

Table 1. Target List of RayBio® Allergen Protein Array

Serial #	Allergen Names	Type	Complete Protein Name	Species - Scientific Name
1	Act c 1	Foods	Actinidain	Actinidia chinensis
2	Act c 2	Foods	Thaumatococcus-like protein	Actinidia chinensis
3	Alt a 1	Fungi (moulds)	Major allergen Alt a 1	Alternaria alternata
4	Ana c 2	Foods	Stem bromelain	Ananas comosus
5	Ara h 1	Foods	Allergen Ara h 1, clone P17	Arachis hypogaea
6	Ara h 2	Foods	Conglutin-7	Arachis hypogaea
7	Ara h 3	Foods	Glycinin	Arachis hypogaea
8	Ara h 6	Foods	Homolog: conglutin	Arachis hypogaea
9	Art v 3	Weed Pollen	Pollen allergen Art v 3	Artemisia vulgaris
10	Asp f 1	Fungi (moulds)	Ribonuclease mitogillin	Aspergillus fumigatus
11	Bla g 5	Insects	Glutathione transferase	Blattella germanica
12	Bla g 6	Insects	Troponin C	Blattella germanica
13	Bos d 6	Foods	Serum albumin	Bos taurus (Bovine)
14	Can f 1	Animals	Dog 1 allergen	Canis lupus familiaris
15	Cas s 8	Tree Pollen	Non-specific lipid-transfer protein 1	Castanea sativa
16	Che a 2	Weed Pollen	Profilin	Chenopodium album
17	Che a 3	Weed Pollen	Polcalcin	Chenopodium album
18	Cla h 5	Fungi (moulds)	Heat shock 70 k	Cladosporium herbarum mold
19	Cla h 8	Fungi (moulds)	Mannitol dehydrogenase	Cladosporium herbarum mold
20	Cor a 14	Foods	2S albumin	Corylus avellana
21	Cor a 9	Foods	11S globulin-like protein	Corylus avellana
22	Cte f 1	Insects	Salivary antigen 1; FS-I	Ctenocephalides felis
23	Cuc m 2	Foods	Serine protease	Cucumis melo
24	Der f 2	Mites	Cysteine protease	Dermatophagoides farinae
25	Der p 1	Mites	Cysteine protease	Dermatophagoides pteronyss
26	Der p 2	Mites	NPC2 family	Dermatophagoides pteronyss
27	Fel d 1	Animals	Cat-1; AG4	Felis catus
28	Fus c 1	Fungi (moulds)	Ribosomal protein P2	Fusarium culmorum
29	Gly d 2	Mites		Glycyphagus domesticus
30	Jug r 1	Foods	2S albumin	Juglans regia
31	Jug r 2	Foods	Vicilin	Juglans regia
32	Jug r 3	Foods	Lipid-transfer protein	Juglans regia
33	Jug r 4	Foods	11S globulin seed storage protein	Juglans regia
34	Lep d 2	Mites		Lepidoglyphus destructor
35	Mal d 2	Foods	Thaumatococcus-like protein	Malus domestica
36	Mal d 3	Foods	Lipid-transfer protein	Malus domestica
37	Mus a 4	Foods	Thaumatococcus-like protein	Musa acuminata
38	Mus m 1	Animals	Major urinary protein II	Mus musculus
39	Pen c 3	Fungi (moulds)	Peroxisomal membrane protein	Penicillium citrinum
40	Pen n 13	Fungi (moulds)	Serine protease	Penicillium chrysogenum
41	Per a 1	Insects	Cr-P11	Periplaneta americana
42	Phl p 1	Grass Pollen	I-beta-galactosidase fusion protein	Phleum pratense
43	Phl p 12	Grass Pollen	Profilin	Phleum pratense
44	Pho d 2	Tree Pollen	Profilin	Phoenix dactylifera
45	Pru p 2.2	Foods	Thaumatococcus-like protein	Prunus dulcis x Prunus persica
46	Pru p 3	Foods	Non-specific lipid-transfer protein	Prunus persica
47	Rat n 1	Animals	Major urinary protein (MUP)	Rattus norvegicus
48	Tri a 14	Foods	Non-specific lipid-transfer protein	Triticum aestivum