

## Protein Groups and Proteins Targeted

Genus species	Allergome Name	Groups
Actinidia deliciosa	Act d 1	fruit
Alnus glutinosa	Aln g	pollen
Alnus glutinosa	Aln g	pollen
Ambrosia artemisiifolia	Amb a 1	pollen
Anisakis simplex	Ani s 1	nematode
Anisakis simplex	Ani s 3	nematode
Apis mellifera	Api m 1	artropode
Apis mellifera	Api m 4	artropode
Arachis hypogaea	Ara h 1	nut
Arachis hypogaea	Ara h 2	nut
Arachis hypogaea	Ara h 6	nut
Artemisia vulgaris	Art v 4	pollen
Aspergillus fumigatus	rAsp f 1	fungus
Aspergillus fumigatus	rAsp f 3	fungus
Aspergillus fumigatus	rAsp f 4	fungus
Aspergillus fumigatus	rAsp f 6	fungus
Aspergillus fumigatus	rAsp f 8	fungus
Bertholletia excelsa	Ber e 1	nut
Betula verrucosa	Bet v 1.0101	pollen
Blattella germanica	Bla g 1	artropode
Blattella germanica	Bla g 2	artropode
Blattella germanica	Bla g 4	artropode
Blattella germanica	Bla g 5	artropode
Bos domesticus	Bos d 4	milk
Bos domesticus	Bos d 5	milk
Bos domesticus	Bos d 6	milk
Bos domesticus	Bos d 8	milk
Canis familiaris	Can f 1	animal
Canis familiaris	Can f 3	animal
Carpinus betulus	Car b	seed
Corylus avellana	Cor a 1.0103	pollen
Corylus avellana	Cor a 9	nut
Cupressus arizonica	Cup a 1	pollen
Cynodon dactylon	Cyn d 12	pollen
Dermatophagoides farinae	Der f 1	artropode
Dermatophagoides farinae	Der f 2	artropode
Dermatophagoides pteronyssinus	Der p 1	artropode
Dermatophagoides pteronyssinus	Der p 10	artropode
Dermatophagoides pteronyssinus	Der p 2	artropode
Dermatophagoides pteronyssinus	Der p 7	artropode
Equus caballus	Equ c 3	animal
Euroglyphus maynei	Eur m 2	artropode
Felis domesticus	Fel d 2	animal

Fraxinus excelsior	Fra e	pollen
Gallus domesticus	Gal d 1	egg
Gallus domesticus	Gal d 2	egg
Gallus domesticus	Gal d 3	egg
Gallus domesticus	Gal d 4	egg
Glycyphagus domesticus	Gly d 2	artropode
Helix aspersa	Hel as 7	mollusco
Hevea brasiliensis	Hev b 1	latex
Hevea brasiliensis	Hev b 10	latex
Hevea brasiliensis	Hev b 11	latex
Hevea brasiliensis	Hev b 6.02	latex
Hevea brasiliensis	Hev b 7.02	latex
Hevea brasiliensis	Hev b 8	latex
Hevea brasiliensis	Hev b 9	latex
Lolium perenne	Lol p 1	pollen
Mercurialis annua	Mer a 1	fish
Mus musculus	Mus m 1	animal
Olea europaea	Ole e 1	pollen
Olea europaea	Ole e 2	pollen
Parietaria judaica	Par j 1	pollen
Parietaria judaica	Par j 2	pollen
Parietaria judaica	Par j 3	pollen
Panaeus indicus	Pen i 1	crustacea
Periplaneta americana	Per a 7	artropode
Phleum pratense	Phl p 1.0102	pollen
Phoenix dactylifera	Pho d 2	pollen
Platanus acerifolia	Pla a 1	pollen
Platanus acerifolia	Pla a 2	pollen
Prunus persica	Pru p 3	fruit
Rattus norvegicus	Rat n 1	animal
Solanum tuberosum	Sola t 1	tuber
Triticum aestivum	Tri a Gliadin	seed
Ananas comosus	Ana c 2	fruit
Carica papaya	Car p 1	fruit
Populus alba	Pop a	pollen
Eucalyptus globulus	Euc g [Pollen]	pollen
Alternaria alternata	Alt a 1	fungus
Actinidia deliciosa	Act d 2	fruit
Artemisia vulgaris	Art v 1	pollen
Helianthus annuus	Hel a 2S Albumin	seed
Platanus acerifolia	Pla a 8	pollen
Armoracia rusticana	Arm r HRP	tuber
Malassezia pachydermatis	Mala p	fungus
Linum usitatissimum	Lin us	pollen
Triticum polonicum	Tri tp	seed
Triticum turgidum ssp. durum	Tri td	seed
Lupinus albus	Lup a [Seed]	seed
Culex pipiens	Cul p	artropode
Panaeus monodon	Pen m 1	crustacea

