole e 1.0105	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	146	CAA73038.1	2465127	7
Olea europaea	Olive tree	Ole e 1.0106	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	146	CAA73037.1	2465129	7
Olea europaea	Olive tree	Ole e 1.0107	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	146	CAA73036.1	2465131	7
Olea europaea	Olive tree	Ole e 1.0101	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	130	AAB32652.2	13195753	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	134	AAO22133.1	37724597	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	135	AAO22132.1	37724593	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	132	AAN18044.1	37548753	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	131	AAQ10281.1	33329758	7



Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 57 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	132	AAQ10280.1	33329756	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	132	AAQ10279.1	33329754	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	131	AAQ10278.1	33329752	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	131	AAQ10277.1	33329750	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	129	AAQ10276.1	33329748	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	131	AAQ10274.1	33329744	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	132	AAQ10271.1	33329738	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	132	AAQ10268.1	33329732	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	132	AAQ08190.1	33325115	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	140	ABP58632.1	145313982	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	140	ABP58633.1	145313984	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	140	ABP58635.1	145313988	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	140	ABP58636.1	145313990	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 1	IgE plus basophil+ or SPT+	140	ABP58637.1	145313992	9
Olea europaea	Olive tree	Ole e 10.0101	Aero Plant	Olea Ole e 10	IgE plus basophil+ or SPT+	123	AAL92578.1	29465664	7
Olea europaea	Olive tree		Aero Plant	Olea Ole e 11.0101 and 0102	IgE but no biological test	364	AAY88919.1	68270856	11
Olea europaea	Olive tree	Ole e 11.0101	Aero Plant	Olea Ole e 11.0101 and 0102	IgE but no biological test	364	ACZ57582.1	269996495	11
Olea europaea	Olive tree		Aero Plant	Olea Ole e 2	IgE but no biological test	134	O24170.1	3914427	7
Olea europaea	Olive tree		Aero Plant	Olea Ole e 2	IgE but no biological test	134	O24171.1	3914428	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 2	IgE but no biological test	131	A4GFC0.1	576017874	15
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 2	IgE but no biological test	131	A4GFC3.1	576017774	15
Olea europaea	Olive tree	Ole e 2.0101	Aero Plant	Olea Ole e 2	IgE but no biological test	134	CAA73035.1	2465133	15
Olea europaea	Olive tree	Ole e 3.0101	Aero Plant	Olea Ole e 3	IgE plus basophil+ or SPT+	84	AAD05375.1	3337403	7
Olea europaea	Olive tree		Aero Plant	Olea Ole e 3	IgE plus basophil+ or SPT+	52	AAO33897.1	37725377	7

Olea europaea	Olive tree	Ole e 5.0101	Aero Plant	Olea Ole e 5	IgE but no biological test	30	P80740.2	122064581	8
Olea europaea	Olive tree		Aero Plant	Olea Ole e 5	IgE but no biological test	152	CAD21706.2	39840779	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABP58627.1	145313972	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26131.1	160347106	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	144	ABX26132.1	160347108	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26134.1	160347112	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26138.1	160347120	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26139.1	160347122	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26140.1	160347124	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26141.1	160347126	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26143.1	160347130	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26145.1	160347134	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX26147.1	160347138	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54842.1	160962543	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54844.1	160962547	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54849.1	160962557	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54855.1	160962569	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54859.1	160962577	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54862.1	160962583	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	144	ABX54864.1	160962587	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54866.1	160962591	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54869.1	160962597	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54876.1	160962611	9
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 5	IgE but no biological test	152	ABX54877.1	160962613	9

Olea europaea	Olive tree	Ole e 6.0101	Aero Plant	Olea Ole e 6	IgE but no biological test	50	AAB66909.1	2276458	11
Olea europaea	Olive tree	Ole e 7.0101	Aero Plant	Olea Ole e 7	IgE but no biological test	21	P81430.2	22002032	7
Olea europaea	Olive tree		Aero Plant	Olea Ole e 8	IgE but no biological test	171	AAF31152.1	6901654	7
Olea europaea	Olive tree	Ole e 8.0101	Aero Plant	Olea Ole e 8	IgE but no biological test	171	AAF31151.1	6901652	11
Olea europaea	Olive tree	Ole e 9.0101	Aero Plant	Olea Ole e 9	IgE plus basophil+ or SPT+	460	AAK58515.1	14279169	7
Olea europaea	Olive tree	Unassigned	Aero Plant	Olea Ole e 9	IgE plus basophil+ or SPT+	101	2JON_A	166235350	9
Ommastrephes bartramii	red squid	Unassigned	Food Animal	Ommastrephes tropomyosin	IgE but no biological test	284	BAE54432.1	83715934	7
Onchocerca volvulus	Parasitic nematode	Unassigned	Worm (parasite)	Onchocerca tropomyosin	IgE plus basophil+ or SPT+	284	Q25632.1	42559586	12
Oncorhynchus keta	chum salmon	Onc k 5.0101	Food Animal	Oncorhynchus Onc k 5	IgE but no biological test	193	BAJ07603.1	296040357	15
Oncorhynchus mykiss	rainbow trout	Onc m 1.0101	Food Animal	Oncorhynchus Rainbow trout parv Onc m 1	IgE but no biological test	108	P86431.1	288559139	11
Oncorhynchus mykiss	rainbow trout	Onc m 1.0201	Food Animal	Oncorhynchus Rainbow trout parv Onc m 1	IgE but no biological test	107	P86432.1	288559140	11
Oratosquilla oratoria	mantis shrimp	Unassigned	Food Animal	Oratosquilla tropomyosin	IgE plus basophil+ or SPT+	284	BAF95206.1	162286975	9
Oreochromis mossambicus	Mozambique tilapia	Ore m 4.0101	Food Animal	Oreochromis Ore m 4 tropomyosin	IgE but no biological test	284	AFV53352.1	410060781	14
Oryctolagus cuniculus	European rabbit	Ory c 3.A.0101	Aero Animal	Oryctolagus Ory c 3	IgE plus basophil+ or SPT+	93	AAG42806.1	11993600	15
Oryctolagus cuniculus	European rabbit	Ory c 3.B.0101	Aero Animal	Oryctolagus Ory c 3	IgE plus basophil+ or SPT+	90	AAG42802.1	11993592	15
Oryza sativa	Rice	Unassigned	Food Plant	Oryza Glyoxalase I	IgE but no biological test	291	Q948T6.2	84029333	7
Oryza sativa	Rice	Ory s 1.0101	Aero Plant	Oryza Ory s 1	IgE but no biological test	263	AAA86533.1	1173557	8
Oryza sativa	Rice	Unassigned	Aero Plant	Oryza Ory s 1	IgE but no biological test	267	AAF72991.1	8118439	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Glyoxalase I	IgE but no biological test	291	BAB71741.1	16580747	7
Oryza sativa (japonica cultivar-group)	Rice		Aero Plant	Oryza Ory s 1	IgE but no biological test	267	Q40638.2	109913547	8
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Aero Plant	Oryza putative polcalcin Phl p 7	IgE but no biological test	82	BAD13150.1	45736119	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	157	BAC20657.1	23616954	8
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	165	BAA01998.1	218193	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	157	BAA01996.1	218197	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 60 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	111	BAA07772.1	1304216	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	109	BAA07773.1	1304217	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	113	BAA07774.1	1304218	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	166	BAA07710.1	1398913	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	160	BAA07711.1	1398915	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	157	BAA07712.1	1398916	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	160	BAA07713.1	1398918	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	157	AAB99797.1	2827316	7
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	166	Q01882.2	114152865	8
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	163	Q01883.2	114152864	8
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	160	BAC19997.1	23495787	8
Oryza sativa (japonica cultivar-group)	Rice	Unassigned	Food Plant	Oryza Trypsin alpha-amylase inhibitor	IgE but no biological test	160	BAC20650.1	23616947	7
Ostrya carpinifolia	European hop hornbeam	Ost c 1.0101	Aero Plant	Ostrya Ost c 1pollen allergen	IgE plus basophil+ or SPT+	160	ADK39021.1	300872535	12
Pachycondyla chinensis	Asian needle ant	Pac c 3.0101	Venom or Salivary	Pachycondyla Pac c 3 allergen	IgE but no biological test	199	ACA96507.1	169822894	10
Pandalus borealis	caribbean shrimp	Pan b 1.0101	Food Animal	Pandalus Pan b 1	IgE but no biological test	284	CBY17558.1	312831088	12
Panulirus stimpsoni	Lobster	Pan s 1.0101	Food Animal	Panulirus Pan s 1	IgE plus basophil+ or SPT+	274	AAC38996.1	3080761	11
Paralithodes camtschaticus	Kamchatka crab	Unassigned	Food Animal	Paralithodes tropomyosin	IgE but no biological test	284	BAF47265.1	125995163	8
Paralithodes camtschaticus	Kamchatka crab	Unassigned	Food Animal	Paralithodes tropomyosin	IgE but no biological test	284	BAF47266.1	125995165	8
Parietaria judaica	Weed		Aero Plant	Parietaria Par j 1	IgE plus basophil+ or SPT+	143	2008179A	741844	7
Parietaria judaica	Weed	Par j 1.0102	Aero Plant	Parietaria Par j 1	IgE plus basophil+ or SPT+	176	CAA65123.1	1532058	7
Parietaria judaica	Weed	Par j 1.0101	Aero Plant	Parietaria Par j 1	IgE plus basophil+ or SPT+	133	CAA54587.1	992612	15
Parietaria judaica	Weed	Par j 1.0103	Aero Plant	Parietaria Par j 1	IgE plus basophil+ or SPT+	139	CAI94601.1	95007033	15
Parietaria judaica	Weed		Aero Plant	Parietaria Par j 1	IgE plus basophil+ or SPT+	138	CAA59370.1	706811	15
Parietaria judaica	Weed	Par j 2.0102	Aero Plant	Parietaria Par j 2	IgE plus basophil+ or SPT+	133	CAA65122.1	1532056	7

Parietaria judaica	Weed	Par j 2.0101	Aero Plant	Parietaria Par j 2	IgE plus basophil+ or SPT+	133	P55958.1	2497750	7
Parietaria judaica	Weed	Par j 3.0102	Aero Plant	Parietaria Par j 3 profilin	IgE plus basophil+ or SPT+	131	Q9T0M8.1	14423869	7
Parietaria judaica	Weed	Par j 3.0101	Aero Plant	Parietaria Par j 3 profilin	IgE plus basophil+ or SPT+	132	Q9XG85.1	14423876	7
Parietaria judaica	Weed	Par j 3.0201	Aero Plant	Parietaria Par j 3 profilin	IgE plus basophil+ or SPT+	131	CCP19647.1	444175753	14
Parietaria judaica	Weed	Par j 4.0101	Aero Plant	Parietaria Par j 4	IgE plus basophil+ or SPT+	84	CAP05019.1	201071363	15
Parietaria officinalis	Weed	Par o 1.0101	Aero Plant	Parietaria Par o 1	IgE but no biological test	12	Q7M1E8	75139847	7
Parietaria officinalis	Weed		Aero Plant	Parietaria Par o 1	IgE but no biological test	17	AAB36008.1	1311509	7
Parietaria officinalis	Weed		Aero Plant	Parietaria Par o 1	IgE but no biological test	15	AAB36009.1	1311510	7
Parietaria officinalis	Weed		Aero Plant	Parietaria Par o 1	IgE but no biological test	15	AAB36010.1	1311511	7
Parietaria officinalis	Weed		Aero Plant	Parietaria Par o 1	IgE but no biological test	15	AAB36011.1	1311512	7
Parietaria officinalis	Weed		Aero Plant	Parietaria Par o 1	IgE but no biological test	30	AAB36012.1	1311513	7
Parietaria officinalis	Weed		Aero Plant	Parietaria Par o 1	IgE but no biological test	24	AAB46820.1	1836011	7
Parietaria officinalis	Weed	Unassigned	Aero Plant	Parietaria Par o 1	IgE but no biological test	25	AAB46819.1	1836010	7
Parthenium hysterophorus		Par h 1.0101	Aero Plant	Parthenium hysterophorus Par h 1	IgE but no biological test	156	AKF12278.1	817033923	17
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	169	CBM42667.1	338930686	12
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	169	CBM42666.1	338930684	12
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	169	CBM42665.1	338930682	12
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	169	CBM42664.1	338930680	12
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	393	CBM42663.1	338930678	12
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	393	CBM42662.1	338930676	12
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	391	CBM42661.1	338930674	12
Paspalum notatum	Bahia grass	Unassigned	Aero Plant	Paspalum group 13 pollen allergen	IgE plus basophil+ or SPT+	395	CBM42660.1	338930672	12
Paspalum notatum	Bahia grass	Pas n 1.0101	Aero Plant	Paspalum Pas n 1 beta expansin	IgE plus basophil+ or SPT+	265	ACA23876.1	168419914	10
Penaeus monodon	Black tiger shrimp	Pen m 1.0101	Food Animal	Penaeus Pen m 1 tropomyosin	IgE but no biological test	284	AAX37288.1	60892782	15

