

Table S4. Influence of the IgE sensitization to rBet v 1 and at least 1 profilin (rBet v 2 and/or rPhl p 12) on the phenotype of the 3 groups of pollen-allergic patients. Abbreviation: BPA, birch pollen-allergic population; GPA, grass pollen-allergic population; MPA, mixed (birch/grass) pollen-allergic population; OAS, oral allergy syndrome, PFAS, Pollen-related food allergy syndrome. Positive sensitization was defined by a level of sIgE >0.35 kUA/L (ImmunoCAP™ assay). Age and sIgE results are expressed by median [25-75 interquartile range] values. Significant p-value (p≤0.05) are presented in bold font. Statistical analysis was performed with Fisher's exact and Kruskal-Wallis or Mann-Whitney U tests.

	rBet v 1 (+), rBet v 2 and rPhl p 12 (-)				rBet v 1 (+), ≥1 profilin(s) (+)			rBet v 1 (-), ≥1 profilin(s) (+)			rBet v 1 and 2 profilins (-)	
	n = 43				n = 13			n = 5			n = 13	
	BPA	GPA	MPA	p	GPA	MPA	p	GPA	MPA	p	GPA	
n=74	10	10	23		5	8		3	2		13	
n (%)	(23.3)	(23.3)	(53.4)		(38.5)	(61.5)		(60)	(40)			
Median age	40.8	28.6	36.9		39.9	28.5		31.6	18.9		17.6	
	[35.5-53.4]	[22.5-31.3]	[28.8-41.5]	NS	[21.5-41.5]	[22-39.4]	NS	[28.6-35.1]	[13.9-23.8]	NS	[13.8-35.8]	
Rhinitis												
n (%)	9 (90)	10 (100)	23 (100)		5 (100)	8 (100)		3 (100)	2 (100)		13 (100)	
Severity (Aria):												
Light intermittent	1 (11)	3 (30)	3 (13)	NS	0	2 (25)		0	0		0	
Moderate-severe intermittent	0	1 (10)	2 (9)		1 (20)	1 (13)		0	0		4 (31)	
				<0.05			NS				NS	
Light persistent	0	1 (10)	1 (4)		0	0		0	0		1 (8)	
Moderate-severe persistent	8 (89)	5 (50)	17 (74)		4 (80)	5 (63)		3	2		8 (62)	
Asthma												
n (%)	9 (90)	3 (30)	15 (65)		2 (40)	5 (63)		1 (33.3)	1 (50)		7 (54)	
Severity (GINA):				<0.05			NS				NS	
1	3 (33)	2 (67)	7 (47)		1 (50)	5 (100)		1	1		5 (72)	
2	4 (45)	1 (33)	7 (47)	NS	0	0		0	0	NA	1 (14)	
3	1 (11)	0	0		1 (50)	0	NS	0	0		1 (14)	
4	0	0	1 (7)		0	0		0	0		0	
Unknown	1 (11)											
PFAS												
n (%)	8 (80)	4 (40)	17 (74)	NS	4 (80)	7 (87.5)	NS	1 (33.3)	1 (50)	NS	1 (7.7)	
Symptoms:												
OAS	8 (100)	4 (100)	16 (94)	NS	4 (100)	7 (100)	NS	0	1 (100)	NS	1 (100)	
Other digestive	1 (13)	1 (25)	4 (24)	NS	0	1 (14)	NS	1 (100)	0	NS	0	
Respiratory	4 (50)	0	4 (24)	<0.05	0	0	NS	0	0	NA	0	

Contact										
urticaria	3 (38)	1 (25)	4 (24)	NS	0	1 (14)	0	0	NA	0