<i>Bos domesticus</i>	Bos d LF	milk
<i>Drechslera spicifera</i>	Dre s	fungus
<i>Glycine max</i>	Gly m TI	seed
<i>Aedes communis</i>	Aed c	artropode
<i>Aspergillus versicolor</i>	Asp v	fungus
<i>Quercus ilex</i>	Que i	pollen
<i>Glycine max</i>	Gly m Agglutinin	seed
<i>Malus domestica</i>	Mal d 1.0108	fruit
<i>Leucanthemum vulgare</i>	Leu vu	pollen
<i>Rhizopus nigricans</i>	Rhi n	fungus
<i>Acarus siro</i>	Aca s	artropode
<i>Agrostis gigantea</i>	Agr g [Pollen]	pollen
<i>Alnus glutinosa</i>	Aln g	pollen
<i>Alternaria alternata</i>	Alt a	fungus
<i>Ambrosia artemisiifolia</i>	Amb a	pollen
<i>Ambrosia psilostachya</i>	Amb p	pollen
<i>Anisakis simplex</i>	Ani s	nematode
<i>Anthoxanthum odoratum</i>	Ant o [Pollen]	pollen
<i>Apium graveolens</i>	Api g [Root]	vegetable
<i>Apis mellifera</i>	Api m [Venom]	artropode
<i>Artemisia vulgaris</i>	Art v	pollen
<i>Aspergillus fumigatus</i>	Asp f	fungus
<i>Aspegillus flavus</i>	Asp fl	fungus
<i>Aspergillus niger</i>	Asp n	fungus
<i>Aspergillus nidulans</i>	Aspe ni	fungus
<i>Avena sativa</i>	Ave s [Pollen]	pollen
<i>Betula verrucosa</i>	Bet v [Pollen]	pollen
<i>Blattella germanica</i>	Bla g	artropode
<i>Blatta orientalis</i>	Bla o	artropode
<i>Blomia tropicalis</i>	Blo t	artropode
<i>Bos domesticus</i>	Bos d [Milk]	milk
<i>Brassica</i>	Bra n	Brassica
<i>Bromus inermis</i>	Bro l [Pollen]	pollen
<i>Canis familiaris</i>	Can f [Epithelium]	animal
<i>Candida albicans</i>	Cand a	fungus
<i>Castanea sativa</i>	Cas s [Pollen]	nut
<i>Chenopodium album</i>	Che a	pollen
<i>Cladosporium herbarum</i>	Cla h	fungus
<i>Corylus avellana</i>	Cor a [Pollen]	pollen
<i>Ctenocephalides felis</i>	Cte f	artropode
<i>Culicoides nubeculosus</i>	Cul n	culicidae
<i>Cupressus arizonica</i>	Cup a [Pollen]	pollen
<i>Cynodon dactylon</i>	Cyn d [Pollen]	pollen
<i>Dactylis glomerata</i>	Dac g [Pollen]	pollen
<i>Daucus carota</i>	Dau c	tuber
<i>Dermatophagoides farinae</i>	Der f	artropode
<i>Dermatophagoides pteronyssinus</i>	Der p	artropode
<i>Epicoccum nigrum</i>	Epi p	fungus
<i>Equus caballus</i>	Equ c [Epithelium]	animal

