

SUPPLEMENTARY MATERIAL

Table 1S: The new allergenic proteins identified and similar allergens reported in other sources

Allergenic flaxseed proteins identified in this case report (air way exposure)	Other source of similar allergens			
<i>Biochemical name</i>	<i>Molecular weight</i>	<i>Species</i>	<i>Allergen</i>	<i>Route of allergenes exposure</i>
Cupin (Legumin, 11S globulin seed storage protein 48-kDa glycoprotein precursor)	61 kDa	Actinidia deliciosa (Green Kiwi fruit)	Act d 12,	Food
		Arachis hypogaea (Peanut, groundnut)	Ara h 1, Arah 3	Food
		Anacardium occidentale (Cashew)	Ana o 2	Food
		Carya illinoensis (Pecan)	Car i 4	Food
		Corylus avellana (Hazelnut)	Cor a 9	Food
		Glycine max (Soybean)	Gly m 6	Food
		Juglans nigra (Black walnut)	Jug n 4	Food
		Juglans regia (English walnut)	Jug r 4	Food
		Macadamia integrifolia (Macadamia)	Mac i 2	Food
			Pap s 2	

		Papaver somniaferum (Opium poppy)	Pru du 6	Food Food
		Prunus dulcis (Almond)	Sin a 2	Food
		Sinapis alba (Yellow mustard)		
		Zanthoxylum bungeanum (Sichuan pepper)	Zan b 2	Food
		Bertholletia excelsa (Brazil nut)	Ber e 2	Food
		Sinapis alba (Yellow mustard)	Sin a 2	Food
		Zanthoxylum bungeanum (Sichuan pepper)	Zan b 2	Food
Alanine-glyoxalate Aminotransferase2	51 kDa	NR	NR	NR
Beta glucosidase	79kDa	Hevea brasiliensis (Para rubber tree , Latex)	Hev b 2	Contact
Chaperonin (Heat shock protein)	61 kDa 72 kDa	Aedes Aegypti (yellow fevermosquito)	Aed a 8	Injection
			Alt a 3	Airway
		Alternaria Alternata	Asp f 12	Airway
		Aspergillus fumigatus	Der f 28	Airway
		Dermatofagoides farinae	Der p 28	Airway

		Dermatofagoides pteronissinus (European house Dust Mite)	Mala s 10	Contact
		Malassezia sympodialis (Skin-colonizing yeast)	Pen c 19	Airway
		Penicillium citrinum	Tyr p 28	Airway
		Tyrophagus putrescentiae (Storage mite)		
ATP-dependent CLP protease	109 kDa	NR	NR	NR
Aconitate hydratase	109 kDa	NR	NR	NR
Oxoglutarate dehydrogenase	116 kDa	NR	NR	NR

NR: Not Reported;