

ALEX® Allergen list

	Allergen code	Allergen	Component	Protein group
1	g17	Paspalum notatum (Bahia Grass)		
2	g2	Cynodon dactylon (Bermuda Grass)		
3	g7	Phragmites communis (Common Reed)		
4	g202	Zea mays (Corn)		
5	g10	Sorghum halepense (Johnson Grass)		
6	g100	Lolium perenne (Perennial Ryegrass)	nLol p 1	Beta-Expansin
7	g12	Secale cereale (Rye)		
8	g6	Phleum pratense (Timothy)		
9	g205	Phleum pratense (Timothy)	rPhl p 1	Beta-Expansin
10	g206	Phleum pratense (Timothy)	rPhl p 2	Expansin
11	g215	Phleum pratense (Timothy)	rPhl p 5.0101	Grass Goup 5/6
12	g209	Phleum pratense (Timothy)	rPhl p 6	Grass Goup 5/6
13	g210	Phleum pratense (Timothy)	rPhl p 7	Polcalcin
14	g212	Phleum pratense (Timothy)	rPhl p 12	Profilin
45	w101	Mercurialis annua (Annual Mercury)		
46	w10	Chenopodium album (Lamb's Quarter)		
47	w100	Chenopodium album (Lamb's Quarter)	rChe a 1	Ole e 1-Family
48	w6	Artemisia vulgaris (Mugwort)		
49	w231	Artemisia vulgaris (Mugwort)	rArt v 1.0101	Plant Defensin
50	w233	Artemisia vulgaris (Mugwort)	rArt v 3.0201	nsLTP
51	w20	Urtica dioica (Nettle)		
52	w14	Amaranthus retroflexus (Pigweed)		
53	w1	Ambrosia artemisiifolia/elatior (Ragweed)		
54	w230	Ambrosia artemisiifolia/elatior (Ragweed)	rAmb a 1	Pectate Lyase
55	w300	Ambrosia artemisiifolia/elatior (Ragweed)	rAmb a 4	Plant Defensin
56	w9	Plantago lanceolata (Ribwort)		
57	w234	Plantago lanceolata (Ribwort)	rPla l 1	Ole e 1-Family
58	w11	Salsola kali (Russian Thistle)		
59	w18	Rumex acetocella (Sheep's Sorrel)		
60	w21	Parietaria judaica (Wall Pellitory)		
61	w211	Parietaria judaica (Wall Pellitory)	rPar j 2	nsLTP

	Allergen code	Allergen	Component	Protein group
15	t19	Acacia spp. (Acacia)		
16	t2	Alnus glutinosa (Alder)		
17	t100	Alnus glutinosa (Alder)	rAln g 1	PR-10
18	t101	Alnus glutinosa (Alder)	rAln g 4	Polcalcin
19	t226	Cupressus arizonica (Arizona Cypress)	nCup a 1	Pectate Lyase
20	t25	Fraxinus excelsior (Ash)		
21	t103	Fraxinus excelsior (Ash)	rFra e 1	Ole e 1-Family
22	t5	Fagus sylvatica (Beech)		
23	t14	Populus nigra (Cottonwood)		
24	t222	Cupressus sempervirens L. (Cypress)		
25	t105	Phoenix dactylifera (Date Palm)	nPho d 2	Profilin
26	t8	Ulmus campestris (Elm)		
27	t4	Corylus avellana (Hazel)		
28	t102	Corylus avellana (Hazel)	rCor a 1.0103	PR-10
29	t106	Syringa vulgaris (Lilac)		
30	t11	Platanus acerifolia (London Plane Tree)		
31	t241	Platanus acerifolia (London Plane Tree)	rPla a 1	Plant Invertase
32	t63	Juniperus ashei (Mountain Cedar)		
33	t71	Morus rubra (Mulberry Tree)		
34	t7	Quercus robur (Oak)		
35	t9	Olea Europaea (Olive)		
36	t224	Olea Europaea (Olive)	nOle e 1	Common Olive Group 1
37	t104	Olea Europaea (Olive)	rOle e 2	Profilin
38	t210	Ligustrum vulgare (Privet)		
39	t3	Betula verrucosa (Silver Birch)		
40	t215	Betula verrucosa (Silver Birch)	rBet v 1	PR-10
41	t216	Betula verrucosa (Silver Birch)	rBet v 2	Profilin
42	t225	Betula verrucosa (Silver Birch)	rBet v 6	Isoflavon Reductase
43	t17	Cryptomeria japonica (Sugi)		
44	t10	Juglans regia (Walnut)		