Penaeus monodon	Black tiger shrimp	Pen m 2.0101	Food Animal	Penaeus Pen m 2	IgE plus basophil+ or SPT+	356	AAO15713.1	27463265	7
Penaeus monodon	Black tiger shrimp	Unassigned	Food Animal	Penaeus Pen m 2	IgE plus basophil+ or SPT+	356	C7E3T4.1	308154236	12
Penaeus monodon	Black tiger shrimp	Pen m 3.0101	Food Animal	Penaeus Pen m 3 myosin light chain	IgE but no biological test	177	ADV17342.1	317383196	12
Penaeus monodon	Black tiger shrimp	Pen m 4.0101	Food Animal	Penaeus Pen m 4 sarcoplasmic calcium binding	IgE but no biological test	193	ADV17343.1	317383198	12
Penicillium brevicompactum	Fungus	Pen b 26.0101	Aero Fungi	Penicillium Pen b 26	IgE but no biological test	107	AAX11194.1	59894749	7
Penicillium chrysogenum	Fungus	Pen ch 18.0101	Aero Fungi	Penicillium Pen 18	IgE but no biological test	494	AAF71379.1	7963902	7
Penicillium chrysogenum	Fungus		Aero Fungi	Penicillium Pen 18	IgE but no biological test	494	AAG44693.2	14215732	7
Penicillium chrysogenum	Fungus	Pen ch 13.0101	Aero Fungi	Penicillium Pen ch 13	IgE plus basophil+ or SPT+	397	AAF23726.1	6684758	7
Penicillium chrysogenum	Fungus		Aero Fungi	Penicillium Pen ch 13	IgE plus basophil+ or SPT+	398	AAM33821.1	21069093	7
Penicillium chrysogenum	Fungus	Pen ch 20.0101	Aero Fungi	Penicillium Pen ch 20	IgE but no biological test	117	AAB34785.1	999009	7
Penicillium chrysogenum	Fungus	Pen ch 35.0101	Aero Fungi	Penicillium Pen ch 35	IgE but no biological test	324	ADK27483.1	300679427	15
Penicillium citrinum	Fungus	Unassigned	Aero Fungi	Penicillium Pen 18	IgE but no biological test	457	AAD25995.1	4588118	7
Penicillium citrinum	Fungus	Unassigned	Aero Fungi	Penicillium Pen 18	IgE but no biological test	358	AAG44480.1	12005501	7
Penicillium citrinum	Fungus	Pen c 19.0101	Aero Fungi	Penicillium Pen c 19	IgE but no biological test	503	Q92260.1	14423733	7
Penicillium citrinum	Fungus	Pen c 22.0101	Aero Fungi	Penicillium Pen c 22	IgE but no biological test	438	AAK51201.1	13991101	7
Penicillium citrinum	Fungus	Pen c 24.0101	Aero Fungi	Penicillium Pen c 24	IgE but no biological test	228	AAR17475.1	38326693	7
Penicillium citrinum	Fungus	Pen c 3.0101	Aero Fungi	Penicillium Pen c 3	IgE but no biological test	167	AAD42074.1	5326864	7
Penicillium citrinum	Fungus	Pen c 30.0101	Aero Fungi	Penicillium Pen c 30	IgE but no biological test	733	ABB89950.1	82754305	7
Penicillium citrinum	Fungus	Pen c 32.0101	Aero Fungi	Penicillium Pen c 32	IgE but no biological test	290	ABM60783.1	121584258	8
Penicillium citrinum	Fungus	Pen c 3.0101	Aero Fungi	Penicillium Pen ch 13	IgE plus basophil+ or SPT+	397	AAD25926.1	4587983	7
Penicillium crustosum	Fungus	Pen cr 26.0101	Aero Fungi	Penicillium crustosum Pen cr 26 60s P1	IgE but no biological test	107	AEX34122.1	371537645	13
Penicillium oxalicum	Fungus	Pen o 18.0101	Aero Fungi	Penicillium Pen 18	IgE but no biological test	503	AAG44478.1	12005497	7
Periplaneta americana	American cockroach	Per a 11.0101	Aero Insect	Periplaneta americana Per a 11	IgE plus basophil+ or SPT+	494	AKH04310.1	821092692	16
Periplaneta americana	American cockroach	Per a 12.0101	Aero Insect	Periplaneta americana Per a 12	IgE plus basophil+ or SPT+	407	AKH04311.1	821092694	16

Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta GST Per a 5	IgE plus basophil+ or SPT+	216	AAX33729.1	60678789	7
Periplaneta americana	American cockroach	Per a 5.0102	Aero Insect	Periplaneta GST Per a 5	IgE plus basophil+ or SPT+	216	AEV23867.1	359326557	15
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Not in IUIS Per a 4	IgE but no biological test	183	AAX33728.1	60678787	7
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Not in IUIS Per a 4	IgE but no biological test	163	3EBW_A	215794707	10
Periplaneta americana	American cockroach	Per a 11.0101	Aero Insect	Periplaneta Not in IUIS Per a 4	IgE but no biological test	167	ACJ37391.1	212675312	10
Periplaneta americana	American cockroach	Per a 7.0102	Aero Insect	Periplaneta Per 7	IgE plus basophil+ or SPT+	284	AAD19606.1	4378573	7
Periplaneta americana	American cockroach	Per a 7.0101	Aero Insect	Periplaneta Per 7	IgE plus basophil+ or SPT+	284	CAB38086.1	4468639	7
Periplaneta americana	American cockroach	Per a 6.0101	Aero Insect	Periplaneta Per 7	IgE plus basophil+ or SPT+	284	ACS14052.1	239740599	11
Periplaneta americana	American cockroach	Per a 1.0201	Aero Insect	Periplaneta Per a 1	IgE plus basophil+ or SPT+	446	AAC34736.1	2231297	7
Periplaneta americana	American cockroach	Per a 1.0104	Aero Insect	Periplaneta Per a 1	IgE plus basophil+ or SPT+	274	AAC34737.1	2253610	7
Periplaneta americana	American cockroach	Per a 1.0103	Aero Insect	Periplaneta Per a 1	IgE plus basophil+ or SPT+	395	AAB82404.1	2580504	7
Periplaneta americana	American cockroach	Per a 1.0102	Aero Insect	Periplaneta Per a 1	IgE plus basophil+ or SPT+	228	AAC34312.1	2897849	7
Periplaneta americana	American cockroach	Per a 1.0101	Aero Insect	Periplaneta Per a 1	IgE plus basophil+ or SPT+	231	AAD13533.1	4240399	7
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Per a 1	IgE plus basophil+ or SPT+	124	AAP13554.1	30144660	7
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Per a 1	IgE plus basophil+ or SPT+	395	ADB92492.1	284518361	11
Periplaneta americana	American cockroach	Per a 10.0101	Aero Insect	Periplaneta Per a 10 ser protease	IgE plus basophil+ or SPT+	256	AAX33734.1	60678799	7
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Per a 2	IgE but no biological test	351	AAX33727.1	60678785	7
Periplaneta americana	American cockroach	Per a 2.0101	Aero Insect	Periplaneta Per a 2	IgE but no biological test	351	ADR82198.1	313870534	12
Periplaneta americana	American cockroach	Per a 3.0201	Aero Insect	Periplaneta Per a 3	IgE plus basophil+ or SPT+	631	AAB09632.1	1531589	7
Periplaneta americana	American cockroach	Per a 3.0202	Aero Insect	Periplaneta Per a 3	IgE plus basophil+ or SPT+	470	AAB62731.1	1580794	7
Periplaneta americana	American cockroach	Per a 3.0203	Aero Insect	Periplaneta Per a 3	IgE plus basophil+ or SPT+	393	AAB63595.1	1580797	7
Periplaneta americana	American cockroach	Per a 3.0101	Aero Insect	Periplaneta Per a 3	IgE plus basophil+ or SPT+	685	Q25641.1	2833325	9
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Per a 3	IgE plus basophil+ or SPT+	688	ADB92493.1	284518363	11
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Per a 3	IgE plus basophil+ or SPT+	685	ADD17628.1	289721058	11

Periplaneta americana	American cockroach	Per a 6.0101	Aero Insect	Periplaneta Per a 6	IgE but no biological test	151	AAX33730.1	60678791	8
Periplaneta americana	American cockroach	Unassigned	Aero Insect	Periplaneta Per a 9	IgE but no biological test	356	AAT77152.1	50428904	8
Periplaneta americana	American cockroach	Per a 9.0101	Aero Insect	Periplaneta Per a 9	IgE but no biological test	356	ACA00204.1	167782135	9
Periplaneta fuliginosa	Smokybrown cockroach	Unassigned	Aero Insect	Periplaneta Per 7	IgE plus basophil+ or SPT+	284	AAL86701.1	19310971	7
Perna viridis	Asian green mussell	Unassigned	Food Animal	Perna Tropomyosin	IgE but no biological test	284	AAG08988.1	9954251	7
Persea americana	Avocado	Pers a 1.0101	Food Plant	Persea Pers a 1	IgE but no biological test	326	CAB01591.1	3201547	7
Phalaris aquatica	Canary grass	Unassigned	Aero Plant	Phalaris Pha a 1	IgE but no biological test	20	AAB27445.1	409328	7
Phalaris aquatica	Canary grass	Pha a 1.0101	Aero Plant	Phalaris Pha a 1	IgE but no biological test	269	Q41260.1	2498576	7
Phalaris aquatica	Canary grass	Pha a 5.0101	Aero Plant	Phalaris Pha a 5	IgE but no biological test	320	P56164.1	2498577	7
Phalaris aquatica	Canary grass	Unassigned	Aero Plant	Phalaris Pha a 5	IgE but no biological test	305	P56165.1	2498578	7
Phalaris aquatica	Canary grass	Unassigned	Aero Plant	Phalaris Pha a 5	IgE but no biological test	294	P56166.1	2498579	7
Phalaris aquatica	Canary grass	Unassigned	Aero Plant	Phalaris Pha a 5	IgE but no biological test	175	P56167.1	2498580	7
Phaseolus vulgaris	Kidney bean	Pha v 3.0101	Food Plant	Phaseolus Pha v 3	IgE plus basophil+ or SPT+	115	ADC80502.1	289064177	11
Phaseolus vulgaris	Kidney bean	Pha v 3.0201	Food Plant	Phaseolus Pha v 3	IgE plus basophil+ or SPT+	118	ADC80503.1	289064179	11
Phleum pratense	Common timothy	Phl p 1.0102	Aero Plant	Phleum Phl p 1	IgE plus basophil+ or SPT+	263	CAA55390.1	473360	7
Phleum pratense	Common timothy	Phl p 1.0101	Aero Plant	Phleum Phl p 1	IgE plus basophil+ or SPT+	263	CAA81613.1	3901094	7
Phleum pratense	Common timothy	Phl p 2.0101	Aero Plant	Phleum Phl p 1	IgE plus basophil+ or SPT+	241	1N10_A	28373838	7
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 1	IgE plus basophil+ or SPT+	240	CAG24374.1	45823012	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 1	IgE plus basophil+ or SPT+	262	2118271A	1582250	10
Phleum pratense	Common timothy	Phl p 11.0101	Aero Plant	Phleum Phl p 11	IgE plus basophil+ or SPT+	143	AAN32987.1	23452313	7
Phleum pratense	Common timothy	Phl p 12.0103	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	CAA70609.1	2415700	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	ABG81289.1	110644906	8
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	ABG81290.1	110644908	8
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	ABG81291.1	110644910	8



Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	ABG81292.1	110644912	8
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 12	IgE but no biological test	131	ABG81293.1	110644914	8
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	ABG81294.1	110644916	8
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	ABG81295.1	110644918	8
Phleum pratense	Common timothy	Phl p 12.0102	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	CAA70608.1	2415698	10
Phleum pratense	Common timothy	Phl p 12.0101	Aero Plant	Phleum Phl p 12	IgE but no biological test	131	CAA54686.1	453976	15
Phleum pratense	Common timothy	Phl p 13.0101	Aero Plant	Phleum Phl p 13	IgE plus basophil+ or SPT+	394	CAB42886.1	4826572	7
Phleum pratense	Common timothy	Phl p 2.0101	Aero Plant	Phleum Phl p 2	IgE but no biological test	122	CAA53529.1	415896	7
Phleum pratense	Common timothy	Phl p 4.0101	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	508	CAD54670.2	54144332	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	500	CAF32567.2	45108973	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	500	CAF32566.2	45108967	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	500	CAQ55938.1	189014266	10
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	500	CAQ55939.1	189014268	10
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	500	CAQ55940.1	189014270	10
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	500	CAQ55941.1	189014272	10
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	500	3TSH_A	405944794	14
Phleum pratense	Common timothy	Phl p 4.0201	Aero Plant	Phleum Phl p 4	IgE plus basophil+ or SPT+	508	CAD54671.2	54144334	15
Phleum pratense	Common timothy	Phl p 5.0101	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	312	CAA52753.1	398830	7
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	257	S32101	422005	7
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	280	S38584	481397	7
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	24	Q7M1L8	75139900	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	285	2023228A	1092249	7
Phleum pratense	Common timothy	Phl p 5.0202	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	281	CAB05371.1	1684718	7
Phleum pratense	Common timothy	Phl p 5.0104	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	276	CAB05372.1	1684720	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 66 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Phleum pratense	Common timothy	Phl p 5.0102	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	286	CAA50281.1	2398757	7
Phleum pratense	Common timothy	Phl p 5.0105	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	276	AAC16525.1	3135497	7
Phleum pratense	Common timothy	Phl p 5.0106	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	276	AAC16526.1	3135499	7
Phleum pratense	Common timothy	Phl p 5.0107	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	276	AAC16527.1	3135501	7
Phleum pratense	Common timothy	Phl p 5.0108	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	276	AAC16528.1	3135503	7
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	312	AAC25994.1	3309039	7
Phleum pratense	Common timothy	Phl p 5.0203	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	295	AAC25995.1	3309041	7
Phleum pratense	Common timothy	Phl p 5.0206	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	290	AAC25997.1	3309045	7
Phleum pratense	Common timothy	Phl p 5.0207	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	AAC25998.1	3309047	7
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	275	AAK25823.1	13430402	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38384.1	21725606	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38385.1	21725608	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38386.1	21725610	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38387.1	21725612	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38388.1	21725614	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38389.1	21725616	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38390.1	21725618	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38391.1	21725620	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38392.1	21725622	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38393.1	21725624	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38394.1	21725626	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38395.1	21725628	7
Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38396.1	21725630	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	287	CAD38397.1	21725632	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 67 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Phleum pratense	Common timothy		Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	102	1L3P_A	28948464	7
Phleum pratense	Common timothy	Phl p 5.0109	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	284	CAD87529.1	29500897	7
Phleum pratense	Common timothy	Phl p 5.0201	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	284	CAA81609.1	2398759	10
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 5	IgE plus basophil+ or SPT+	309	CCD28287.1	345108717	13
Phleum pratense	Common timothy	Phl p 6.0102	Aero Plant	Phleum Phl p 6	IgE plus basophil+ or SPT+	138	CAA76556.1	3004465	7
Phleum pratense	Common timothy	Phl p 6.0101	Aero Plant	Phleum Phl p 6	IgE plus basophil+ or SPT+	138	CAA76557.1	3004467	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 6	IgE plus basophil+ or SPT+	106	CAA76558.1	3004469	7
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum Phl p 6	IgE plus basophil+ or SPT+	111	1NLX_N	28374072	7
Phleum pratense	Common timothy	Phl p 7.0101	Aero Plant	Phleum Polcalin (Phl p 7)	IgE plus basophil+ or SPT+	78	CAA76887.1	3367732	10
Phleum pratense	Common timothy	Unassigned	Aero Plant	Phleum pollen allergen group 3	IgE plus basophil+ or SPT+	100	3FT1_A	283806867	11
Phodopus sungorus	Siberian hamster	Phod s 1.0101	Aero Plant	Phodopus sungorus lipocalin	IgE plus basophil+ or SPT+	151	AGT28425.1	530376029	16
Phoenix dactylifera	Date palm	Phl p 2.0101	Aero Plant	Phoenix Pho d 2	IgE but no biological test	131	CAD10390.1	21322677	7
Pinus koraiensis		Pin k 2.0101	Food Plant	Pinus koraiensis vicilin Pin k 2.0101	IgE but no biological test	463	AHC94918.1	567773309	15
Pinus pinea	Pine	Unassigned	Food Plant	Pinus pinea albumin AAI	IgE but no biological test	110	CEJ95862.1	749495809	16
Pinus pinea	Pine	Pin p 1.0101	Food Plant	Pinus pinea Pin p 1 2S	IgE plus basophil+ or SPT+	164	CTQ87571.1	916237486	16
Pistacia vera	ϫ½pistachio	Unassigned	Food Plant	Pistacia 11S globulin	IgE but no biological test	472	ABU42022.1	156001070	9
Pistacia vera	ϫ½pistachio	Pis v 2.0101	Food Plant	Pistacia 11S globulin	IgE but no biological test	496	ABG73109.1	110349083	10
Pistacia vera	ϫ½pistachio	Pis v 2.0201	Food Plant	Pistacia 11S globulin	IgE but no biological test	472	ABG73110.1	110349085	10
Pistacia vera	ϫ½pistachio	Pis v 1.0101	Food Plant	Pistacia Pis v 1 2S albumin	IgE but no biological test	149	ABG73108.1	110349081	10
Pistacia vera	ϫ½pistachio	Pis v 3.0101	Food Plant	Pistacia Pis v 3 vicilin	IgE but no biological test	519	ABO36677.1	133711974	10
Pistacia vera	ϫ½pistachio	Pis v 4.0101	Food Plant	Pistacia Pis v 4	IgE but no biological test	230	ABR29644.1	149786150	9
Pisum sativum	Pea	Pis s 1.0102	Food Plant	Pisum Pis s 1	IgE but no biological test	415	CAF25233.1	42414629	7
Pisum sativum	Pea	Pis s 1.0101	Food Plant	Pisum Pis s 1	IgE but no biological test	415	CAF25232.1	42414627	7
Pisum sativum	Pea	Pis s 2.0101	Food Plant	Pisum Pis s 2	IgE but no biological test	613	CAB82855.1	7339551	15

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 68 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Pisum sativum	Pea	Pis s 3.0101	Food Plant	Pisum sativum Pis s 3	IgE but no biological test	120	AJG44053.1	752855036	17
Pisum sativum	Pea	Unassigned	Food Plant	Pisum sativum Pis s 3	IgE but no biological test	120	A0A158V755.1	1064302992	18
Pisum sativum	Pea	Unassigned	Food Plant	Pisum sativum Pis s 3	IgE but no biological test	119	A0A158V976.1	1064302965	18
Pisum sativum	Pea	Unassigned	Food Plant	Pisum sativum Pis s 3	IgE but no biological test	95	2N81_A	1026943499	18
Plantago lanceolata	Narrow-leaved plantain	Pla l 1.0101	Aero Plant	Plantago Pla l 1	IgE but no biological test	131	CAC41633.1	14422359	7
Plantago lanceolata	Narrow-leaved plantain	Pla l 1.0102	Aero Plant	Plantago Pla l 1	IgE but no biological test	131	CAC41634.1	14422361	7
Plantago lanceolata	Narrow-leaved plantain	Pla l 1.0103	Aero Plant	Plantago Pla l 1	IgE but no biological test	131	CAC41635.1	14422363	7
Plantago lanceolata	Narrow-leaved plantain	Unassigned	Aero Plant	Plantago Pla l 1	IgE but no biological test	65	CAD80019.1	29163773	7
Platanus orientalis	oriental plane	Pla or 1.0101	Aero Plant	Platanus Pla or 1	IgE but no biological test	170	ABY21305.1	162949336	9
Platanus orientalis	oriental plane	Pla or 2.0101	Aero Plant	Platanus Pla or 2	IgE but no biological test	378	ABY21306.1	162949338	9
Platanus x acerifolia	London plane tree	Pla a 3.0101	Aero Plant	Platanus acerifolia Pla a 3	IgE plus basophil+ or SPT+	93	ALF39466.1	930156468	16
Platanus x acerifolia	London plane tree	Pla a 3.0201	Aero Plant	Platanus acerifolia Pla a 3	IgE plus basophil+ or SPT+	118	ALF00099.1	928541035	17
Platanus x acerifolia	London plane tree	Pla a 1.0101	Aero Plant	Platanus Pla a 1	IgE plus basophil+ or SPT+	179	CAD20556.1	26190140	7
Platanus x acerifolia	London plane tree	Pla a 2.0101	Aero Plant	Platanus Pla a 2	IgE plus basophil+ or SPT+	377	CAE52833.1	49523394	7
Plodia interpunctella	Indian meal moth	Plo i 1.0101	Aero Insect	Plodia Plo i 1 Arginine kinase	IgE plus basophil+ or SPT+	355	CAC85911.1	15886861	7
Plodia interpunctella	Indian meal moth	Plo i 2.0101	Aero Insect	Plodia Plo i 2 thioredoxin	IgE but no biological test	106	CBW45298.1	308193268	12
Poa pratensis	Kentucky bluegrass	Unassigned	Aero Plant	Poa not IUIS Poa p 9 like Poa p 5	IgE but no biological test	373	P22284.1	113560	7
Poa pratensis	Kentucky bluegrass	Unassigned	Aero Plant	Poa not IUIS Poa p 9 like Poa p 5	IgE but no biological test	307	P22286.1	113562	7
Poa pratensis	Kentucky bluegrass	Unassigned	Aero Plant	Poa not IUIS Poa p 9 like Poa p 5	IgE but no biological test	131	A60373	539056	7
Poa pratensis	Kentucky bluegrass	Unassigned	Aero Plant	Poa not IUIS Poa p 9 like Poa p 5	IgE but no biological test	333	P22285.1	113561	7
Poa pratensis	Kentucky bluegrass		Aero Plant	Poa Poa p 1	IgE but no biological test	20	A60372	280414	7
Poa pratensis	Kentucky bluegrass		Aero Plant	Poa Poa p 1	IgE but no biological test	26	F37396	320620	7
Poa pratensis	Kentucky bluegrass	Poa p 1.0101	Aero Plant	Poa Poa p 1	IgE but no biological test	263	CAA10520.1	4090265	7
Poa pratensis	Kentucky bluegrass	Poa p 5.0101	Aero Plant	Poa Poa p 5	IgE but no biological test	303	AAG42254.1	11991227	7

Polistes annularis	Paper wasp	Pol a 5.0101	Venom or Salivary	Polistes Pol 5	IgE plus basophil+ or SPT+	209	AAA29793.1	160780	7
Polistes annularis	Paper wasp	Pol a 1.0101	Venom or Salivary	Polistes Pol a 1 Pol d 1	IgE but no biological test	301	AAD52615.1	5815249	11
Polistes annularis	Paper wasp	Pol a 2.0101	Venom or Salivary	Polistes Pol a 2	IgE but no biological test	367	AAD52616.1	5815251	11
Polistes dominulus	Paper wasp	Pol d 5.0101	Venom or Salivary	Polistes Pol 5	IgE plus basophil+ or SPT+	227	AAT95010.1	51093377	7
Polistes dominulus	Paper wasp	Pol d 1.0104	Venom or Salivary	Polistes Pol a 1 Pol d 1	IgE but no biological test	316	AAS67044.1	45510893	7
Polistes dominulus	Paper wasp	Pol d 1.0103	Venom or Salivary	Polistes Pol a 1 Pol d 1	IgE but no biological test	316	AAS67043.1	45510891	7
Polistes dominulus	Paper wasp	Pol d 1.0102	Venom or Salivary	Polistes Pol a 1 Pol d 1	IgE but no biological test	316	AAS67042.1	45510889	7
Polistes dominulus	Paper wasp	Pol d 1.0101	Venom or Salivary	Polistes Pol a 1 Pol d 1	IgE but no biological test	337	AAS67041.1	45510887	7
Polistes dominulus	Paper wasp	Pol d 4.0101	Venom or Salivary	Polistes Venom serine protease	IgE but no biological test	277	AAP37412.1	30909091	7
Polistes exclamans	Paper wasp	Pol e 5.0101	Venom or Salivary	Polistes Pol 5	IgE plus basophil+ or SPT+	226	AAT95009.1	51093375	7
Polistes fuscatus	Paper wasp	Pol f 5.0101	Venom or Salivary	Polistes Pol 5	IgE plus basophil+ or SPT+	205	P35780.1	549188	7
Polistes gallicus	Paper wasp	Pol g 5.0101	Venom or Salivary	Polistes Pol 5	IgE plus basophil+ or SPT+	206	P83377.1	25091511	7
Polistes gallicus	Paper wasp	Pol g 1.0101	Venom or Salivary	Polistes Pol a 1 Pol d 1	IgE but no biological test	42	P83542.1	41017429	7
Polybia paulista	wasp	Poly p 1.0101	Venom or Salivary	Polybia Pol p 1.0101 phospholipase	IgE but no biological test	322	A2VBC4.1	166216292	9
Polybia paulista	wasp	Poly p 5.0101	Venom or Salivary	Polybia Pol p 1.0101 phospholipase	IgE but no biological test	302	ADT89774.1	315190620	12
Polybia paulista	wasp	Unassigned	Venom or Salivary	Polybia Poly p 2 hyaluronidase	IgE but no biological test	345	ADL09135.1	302201583	12
Polybia paulista	wasp	Poly p 2.0101	Venom or Salivary	Polybia Poly p 2 hyaluronidase	IgE but no biological test	288	P86687.1	302425085	12
Polybia paulista	wasp	Unassigned	Venom or Salivary	Polybia Poly p 5, Poly s 5 venom allergen	IgE but no biological test	141	ADD63684.1	290792375	11
Polybia paulista	wasp	Poly p 5.0102	Venom or Salivary	Polybia Poly p 5, Poly s 5 venom allergen	IgE but no biological test	207	P86686.1	302595972	12
Polybia scutellaris rioplatensis	Wasp	Unassigned	Venom or Salivary	Polybia Poly p 5, Poly s 5 venom allergen	IgE but no biological test	207	Q7Z156.2	47117356	7
Pontastacus leptodactylus	Danube crayfish	Pon l 4.0101	Food Animal	Pontastacus Pon l 4	IgE but no biological test	192	P05946.1	134309	15
Portunus pelagicus	blue swimmer crab	Por p 1.0101	Food Animal	Portunus Por p 1 tropomyosin	IgE plus basophil+ or SPT+	284	AGE44125.1	448278534	14
Portunus sanguinolentus	Crab	Unassigned	Food Animal	Portunus Por s and t tropomyosin	IgE but no biological test	284	ABL89183.1	119674937	8
Portunus trituberculatus	Crab	Unassigned	Food Animal	Portunus Por s and t tropomyosin	IgE but no biological test	284	ABS12234.1	151505281	9

