

[Back to article](#)**Table S1.** The list of 92 food items from which food protein antigens were prepared

Food extract	Label	Food extract	Label	Food extract	Label	Food extract	Label
Apricot	1	Coconut	24	Lemon	47	Peas	70
Amaranth	2	Rabbit	25	Pork	48	Chicken	71
Cashew nut	3	Green beans	26	Corn	49	Tomato	72
Pineapple	4	Bean	27	Mandarin	50	Grapefruit	73
Peanut	5	Emmer	28	Almond	51	Prune	74
Orange	6	Broad bean	29	Beef	52	Quinoa	75
Asparagus	7	Fennel	30	Apple	53	Ricotta	76
Oat	8	Strawberry	31	Eggplant	54	Rice	77
Avocado	9	Champignon mushroom	32	Melon	55	Salmon	78
Salted cod	10	Shrimp	33	Cod	56	Rye	79
Banana	11	Gorgonzola	34	Honey	57	Mackerel	80
Chard	12	Grana Padano	35	Blueberry	58	Sole	81
European bass	13	Durum wheat	36	Mozzarella cheese	59	Soy	82
Broccoli	14	Buckwheat	37	Hazelnut	60	Spinach	83
Cocoa	15	Wheat	38	Walnut	61	Turkey	84
Coffee	16	Kamut	39	Gilthead bream	62	Tuna	85
Artichoke	17	Kiwi	40	Barley	63	Trout	86
Carrot	18	Raspberry	41	Parmesan cheese	64	Egg	87
Cauliflower	19	Goat's milk	42	Potato	65	Cabbage	88
Chickpea	20	Cow's milk	43	Pecorino cheese	66	Veal	89
Cucumber	21	Lettuce	44	Peppers	67	Pumpkin	90
Chicory	22	Lentils	45	Pear	68	Zucchini	91
Onion	23	Brewer's yeast	46	Fishing	69	Gluten	92

[Back to article](#)**Table S2.** The mean values derived from the sum of the IgG reactivity for the 14 highly reactive foods shown in [Fig. 3](#) are presented according to the age group. The coefficient variation (CV) and the significance of differences compared to the 0–18 age group is also shown. The linear regression of the mean values of the IgG reactivity for the seven age groups (from 0–18 years=group 1 to >70 years=group 7) is also presented, with the corresponding equation and R² value given in [Fig. S2](#)

Parameter	Age group/year						
	0–18	18–29	30–39	40–49	50–59	60–69	>70
Mean value	24.7	21.4	19.1	17.5	17.4	14.6	11.9
CV/%	23.6	24.4	26.8	26.9	26.4	24.6	32.2
p-value		0.80639	0.03660	0.00193	0.00164	0.00001	0.00000

[Back to article](#)

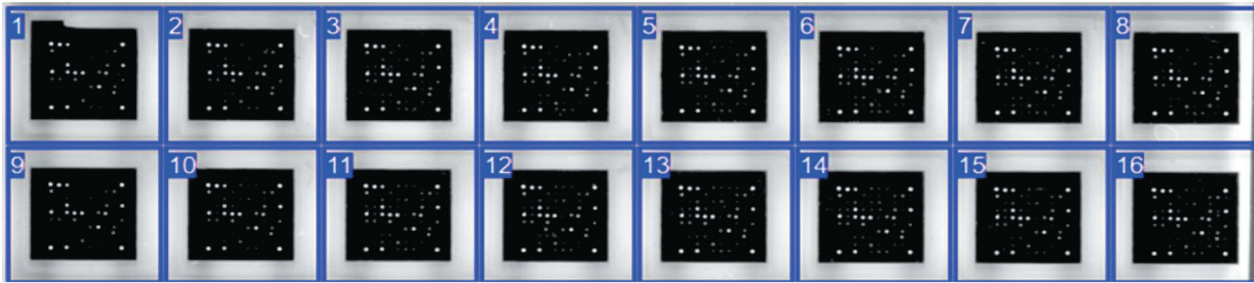


Fig. S1. An example of the produced microarray chip consisting of 16 pads, each bearing the 92 food antigens, is shown. Four positive controls are located at the four corners of each pad, with one negative control and increasing concentrations of IgG standard spots visible in the top left corner of each pad

[Back to article](#)

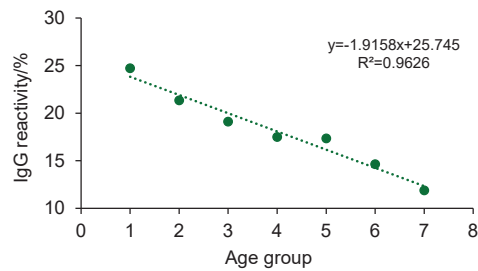


Fig. S2. The linear regression of the mean values of the IgG reactivity for the seven age groups (from 0–18 years=group 1 to >70 years=group 7) (see [Table S2](#)) is shown with the corresponding equation and R2 value