

## Baumpollen

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Komponente    | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|----------------------------|---------------|-----------------------------|
| E                      | t19               | Akazie              | Acacia mimosa              |               |                             |
| K                      | t226              | Arizona-Zypresse    | Cupressus arizonica        | nCup a 1      | Pektat Lyase                |
| K                      | t215              | Birke               | Betula verrucosa           | rBet v 1      | PR-10                       |
| K                      | t216              | Birke               | Betula verrucosa           | rBet v 2      | Profilin                    |
| K                      | t225              | Birke               | Betula verrucosa           | rBet v 6      | Isoflavon Reductase         |
| K                      | t300              | Buche               | Fagus sylvatica            | rFag s 1      | PR-10                       |
| K                      | t105              | Dattelpalme         | Phoenix dactylifera        | rPho d 2      | Profilin                    |
| K                      | t100              | Erle                | Alnus glutinosa            | rAln g 1      | PR-10                       |
| K                      | t101              | Erle                | Alnus glutinosa            | rAln g 4      | Polcalcin                   |
| E                      | t25               | Esche               | Fraxinus excelsior         |               |                             |
| K                      | t103              | Esche               | Fraxinus excelsior         | rFra e 1      | Ole e 1-Familie             |
| E                      | t304              | Götterbaum          | Ailanthus altissima        |               |                             |
| E                      | t4                | Hasel               | Corylus avellana           |               |                             |
| K                      | t102              | Hasel               | Corylus avellana           | rCor a 1.0103 | PR-10                       |
| K                      | t303              | Japanzeder          | Cryptomeria japonica       | rCry j 1      | Pektat Lyase                |
| E                      | t71               | Maulbeerbaum        | Morus rubra                |               |                             |
| K                      | t224              | Olive               | Olea Europaea              | nOle e 1      | Ole e 1-Familie             |
| K                      | t240              | Olive               | Olea Europaea              | rOle e 9      | 1,3 β Glucanase             |
| E                      | t305              | Papiermaulbeere     | Broussonetia papyrifera    |               |                             |
| E                      | t14               | Pappel              | Populus nigra              |               |                             |
| K                      | t241              | Platane             | Platanus acerifolia        | rPla a 1      | Pflanzen Invertase          |
| K                      | t301              | Platane             | Platanus acerifolia        | nPla a 2      | Polygalacturonase           |
| K                      | t302              | Platane             | Platanus acerifolia        | rPla a 3      | nsLTP                       |
| E                      | t8                | Ulme                | Ulmus campestris           |               |                             |
| E                      | t10               | Walnuss             | Juglans regia              |               |                             |
| E                      | t63               | Zeder               | Juniperus ashei            |               |                             |
| E                      | t222              | Zypresse            | Cupressus sempervirens     |               |                             |

## Gräserpollen

| Komponente/<br>Extrakt | Allergencode | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Kompo-<br>nente | Biochemische<br>Bezeichnung |
|------------------------|--------------|---------------------|----------------------------|-----------------|-----------------------------|
| E                      | g17          | Bahiagrass          | Paspalum notatum           |                 |                             |
| E                      | g2           | Hundszahn-<br>gras  | Cynodon dactylon           |                 |                             |
| K                      | g216         | Hundszahn-<br>gras  | Cynodon dactylon           | rCyn d 1        | Beta-Expansin               |
| K                      | g205         | Lieschgras          | Phleum pratense            | rPhl p 1        | Beta-Expansin               |
| K                      | g206         | Lieschgras          | Phleum pratense            | rPhl p 2        | Expansin                    |
| K                      | g215         | Lieschgras          | Phleum pratense            | rPhl p 5.0101   | Gras Gruppe 5/6             |
| K                      | g209         | Lieschgras          | Phleum pratense            | rPhl p 6        | Gras Gruppe 5/6             |
| K                      | g210         | Lieschgras          | Phleum pratense            | rPhl p 7        | Polcalcin                   |
| K                      | g212         | Lieschgras          | Phleum pratense            | rPhl p 12       | Profilin                    |
| E                      | g12          | Roggen              | Secale cereale             |                 |                             |
| E                      | g7           | Schilf              | Phragmites communis        |                 |                             |
| K                      | g100         | Weidelgras          | Lolium perenne             | rLol p 1        | Beta-Expansin               |