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 70 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Procambarus clarkii	red swamp crayfish		Food Animal	Procambarus red crayfish arginine kinase	IgE but no biological test	357	AFA45339.1	375298901	13
Procambarus clarkii	red swamp crayfish	Unassigned	Food Animal	Procambarus tropomysin	IgE but no biological test	284	ACN87223.1	225348412	10
Prosopis juliflora	mesquite	Pro j 1.0101	Aero Plant	Prosopis juliflora Pro j 1.0101	IgE but no biological test	150	AKV72167.1	914410008	16
Prosopis juliflora	mesquite	Pro j 2.0101	Aero Plant	Prosopis Pro j 2	IgE but no biological test	133	AHY24177.1	625293889	15
Protortonia cacti	Arthropod	Unassigned	Food Animal	Protortonia	IgE but no biological test	335	BAH59276.1	237769615	11
Prunus armeniaca	Apricot	Pru ar 1.0101	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	AAB97141.1	2677826	7
Prunus armeniaca	Apricot	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	119	ADR66945.1	313575730	12
Prunus armeniaca	Apricot	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	ADR66946.1	313575732	12
Prunus armeniaca	Apricot	Pru ar 3.0101	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	ADR66947.1	313575734	12
Prunus armeniaca	Apricot	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	ADR66948.1	313575736	12
Prunus avium	Cherry	Pru av 1.0101	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	AAC02632.1	1513216	7
Prunus avium	Cherry	Pru av 1.0203	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	AAS47037.1	44409496	7
Prunus avium	Cherry	Pru av 1.0202	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	AAS47036.1	44409474	7
Prunus avium	Cherry	Pru av 1.0201	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	AAS47035.1	44409451	7
Prunus avium	Cherry	Unassigned	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	159	1H2O_A	159162378	9
Prunus avium	Cherry	Pru av 3.0101	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	AAF26449.1	6715520	7
Prunus avium	Cherry	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	ADR66943.1	313575726	12
Prunus avium	Cherry	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	ADR66944.1	313575728	12
Prunus avium	Cherry	Pru av 4.0101	Food Plant	Prunus Pru 4 Profilin peach cherry almond	IgE plus basophil+ or SPT+	131	AAD29411.1	4761582	7
Prunus avium	Cherry	Pru av 2.0101	Food Plant	Prunus Pru av 2	IgE but no biological test	245	AAB38064.1	1144346	7
Prunus domestica	Plum	Pru d 3.0101	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	91	P82534.1	9297015	7
Prunus dulcis	Almond	Unassigned	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	241	ACE80974.1	190613941	10
Prunus dulcis	Almond	Pru du 4.0101	Food Plant	Prunus Pru 4 Profilin peach cherry almond	IgE plus basophil+ or SPT+	131	AAL91662.1	24473794	7
Prunus dulcis	Almond	Unassigned	Food Plant	Prunus Pru du 6 Amandin	IgE but no biological test	531	3EHK_A	258588247	11

Prunus dulcis	Almond	Unassigned	Food Plant	Prunus Pru du 6 Amandin	IgE but no biological test	178	AGR27935.1	523916668	15
Prunus dulcis	Almond	Pru du 6.0101	Food Plant	Prunus Pru du 6 Amandin	IgE but no biological test	551	ADN39440.1	307159112	15
Prunus dulcis	Almond	Pru du 6.0201	Food Plant	Prunus Pru du 6 Amandin	IgE but no biological test	504	ADN39441.1	307159114	15
Prunus dulcis	Almond	Unassigned	Food Plant	Prunus Seed allergenic protein 2 (Conglutin gamma)	IgE but no biological test	25	P82952.1	75107131	8
Prunus dulcis x Prunus persica	Plant hybrid	Unassigned	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	160	ACE80939.1	190613871	10
Prunus dulcis x Prunus persica	Plant hybrid	Unassigned	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	246	ACE80956.1	190613905	10
Prunus dulcis x Prunus persica	Plant hybrid	Unassigned	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	246	ACE80958.1	190613909	10
Prunus dulcis x Prunus persica	Plant hybrid	Pru p 2.0201	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	246	ACE80957.1	190613907	10
Prunus dulcis x Prunus persica	Plant hybrid	Pru p 2.0101	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	246	ACE80959.1	190613911	10
Prunus dulcis x Prunus persica	Plant hybrid	Pru p 2.0301	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	242	ACE80955.1	190613903	10
Prunus dulcis x Prunus persica	Plant hybrid	Unassigned	Food Plant	Prunus Pru 4 Profilin peach cherry almond	IgE plus basophil+ or SPT+	131	ACE80972.1	190613937	10
Prunus persica	Peach	Unassigned	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	246	P83332.1	25091405	12
Prunus persica	Peach	Unassigned	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	242	P83335.1	25091406	12
Prunus persica	Peach	Unassigned	Food Plant	Prunus persica Pru p 2 IUIS	IgE plus basophil+ or SPT+	246	AEV57471.1	359744030	13
Prunus persica	Peach	Pru p 1.0101	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	ABB78006.1	82492265	7
Prunus persica	Peach	Pru p 1.0301	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	AJE61291.1	748758672	16
Prunus persica	Peach	Pru p 1.0201	Food Plant	Prunus PRP (Bet v 1 family)	IgE plus basophil+ or SPT+	160	AJE61290.1	748758670	16
Prunus persica	Peach	Pru p 3.0101	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	91	P81402.1	3287877	7
Prunus persica	Peach	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	AAV40850.1	54793477	7
Prunus persica	Peach	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	ADR66939.1	313575718	12
Prunus persica	Peach	Unassigned	Food Plant	Prunus Pru 3	IgE plus basophil+ or SPT+	117	AGW21344.1	544369592	15
Prunus persica	Peach	Pru p 4.0101	Food Plant	Prunus Pru 4 Profilin peach cherry almond	IgE plus basophil+ or SPT+	131	CAD37201.1	27528310	7
Prunus persica	Peach	Pru p 4.0201	Food Plant	Prunus Pru 4 Profilin peach cherry almond	IgE plus basophil+ or SPT+	131	CAD37202.1	27528312	7
Prunus persica	Peach	Pru p 7.0101	Food Plant	Prunus Pru p 7 Pru m 7 Peamaclein	IgE plus basophil+ or SPT+	63	P86888.1	408407790	14

<i>Pseudocardium sachalinensis</i>	Mollusc	Unassigned	Food Animal	<i>Pseudocardium tropomyosin</i>	IgE but no biological test	284	BAH10154.1	219806598	10
<i>Punica granatum</i>	Pomegranate	Unassigned	Unassigned	<i>Punica peptide Pommaclein</i>	IgE but no biological test	20	COHKC0.1	1179881437	18
<i>Punica granatum</i>	Pomegranate	Pun g 1.0101	Food Plant	<i>Punica Pun g 1</i>	IgE but no biological test	120	AHB19227.1	559797767	15
<i>Punica granatum</i>	Pomegranate	Pun g 1.0201	Food Plant	<i>Punica Pun g 1</i>	IgE but no biological test	120	AHB19226.1	559797765	15
<i>Punica granatum</i>	Pomegranate	Pun g 1.0301	Food Plant	<i>Punica Pun g 1</i>	IgE but no biological test	120	AHB19225.1	559797763	15
<i>Pyrus communis</i>	Pear	Pyr c 3.0101	Food Plant	<i>Pyrus LTP Pyr c 3 IUIS</i>	IgE but no biological test	115	AAF26451.1	6715524	11
<i>Pyrus communis</i>	Pear	Unassigned	Food Plant	<i>Pyrus LTP Pyr c 3 IUIS</i>	IgE but no biological test	94	AET05733.1	355525862	13
<i>Pyrus communis</i>	Pear	Unassigned	Food Plant	<i>Pyrus LTP Pyr c 3 IUIS</i>	IgE but no biological test	94	AET05732.1	355525860	13
<i>Pyrus communis</i>	Pear	Unassigned	Food Plant	<i>Pyrus LTP Pyr c 3 IUIS</i>	IgE but no biological test	94	AET05730.1	355525856	13
<i>Pyrus communis</i>	Pear	Pyr c 1.0101	Food Plant	<i>Pyrus Pyr c 1</i>	IgE plus basophil+ or SPT+	159	O65200.1	14423877	9
<i>Pyrus communis</i>	Pear	Pyr c 4.0101	Food Plant	<i>Pyrus Pyr c 4</i>	IgE plus basophil+ or SPT+	131	AAD29410.1	4761580	7
<i>Pyrus communis</i>	Pear	Pyr c 5.0101	Food Plant	<i>Pyrus Pyr c 5</i>	IgE plus basophil+ or SPT+	308	AAC24001.1	3243234	7
<i>Quercus alba</i>	Oak	Que a 1.0201	Aero Plant	<i>Quercus Que a 1</i>	IgE plus basophil+ or SPT+	159	ABZ81045.1	167472847	10
<i>Quercus alba</i>	Oak	Que a 1.0401	Aero Plant	<i>Quercus Que a 1</i>	IgE plus basophil+ or SPT+	160	ABZ81047.1	167472851	10
<i>Quercus alba</i>	Oak	Que a 1.0301	Aero Plant	<i>Quercus Que a 1</i>	IgE plus basophil+ or SPT+	160	ABZ81046.1	167472849	10
<i>Rana esculenta</i>	Frog	Ran e 1.0101	Food Animal	<i>Rana Ran e 1</i>	IgE but no biological test	110	CAC83046.1	20796729	7
<i>Rana esculenta</i>	Frog	Ran e 2.0101	Food Animal	<i>Rana Ran e 2</i>	IgE but no biological test	109	CAC95152.1	20797081	7
<i>Rana sp. CH-2001</i>	Frog	Unassigned	Food Animal	<i>Rana Ran e 1</i>	IgE but no biological test	110	CAC83047.1	20796733	7
<i>Rana sp. CH-2001</i>	Frog	Unassigned	Food Animal	<i>Rana Ran e 2</i>	IgE but no biological test	109	CAC95153.1	20797085	7
<i>Rattus norvegicus</i>	Rat		Aero Animal	<i>Rattus Rat n 1</i>	IgE but no biological test	181	P02761.1	127533	7
<i>Rattus norvegicus</i>	Rat		Aero Animal	<i>Rattus Rat n 1</i>	IgE but no biological test	181	Q63213	81890324	7
<i>Rattus norvegicus</i>	Rat	Rat n 1.0101	Aero Animal	<i>Rattus Rat n 1</i>	IgE but no biological test	177	AAA41198.1	204261	15
<i>Rhizopus oryzae</i>	Fungus	Unassigned	Aero Fungi	<i>Rhizopus Rhi o 1.0101</i>	IgE plus basophil+ or SPT+	401	AIS82657.1	695094784	16
<i>Rhodotorula mucilaginosa</i>	Fungus	Rho m 1.0101	Aero Fungi	<i>Rhodotorula Rho m 1</i>	IgE but no biological test	439	AAP30720.1	30314940	11



Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 73 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Rhodotorula mucilaginosa	Fungus	Rho m 2.0101	Aero Fungi	Rhodotorula Rho m 2	IgE but no biological test	342	AAT37679.1	54654335	7
Ricinus communis	Castor bean	Ric c 1.0101	Food Plant	Ricinus Ric c 1	IgE plus basophil+ or SPT+	258	CAA38097.1	21068	15
Rubus idaeus	raspberry	Rub i 1.0101	Food Plant	Rubus Rub i 1	IgE but no biological test	137	ABG54495.1	110180525	8
Rubus idaeus	raspberry	Rub i 3.0101	Food Plant	Rubus Rub i 3	IgE but no biological test	117	ABG54494.1	110180523	8
Salmo salar	Salmon		Food Animal	Salmo Sal s 1	IgE plus basophil+ or SPT+	108	Q91483.3	18281421	7
Salmo salar	Salmon	Unassigned	Food Animal	Salmo Sal s 1	IgE plus basophil+ or SPT+	109	ACI68103.1	209734468	10
Salmo salar	Salmon	Sal s 1.0101	Food Animal	Salmo Sal s 1	IgE plus basophil+ or SPT+	109	CAA66403.1	1322183	15
Salmo salar	Salmon	Unassigned	Food Animal	Salmo Sal s 2 enolase	IgE plus basophil+ or SPT+	432	CBL79146.1	385145180	13
Salmo salar	Salmon	Sal s 2.0101	Food Animal	Salmo Sal s 2 enolase	IgE plus basophil+ or SPT+	434	ACH70931.1	197632415	15
Salmo salar	Salmon	Sal s 3.0101	Food Animal	Salmo Sal s 3 aldolase	IgE plus basophil+ or SPT+	363	ACH70901.1	197632355	13
Salmo salar	Salmon	Unassigned	Food Animal	Salmo Sal s 3 aldolase	IgE plus basophil+ or SPT+	363	CBL79147.1	385145176	13
Salsola kali	Thistle	Unassigned	Aero Plant	Salsola kali Sal k 6.01	IgE plus basophil+ or SPT+	381	AHL24657.1	589912883	15
Salsola kali	Thistle	Sal k 6.0101	Aero Plant	Salsola kali Sal k 6.01	IgE plus basophil+ or SPT+	401	ARS33724.1	1194995727	18
Salsola kali	Thistle	Sal k 1.0201	Aero Plant	Salsola pectin methylesterase Sal k 1.01 & 1.02	IgE but no biological test	362	AAT99258.1	51242679	8
Salsola kali	Thistle	Sal k 1.0302	Aero Plant	Salsola pectin methylesterase Sal k 1.01 & 1.02	IgE but no biological test	339	AAX11261.1	59895728	8
Salsola kali	Thistle	Sal k 1.0301	Aero Plant	Salsola pectin methylesterase Sal k 1.01 & 1.02	IgE but no biological test	339	AAX11262.1	59895730	8
Salsola kali	Thistle	Unassigned	Aero Plant	Salsola pectin methylesterase Sal k 1.01 & 1.02	IgE but no biological test	339	ACO34813.1	225810597	10
Salsola kali	Thistle	Sal k 1.0101	Aero Plant	Salsola Sal k 1	IgE plus basophil+ or SPT+	42	P83181.1	25090947	10
Salsola kali	Thistle	Sal k 3.0101	Aero Plant	Salsola Sal k 3 pollen allergen	IgE plus basophil+ or SPT+	757	ACO34814.1	225810599	10
Salsola kali	Thistle	Sal k 4.0101	Aero Plant	Salsola Sal k 4 profilin	IgE plus basophil+ or SPT+	133	ACS34771.1	239916566	11
Salsola kali	Thistle	Unassigned	Aero Plant	Salsola Sal k 4 profilin	IgE plus basophil+ or SPT+	133	AHL24658.1	589912885	15
Salsola kali	Thistle	Sal k 4.0201	Aero Plant	Salsola Sal k 4 profilin	IgE plus basophil+ or SPT+	133	ADK22841.1	300490499	15
Salsola kali	Thistle	Sal k 6.0101	Aero Plant	Salsola Sal k 5	IgE but no biological test	151	ADK22842.1	300490501	15
Salvelinus fontinalis	Brook trout	Unassigned	Food Animal	Salvelinus parvalbumin	IgE but no biological test	109	CAX32966.1	288557438	11

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 74 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Salvelinus fontinalis	Brook trout	Unassigned	Food Animal	Salvelinus parvalbumin	IgE but no biological test	108	CAX32967.1	288557440	11
Sarcoptes scabiei	mite	Unassigned	Venom or Salivary	Sarcoptes scabiei paramyosin	IgE but no biological test	828	SHD75397.1	1109598142	18
Sarcoptes scabiei type hominis	Scabies mite	Unassigned	Venom or Salivary	Sarcoptes Apolipoprotein Ssag1.2	IgE but no biological test	330	AAO15613.1	27462848	7
Sarcoptes scabiei type hominis	Scabies mite	Unassigned	Venom or Salivary	Sarcoptes cysteine protease CO8	IgE but no biological test	340	AAS93669.1	46406002	7
Sarcoptes scabiei type hominis	Scabies mite	Unassigned	Venom or Salivary	Sarcoptes cysteine proteases FO4	IgE but no biological test	338	AAS93674.1	46406012	7
Sarcoptes scabiei type hominis	Scabies mite	Unassigned	Venom or Salivary	Sarcoptes cysteine proteases FO4	IgE but no biological test	339	AAS93675.1	46406014	7
Sarcoptes scabiei type hominis	Scabies mite	Unassigned	Venom or Salivary	Sarcoptes cysteine proteases FO4	IgE but no biological test	273	AAS93676.1	46406016	7
Sarcoptes scabiei type hominis	Scabies mite	Unassigned	Venom or Salivary	Sarcoptes Glutathione S-transferase Mu	IgE but no biological test	219	AAO15607.1	27462836	7
Sarcoptes scabiei type hominis	Scabies mite	Unassigned	Venom or Salivary	Sarcoptes Glutathione S-transferase Mu	IgE but no biological test	219	AAX37321.1	60920770	7
Sarcoptes scabiei type suis	Scabies mite	Unassigned	Aero Mite	Sarcoptes Apolipoprotein Ssag1.2	IgE but no biological test	310	AGM48615.1	507480520	15
Sardinops sagax	South American pilchard	Sar sa 1.0101	Food Animal	Sardinops Sar sa 1 parvalbumin	IgE but no biological test	109	CAQ68366.1	193247972	10
Scapharca broughtonii	Clam	Unassigned	Food Animal	Scapharca tropomyosin	IgE but no biological test	284	BAH10151.1	219806592	10
Schedonorus arundinaceus	Tall fescue	Unassigned	Aero Plant	Festuca group 1 allergen	IgE but no biological test	35	Q7M1Y1	75139991	7
Schedonorus arundinaceus	Tall fescue	Unassigned	Venom or Salivary	Festuca group 1 allergen	IgE but no biological test	17	C37396	320610	7
Schedonorus arundinaceus	Tall fescue	Unassigned	Aero Plant	Festuca group 1 allergen	IgE but no biological test	20	D37396	320611	7
Schistosoma japonicum	Schistosoma	Unassigned	Protozoan	Schistosoma profilin	IgE but no biological test	129	AAP06493.1	29841461	7
Schistosoma japonicum	Schistosoma	Unassigned	Protozoan	Schistosoma tegumental antigen	IgE but no biological test	191	AAC67308.1	2739154	7
Schizophyllum commune H4-8	Mushroom	Sch c 1.0101	Aero Fungi	Schizophyllum Sch c 1	IgE but no biological test	576	XP_003030591.1	302681819	15
Scomber japonicus	Chub mackerel	Unassigned	Food Animal	Scomber Parvalbumin	IgE but no biological test	109	BAC66618.1	29420793	7
Scomber scombrus	Atlantic mackerel	Unassigned	Food Animal	Scomber Parvalbumin	IgE but no biological test	109	CAX32965.1	288557436	11
Scylla paramamosain	green mud crab	Unassigned	Food Animal	Scylla arginine kinase	IgE but no biological test	357	AFA45340.1	375298903	13
Scylla paramamosain	green mud crab		Food Animal	Scylla paramamosain Sarc Ca Binding Ptn	IgE but no biological test	193	AFJ80778.1	387571563	18
Scylla serrata	giant mud crab	Unassigned	Food Animal	Scylla sp. (mud crab) tropomyosin	IgE but no biological test	284	ABS12233.1	151505279	9
Sebastes marinus	ocean perch (red fish)	Seb m 1.0101	Food Animal	Sebastes Seb m 1	IgE but no biological test	109	CAQ72968.1	242253959	11

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 75 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Sebastes marinus	ocean perch (red fish)	Seb m 1.0201	Food Animal	Sebastes Seb m 1	IgE but no biological test	110	CAQ72969.1	242253961	11
Secale cereale	Rye	Sec c 20.0101	Food Plant	Secale Sec c 20	IgE plus basophil+ or SPT+	23	AAB37403.1	1699225	15
Secale cereale	Rye	Sec c 20.0201	Food Plant	Secale Sec c 20	IgE plus basophil+ or SPT+	29	AAB37406.1	1699228	15
Secale cereale	Rye	Sec c 38.0101	Aero Plant	Secale Sec c 38.01	IgE plus basophil+ or SPT+	26		75198875	7
Secale cereale	Rye	Unassigned	Aero Plant	Secale Sec c 4	IgE but no biological test	520	CAH92630.1	55859456	7
Secale cereale	Rye	Unassigned	Aero Plant	Secale Sec c 4	IgE but no biological test	518	CAH92627.1	55859454	7
Secale cereale	Rye	Unassigned	Aero Plant	Secale Sec c 5	IgE but no biological test	16	Q7M263	75140047	7
Secale cereale	Rye	Sec c 5.0101	Food Plant	Secale Sec c 5	IgE but no biological test	292	CBG76811.1	332205751	12
Sepia esculenta	cuttlefish	Unassigned	Food Animal	Sepia tropomyosin	IgE but no biological test	284	BAE54429.1	83715928	7
Sepioteuthis lessoniana	ī½bigfin reef squid	Unassigned	Food Animal	Sepioteuthis tropomyosin	IgE but no biological test	284	BAE54430.1	83715930	7
Sesamum indicum	Sesame	Unassigned	Food Plant	Sesamum seed maturation-like protein	IgE but no biological test	345	ACB55491.1	171853012	16
Sesamum indicum	Sesame	Ses i 1.0101	Food Plant	Sesamum Ses i 1	IgE but no biological test	153	AAK15088.1	13183175	7
Sesamum indicum	Sesame	Unassigned	Food Plant	Sesamum Ses i 1	IgE but no biological test	153	ACI41244.1	209165427	10
Sesamum indicum	Sesame	Ses i 2.0101	Food Plant	Sesamum Ses i 2	IgE but no biological test	148	AAD42943.1	5381323	7
Sesamum indicum	Sesame	Ses i 3.0101	Food Plant	Sesamum Ses i 3	IgE but no biological test	585	AAK15089.1	13183177	7
Sesamum indicum	Sesame	Ses i 4.0101	Food Plant	Sesamum Ses i 4 oleosin	IgE but no biological test	166	AAG23840.1	10834827	13
Sesamum indicum	Sesame	Unassigned	Food Plant	Sesamum Ses i 5 oleosin	IgE but no biological test	145	ACH85188.1	198250343	10
Sesamum indicum	Sesame	Ses i 5.0101	Food Plant	Sesamum Ses i 5 oleosin	IgE but no biological test	145	AAD42942.1	5381321	15
Sesamum indicum	Sesame	Ses i 6.0101	Food Plant	Sesamum Ses i 6	IgE plus basophil+ or SPT+	459	AAD42944.1	5381325	15
Sesamum indicum	Sesame	Ses i 7.0101	Food Plant	Sesamum Ses i 7	IgE but no biological test	497	AAK15087.1	13183173	15
Sinapis alba	White mustard		Food Plant	Sinapis Sin a 1.01	IgE plus basophil+ or SPT+	145	CAA62909.1	1009434	7
Sinapis alba	White mustard		Food Plant	Sinapis Sin a 1.01	IgE plus basophil+ or SPT+	145	CAA62910.1	1009436	7
Sinapis alba	White mustard		Food Plant	Sinapis Sin a 1.01	IgE plus basophil+ or SPT+	145	CAA62911.1	1009438	7
Sinapis alba	White mustard		Food Plant	Sinapis Sin a 1.01	IgE plus basophil+ or SPT+	145	CAA62912.1	1009440	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 76 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Sinapis alba	White mustard		Food Plant	Sinapis Sin a 1.01	IgE plus basophil+ or SPT+	145	CAA62908.1	1009442	7
Sinapis alba	White mustard	Sin a 1.0101	Food Plant	Sinapis Sin a 1.01	IgE plus basophil+ or SPT+	145	P15322.2	51338758	7
Sinapis alba	White mustard	Sin a 2.0101	Food Plant	Sinapis Sin a 2.01 11S globulin	IgE plus basophil+ or SPT+	510	AAX77383.1	62240390	7
Sinapis alba	White mustard	Unassigned	Food Plant	Sinapis Sin a 2.01 11S globulin	IgE plus basophil+ or SPT+	523	AAX77384.1	62240392	7
Sinapis alba	White mustard	Sin a 3.0101	Food Plant	Sinapis Sin a 3.01 LTP	IgE but no biological test	92	ABU95411.1	156778059	12
Sinapis alba	White mustard	Sin a 4.0101	Food Plant	Sinapis Sin a 4.01 profilin	IgE but no biological test	131	ABU95412.1	156778061	12
Sinonovacula constricta	½Chinese razor clam	Unassigned	Food Animal	Sinonovacula tropomyosin [Song paper]	IgE but no biological test	284	ABU53681.1	156145810	15
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 6.0101	Food Plant	Solanum lycopersicum Sola l 6	IgE plus basophil+ or SPT+	96	NP_001306883.1	985801667	17
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 7.0101	Food Plant	Solanum lycopersicum Sola l 7	IgE plus basophil+ or SPT+	115	XP_004229753.1	460367790	16
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 1.0101	Food Plant	Solanum Sola l 1 profilin (Lyc e 1)	IgE plus basophil+ or SPT+	131	CAD10377.1	16555787	7
Solanum lycopersicum (Lycopersicon esculentum)	Tomato		Food Plant	Solanum Sola l 1 profilin (Lyc e 1)	IgE plus basophil+ or SPT+	131	AAL29690.1	17224229	7
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 2.0101	Food Plant	Solanum Sola l 2 Beta-fructofuranosidase (Lyc e 2)	IgE but no biological test	553	AAL75449.1	18542113	7
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 2.0201	Food Plant	Solanum Sola l 2 Beta-fructofuranosidase (Lyc e 2)	IgE but no biological test	636	AAL75450.1	18542115	7
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Unassigned	Food Plant	Solanum Sola l 3 LTP (Lyc e 3)	IgE plus basophil+ or SPT+	114	CAJ19705.1	71360928	7
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 3.0101	Food Plant	Solanum Sola l 3 LTP (Lyc e 3)	IgE plus basophil+ or SPT+	114	AAB42069.1	1816535	15
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 4.0101	Food Plant	Solanum Sola l 4 PR-10 (Lyc e 4)	IgE but no biological test	178	CAA75803.1	2887310	14
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Sola l 4.0201	Food Plant	Solanum Sola l 4 PR-10 (Lyc e 4)	IgE but no biological test	160	AHC08074.1	565380268	15
Solanum lycopersicum (Lycopersicon esculentum)	Tomato	Unassigned	Food Plant	Solanum Sola l 4 PR-10 (Lyc e 4)	IgE but no biological test	160	AHC08073.1	565380238	15
Solanum tuberosum	Potato	Unassigned	Food Plant	Solanum profilin-like	IgE but no biological test	131	ABA81885.1	77416979	7
Solanum tuberosum	Potato	Unassigned	Food Plant	Solanum profilin-like	IgE but no biological test	131	ABB16985.1	77999277	7
Solanum tuberosum	Potato	Unassigned	Food Plant	Solanum Sola t 1	IgE plus basophil+ or SPT+	386	CAA31575.1	21510	7
Solanum tuberosum	Potato	Unassigned	Food Plant	Solanum Sola t 1	IgE plus basophil+ or SPT+	386	CAA27571.1	21512	7
Solanum tuberosum	Potato	Unassigned	Food Plant	Solanum Sola t 1	IgE plus basophil+ or SPT+	386	CAA27588.1	21514	7
Solanum tuberosum	Potato	Unassigned	Food Plant	Solanum Sola t 1	IgE plus basophil+ or SPT+	386	AAA33819.1	169500	7

