CLINICS-D-26-00972_Supplementary Material

Supplementary Table S1 Comprehensive list of allergens tested, with standardized nomenclature, common names, scientific names, and ImmunoCAP codes.

Standardized Name (This Study)	Common / Variant Names Encountered	Scientific Name (Species)	Allergen Type	ImmunoCAP Allergen Code (Example)	Notes / Clarification
INHALANT ALLERGENS					
Artemisia argyi	Mugwort, Artemisia annua	Artemisia argyi	Pollen (Weed)	w231	Predominant mugwort species in Northwest China.
Humulus scandens	Humulus, Japanese hop	Humulus scandens	Pollen (Weed)	w203	Common regional weed pollen.
Platanus spp.	Platanus, Plane tree	Platanus acerifolia (common)	Pollen (Tree)	t7	Common urban tree pollen.
Timothy grass	Pasture, Grass, Forage grass	Phleum pratense	Pollen (Grass)	g6	Representative of common grass pollen mix.
Ragweed	–	Ambrosia artemisiifolia	Pollen (Weed)	w1	
Bermuda grass	Bermudagrass	Cynodon dactylon	Pollen (Grass)	g2	
House dust mite (D. pteronyssinus)	Acaroid mite, Claw mite, Claw free mite	Dermatophagoides pteronyssinus	Indoor (Mite)	d1	Major household mite allergen.
House dust mite (D. farinae)	Acaroid mite, Claw mite	Dermatophagoides farinae	Indoor (Mite)	d2	Major household mite allergen.
Cat dander	Cat hair	Felis domesticus	Animal	e1	
Dog dander	Dog hair	Canis familiaris	Animal	e5	
German cockroach	Cockroach	Blattella germanica	Insect	i6	

Aspergillus fumigatus	–	Aspergillus fumigatus	Mold (Fungus)	m3	
Candida albicans	–	Candida albicans	Yeast (Fungus)	m5	
FOOD ALLERGENS					
Egg white	Egg	Gallus domesticus	Food	f1	
Cow's milk	Milk	Bos domesticus	Food	f2	
Peanut	–	Arachis hypogaea	Food	f13	
Shrimp	–	Penaeus spp.	Food	f24	
Crab	–	Charybdis spp.	Food	f23	
Wheat	–	Triticum aestivum	Food	f4	
Soybean	Soy	Glycine max	Food	f14	
Almond	–	Prunus dulcis	Food	f20	

Note: Nomenclature is standardized according to the ImmunoCAP system (Thermo Fisher Scientific). 'Common/Variant Names Encountered' are included for reference but were harmonized to the 'Standardized Name' for all analyses.