## Kräuterpollen

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle  | Wissenschaftlicher<br>Name | Komponente | Biochemische<br>Bezeichnung |
|------------------------|-------------------|----------------------|----------------------------|------------|-----------------------------|
| K                      | w232              | Salzkraut            | Salsola kali               | rSal k 1   | Pectin Methylesterase       |
| E                      | w9                | Spitzwegerich        | Plantago lanceolata        |            |                             |
| K                      | w234              | Spitzwegerich        | Plantago lanceolata        | rPla l 1   | Ole e 1-Familie             |
| E                      | w1                | Traubenkraut         | Ambrosia artemisiifolia    |            |                             |
| K                      | w230              | Traubenkraut         | Ambrosia artemisiifolia    | rAmb a 1   | Pektat Lyase                |
| K                      | w300              | Traubenkraut         | Ambrosia artemisiifolia    | rAmb a 4   | Pflanzen Defensin           |
| E                      | w10               | Weißer Gän-<br>sefuß | Chenopodium album          |            |                             |
| K                      | w100              | Weißer Gän-<br>sefuß | Chenopodium album          | rChe a 1   | Ole e 1-Familie             |

## Milben & Schaben

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle             | Wissenschaftlicher<br>Name          | Komponente | Biochemische<br>Bezeichnung   |
|------------------------|-------------------|---------------------------------|-------------------------------------|------------|-------------------------------|
| E                      | d70               | Acarus siro                     | Acarus siro                         |            |                               |
| K                      | d100              | Amerikanische<br>Hausstaubmilbe | Dermatophagoides farinae            | rDer f 1   | Zystein Protease              |
| K                      | d101              | Amerikanische<br>Hausstaubmilbe | Dermatophagoides farinae            | rDer f 2   | NPC2 Familie                  |
| E                      | i206              | Amerikanische<br>Schabe         | Periplaneta americana               |            |                               |
| K                      | i300              | Amerikanische<br>Schabe         | Periplaneta americana               | rPer a 7   | Tropomyosin                   |
| K                      | d300              | Blomia tropi-<br>calis          | Blomia tropicalis                   | rBlo t 5   | Milbe Gruppe 5                |
| K                      | d301              | Blomia tropi-<br>calis          | Blomia tropicalis                   | rBlo t 10  | Tropomyosin                   |
| K                      | d302              | Blomia tropi-<br>calis          | Blomia tropicalis                   | rBlo t 21  | unbekannt                     |
| K                      | i100              | Deutsche Scha-<br>be            | Blatella germanica                  | rBla g 1   | Schabe Gruppe 1               |
| K                      | i101              | Deutsche Scha-<br>be            | Blatella germanica                  | rBla g 2   | Aspartat Protease             |
| K                      | i102              | Deutsche Scha-<br>be            | Blatella germanica                  | rBla g 4   | Calycin                       |
| K                      | i103              | Deutsche Scha-<br>be            | Blatella germanica                  | rBla g 5   | Glutathion S-Trans-<br>ferase |
| K                      | i301              | Deutsche Scha-<br>be            | Blatella germanica                  | rBla g 9   | Arginin Kinase                |
| K                      | d202              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 1   | Zystein Protease              |
| K                      | d203              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 2   | NPC2 Familie                  |
| K                      | d103              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 5   | unbekannt                     |
| K                      | d104              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 7   | Milbe Gruppe 7                |
| K                      | d205              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 10  | Tropomyosin                   |
| K                      | d102              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 11  | Myosin, schwere<br>Kette      |
| K                      | d303              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 20  | Arginin Kinase                |
| K                      | d304              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 21  | unbekannt                     |
| K                      | d209              | Europäische<br>Hausstaubmilbe   | Dermatophagoides pteronys-<br>sinus | rDer p 23  | Peritrophin Domäne            |
| K                      | d105              | Glycyphagus<br>domesticus       | Glycyphagus domesticus              | rGly d 2   | NPC2 Familie                  |
| K                      | d305              | Lepidoglyphus<br>destructor     | Lepidoglyphus destructor            | rLep d 2   | NPC2 Familie                  |

|   |      |                          |                          |          |              |
|---|------|--------------------------|--------------------------|----------|--------------|
| E | d72  | Tyrophagus putrescentiae | Tyrophagus putrescentiae |          |              |
| K | d306 | Tyrophagus putrescentiae | Tyrophagus putrescentiae | rTyr p 2 | NPC2 Familie |

