

Table S1: Characteristics of blood donors included into the study

	Healthy donors	Asthmatic patients	<i>p</i> values
Sex (F/M)	21/40 [60%]	6/22 [27.2%]	<i>p</i> =0.055
Mean age (year)	26.72 ± 0.45	25.13 ± 1.18	<i>p</i> =0.141
range	23-35	19-35	
Duration of asthma (y)	NA	12.8 ± 1.47	
Atopy	0/40	22/22	
Allergy to Der p 1	0/40	19/22	
Treatment	None	Allergic donors refrained for 4 days before blood collection from oral antihistaminic drugs or leukotriene receptor agonists, but were maintained on routine inhaled corticosteroids, no patient was undergoing allergen-specific immunotherapy or took oral corticosteroid treatment at the time of the study	
SPT [mm]	NA	3-12mm	
Total IgE (kU/l)	<20	256.8 ± 48	
IgE anti-Der p 1 (kU/l)	<0.35	18.9 ± 4.8	

Data are presented as n or mean ± SEM. Y, year; SPT, Skin Prick test; NA, non applicable;; Der p 1, *Dermatophagoides pteronyssinus* allergen 1.