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62	m6	Alternaria alternata		
63	m229	Alternaria alternata	rAlt a 1	Alt a 1-Family
64	m3	Aspergillus fumigatus		
65	m220	Aspergillus fumigatus	rAsp f 3	Peroxisomal Protein
66	m221	Aspergillus fumigatus	rAsp f 4	unknown
67	m222	Aspergillus fumigatus	rAsp f 6	Mn Superoxid-Dismutase
68	m5	Candida albicans		
69	m2	Cladosporium herbarum		
70	m100	Cladosporium herbarum	rCla h 8	Short Chain Dehydrogenase
71	y1	Malassezia sympodialis	rMala s 1	unknown
72	y2	Malassezia sympodialis	rMala s 5	unknown
73	y3	Malassezia sympodialis	rMala s 6	Cyclophilin
74	y4	Malassezia sympodialis	rMala s 9	unknown
75	y5	Malassezia sympodialis	rMala s 11	Mn Superoxid-Dismutase
76	m1	Penicilium chrysogenum		
77	d70	Acarus siro (Acarus siro)		
78	i206	Periplaneta americana (American Cockroach)		
79	i300	Periplaneta americana (American Cockroach)	rPer a 7	Tropomyosin
80	d2	Dermatophagoides farinae		
81	d100	Dermatophagoides farinae	rDer f 1	Cysteine Protease
82	d101	Dermatophagoides farinae	rDer f 2	NPC2 Family
83	d201	Blomia tropicalis		
84	d1	Dermatophagoides pteronyssinus		
85	d202	Dermatophagoides pteronyssinus	rDer p 1	Cysteine Protease
86	d203	Dermatophagoides pteronyssinus	rDer p 2	NPC2 Family
87	d103	Dermatophagoides pteronyssinus	rDer p 5	unknown
88	d104	Dermatophagoides pteronyssinus	rDer p 7	Mite Group 7
89	d205	Dermatophagoides pteronyssinus	rDer p 10	Tropomyosin
90	d102	Dermatophagoides pteronyssinus	rDer p 11	Myosin, heavy chain
91	d209	Dermatophagoides pteronyssinus	rDer p 23	Peritrophin-like protein domain
92	i6	Blatella germanica (German Cockroach)		
93	i100	Blatella germanica (German Cockroach)	rBla g 1	Cockroach group 1
94	i101	Blatella germanica (German Cockroach)	rBla g 2	Aspartyl protease
95	i102	Blatella germanica (German Cockroach)	rBla g 4	Lipocalin
96	i103	Blatella germanica (German Cockroach)	rBla g 5	Glutathione S-transferase
97	d73	Glycyphagus domesticus		
98	d105	Glycyphagus domesticus	rGly d 2	NPC2 Family
99	d71	Lepidoglyphus destructor		
100	d72	Tyrophagus putrescentiae		