## Schuppen & Epithelien

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle              | Wissenschaftlicher<br>Name | Komponente          | Biochemische<br>Bezeichnung |
|------------------------|-------------------|----------------------------------|----------------------------|---------------------|-----------------------------|
| K                      | e301              | Dsungarischer<br>Hamster         | Phodopus sungorus          | rPhod s 1           | Lipocalin                   |
| K                      | e101              | Hund                             | Canis familiaris           | rCan f 1            | Lipocalin                   |
| K                      | e102              | Hund                             | Canis familiaris           | rCan f 2            | Lipocalin                   |
| K                      | e221              | Hund                             | Canis familiaris           | nCan f 3            | Serumalbumin                |
| K                      | e302              | Hund                             | Canis familiaris           | rCan f 4            | Lipocalin                   |
| K                      | e303              | Hund                             | Canis familiaris           | rCan f 6            | Lipocalin                   |
| K                      | e304              | Hund                             | Canis familiaris           | rCan f Fel d 1 like | Uteroglobulin               |
| E                      | e308              | Hunde-Urin ♂,<br>(inkl. Can f 5) | Canis familiaris           |                     |                             |
| K                      | e309              | Kaninchen                        | Oryctolagus cuniculus      | rOry c 1            | Lipocalin                   |
| K                      | e310              | Kaninchen                        | Oryctolagus cuniculus      | rOry c 2            | Lipocalin                   |
| K                      | e311              | Kaninchen                        | Oryctolagus cuniculus      | rOry c 3            | Uteroglobulin               |
| K                      | e94               | Katze                            | Felis domesticus           | rFel d 1            | Uteroglobulin               |
| K                      | e220              | Katze                            | Felis domesticus           | nFel d 2            | Serumalbumin                |
| K                      | e228              | Katze                            | Felis domesticus           | rFel d 4            | Lipocalin                   |
| K                      | e300              | Katze                            | Felis domesticus           | rFel d 7            | Lipocalin                   |
| K                      | e103              | Maus                             | Mus musculus               | rMus m 1            | Lipocalin                   |
| K                      | e305              | Meerschwein-<br>chen             | Cavia porcellus            | rCav p 1            | Lipocalin                   |
| K                      | e227              | Pferd                            | Equus caballus             | rEqu c 1            | Lipocalin                   |
| K                      | e306              | Pferd                            | Equus caballus             | nEqu c 3            | Serumalbumin                |
| K                      | e307              | Pferd                            | Equus caballus             | rEqu c 4            | Latherin                    |
| E                      | e73               | Ratte                            | Rattus norvegicus          |                     |                             |
| K                      | e100              | Rind                             | Bos domesticus             | rBos d 2            | Lipocalin                   |
| E                      | e81               | Schaf                            | Ovis aries                 |                     |                             |
| E                      | e83               | Schwein                          | Sus domesticus             |                     |                             |
| E                      | e80               | Ziege                            | Capra hircus               |                     |                             |

## Schimmel- und Hefepilze

| Komponente/<br>Extrakt | Allergen-<br>code | Allergenquel-<br>le          | Wissenschaftlicher<br>Name | Komponente | Biochemische<br>Bezeichnung   |
|------------------------|-------------------|------------------------------|----------------------------|------------|-------------------------------|
| K                      | m229              | Alternaria alter-<br>nata    | Alternaria alternata       | rAlt a 1   | Alt a 1-Familie               |
| K                      | m230              | Alternaria alter-<br>nata    | Alternaria alternata       | rAlt a 6   | Enolase                       |
| K                      | m218              | Aspergillus fumi-<br>gatus   | Aspergillus fumigatus      | rAsp f 1   | Mitogillin Familie            |
| K                      | m220              | Aspergillus fumi-<br>gatus   | Aspergillus fumigatus      | rAsp f 3   | Peroxisomales Pro-<br>tein    |
| K                      | m221              | Aspergillus fumi-<br>gatus   | Aspergillus fumigatus      | rAsp f 4   | unbekannt                     |
| K                      | m222              | Aspergillus fumi-<br>gatus   | Aspergillus fumigatus      | rAsp f 6   | Mn Superoxid-Dismu-<br>tase   |
| E                      | m2                | Cladosporium her-<br>barum   | Cladosporium herbarum      |            |                               |
| K                      | m100              | Cladosporium her-<br>barum   | Cladosporium herbarum      | rCla h 8   | Kurzketten Dehydro-<br>genase |
| K                      | y2                | Malassezia sympo-<br>dialis  | Malassezia sympodialis     | rMala s 5  | unbekannt                     |
| K                      | y3                | Malassezia sympo-<br>dialis  | Malassezia sympodialis     | rMala s 6  | Cyclophilin                   |
| K                      | y5                | Malassezia sympo-<br>dialis  | Malassezia sympodialis     | rMala s 11 | Mn Superoxid-Dismu-<br>tase   |
| E                      | m1                | Penicillium chryso-<br>genum | Penicillium chrysogenum    |            |                               |