Solanum tuberosum	Potato		Food Plant	Solanum Sola t 1	IgE plus basophil+ or SPT+	386	P15476.2	158517845	9
Solanum tuberosum	Potato	Sola t 2.0101	Food Plant	Solanum Sola t 2	IgE plus basophil+ or SPT+	188	P16348.1	124148	7
Solanum tuberosum	Potato		Food Plant	Solanum Sola t 3	IgE plus basophil+ or SPT+	222	P20347.3	20141344	7
Solanum tuberosum	Potato	Sola t 3.0101	Food Plant	Solanum Sola t 3	IgE plus basophil+ or SPT+	186	AAB63099.1	1575306	15
Solanum tuberosum	Potato	Sola t 4.0101	Food Plant	Solanum Sola t 4	IgE plus basophil+ or SPT+	221	BAA04149.1	994779	15
Solen strictus	Gould's razor shell	Unassigned	Food Animal	Solen tropomyosin	IgE but no biological test	284	BAH10156.1	219806602	10
Solenopsis geminata	Tropical Fire Ant	Sol g 4.0101	Venom or Salivary	Solenopsis Sol g 4 Sol i 4	IgE but no biological test	137	AAF65312.1	7638028	7
Solenopsis geminata	Tropical Fire Ant		Venom or Salivary	Solenopsis Sol g 4 Sol i 4	IgE but no biological test	137	AAF65313.1	7638030	7
Solenopsis invicta	Red fire ant		Venom or Salivary	Solenopsis Sol g 4 Sol i 4	IgE but no biological test	137	AAC97370.1	4038411	7
Solenopsis invicta	Red fire ant	Sol i 4.0101	Venom or Salivary	Solenopsis Sol g 4 Sol i 4	IgE but no biological test	137	AAC97369.1	4038409	11
Solenopsis invicta	Red fire ant	Unassigned	Venom or Salivary	Solenopsis Sol i 1	IgE but no biological test	58	AAB36117.1	1336809	7
Solenopsis invicta	Red fire ant	Unassigned	Venom or Salivary	Solenopsis Sol i 1	IgE but no biological test	25	AAB36119.1	1336811	7
Solenopsis invicta	Red fire ant	Unassigned	Venom or Salivary	Solenopsis Sol i 1	IgE but no biological test	26	AAB36120.1	1336812	7
Solenopsis invicta	Red fire ant	Unassigned	Venom or Salivary	Solenopsis Sol i 1	IgE but no biological test	26	AAB36121.1	1336813	7
Solenopsis invicta	Red fire ant	Sol i 1.0101	Venom or Salivary	Solenopsis Sol i 1	IgE but no biological test	346	AAT95008.1	51093373	7
Solenopsis invicta	Red fire ant	Sol i 2.0101	Venom or Salivary	Solenopsis Sol i and Sol r Venom allergen II	IgE but no biological test	138	P35775.1	549179	7
Solenopsis invicta	Red fire ant	Sol i 3.0101	Venom or Salivary	Solenopsis Venom allergen III	IgE but no biological test	234	AAB65434.1	2293571	11
Solenopsis richteri	Black fire ant	Sol r 2.0101	Venom or Salivary	Solenopsis Sol i and Sol r Venom allergen II	IgE but no biological test	119	P35776.2	6136162	7
Solenopsis richteri	Black fire ant	Sol r 3.0101	Venom or Salivary	Solenopsis Venom allergen III	IgE but no biological test	211	P35779.2	6136163	7
Solenopsis saevissima	Brazilian fire ant	Unassigned	Venom or Salivary	Solenopsis Sol g 4 Sol i 4	IgE but no biological test	137	ADD74392.1	291092710	12
Sorghum halepense	Johnson grass	Sor h 2.0201	Aero Plant	Sorghum halepense group 2 allergen	IgE but no biological test	121	AIL01319.1	674275735	16
Sorghum halepense	Johnson grass	Sor h 2.0101	Aero Plant	Sorghum halepense group 2 allergen	IgE but no biological test	119	AIL01318.1	674275733	16
Sorghum halepense	Johnson grass	Sor h 1.0101	Aero Plant	Sorghum Sor h 1	IgE but no biological test	266	AIL01316.1	674275729	15
Sorghum halepense	Johnson grass	Sor h 1.0201	Aero Plant	Sorghum Sor h 1	IgE but no biological test	266	AIL01317.1	674275731	15

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 78 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Sorghum halepense	Johnson grass	Sor h 13.0101	Aero Plant	Sorghum Sor h 13	IgE but no biological test	422	AIL01320.1	674275737	15
Sorghum halepense	Johnson grass	Sor h 13.0201	Aero Plant	Sorghum Sor h 13	IgE but no biological test	410	AIL01321.1	674275739	15
Stachybotrys chartarum	Fungus	Sta 3.0101	Aero Fungi	Stachybotrys Sta c 3	IgE but no biological test	144	ACT37324.1	253970748	14
Staphylococcus aureus	Bacteria	Unassigned	Bacteria skin	Staphylococcus enterotoxin SEA	IgE plus basophil+ or SPT+	233	1ESF_B	1633233	9
Staphylococcus aureus	Bacteria	Unassigned	Bacteria skin	Staphylococcus enterotoxin SEB	IgE plus basophil+ or SPT+	254	CAJ43561.1	83308249	9
Staphylococcus aureus	Bacteria	Unassigned	Bacteria skin	Staphylococcus enterotoxin SEC	IgE but no biological test	266	P34071.1	462026	9
Staphylococcus aureus	Bacteria	Unassigned	Bacteria skin	Staphylococcus enterotoxin SED	IgE but no biological test	258	P20723.1	119654	9
Staphylococcus aureus	Bacteria	Unassigned	Bacteria skin	Staphylococcus enterotoxin TSST 1	IgE plus basophil+ or SPT+	234	P06886.1	136457	9
Stemphylium callistephi	Fungus	Unassigned	Aero Fungi	Stemphylium major allergen alt a1-like	IgE but no biological test	137	AAT66567.1	49476467	7
Stemphylium sp. CID1012	Fungus	Unassigned	Aero Fungi	Stemphylium major allergen alt a1-like	IgE but no biological test	137	ABS29033.1	152060760	9
Stemphylium vesicarium	Fungus	Unassigned	Aero Fungi	Stemphylium major allergen alt a1-like	IgE but no biological test	137	AAT66566.1	49476465	7
Strongyloides stercoralis	Parasitic nematode	Unassigned	Worm (parasite)	Strongyloides L3NieAg.01	IgE plus basophil+ or SPT+	229	AAD46493.1	5669875	7
Suidasia medanensis	Mite	Unassigned	Aero Mite	Suidasia putative Sui m 2	IgE but no biological test	141	AAS75831.1	45738062	7
Sus scrofa	Pig	Unassigned	Aero Animal	Sus Porcine Pepsin	IgE but no biological test	385	P00791.3	118572685	11
Sus scrofa	Pig	Sus s 1.0101	Aero Animal	Sus s serum albumin	IgE but no biological test	605	AAA30988.1	164318	17
Sus scrofa	Pig	Unassigned	Aero Animal	Sus s serum albumin	IgE but no biological test	607	NP_001005208.1	52353352	17
Syringa vulgaris	Lilac	Syr v 3.0101	Aero Plant	Syringa Syr v 3	IgE but no biological test	81	P58171.1	14423847	7
Syringa vulgaris	Lilac	Syr v 1.0101	Aero Plant	Syringa Syr v I	IgE but no biological test	145	S43242	631911	7
Syringa vulgaris	Lilac	Syr v 1.0102	Aero Plant	Syringa Syr v I	IgE but no biological test	145	S43243	631912	7
Syringa vulgaris	Lilac	Syr v 1.0103	Aero Plant	Syringa Syr v I	IgE but no biological test	145	S43244	631913	7
Tabanus yao	Horse Fly	Tab y 1.0101	Venom or Salivary	Tabanus Tab y 1 Apyrase	IgE plus basophil+ or SPT+	554	ADX78255.1	323473390	12
Tabanus yao	Horse Fly	Tab y 2.0101	Venom or Salivary	Tabanus Tab y 2 Hyaluronidase	IgE but no biological test	349	ADM18346.1	304273371	12
Tabanus yao	Horse Fly	Tab y 5.0101	Venom or Salivary	Tabanus Tab y 5	IgE but no biological test	256	ADM18345.1	304273369	12
Thaumetopoea pityocampa	Pine moth	Tha p 1.0101	Contact	Thaumetopoea Tha p 1 full length	IgE but no biological test	126	ADK47876.1	301030229	12