<i>Euroglyphus maynei</i>	Eur m	artropode
<i>Fagopyrum esculentum</i>	Fag e	seed
<i>Felis domesticus</i>	Fel d [Epithelia]	animal
<i>Festuca pratensis</i>	Fes p [Pollen]	pollen
<i>Fusarium solani</i>	Fus s	fungus
<i>Gallus domesticus</i>	Gal d [Egg White]	egg
<i>Glycyphagus domesticus</i>	Gly d	artropode
<i>Glycine max</i>	Gly m	seed
<i>Glycine max</i>	Gly m 4	seed
<i>Helianthus annuus</i>	Hel a [Pollen]	seed
<i>Hevea brasiliensis</i>	Hev b	latex
<i>Holcus lanatus</i>	Hol l [Pollen]	pollen
<i>Hordeum vulgare</i>	Hor v [Pollen]	pollen
<i>Juniperus virginiana</i>	Jun v	pollen
<i>Lepidoglyphus destructor</i>	Lep d	artropode
<i>Lolium perenne</i>	Lol p [Pollen]	pollen
<i>Malus domestica</i>	Mal d [Fruit]	fruit
<i>Musa x paradisiaca</i>	Mus xp	fruit
<i>Olea europaea</i>	Ole e [Pollen]	pollen
<i>Parietaria judaica</i>	Par j	pollen
<i>Parietaria officinalis</i>	Par o [Pollen]	pollen
<i>Penicillium chrysogenum</i>	Pen ch	fungus
<i>Periplaneta americana</i>	Per a	artropode
<i>Phleum pratense</i>	Phl p	pollen
<i>Platanus acerifolia</i>	Pla a [pollen]	pollen
<i>Plantago lanceolata</i>	Pla l	pollen
<i>Poa pratensis</i>	Poa p	pollen
<i>Saccharomyces cerevisiae</i>	Sac c	fungus
<i>Salsola kali</i>	Sal k	pollen
<i>Secale cereale</i>	Sec c [Pollen]	pollen
<i>Sorghum halepense</i>	Sor h	pollen
<i>Triticum aestivum</i>	Tri a [Seed]	seed
<i>Tyrophagus putrescentiae</i>	Tyr p	artropode
<i>Vespa crabro</i>	Vesp c	artropode
<i>Zea mays</i>	Zea m [Pollen]	pollen
<i>Bos domesticus</i>	Bos d [Epithelium]	milk
<i>Castanea sativa</i>	Cas s [Seed]	nut
<i>Corylus avellana</i>	Cor a [Seed]	nut
<i>Equus caballus</i>	Equ c [Milk]	animal
<i>Gallus domesticus</i>	Gal d [Egg Yolk]	egg
<i>Helianthus annuus</i>	Hel a [Seed]	seed
<i>Hordeum vulgare</i>	Hor v [Seed]	seed
<i>Mus musculus</i>	Mus m [Epithelium]	animal
<i>Oryza sativa</i>	Ory s [Seed]	seed
<i>Ovis aries</i>	Ovi a [Epithelium]	animal
<i>Rattus norvegicus</i>	Rat n [Epithelium]	animal
<i>Ricinus communis</i>	Ric c [Pollen]	pollen
<i>Triticum aestivum</i>	Tri a [Pollen]	pollen
<i>Zea mays</i>	Zea m [Seed]	seed
<i>Acer saccharinum</i>	Ace s	pollen

Aureobasidium pullulans	Aur p	fungus
Bipolaris sorokiniana	Bip so	fungus
Chaetomium globosum	Cha g	fungus
Corylus americana	Cor am	nut
Culicoides obsoletus	Cul s	culicidae
Eupatorium capillifolium	Eup c	pollen
Eurotium amstelodami	Eur s	fungus
Fagus grandifolia	Fag g	pollen
Geotrichum candidum	Geo c	fungus
medicago sativa	Med s [Pollen]	pollen
Penicillium digitatum	Pen d	fungus
Penicillium expansum	Pen e	fungus
Quercus robur	Que r [Pollen]	pollen
Rumex acetosella	Rum a	pollen
Rumex crispus	Rum cr	pollen
Salix lasiolepis	Sal la	pollen
tripholium pratense	Tri pr	vegetable
Ulmus americana	Ulm a	pollen
Urtica dioica	Urt d [Pollen]	pollen
Cladosporium herbarum	Cla h	fungus
Bos domesticus	Bos d 9	milk
Bos domesticus	Bos d 11	milk
Bos domesticus	Bos d 12	milk
Bos domesticus	Bos d 5.0102	milk
Actinidia deliciosa	Act d 5	fruit
Anisakis pegreffii	Ani pe	nematode
Aspergillus restrictus	Asp r 1	fungus
Alternaria alternata	Alt a 6.0101	fungus
Betula verrucosa	Bet v 2.0101	pollen
Hevea brasiliensis	Hev b 3.0101	latex
Hevea brasiliensis	Hev b 5.0101	latex
Salsola kali	Sal k 1	pollen
Phleum pratense	Phl p 12.0101	pollen
Phleum pratense	Phl p 2.0101	pollen
Phleum pratense	Phl p 6.0101	pollen
Phleum pratense	Phl p 7.0101	pollen
Drechslera halodes	Dre h	fungus
Thermoactinomyces vulgaris	The v	Bacteria
Saccharopolyspora rectivirgula	Sac r	Bacteria
Actinidia chinensis	Act c 5	fruit
Actinidia chinensis	Act c 10	fruit
Actinidia deliciosa	Act d 10	fruit
Dermatophagoides pteronyssinus	Der p 23	artropode
Actinidia deliciosa	Act d 11	fruit
Taraxacum officinale	Tar o [Pollen]	pollen
Black fly	Sim vi	artropode
Amaranthus cruentus	Ama cr	pollen