## Insektengifte

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name                    | Komponente | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|-----------------------------------------------|------------|-----------------------------|
| E                      | i70               | Feuerameise         | Solenopsis richteri & Solen-<br>opsis invicta |            |                             |
| E                      | i3                | Gemeine Wespe       | Vespula vulgaris                              |            |                             |
| K                      | i211              | Gemeine Wespe       | Vespula vulgaris                              | rVes v 1   | Phospholipase A1            |
| K                      | i209              | Gemeine Wespe       | Vespula vulgaris                              | rVes v 5   | Antigen 5                   |
| E                      | i1                | Honigbiene          | Apis mellifera                                |            |                             |
| K                      | i208              | Honigbiene          | Apis mellifera                                | nApi m 1   | Phospholipase A2            |
| K                      | i217              | Honigbiene          | Apis mellifera                                | rApi m 10  | Icarapin Variante 2         |
| E                      | i25               | Langkopfwespe       | Dolichovespula spp.                           |            |                             |
| E                      | i4                | Papierwespe         | Polistes dominulus                            |            |                             |
| K                      | i210              | Papierwespe         | Polistes dominulus                            | rPol d 5   | Antigen 5                   |

## Ei & Milch

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Komponente | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|----------------------------|------------|-----------------------------|
| E                      | f75               | Hühnereidotter      | Gallus domesticus          |            |                             |
| K                      | f510              | Hühnereidotter      | Gallus domesticus          | nGal d 5   | Serumalbumin                |
| E                      | f1                | Hühnereiweiss       | Gallus domesticus          |            |                             |
| K                      | f232              | Hühnereiweiss       | Gallus domesticus          | nGal d 2   | Ovalbumin                   |
| K                      | f233              | Hühnereiweiss       | Gallus domesticus          | nGal d 1   | Ovomucoid                   |
| K                      | f323              | Hühnereiweiss       | Gallus domesticus          | nGal d 3   | Ovotransferrin              |
| K                      | k208              | Hühnereiweiss       | Gallus domesticus          | nGal d 4   | Lysozym C                   |
| E                      | f506              | Kamelmilch          | Camelus dromedarius        |            |                             |
| E                      | f2                | Kuhmilch            | Bos domesticus             |            |                             |
| K                      | f76               | Kuhmilch            | Bos domesticus             | nBos d 4   | α-Lactalbumin               |
| K                      | f77               | Kuhmilch            | Bos domesticus             | nBos d 5   | β-Lactoglobulin             |
| K                      | f78               | Kuhmilch            | Bos domesticus             | nBos d 8   | Casein                      |
| E                      | f325              | Schafmilch          | Ovis aries                 |            |                             |
| E                      | f286              | Stutenmilch         | Equus caballus             |            |                             |
| E                      | f300              | Ziegenmilch         | Capra hircus               |            |                             |

## Fleisch

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Komponente | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|----------------------------|------------|-----------------------------|
| E                      | f526              | Heimchen            | Acheta domesticus          |            |                             |
| E                      | f83               | Huhn                | Gallus domesticus          |            |                             |
| E                      | f213              | Kaninchen           | Oryctolagus spp.           |            |                             |
| E                      | f88               | Lamm                | Ovis aries                 |            |                             |
| E                      | f527              | Mehlwurm            | Tenebrio molitor           |            |                             |
| E                      | f321              | Pferd               | Equus caballus             |            |                             |
| E                      | f27               | Rind                | Bos domesticus             |            |                             |
| K                      | e204              | Rind                | Bos domesticus             | nBos d 6   | Serumalbumin                |
| E                      | f26               | Schwein             | Sus domesticus             |            |                             |
| K                      | f530              | Schwein             | Sus domesticus             | rSus d 1   | Serumalbumin                |
| E                      | f284              | Truthahn            | Meleagris gallopavo        |            |                             |
| E                      | f553              | Wanderheuschrecke   | Locusta migratoria         |            |                             |