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 79 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Thaumetopoea pityocampa	Pine moth	Tha p 2.0101	Contact	Thaumetopoea Tha p 2	IgE but no biological test	115	P86360.1	408387552	14
Thaumetopoea pityocampa	Pine moth	Unassigned	Contact	Thaumetopoea Tha p 2	IgE but no biological test	104	CEE03319.1	1056731906	18
Thaumetopoea solitaria		Unassigned	Contact	Thaumetopoea Tha p 2	IgE but no biological test	100	CEE03318.1	1056731899	18
Theragra chalcogramma	Alaska pollock	Unassigned	Food Animal	Theragra parvalbumin	IgE plus basophil+ or SPT+	109	AAK63089.1	14531020	7
Theragra chalcogramma	Alaska pollock	Unassigned	Food Animal	Theragra parvalbumin	IgE plus basophil+ or SPT+	109	AAK63088.1	14531018	7
Thunnus albacares	Yellowfin tuna	Unassigned	Food Animal	Thunnus Thu a 2 enolase	IgE plus basophil+ or SPT+	12	P86978.1	576011132	15
Thunnus albacares	Yellowfin tuna	Thu a 2.0101	Food Animal	Thunnus Thu a 2 enolase	IgE plus basophil+ or SPT+	432	I0J1J1.1	576011129	15
Thunnus albacares	Yellowfin tuna	Unassigned	Food Animal	Thunnus Thu a 3 aldolase	IgE plus basophil+ or SPT+	364	CAX62602.1	291195949	12
Thunnus albacares	Yellowfin tuna	Thu a 3.0101	Food Animal	Thunnus Thu a 3 aldolase	IgE plus basophil+ or SPT+	37	P86979.1	576011088	15
Todarodes pacificus	Japanese flying squid	Unassigned	Food Animal	Todarodes Tod p 1	IgE but no biological test	284	BAE54431.1	83715932	7
Trachurus japonicus	Japanese horse mackerel	Unassigned	Food Animal	Trachurus parvalbumin	IgE but no biological test	107	BAE46763.1	77799800	7
Tresus keenae	clam	Unassigned	Food Animal	Tresus tropomyosin	IgE but no biological test	284	BAH10155.1	219806600	10
Triatoma protracta	Western conenose	Tria p 1.0101	Venom or Salivary	Triatoma Tria p 1	IgE but no biological test	169	AAF07903.2	15426413	7
Trichophyton rubrum	Fungus	Tri r 2.0101	Contact	Trichophyton (Arthroderma) Tri r 2	IgE plus basophil+ or SPT+	412	AAD52013.1	5813790	7
Trichophyton rubrum	Fungus	Tri r 4.0101	Contact	Trichophyton tri 4 allergen (Arthroderma)	IgE plus basophil+ or SPT+	726	AAD52012.1	5813788	7
Trichophyton schoenleinii	Fungus	Unassigned	Contact	Trichophyton (Arthroderma) Tri r 2	IgE plus basophil+ or SPT+	405	Q8J077.1	74663809	12
Trichophyton schoenleinii	Fungus	Unassigned	Contact	Trichophyton tri 4 allergen (Arthroderma)	IgE plus basophil+ or SPT+	726	CAD23374.1	23894227	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 14 LTP_ amylase inhibitor	IgE plus basophil+ or SPT+	113	P24296.2	417370	11
Triticum aestivum	Wheat	Tri a 40.0101	Aero Plant	Triticum aestivum Tri a 40	IgE but no biological test	143	CAA42453.1	21711	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum aestivum Tri a 40	IgE but no biological test	143	ACG59281.1	195957140	10
Triticum aestivum	Wheat	Tri a 41.0101	Aero Plant	Triticum aestivum Tri a 41	IgE but no biological test	60	AKJ77988.1	827354845	16
Triticum aestivum	Wheat	Tri a 42.0101	Aero Plant	Triticum aestivum Tri a 42	IgE but no biological test	76	AKJ77986.1	827354790	16
Triticum aestivum	Wheat	Tri a 43.0101	Aero Plant	Triticum aestivum Tri a 43	IgE but no biological test	108	AKJ77987.1	827354822	16
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum aestivum Tri a 44	IgE but no biological test	94	CAI64398.1	66840998	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 80 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Triticum aestivum	Wheat	Tri a 44.0101	Aero Plant	Triticum aestivum Tri a 44	IgE but no biological test	107	AKJ77990.1	827354912	16
Triticum aestivum	Wheat	Tri a 45.0101	Aero Plant	Triticum aestivum Tri a 45	IgE but no biological test	89	AKJ77985.1	827354784	16
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	307	CAA35238.1	21673	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	286	CAA25593.1	21755	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	296	CAA26383.1	21757	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	286	CAA26384.1	21761	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	313	CAA26385.1	21765	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	318	AAA34275.1	170710	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	291	AAA34276.1	170712	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	313	AAA34279.1	170718	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	286	AAA34280.1	170720	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	262	AAA34281.1	170722	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	297	AAA34282.1	170724	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	282	AAA34283.1	170726	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	186	AAA34284.1	170728	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	259	BAA12318.1	1304264	7
Triticum aestivum	Wheat	Unassigned	Aero Plant	Triticum Bakers asthma allergen #4	IgE but no biological test	27	P81496.1	3913017	7
Triticum aestivum	Wheat	Unassigned	Aero Plant	Triticum flour Glutathione Transferase	IgE plus basophil+ or SPT+	222	ACE82289.1	190684057	11
Triticum aestivum	Wheat	Tri a 19.0101	Food Plant	Triticum omega-5 gliadin Tri a 19	IgE plus basophil+ or SPT+	439	BAE20328.1	73912496	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum omega-5 gliadin Tri a 19	IgE plus basophil+ or SPT+	359	CAR82265.1	208605344	10
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum omega-5 gliadin Tri a 19	IgE plus basophil+ or SPT+	272	CAR82266.1	208605346	10
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum omega-5 gliadin Tri a 19	IgE plus basophil+ or SPT+	346	CAR82267.1	208605348	10
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum omega-5 gliadin Tri a 19	IgE plus basophil+ or SPT+	366	BAN29067.1	508732623	15
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum putative leucine-rich repeat protein	IgE but no biological test	137	CAI64397.1	66840996	7



Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 81 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum serine carboxypeptidase II	IgE but no biological test	260	CAI64396.1	66840994	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum serine carboxypeptidase II	IgE but no biological test	444	P08819.2	125987805	10
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Thaumatin-like	IgE but no biological test	173	P27357.1	135917	12
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 12	IgE but no biological test	131	ACE82291.1	190684061	11
Triticum aestivum	Wheat	Tri a 12.0103	Food Plant	Triticum Tri a 12	IgE but no biological test	131	CAA61945.2	548948852	14
Triticum aestivum	Wheat	Tri a 12.0101	Food Plant	Triticum Tri a 12	IgE but no biological test	131	CAA61943.2	548948848	15
Triticum aestivum	Wheat	Tri a 12.0102	Food Plant	Triticum Tri a 12	IgE but no biological test	131	CAA61944.2	548948850	15
Triticum aestivum	Wheat	Tri a 12.0104	Food Plant	Triticum Tri a 12	IgE but no biological test	131	CAQ57979.1	207366248	15
Triticum aestivum	Wheat	Tri a 15.0101	Aero Plant	Triticum Tri a 15	IgE but no biological test	121	CBA13560.1	283465829	11
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 20	IgE plus basophil+ or SPT+	302	AAA34272.1	170702	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 20	IgE plus basophil+ or SPT+	291	AAA34274.1	170708	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 20	IgE plus basophil+ or SPT+	251	AAA34288.1	170736	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 20	IgE plus basophil+ or SPT+	327	AAA34289.1	170738	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 20	IgE plus basophil+ or SPT+	279	BAA11251.1	1063270	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 20	IgE plus basophil+ or SPT+	285	CAI78902.1	62484809	7
Triticum aestivum	Wheat	Tri a 20.0101	Food Plant	Triticum Tri a 20	IgE plus basophil+ or SPT+	279	BAN29066.1	508732621	15
Triticum aestivum	Wheat	Tri a 21.0101	Food Plant	Triticum Tri a 21 alpha, beta-gliadin	IgE but no biological test	281	CAY54134.1	283476402	11
Triticum aestivum	Wheat	Tri a 25.0101	Aero Plant	Triticum Tri a 25	IgE but no biological test	125	CAB96931.1	8980491	15
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	830	CAA43331.1	21743	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	648	CAA31396.1	21751	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	660	CAA26847.1	21779	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	39	CAA24934.1	21793	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	705	CAA43361.1	22090	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	815	AAB02788.1	170743	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 82 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	838	CAA27052.1	736319	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	101	CAA24933.1	897811	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 26	IgE plus basophil+ or SPT+	794	BAN29068.1	508732625	15
Triticum aestivum	Wheat	Tri a 26.0101	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	848	CAA31395.4	288860106	15
Triticum aestivum	Wheat	Tri a 26.0201	Food Plant	Triticum Tri a 26	IgE plus basophil+ or SPT+	795	AAZ23584.1	71084277	15
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 27.0101 Thiol reductase	IgE but no biological test	203	BAC76688.1	30793446	7
Triticum aestivum	Wheat	Tri a 28.0101	Food Plant	Triticum Tri a 28	IgE but no biological test	119	CAI84642.1	66841026	7
Triticum aestivum	Wheat	Unassigned	Aero Plant	Triticum Tri a 29	IgE plus basophil+ or SPT+	145	CAA35598.1	21701	7
Triticum aestivum	Wheat	Tri a 29.0101	Aero Plant	Triticum Tri a 29	IgE plus basophil+ or SPT+	120	CAZ76052.1	253783731	11
Triticum aestivum	Wheat	Tri a 29.0201	Aero Plant	Triticum Tri a 29	IgE plus basophil+ or SPT+	120	CBA13559.1	283465827	11
Triticum aestivum	Wheat	Tri a 30.0101	Aero Plant	Triticum Tri a 30	IgE plus basophil+ or SPT+	168	CAA35597.1	21713	7
Triticum aestivum	Wheat	Tri a 31.0101	Aero Plant	Triticum Tri a 31	IgE but no biological test	253	CAC14917.1	11124572	7
Triticum aestivum	Wheat	Unassigned	Aero Plant	Triticum Tri a 32 Peroxiredoxin	IgE plus basophil+ or SPT+	218	ACE82290.1	190684059	11
Triticum aestivum	Wheat	Tri a 32.0101	Aero Plant	Triticum Tri a 32 Peroxiredoxin	IgE plus basophil+ or SPT+	218	Q6W8Q2.1	75324900	14
Triticum aestivum	Wheat	Unassigned	Aero Plant	Triticum Tri a 33 Serine protease inhibitor	IgE but no biological test	399	CAA72273.1	1885350	7
Triticum aestivum	Wheat	Tri a 33.0101	Aero Plant	Triticum Tri a 33 Serine protease inhibitor	IgE but no biological test	398	CAB52710.1	5734506	15
Triticum aestivum	Wheat	Tri a 34.0101	Aero Plant	Triticum Tri a 34 GAPDH	IgE but no biological test	337	CAZ76054.1	253783729	11
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	307	CAA31685.1	21773	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	356	CAA30570.1	21783	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 36	IgE but no biological test	304	AAA34285.1	170730	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 36	IgE but no biological test	323	AAA34286.1	170732	7
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 36	IgE but no biological test	244	AAA34287.1	170734	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	373	O22116	75317968	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	229	CAA59338.1	886963	7

Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	261	CAA59339.1	886965	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	276	CAA59340.1	886967	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	285	O22108	75219081	7
Triticum aestivum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	326	CAI79052.1	62550933	7
Triticum aestivum	Wheat	Tri a 36.0101	Food Plant	Triticum Tri a 36	IgE but no biological test	369	AEH31546.1	335331566	12
Triticum aestivum	Wheat	Unassigned	Gliadin	Triticum Tri a 36	IgE but no biological test	283	BAN29069.1	508732627	15
Triticum aestivum	Wheat	Tri a 37.0101	Food Plant	Triticum Tri a 37 alpha purothionin	IgE but no biological test	137	CAA65313.1	4007850	14
Triticum aestivum	Wheat	Unassigned	Aero Plant	Triticum Tri a 39 serine proteinase inhibitor-lik	IgE but no biological test	84	ABS58503.1	154101366	10
Triticum aestivum	Wheat	Unassigned	Aero Plant	Triticum Tri a 39 serine proteinase inhibitor-lik	IgE but no biological test	84	P82977.2	122065237	11
Triticum aestivum	Wheat	Tri a 39.0101	Aero Plant	Triticum Tri a 39 serine proteinase inhibitor-lik	IgE but no biological test	84	CCK33471.1	403213259	14
Triticum monococcum subsp. aegilopoides		Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	293	APY24042.1	1137166044	18
Triticum turgidum subsp. durum	Wheat	Unassigned	Food Plant	Triticum aestivum Tri a 40	IgE but no biological test	143	CAA34709.1	21916	7
Triticum turgidum subsp. durum	Wheat	Unassigned	Aero Plant	Triticum Tri a 29	IgE plus basophil+ or SPT+	145	CAA39099.1	21920	7
Triticum turgidum subsp. durum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	295	CAA36063.1	21926	7
Triticum turgidum subsp. durum	Wheat	Unassigned	Food Plant	Triticum Tri a 36	IgE but no biological test	285	CAA44473.1	21930	7
Triticum urartu	Wheat	Unassigned	Gliadin	Triticum alpha/beta gliadin	IgE plus basophil+ or SPT+	296	AAA34290.1	170740	7
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Blo-t-5-like loose group	IgE but no biological test	135	AAX34057.1	60679590	9
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Blo-t-5-like loose group	IgE but no biological test	128	AAX34058.1	60679592	9
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Blo-t-5-like loose group	IgE but no biological test	138	AAX34059.1	60679594	9
Tyrophagus putrescentiae	Dust mite	Tyr p 28.0101	Aero Mite	Tyrophagus putrescentiae Tyr p 28	IgE but no biological test	659	AOD75395.1	1055365842	17
Tyrophagus putrescentiae	Dust mite	Tyr p 35.0101	Aero Mite	Tyrophagus putrescentiae Tyr p 35	IgE but no biological test	486	AOD75396.1	1055365860	17
Tyrophagus putrescentiae	Dust mite	Tyr p 36.0101	Aero Mite	Tyrophagus putrescentiae Tyr p 36	IgE but no biological test	131	AOD75399.1	1055365943	17
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Tyr p 10 tropomyosin	IgE but no biological test	284	ABQ96644.1	148615631	9
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Tyr p 10 tropomyosin	IgE but no biological test	201	ABU97479.1	156938915	9