Merluccius merluccius	Mer mr 1	fish
Merluccius hubbsi	Mer hu 1	fish
Merluccius capensis	Mer ca 1	fish
Solanum lycopersicum	Sola l	seed
Corylus avellana	Cor a PG	nut
Actinidia chinensis	Act c 11	fruit
Ovis aries	Ovi a [wool]	animal
Prunus persica	Pru p 7	fruit
Prunus persica	Pru p Hevb5-like	fruit
Mucor circinelloides	Muc ci	fungus
Culicoides obsoletus	Cul ob	culicidae
Equus caballus	Equ c Myoglobin	animal
Bos domesticus	Bos d CA	milk
Actinidia chinensis	Act c Chitinase_IV	fruit
Ceratonia siliqua	Cer si [Seed]	seed
Prunus persica	Pru p 3	fruit
Zea mays	Zea m [Seed]	seed
Avena sativa	Ave s [Seed]	seed
Secale cereale	Sec c [Seed]	seed
Triticum aestivum	Tri a [Seed]	seed
Arachis hypogaea	Ara h 1-NT	nut
Arachis hypogaea	Ara h 1-CT	nut
Glycine max	Soybean AL3- native 1mg/ml	seed
Glycine max	Soybean AL3	seed
Glycine max	Soya 11S	seed
Lepidoptera	Moth Heterocera	artropode
Controls	IgE	controls
Controls	IgE	controls
Controls	Cy5	controls
Controls	Cy3	controls
Controls	PBS	controls
Helix aspersa	Hel as 7	mollusco
Periplaneta americana	Per a 7	artropode
Zea mays	Zea m [Seed]	seed
Setosphaeria rostrata	Set r	fungus
Kineosporia rhizophila	Kin r	Bacteria
Acinetobacter gerneri	Aci g	Bacteria
Aeromicrobium ponti	Aer p	Bacteria
Rhodococcus kroppenstedtii	Rhod k	Bacteria
Streptomyces albus	Str a	fungus
Microbacterium marinilacus	Mic m	Bacteria
Erwinia rhapontici	Erw r	Bacteria
Culicoides nubeculosus	Cul n 1	culicidae
Culicoides nubeculosus	Cul o 3	culicidae
Culicoides nubeculosus	Cul n 2	culicidae
Culicoides nubeculosus	Cul n 3	culicidae
Culicoides nubeculosus	Cul n 4	culicidae