## Gemüse

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Komponente | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|----------------------------|------------|-----------------------------|
| E                      | f31               | Karotte             | Daucus carota              |            |                             |
| K                      | f507              | Karotte             | Daucus carota              | rDau c 1   | PR-10                       |
| E                      | f35               | Kartoffel           | Solanum tuberosum          |            |                             |
| E                      | f47               | Knoblauch           | Allium sativum             |            |                             |
| K                      | f417              | Sellerie            | Apium graveolens           | rApi g 1   | PR-10                       |
| K                      | f504              | Sellerie            | Apium graveolens           | rApi g 2   | nsLTP                       |
| K                      | f505              | Sellerie            | Apium graveolens           | rApi g 6   | nsLTP                       |
| E                      | f25               | Tomate              | Solanum lycopersicum       |            |                             |
| K                      | f520              | Tomate              | Solanum lycopersicum       | rSola l 6  | nsLTP                       |
| E                      | f48               | Zwiebel             | Allium cepa                |            |                             |

## Getreide & Samen

| Komponente/<br>Extrakt | Allergen-<br>code | Allergenquel-<br>le     | Wissenschaftlicher<br>Name     | Komponente        | Biochemische<br>Bezeichnung |
|------------------------|-------------------|-------------------------|--------------------------------|-------------------|-----------------------------|
| E                      | f305              | Bockshornkleesa-<br>men | Trigonella foenum-grae-<br>cum |                   |                             |
| E                      | f11               | Buchweizen              | Fagopyrum esculentum           |                   |                             |
| K                      | f508              | Buchweizen              | Fagopyrum esculentum           | nFag e 2          | 2S Albumin                  |
| E                      | f124              | Dinkel                  | Triticum spelta                |                   |                             |
| E                      | f6                | Gerste                  | Hordeum vulgare                |                   |                             |
| E                      | f7                | Hafer                   | Avena sativa                   |                   |                             |
| E                      | f55               | Hirse                   | Panicum miliaceum              |                   |                             |
| E                      | f226              | Kürbiskern              | Cucurbita pepo                 |                   |                             |
| E                      | f8                | Mais                    | Zea mays                       |                   |                             |
| K                      | f523              | Mais                    | Zea mays                       | rZea m 14         | nsLTP                       |
| E                      | f224              | Mohn                    | Papaver somniferum             |                   |                             |
| K                      | f516              | Mohn                    | Papaver somniferum             | nPap s 2S Albumin | 2S Albumin                  |
| E                      | f347              | Quinoa                  | Chenopodium quinoa             |                   |                             |
| E                      | f9                | Reis                    | Oryza sativa                   |                   |                             |
| E                      | f5                | Roggen                  | Secale cereale                 |                   |                             |
| E                      | f10               | Sesam                   | Sesamum indicum                |                   |                             |

|   |      |                   |                   |              |                                 |
|---|------|-------------------|-------------------|--------------|---------------------------------|
| K | f518 | Sesam             | Sesamum indicum   | nSes i 1     | 2S Albumin                      |
| E | k84  | Sonnenblumensamen | Helianthus annuus |              |                                 |
| K | f542 | Weizen            | Triticum aestivum | rTri a 14    | nsLTP                           |
| K | f543 | Weizen            | Triticum aestivum | rTri a 19    | Omega-5-Gliadin                 |
| K | f544 | Weizen            | Triticum aestivum | nTri a aA_TI | Alpha-Amylase Trypsin-Inhibitor |