	Allergen code	Allergen	Component	Protein group
101	e1	Felis domesticus (Cat)		
102	e94	Felis domesticus (Cat)	rFel d 1	Uteroglobulin
103	e220	Felis domesticus (Cat)	nFel d 2	Serum Albumin
104	e228	Felis domesticus (Cat)	rFel d 4	Lipocalin
105	e4	Bos domesticus (Cattle)		
106	e100	Bos domesticus (Cattle)	rBos d 2	Lipocalin
107	e5	Canis familiaris (Dog)		
108	e101	Canis familiaris (Dog)	rCan f 1	Lipocalin
109	e102	Canis familiaris (Dog)	rCan f 2	Lipocalin
110	e221	Canis familiaris (Dog)	nCan f 3	Serum Albumin
111	e80	Capra hircus (Goat)		
112	e6	Cavia porcellus (Guinea Pig)		
113	e84	Cricetus cricetus (Hamster)		
114	e3	Equus caballus (Horse)		
115	e227	Equus caballus (Horse)	rEqu c 1	Lipocalin
116	e103	Mus musculus (Mouse)	nMus m 1	Lipocalin
117	e83	Sus domesticus (Pig)		
118	e82	Oryctolagus spp. (Rabbit)		
119	e73	Rattus norvegicus (Rat)		
120	e81	Ovis aries (Sheep)		
121	i3	Vespula vulgaris (Common Wasp Venom)		
122	i209	Vespula vulgaris (Common Wasp Venom)	rVes v 5	Antigen 5
123	i1	Apis mellifera (Honey Bee Venom)		
124	i208	Apis mellifera (Honey Bee Venom)	r/nApi m 1	Phospholipase A2
125	i214	Apis mellifera (Honey Bee Venom)	rApi m 2	Hyaluronidase
126	i217	Apis mellifera (Honey Bee Venom)	rApi m 10	Icarapin Variant 2
127	i25	Dolichovespula spp. (Long-headed WaspVenom)		
128	i4	Polistes dominulus (Paper Wasp Venom)		
129	i210	Polistes dominulus (Paper Wasp Venom)	rPol d 5	Antigen 5

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130	f6	Hordeum vulgare (Barley)		
131	f11	Fagopyrum esculentum (Buckwheat)		
132	f508	Fagopyrum esculentum (Buckwheat)	nFag e 2	2S Albumin
133	f8	Zea mays (Corn, cereal)		
134	f5	Secale cereale (Cultivated rye)		
135	f335	Lupinus albus (Lupine Seed)		
136	f55	Panicum miliaceum (Millet)		
137	f7	Avena sativa (Oat)		
138	f224	Papaver somniferum (Poppy seed)		
139	f516	Papaver somniferum (Poppy seed)	nPap s 2S Albumin	2S Albumin
140	f226	Cucurbita pepo (Pumpkin Seed)		
141	f347	Chenopodium quinoa (Quinoa)		
142	f9	Oryza sativa (Rice)		
143	f10	Sesamum indicum (Sesame)		
144	f518	Sesamum indicum (Sesame)	nSes i 1	2S Albumin
145	k84	Helianthus annuus (Sunflower seed)		
146	f124	Triticum spelta (Spelt)		
147	f4	Triticum aestivum (Wheat)		
148	f98	Triticum aestivum (Wheat)	nTri a Gliadin	Gliadin
149	f1	Gallus domesticus (Egg White)		
150	f233	Gallus domesticus (Egg White)	nGal d 1	Ovomucoid
151	f232	Gallus domesticus (Egg White)	nGal d 2	Ovalbumin
152	f323	Gallus domesticus (Egg White)	nGal d 3	Ovotransferrin
153	k208	Gallus domesticus (Egg White)	nGal d 4	Lysozym C
154	f510	Gallus domesticus (Egg Yolk)	nGal d 5	Serum Albumin
155	f75	Gallus domesticus (Egg Yolk)		
156	f506	Camelus dromedarius (Camel's Milk)		
157	f2	Bos domesticus (Cow's Milk)		
158	f76	Bos domesticus (Cow's Milk)	nBos d 4	α-Lactalbumin
159	f77	Bos domesticus (Cow's Milk)	nBos d 5	β-Lactoglobulin
160	f78	Bos domesticus (Cow's Milk)	nBos d 8	Casein
161	f300	Capra hircus (Goat's Milk)		
162	f286	Equus caballus (Mare's Milk)		
163	f325	Ovis aries (Sheep's Milk)		