Culicoides nubeculosus	Cul n 8	culicidae
Culicoides nubeculosus	Cul n 5	culicidae
Culicoides nubeculosus	Cul o 7	culicidae
Culicoides obsoletus	Cul o 2	culicidae
Culicoides obsoletus	Cul n 4	culicidae
Culicoides obsoletus	Cul o 3	culicidae
Culicoides obsoletus	Cul o 3	culicidae
Culicoides obsoletus	Cul o 2	culicidae
Culicoides obsoletus	Cul n 1	culicidae
Culicoides obsoletus	Cul n 2	culicidae
Culicoides obsoletus	Cul o 2	culicidae
Culicoides obsoletus	Cul n 3	culicidae
Culicoides obsoletus	Cul n 4	culicidae
Culicoides obsoletus	Cul o 7	culicidae
Culicoides obsoletus	Cul nu 2	culicidae
Culicoides nubeculosus	Cul nu 10.01	culicidae
Culicoides nubeculosus	Cul nu 10.02	culicidae
Culicoides nubeculosus	Cul nu 4	culicidae
Culicoides obsoletus	Cul ob 8	culicidae
Culicoides nubeculosus	Cul ob 8	culicidae
Culicoides nubeculosus	Cul ob 8	culicidae
Culicoides obsoletus	Cul nu 4	culicidae
Culicoides obsoletus	Cul nu 4	culicidae
Culicoides obsoletus	Cul nu 2	culicidae
Culicoides obsoletus	Cul n 10.03	culicidae
Culicoides obsoletus	Cul nu 2	culicidae
Culicoides nubeculosus	Cul o 7	culicidae
Culicoides nubeculosus	cul o 2	culicidae
Culicoides nubeculosus	cul o 2	culicidae
Culicoides nubeculosus	Cul o 1	culicidae
Culicoides	Cul o 3	culicidae
Culicoides	Cul o 4	culicidae
Culicoides	cul o 5	culicidae
Culicoides	Cul o 6	culicidae
Culicoides	Cul o 7	culicidae
Culicoides	Cul o 8	culicidae
Culicoides nubeculosus	Cul o1P	culicidae
Alternaria alternata	Alt a 1	fungus
Culicoides obsoletus	Cul o 5	culicidae
Culicoides obsoletus	Cul o 6	culicidae
Culicoides obsoletus	C015	culicidae
Culicoides obsoletus	C0120	culicidae
Culicoides obsoletus	C0145	culicidae
Culicoides obsoletus	C0147	culicidae
Culicoides obsoletus	C0180	culicidae
Culicoides nubeculosus	Cul nu 1	culicidae
Culicoides nubeculosus	Cul nu 1	culicidae
Culicoides nubeculosus	Cul nu 2	culicidae
Culicoides nubeculosus	Cul nu 2	culicidae
Culicoides nubeculosus	Cul nu 3	culicidae

Culicoides nubeculosus	Cul ob 3	culicidae
Culicoides nubeculosus	Cul nu 4	culicidae
Culicoides nubeculosus	Cul nu 6-like	culicidae
Culicoides nubeculosus	Cul nu 6-like	culicidae
Culicoides obsoletus	Cul ob 6.01	culicidae
Culicoides obsoletus	Cul ob 6.01	culicidae
Culicoides obsoletus	Cul ob 6.02	culicidae
Culicoides obsoletus	Cul ob 6-like	culicidae
Culicoides obsoletus	Cul ob 6-like	culicidae
Culicoides obsoletus	Cul ob 8	culicidae
Culicoides nubeculosus	Cul nu 9	culicidae
Culicoides nubeculosus	Cul nu 9	culicidae
Culicoides nubeculosus	Cul nu 10.01	culicidae
Culicoides nubeculosus	Cul nu 10.01	culicidae
Culicoides nubeculosus	Cul nu 10.02	culicidae
Culicoides nubeculosus	Cul nu 10.03	culicidae
Culicoides nubeculosus	Cul nu 10.03	culicidae
Culicoides nubeculosus	Cul n 11	culicidae
Culicoides nubeculosus	Cul nu 12	culicidae
Culicidae	Culicidae Cul A	culicidae
Culicidae	Culicidae Cul B	culicidae
Culicidae	Culicidae Cul C	culicidae
Culicidae	Culicidae Cul D	culicidae
Culicidae	Culicidae Cul E	culicidae
Culicidae	Culicidae Cul F	culicidae
Culicoides nubeculosus	Cul n	culicidae
Alternaria alternata	Alt a 1	culicidae
Hay dust	Hay d	Hay related
Culicoides obsoletus	Co 13	culicidae
Culicoides obsoletus	Co 60	culicidae
Culicoides obsoletus	Co167	culicidae
Culicoides obsoletus	Cul o 2	culicidae
Culicoides obsoletus	Cul o 3	culicidae
Culicoides obsoletus	Cul o 3	culicidae
Culicoides obsoletus	Cul o 5	culicidae
Culicoides obsoletus	Cul o 6 F10	culicidae
Culicoides obsoletus	Cul o 6 F10	culicidae
Culicoides obsoletus	Cul o 8 C11	culicidae
Bos domesticus	Bos d LF	milk
Bos domesticus	Bos d 5	milk
Bos domesticus	Bos d 4	milk
Culicoides obsoletus	Cul o 2	culicidae
Culicoides obsoletus	Cul o 3	culicidae
Culicoides obsoletus	cul o 5	culicidae
Culicoides obsoletus	Cul o 6F10	culicidae
Culicoides obsoletus	Cul o 8C11	culicidae
Manioc	Man e	tuber
Manioc	Man e	tuber
Dermatophagoides farinae	Der f	artropode