## Gewürze

| Komponente/<br>Extrakt | Allergen-<br>code | Allergenquel-<br>le | Wissenschaftlicher<br>Name | Komponente | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|----------------------------|------------|-----------------------------|
| E                      | f271              | Anis                | Pimpinella anisum          |            |                             |
| E                      | f265              | Kümmel              | Carum carvi                |            |                             |
| E                      | f283              | Oregano             | Origanum vulgare           |            |                             |
| E                      | f218              | Paprika             | Capsicum annum             |            |                             |
| E                      | f86               | Petersilie          | Petroselinum crispum       |            |                             |
| E                      | f89               | Senf                | Brassica / Sinapis spp.    |            |                             |
| K                      | f519              | Senf                | Brassica / Sinapis spp.    | rSin a 1   | 2S Albumin                  |

## Hülsenfrüchte & Nüsse

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Komponente    | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|----------------------------|---------------|-----------------------------|
| E                      | f202              | Cashew              | Anacardium occidentale     |               |                             |
| K                      | f550              | Cashew              | Anacardium occidentale     | rAna o 2      | 11S Globulin                |
| K                      | f443              | Cashew              | Anacardium occidentale     | rAna o 3      | 2S Albumin                  |
| E                      | f12               | Erbse               | Pisum sativum              |               |                             |
| K                      | f422              | Erdnuss             | Arachis hypogea            | nAra h 1      | 7/8S Globulin               |
| K                      | f423              | Erdnuss             | Arachis hypogea            | rAra h 2      | 2S Albumin                  |
| K                      | f424              | Erdnuss             | Arachis hypogea            | nAra h 3      | 11S Globulin                |
| K                      | f447              | Erdnuss             | Arachis hypogea            | rAra h 6      | 2S Albumin                  |
| K                      | f352              | Erdnuss             | Arachis hypogea            | rAra h 8      | PR-10                       |
| K                      | f427              | Erdnuss             | Arachis hypogea            | rAra h 9      | nsLTP                       |
| K                      | f803              | Erdnuss             | Arachis hypogea            | rAra h 15     | Oleodin                     |
| E                      | f315              | Grüne Bohne         | Phaseolus vulgaris         |               |                             |
| K                      | f428              | Haselnuss           | Corylus avellana           | rCor a 1.0401 | PR-10                       |
| K                      | f425              | Haselnuss           | Corylus avellana           | rCor a 8      | nsLTP                       |
| K                      | f440              | Haselnuss           | Corylus avellana           | nCor a 9      | 11S Globulin                |
| K                      | f522              | Haselnuss           | Corylus avellana           | nCor a 11     | 7/8S Globulin               |



|   |      |              |                        |                   |                            |
|---|------|--------------|------------------------|-------------------|----------------------------|
| K | f439 | Haselnuss    | Corylus avellana       | rCor a 14         | 2S Albumin                 |
| E | f309 | Kichererbse  | Cicer arietinus        |                   |                            |
| E | f235 | Linse        | Lens culinaris         |                   |                            |
| E | f335 | Lupinensamen | Lupinus albus          |                   |                            |
| E | f345 | Macadamia    | Macadamia integrifolia |                   |                            |
| K | f513 | Macadamia    | Macadamia integrifolia | nMac i 2S Albumin | 2S Albumin                 |
| E | f20  | Mandel       | Prunus dulcis          |                   |                            |
| E | f18  | Paranuss     | Bertholletia excelsa   |                   |                            |
| K | f354 | Paranuss     | Bertholletia excelsa   | rBer e 1          | 2S Albumin                 |
| E | f201 | Pekannuss    | Carya illinoensis      |                   |                            |
| K | f531 | Pistazie     | Pistacia vera          | rPis v 1          | 2S Albumin                 |
| K | f532 | Pistazie     | Pistacia vera          | nPis v 2          | 11S Globulin Unter-einheit |
| K | f533 | Pistazie     | Pistacia vera          | nPis v 3          | 7/8S Globulin              |
| K | f353 | Soja         | Glycine max            | rGly m 4          | PR-10                      |
| K | f431 | Soja         | Glycine max            | rGly m 5          | 7/8S Globulin              |
| K | f432 | Soja         | Glycine max            | nGly m 6          | 11S Globulin               |
| K | f511 | Soja         | Glycine max            | nGly m 8          | 2S Albumin                 |
| K | f441 | Walnuss      | Juglans regia          | nJug r 1          | 2S Albumin                 |
| K | f512 | Walnuss      | Juglans regia          | nJug r 2          | 7/8S Globulin              |
| K | f539 | Walnuss      | Juglans regia          | rJug r 3          | nsLTP                      |
| K | f540 | Walnuss      | Juglans regia          | nJug r 4          | 11S Globulin               |
| K | f541 | Walnuss      | Juglans regia          | nJug r 6          | 7/8S Globulin              |