	Allergen code	Allergen	Component	Protein group
164	f49	Malus domestica (Apple)		
165	f434	Malus domestica (Apple)	rMal d 1	PR-10
166	f514	Malus domestica (Apple)	nMal d 2	TLP
167	f435	Malus domestica (Apple)	rMal d 3	nsLTP
168	f92	Musa acuminata (Banana)		
169	f288	Vaccinium myrtillus (Blueberry)		
170	f242	Prunus spp. (Cherry)		
171	f328	Ficus carica (Fig)		
172	f521	Vitis vinifera (Grape)	nVit v 1	nsLTP
173	f84	Actinidia deliciosa (Kiwi)		
174	f500	Actinidia deliciosa (Kiwi)	nAct d 1	Cysteine Protease
175	f503	Actinidia deliciosa (Kiwi)	nAct d 2	TLP
176	f501	Actinidia deliciosa (Kiwi)	nAct d 5	Kiwellin
177	f502	Actinidia deliciosa (Kiwi)	nAct d 10	nsLTP
178	f348	Litchi chinesis (Litchi)		
179	f91	Mangifera indica (Mango)		
180	f87	Cucumis melo (Melon)		
181	f33	Citrus sinensis (Orange)		
182	f293	Carica papaya (Papaya)		
183	f95	Prunus persica (Peach)		
184	f420	Prunus persica (Peach)	n/r Pru p 3	nsLTP
185	f94	Pyrus communis (Pear)		
186	f255	Prunus domestica (Plum)		
187	f343	Rubus idaeus (Raspberry)		
188	f44	Fragaria ananassa (Strawberry)		

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189	f20	Prunus dulcis (Almond)	
190	f18	Bertholletia excelsa (Brazil Nut)	
191	f354	Bertholletia excelsa (Brazil Nut)	nBer e 1 2S Albumin
192	f202	Anacardium occidentale (Cashew)	
193	f443	Anacardium occidentale (Cashew)	rAna o 3 2S Albumin
194	f309	Cicer arietinus (Chickpea)	
195	f17	Corylus avellana (Hazel Nut)	
196	f428	Corylus avellana (Hazel Nut)	rCor a 1.0401 PR-10
197	f425	Corylus avellana (Hazel Nut)	rCor a 8 nsLTP
198	f440	Corylus avellana (Hazel Nut)	nCor a 9 11S Globulin
199	f506	Corylus avellana (Hazel Nut)	nCor a 11 7/8S Globulin
200	f439	Corylus avellana (Hazel Nut)	nCor a 14 2S Albumin
201	f235	Lens culinaris (Lentil)	
202	f345	Macadamia integrifolia (Macadamia)	
203	f513	Macadamia integrifolia (Macadamia)	nMac i 2S Albumin 2S Albumin
204	f12	Pisum sativum (Pea)	
205	f13	Arachis hypogea (Peanut)	
206	f422	Arachis hypogea (Peanut)	nAra h 1 7/8S Globulin
207	f423	Arachis hypogea (Peanut)	rAra h 2 2S Albumin
208	f424	Arachis hypogea (Peanut)	nAra h 3 11S Globulin
209	f447	Arachis hypogea (Peanut)	nAra h 6 2S Albumin
210	f352	Arachis hypogea (Peanut)	rAra h 8 PR-10
211	f427	Arachis hypogea (Peanut)	rAra h 9 nsLTP
212	f201	Carya illinoensis (Pecan)	
213	f203	Pistacia vera (Pistachio)	
214	f14	Glycine max (Soy)	
215	f353	Glycine max (Soy)	rGly m 4 PR-10
216	f431	Glycine max (Soy)	rGly m 5 7/8S Globulin
217	f432	Glycine max (Soy)	nGly m 6 11S Globulin
218	f511	Glycine max (Soy)	nGly m 8 2S Albumin
219	f256	Juglans regia (Walnut)	
220	f441	Juglans regia (Walnut)	nJug r 1 2S Albumin
221	f512	Juglans regia (Walnut)	nJug r 2 7/8S Globulin
222	f315	Phaseolus vulgaris (Green Bean)	