Tyrophagus putrescentiae	Dust mite	Tyr p 10.0101	Aero Mite	Tyrophagus Tyr p 10 tropomyosin	IgE but no biological test	284	AAT40866.1	48249227	9
Tyrophagus putrescentiae	Dust mite	Tyr p 13.0101	Aero Mite	Tyrophagus Tyr p 13	IgE but no biological test	131	AAU11502.1	51860756	7
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Tyr p 13	IgE but no biological test	130	ABM53751.1	121296500	9
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Tyr p 13	IgE but no biological test	131	ABU97480.1	156938917	9
Tyrophagus putrescentiae	Dust mite	Tyr p 2.0101	Aero Mite	Tyrophagus Tyr p 2	IgE but no biological test	141	CAA73221.1	2182106	7
Tyrophagus putrescentiae	Dust mite	Tyr p 34.0101	Aero Mite	Tyrophagus Tyr p 24 Troponin C	IgE but no biological test	153	ACL36923.1	219815476	11
Tyrophagus putrescentiae	Dust mite	Tyr p 3.0101	Aero Mite	Tyrophagus Tyr p 3	IgE plus basophil+ or SPT+	285	ABZ81991.1	167540622	11
Tyrophagus putrescentiae	Dust mite	Unassigned	Aero Mite	Tyrophagus Tyr p 8	IgE plus basophil+ or SPT+	218	AGG10560.1	452215228	14
Ulocladium alternariae	Fungus	Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	138	AAT66607.1	49476547	7
Ulocladium atrum	Fungus	Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	AAT66609.1	49476551	7
Ulocladium capsicum		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	134	ACH42744.1	197110100	10
Ulocladium chartarum	Fungus	Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	AAT66610.1	49476553	7
Ulocladium dauci		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	ACJ65836.1	215399749	11
Ulocladium microsporum		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	138	AGC36415.1	441467668	18
Ulocladium oudemansii		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	ACH42743.1	197110098	10
Ulocladium oudemansii		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	138	ACI44002.1	209363467	10
Ulocladium sp. CID262		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	ABQ59259.1	148357923	9
Ulocladium sp. CID598		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	ABQ59258.1	148357921	9
Ulocladium sp. CID68		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	ABQ59255.1	148357915	9
Ulocladium sp. HSAUP1144		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	138	ACJ54737.1	213958825	11
Ulocladium sp. XGZ-2008		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	ACH42741.1	197110094	10
Ulocladium sp. XGZ-2011a		Unassigned	Aero Fungi	Ulocladium alt a1-like	IgE but no biological test	137	AGC36416.1	441467671	18
Vachellia farnesiana		Unassigned	Aero Plant	Acacia (Vachellia) Aca f 1	IgE but no biological test	150	AKV72166.1	914410006	17
Vachellia farnesiana		Unassigned	Aero Plant	Acacia (Vachellia) profilin Aca f 2	IgE but no biological test	133	AIV43662.1	701225196	17

Venerupis philippinarum	Clam	Unassigned	Food Animal	Venerupis tropomyosin	IgE but no biological test	284	BAH10157.1	219806573	10
Vespa affinis	Lesser banded hornet	Unassigned	Venom or Salivary	Vespa affinis Phospholipase A1	IgE plus basophil+ or SPT+	334	P0DMB5.1	576011175	15
Vespa affinis	Lesser banded hornet	Unassigned	Venom or Salivary	Vespa affinis Phospholipase A1	IgE plus basophil+ or SPT+	334	P0DMB4.1	576011171	15
Vespa crabro	European hornet	Vesp c 1.0101	Venom or Salivary	Vespa Vesp c 1 phospholipase	IgE but no biological test	301	P0CH87.1	313471397	12
Vespa crabro	European hornet	Vesp c 5.0101	Venom or Salivary	Vespa Vesp c 5 and Vesp m 5	IgE but no biological test	202	P35781.1	549184	7
Vespa crabro	European hornet	Vesp c 5.0102	Venom or Salivary	Vespa Vesp c 5 and Vesp m 5	IgE but no biological test	202	P35782.1	549185	7
Vespa magnifica	Hornet	Unassigned	Venom or Salivary	Vespa magnifica Vesp ma 2 hyaluronidase	IgE plus basophil+ or SPT+	357	CBY83816.1	315133295	12
Vespa magnifica	Hornet	Unassigned	Venom or Salivary	Vespa magnifica Vesp ma 5	IgE plus basophil+ or SPT+	225	CBY93636.1	319801357	12
Vespa mandarinia	Wasp	Vesp m 5.0101	Venom or Salivary	Vespa Vesp c 5 and Vesp m 5	IgE but no biological test	202	P81657.1	6136165	7
Vespula flavopilosa	Wasp	Ves f 5.0101	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	204	P35783.1	549189	7
Vespula germanica	Wasp	Ves g 5.0101	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	204	P35784.1	549190	7
Vespula germanica	Wasp	Unassigned	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	204	CAJ28930.1	74035841	7
Vespula germanica	Wasp	Unassigned	Venom or Salivary	Vespula Phospholipase A1- Ves m/v 1	IgE plus basophil+ or SPT+	300	CAJ28931.1	74035843	7
Vespula germanica	Wasp	Unassigned	Venom or Salivary	Vespula Ves v 2	IgE plus basophil+ or SPT+	331	CAL59818.1	116174180	8
Vespula germanica	Wasp	Unassigned	Venom or Salivary	Vespula Ves v 2	IgE plus basophil+ or SPT+	323	CAL59819.1	116174182	8
Vespula maculifrons	Wasp	Ves m 5.0101	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	204	P35760.1	549191	7
Vespula maculifrons	Wasp	Unassigned	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	227	ABC73068.1	85681830	7
Vespula maculifrons	Wasp	Vesp m 1.0101	Venom or Salivary	Vespula Phospholipase A1- Ves m/v 1	IgE plus basophil+ or SPT+	300	P51528.1	1709545	8
Vespula maculifrons	Wasp	Ves m 2.0101	Venom or Salivary	Vespula Ves m 2 Hyaluronidase	IgE but no biological test	31	P0CH89.1	313118253	12
Vespula pensylvanica	Wasp	Ves p 5.0101	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	204	P35785.1	549192	7
Vespula squamosa	Wasp	Ves s 5.0101	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	205	P35786.1	549193	7
Vespula squamosa	Wasp	Ves s 1.0101	Venom or Salivary	Vespula Ves s 1 phospholipase	IgE but no biological test	298	P0CH86.1	313471398	12
Vespula vidua	Wasp	Ves vi 5.0101	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	206	P35787.1	549194	7
Vespula vulgaris	Wasp	Ves v 5.0101	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	227	AAA30333.1	162551	7

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 86 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Vespula vulgaris	Wasp	Ves v 5	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	204	CAB42887.1	4826574	7
Vespula vulgaris	Wasp	Ves v 5	Venom or Salivary	Vespula antigen 5 Ves f, v, s 5	IgE plus basophil+ or SPT+	209	1QNX_A	11514279	7
Vespula vulgaris	Wasp	Vesp v 1.0101	Venom or Salivary	Vespula Phospholipase A1- Ves m/v 1	IgE plus basophil+ or SPT+	336	AAB48072.1	897647	7
Vespula vulgaris	Wasp		Venom or Salivary	Vespula Ves v 2	IgE plus basophil+ or SPT+	331	P49370.1	1346323	7
Vespula vulgaris	Wasp	Ves v 2.0101	Venom or Salivary	Vespula Ves v 2	IgE plus basophil+ or SPT+	340	CAI77218.1	62147665	7
Vespula vulgaris	Wasp	Unassigned	Venom or Salivary	Vespula Ves v 2	IgE plus basophil+ or SPT+	331	2ATM_A	109157163	8
Vespula vulgaris	Wasp	Ves v 3.0101	Venom or Salivary	Vespula Ves v 3 dipeptidylpeptidase IV	IgE plus basophil+ or SPT+	776	ACA00159.1	167782086	9
Vigna radiata	mung bean	Vig r 1.0101	Food Plant	Vigna Vig r 1 PR 10	IgE but no biological test	155	AAX19889.1	60418924	7
Vigna radiata	mung bean	Vig r 2.0101	Food Plant	Vigna Vig r 2	IgE but no biological test	453	ABG02262.1	108743976	15
Vigna radiata	mung bean	Vig r 2.0201	Food Plant	Vigna Vig r 2	IgE but no biological test	454	ABW23574.1	158251953	15
Vigna radiata	mung bean	Vig r 6.0101	Food Plant	Vigna Vig r 6 Cytokinin-specific binding protein	IgE but no biological test	155	BAA74451.1	4190976	14
Vigna radiata var. radiata	mung bean	Vig r 4.0101	Food Plant	Vigna Vig r 4	IgE but no biological test	272	CAA50008.1	1000708	15
Vitis sp.	Grape	Unassigned	Food Plant	Vitis Lipid transfer protein P3	IgE but no biological test	91	P80273.2	145559502	8
Vitis sp.	Grape		Food Plant	Vitis Vit v 1 LTP	IgE but no biological test	37	P80274.1	462719	7
Vitis sp.	Grape	Unassigned	Food Plant	Vitis Vit v 1 LTP	IgE but no biological test	38	P33556.1	462717	7
Xiphias gladius	Swordfish	Xip g 1.0101	Food Animal	Xiphias Xip g 1 beta-parvalbumin	IgE but no biological test	109	CAR48256.1	222352960	10
Zea mays	Corn	Unassigned	Aero Plant	Zea group 13 pollen allergen	IgE but no biological test	410	ABD79096.1	89892725	7
Zea mays	Corn	Unassigned	Aero Plant	Zea group 13 pollen allergen	IgE but no biological test	404	ABD79097.1	89892727	7
Zea mays	Corn	Unassigned	Aero Plant	Zea group 13 pollen allergen	IgE but no biological test	411	ABD79098.1	89892729	7
Zea mays	Corn	Zea m 8.0101	Food Plant	Zea mays Zea m 8	IgE but no biological test	278	ACX37090.1	260401081	17
Zea mays	Corn	Unassigned	Food Plant	Zea mays Zea m 8	IgE but no biological test	280	P29022.1	116329	17
Zea mays	Corn	Unassigned	Aero Plant	Zea pollen specific protein	IgE but no biological test	170	2209273A	1588669	7
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 beta-expansin	IgE but no biological test	269	AAO45608.1	28630923	7
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 beta-expansin	IgE but no biological test	269	AAK56124.1	14193761	8

Total sequences 2089  
 Total Taxa, Protein Groups 831  
 Species 369

**AllergenOnline versoin 18B**  
 10 May 2018  
 Page 87 of 88

Accession # from NCBI or UniProt  
 Four manual entries

Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 beta-expansin	IgE but no biological test	245	2HCZ_X	114794319	8
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 beta-expansin	IgE but no biological test	191	AAA33496.1	293902	11
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 isoform	IgE but no biological test	263	ABD79094.1	89892721	7
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 isoform	IgE but no biological test	252	ABD79095.1	89892723	7
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 isoform	IgE but no biological test	99	ABF81661.1	105969543	8
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 isoform	IgE but no biological test	269	ABF81662.1	105969545	8
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 isoform	IgE but no biological test	270	Q1ZYQ8.2	115502167	9
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 1 isoform	IgE but no biological test	269	POC1Y5.1	115502168	9
Zea mays	Corn	Zea m 12.0104	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	131	AAB86960.1	2642324	7
Zea mays	Corn	Unassigned	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	131	ABG81312.1	110644952	8
Zea mays	Corn	Unassigned	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	131	ABG81313.1	110644954	8
Zea mays	Corn	Unassigned	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	131	ABG81314.1	110644956	8
Zea mays	Corn	Unassigned	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	131	ABG81315.1	110644958	8
Zea mays	Corn	Unassigned	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	131	ABG81316.1	110644960	8
Zea mays	Corn	Unassigned	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	131	ABG81317.1	110644962	8
Zea mays	Corn	Unassigned	Food Plant	Zea Zea m 12 profilin	IgE but no biological test	130	ABG81318.1	110644964	8
Zea mays	Corn	Zea m 12.0101	Aero Plant	Zea Zea m 12 profilin	IgE but no biological test	131	CAA51718.1	313138	15
Zea mays	Corn	Zea m 12.0102	Aero Plant	Zea Zea m 12 profilin	IgE but no biological test	137	CAA51719.1	313140	15
Zea mays	Corn	Zea m 12.0103	Aero Plant	Zea Zea m 12 profilin	IgE but no biological test	131	CAA51720.1	313142	15
Zea mays	Corn	Zea m 12.0105	Aero Plant	Zea Zea m 12 profilin	IgE but no biological test	131	AAG35601.1	11493677	15
Zea mays	Corn	Unassigned	Aero Plant	Zea Zea m 12 profilin	IgE but no biological test	132	5FEF_A	1064245368	18
Zea mays	Corn	Zea m 14.0101	Food Plant	Zea Zea m 14	IgE but no biological test	120	AAA33493.1	168576	15
Zea mays	Corn	Zea m 14.0102	Food Plant	Zea Zea m 14	IgE but no biological test	99	AAA33494.1	168578	15
Zea mays	Corn	Zea m 25.0101	Aero Plant	Zea Zea m 25 thioredoxin	IgE but no biological test	128	CAI64400.1	66841002	7

Total sequences 2089  
Total Taxa, Protein Groups 831  
Species 369

**AllergenOnline versoin 18B**  
10 May 2018  
Page 88 of 88

Accession # from NCBI or UniProt  
Four manual entries

Ziziphus mauritiana	Chinese-date	Ziz m 1.0101	Food Plant	Ziziphus Ziz m 1	IgE plus basophil+ or SPT+	330	AAX40948.1	61225281	7
---------------------	--------------	--------------	------------	------------------	----------------------------	-----	------------	----------	---