## Meeresfrüchte

| Komponente/<br>Extrakt | Allergen-<br>code | Allergenquel-<br>le | Wissenschaftlicher<br>Name | Komponen-<br>te | Biochemische<br>Bezeichnung        |
|------------------------|-------------------|---------------------|----------------------------|-----------------|------------------------------------|
| K                      | p10               | Anisakis simplex    | Anisakis simplex           | rAni s 1        | Kunitz Serin<br>Protease Inhibitor |
| K                      | p11               | Anisakis simplex    | Anisakis simplex           | rAni s 3        | Tropomyosin                        |
| E                      | f3                | Atlantischer Dorsch | Gadus morhua               |                 |                                    |
| K                      | f509              | Atlantischer Dorsch | Gadus morhua               | nGad m 1        | β-Parvalbumin                      |
| K-Mix                  | f805              | Atlantischer Dorsch | Gadus morhua               | nGad m 2&3      | β-Enolase & Aldolase               |
| E                      | f205              | Atlantischer Hering | Clupea harengus            |                 |                                    |
| K                      | f525              | Atlantischer Hering | Clupea harengus            | rClu h 1        | β-Parvalbumin                      |
| E                      | f290              | Auster              | Ostrea edulis              |                 |                                    |
| K                      | f517              | Black Tiger Shrimp  | Penaeus monodon            | rPen m 1        | Tropomyosin                        |
| K                      | f545              | Black Tiger Shrimp  | Penaeus monodon            | rPen m 2        | Arginin Kinase                     |

|   |      |                    |                                                                                 |                    |                                         |
|---|------|--------------------|---------------------------------------------------------------------------------|--------------------|-----------------------------------------|
| K | f552 | Black Tiger Shrimp | Penaeus monodon                                                                 | rPen m 3           | Myosin leichte Kette                    |
| K | f524 | Black Tiger Shrimp | Penaeus monodon                                                                 | rPen m 4           | Sarkoplasmatisches Ca-bindendes Protein |
| E | f515 | Eismeer Garnele    | Pandalus borealis                                                               |                    |                                         |
| E | f80  | Hummer             | Homarus gammarus                                                                |                    |                                         |
| E | f338 | Jakobsmuschel      | Pecten spp.                                                                     |                    |                                         |
| K | f355 | Karpfen            | Cyprinus carpio                                                                 | rCyp c 1           | β-Parvalbumin                           |
| E | f23  | Krabbe             | Chionoecetes spp.                                                               |                    |                                         |
| E | f41  | Lachs              | Salmo salar                                                                     |                    |                                         |
| K | f534 | Lachs              | Salmo salar                                                                     | rSal s 1           | β-Parvalbumin                           |
| E | f206 | Makrele            | Scomber scombrus                                                                |                    |                                         |
| K | f551 | Makrele            | Scomber scombrus                                                                | rSco s 1           | β-Parvalbumin                           |
| E | f37  | Miesmuschel        | Mytilus edulis                                                                  |                    |                                         |
| E | f535 | Nagelrochen        | Raja clavata                                                                    |                    |                                         |
| K | f536 | Nagelrochen        | Raja clavata                                                                    | rRaj c Parvalbumin | α-Parvalbumin                           |
| K | f529 | Nordseegarnele     | Crangon crangon                                                                 | rCra c 6           | Troponin C                              |
| K | f537 | Schwertfisch       | Xiphias gladius                                                                 | rXip g 1           | β-Parvalbumin                           |
| E | f24  | Shrimp Mix         | Litopaenaeus setiferus,<br>Farfantepenaeus aztecus,<br>Farfantepenaeus dourarum |                    |                                         |
| E | f40  | Thunfisch          | Thunnus albacares                                                               |                    |                                         |
| K | f538 | Thunfisch          | Thunnus albacares                                                               |                    | β-Parvalbumin                           |
| E | f258 | Tintenfisch        | Loligo spp.                                                                     |                    |                                         |
| E | f207 | Venusmuschel       | Ruditapes spp.                                                                  |                    |                                         |

