

Supplemental Material

Supplemental Table S1: Age at fecal sampling and distribution of IgE-mediated conditions diagnosed during 1st year of life. C, C-section ; d, day ; v, vaginal delivery; w, weeks.

[illegible]

Supplemental Table S2. Complete list of multiplexed allergens (whole allergens and molecules) assessed in the study.

Aca m	Blag 1	Cor a_pollen	Gal d_white	Ori v	Pop n
Aca s	Blag 2	Cra c 6	Gal d_yolk	Ory c 1	Pru av
Ach d	Blag 4	Cry j 1	Gly d 2	Ory c 2	Pru du
Act d 1	Blag 5	Cuc m 2	Gly m 4	Ory c 3	Pru p 3
Act d 10	Blag 9	Cuc p	Gly m 5	Ory s	Pru p 7
Act d 2	Blo t 10	Cup a 1	Gly m 6	Ory_meat	Pyr c
Act d 5	Blo t 21	Cup s	Gly m 8	Ost e	Raj c
Ail a	Blo t 5	Cyn d	Hel a	Ovi a_epithelia	Raj c Parvalbumin
All c	Bos d 2	Cyn d 1	Hev b 1	Ovi a_meat	Rat n
All s	Bos d 4	Cyp c 1	Hev b 11	Ovi a_milk	Rud spp.
Aln g 1	Bos d 5	Dau c	Hev b 3	Pan b	Sac c
Aln g 4	Bos d 6	Dau c 1	Hev b 5	Pan m	Sal k
Alt a 1	Bos d 8	Der f 1	Hev b 6.02	Pap s	Sal k 1
Alt a 6	Bos d_meat	Der f 2	Hev b 8	Pap s 2S Albumin	Sal s
Ama r	Bos d_milk	Der p 1	Hom g	Par j	Sal s 1
Amb a	Bro pa	Der p 10	Hom s LF	Par j 2	Sco s
Amb a 1	Cam d	Der p 11	Hor v	Pas n	Sco s 1
Amb a 4	Can f 1	Der p 2	Jug r 1	Pec spp.	Sec c_flour
Ana o	Can f 2	Der p 20	Jug r 2	Pen ch	Sec c_pollen
Ana o 2	Can f 3	Der p 21	Jug r 3	Pen m 1	Ses i
Ana o 3	Can f 4	Der p 23	Jug r 4	Pen m 2	Ses i 1
Ani s 1	Can f 6	Der p 5	Jug r 6	Pen m 3	Sin
Ani s 3	Can f_Fd1	Der p 7	Jug r_pollen	Pen m 4	Sin a 1
Api g 1	Can f_male urine	Dol spp	Jun a	Per a	Sol spp.
Api g 2	Can s	Equ c 1	Len c	Per a 7	Sol t
Api g 6	Can s 3	Equ c 3	Lep d 2	Pers a	Sola l
Api m	Cap a	Equ c 4	Lit s	Pet c	Sola l 6
Api m 1	Cap h_epithelia	Equ c_meat	Loc m	Pha v	Sus d 1
Api m 10	Cap h_milk	Equ c_milk	Lol p 1	Phl p 1	Sus d_epithelia
Ara h 1	Car c	Fage	Lol spp.	Phl p 12	Sus d_meat
Ara h 15	Car i	Fage 2	Lup a	Phl p 2	Ten m
Ara h 2	Car p	Fag s 1	Mac i 2S Albumin	Phl p 5.0101	Thu a
Ara h 3	Cav p 1	Fel d 1	Mac inte	Phl p 6	Thu a 1
Ara h 6	Che a	Fel d 2	Mal d 1	Phl p 7	Tri a 14
Ara h 8	Che a 1	Fel d 4	Mal d 2	Pho d 2	Tri a 19
Ara h 9	Che q	Fel d 7	Mal d 3	Phod s 1	Tri a aA_TI
Arg r 1	Chi spp.	Fic b	Mala s 11	Phr c	Tri fo
Art v	Cic a	Fic c	Mala s 5	Pim a	Tri s
Art v 1	Cit s	Fra a 1+3	Mala s 6	Pis s	Tyr p
Art v 3	Cla h	Fra e	Man i	Pis v 1	Tyr p 2
Asp f 1	Cla h 8	Fra e 1	Mel g	Pis v 2	Ulm c
Asp f 3	Clu h	Gad m	Mer a 1	Pis v 3	Urt d
Asp f 4	Clu h 1	Gad m 1	Mes a 1	Pis v 4	Vac m
Asp f 6	Cor a 1.0103	Gad m 2+3	Mor r	Pla a 1	Ves v
Ave s	Cor a 1.0401	Gal d 1	Mus a	Pla a 2	Ves v 1
Ber e	Cor a 11	Gal d 2	Mus m 1	Pla a 3	Ves v 5
Ber e 1	Cor a 12	Gal d 3	Myt e	Pla l	Vit v 1
Bet v 1	Cor a 14	Gal d 4	Ole e 1	Pla l 1	Xip g 1
Bet v 2	Cor a 8	Gal d 5	Ole e 7	Pol d	Zea m
Bet v 6	Cor a 9	Gal d_meat	Ole e 9	Pol d 5	Zea m 14