Legumes and Nuts

Allergen code	Allergen	Component	Protein group
223	p10	Anisakis simplex (Anisakis simplex)	rAni s 1 Kunitz Serin Protease Inhibitor
224	p11	Anisakis simplex (Anisakis simplex)	rAni s 3 Tropomyosin
225	f3	Gadus morhua (Atlantic Cod)	
226	f509	Gadus morhua (Atlantic Cod)	nGad m 1 β-Parvalbumin
227	f355	Cyprinus carpio (Carp)	rCyp c 1 β-Parvalbumin
228	f237	Mytilus edulis (Common Mussel)	
229	f23	Chionoecetes spp. (Crab)	
230	f258	Loligo spp. (Squid)	
231	f80	Homarus gammarus (Lobster)	
232	f290	Ostrea edulis (Oyster)	
233	f41	Salmo salar (Salmon)	
234	f338	Pecten spp. (Scallop)	
235	f515	Pandalus borealis (Northern prawn)	
236	f24	Shrimp mix	
237	f517	Penaeus monodon (Black Tiger Shrimp)	nPen m 1 Tropomyosin
238	f40	Thunnus albacares (Tuna)	
239	f207	Ruditapes spp. (Venus Clam)	
240	f271	Pimpinella anisum (Anise)	
241	f265	Carum carvi (Caraway)	
242	f89	Brassica / Sinapis spp. (Mustard)	
243	f519	Brassica / Sinapis spp. (Mustard)	nSin a 1 2S Albumin
244	f283	Origanum vulgare (Oregano)	
245	f218	Capsicum annuum (Paprika)	
246	f86	Petroselinum crispum (Parsley)	
247	f27	Bos domesticus (Beef)	
248	e204	Bos domesticus (Beef)	nBos d 6 Serum Albumin
249	f83	Gallus domesticus (Chicken)	
250	f321	Equus caballus (Horse)	
251	f88	Ovis aries (Lamb)	
252	f26	Sus domesticus (Pig)	
253	f213	Oryctolagus spp. (Rabbit)	
254	f284	Meleagris gallopavo (Turkey)	

Food : Seafood

Food : Spices

Food : Meat

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f96	Persea americana (Avocado)		
f216	Brassica oleracea var. Capitata (Cabbage)		
f31	Daucus carota (Carott)		
f507	Daucus carota (Carott)	rDau c 1	PR-10
f85	Apium graveolens (Celery)		
f417	Apium graveolens (Celery)	rApi g 1	PR-10
f504	Apium graveolens (Celery)	rApi g 2	nsLTP
f505	Apium graveolens (Celery)	rApi g 6	nsLTP
f47	Allium sativum (Garlic)		
f215	Lactuca sativa (Lettuce)		
f342	Olea europaea (Olive)		
f48	Allium cepa (Onion)		
f35	Solanum tuberosum (Potato)		
f25	Solanum lycopersicum (Tomato)		
f520	Solanum lycopersicum (Tomato)	nSola l 6	nsLTP
f212	Agaricus hortensis/bisporus (White Mushroom)		
f324	Humulus lupulus (Hops)		
f45	Sacccaromyces cerevisiae (Baker's Yeast)		
k82	Hevea brasiliensis (Latex)		
k215	Hevea brasiliensis (Latex)	rHev b 1	Rubber elongation factor
k217	Hevea brasiliensis (Latex)	rHev b 3	small rubber particle protein
k218	Hevea brasiliensis (Latex)	rHev b 5	unknown
k220	Hevea brasiliensis (Latex)	rHev b 6.02	Pro-Hevein
k221	Hevea brasiliensis (Latex)	nHev b 8	Profilin
k224	Hevea brasiliensis (Latex)	rHev b 11	Class 1 Chitinase
k81	Ficus benjamina (Weeping Fig)		
k202	Ananas comosus (Pineapple)	nAna c 2	CCD
o214	Hom s Lactoferrin	rHom s LF	CCD

Food -Vegetables

Others