## Obst

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Komponente          | Biochemische<br>Bezeichnung |
|------------------------|-------------------|---------------------|----------------------------|---------------------|-----------------------------|
| K                      | f434              | Apfel               | Malus domestica            | rMal d 1            | PR-10                       |
| K                      | f514              | Apfel               | Malus domestica            | nMal d 2            | TLP                         |
| K                      | f435              | Apfel               | Malus domestica            | rMal d 3            | nsLTP                       |
| E                      | f96               | Avocado             | Persea americana           |                     |                             |
| E                      | f92               | Banane              | Musa acuminata             |                     |                             |
| E                      | f94               | Birne               | Pyrus communis             |                     |                             |
| K-Mix                  | f44               | Erdbeere            | Fragaria ananassa          | rFra a 1 + rFra a 3 | PR-10 + LTP                 |
| E                      | f328              | Feige               | Ficus carica               |                     |                             |

|   |      |             |                     |           |                  |
|---|------|-------------|---------------------|-----------|------------------|
| E | f288 | Heidelbeere | Vaccinium myrtillus |           |                  |
| E | f242 | Kirsche     | Prunus spp.         |           |                  |
| K | f500 | Kiwi        | Actinidia deliciosa | nAct d 1  | Zystein Protease |
| K | f503 | Kiwi        | Actinidia deliciosa | nAct d 2  | TLP              |
| K | f501 | Kiwi        | Actinidia deliciosa | nAct d 5  | Kiwellin         |
| K | f502 | Kiwi        | Actinidia deliciosa | nAct d 10 | nsLTP            |
| E | f91  | Mango       | Mangifera indica    |           |                  |
| K | f528 | Melone      | Cucumis melo        | rCuc m 2  | Profilin         |
| E | f33  | Orange      | Citrus sinensis     |           |                  |
| E | f293 | Papaya      | Carica papaya       |           |                  |
| K | f420 | Pfirsich    | Prunus persica      | rPru p 3  | nsLTP            |
| K | f521 | Weintraube  | Vitis vinifera      | rVit v 1  | nsLTP            |

## Andere

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle    | Wissenschaftlicher<br>Name | Komponente  | Biochemische<br>Bezeichnung      |
|------------------------|-------------------|------------------------|----------------------------|-------------|----------------------------------|
| E                      | f45               | Bäckerhefe             | Saccharomyces cerevisiae   |             |                                  |
| E                      | k81               | Birkenfeige            | Ficus benjamina            |             |                                  |
| K                      | o214              | Hom s Lacto-<br>ferrin | Homo sapiens               | rHom s LF   | CCD                              |
| K                      | k215              | Latex                  | Hevea brasiliensis         | rHev b 1    | Rubber elongation<br>factor      |
| K                      | k217              | Latex                  | Hevea brasiliensis         | rHev b 3    | small rubber particle<br>protein |
| K                      | k218              | Latex                  | Hevea brasiliensis         | rHev b 5    | unbekannt                        |
| K                      | k220              | Latex                  | Hevea brasiliensis         | rHev b 6.02 | Pro-Hevein                       |
| K                      | k221              | Latex                  | Hevea brasiliensis         | rHev b 8    | Profilin                         |
| K                      | k224              | Latex                  | Hevea brasiliensis         | rHev b 11   | Class 1 Chitinase                |
| K                      | o100              | Taubenzecke            | Argas reflexus             | rArg r 1    | Lipocalin                        |

## Nur für Forschungszwecke – Research use only

| Komponente/<br>Extrakt | Allergen-<br>code | Allergen-<br>quelle | Wissenschaftlicher<br>Name | Komponente | Biochemische<br>Bezeichnung        |
|------------------------|-------------------|---------------------|----------------------------|------------|------------------------------------|
| K                      | RUO-e800          | Goldhamster         | Mesocricetus auratus       | rMes a 1   | Lipocalin                          |
| K                      | RUO-f800          | Haselnuss           | Corylus avellana           | rCor a 12  | Oleolin                            |
| K                      | RUO-t227          | Olive               | Olea Europaea              | rOle e 7   | nsLTP                              |
| K                      | RUO-f801          | Pfirsich            | Prunus persica             | rPru p 7   | Gibberellin-reguliertes<br>Protein |
| K                      | RUO-f804          | Pistazie            | Pistacia vera              | rPis v 4   | Mn Superoxid-Dismu-<br>tase        |