

Table S1. Demographic, serological and clinical characteristics of cat-sensitized patients and their IgE reactivity profiles to individual cat allergen molecules

Patients			ImmunoCAP	Cat related symptoms					Other allergy				ImmunoCAP (kUA/L)								Sum Fel d	Total IgE	% of total							
#	Sex	Age	IgE (e1) kUA/L	respiratory	asthma	rhinitis	conj.	dermat.	dust	pet	pollen	food*	Fel d 1	Fel d 2	Fel d 3	Fel d 4	Fel d 6	Fel d 7	Fel d 8	Sum	1+4+7		Fel d 1	Fel d 2	Fel d 3	Fel d 4	Fel d 6	Fel d 7	Fel d 8	
1	1	12	11.00	1	0	1	n.d.	n.d.	n.d.	1,2	1	1	13.30	0.00	0.76	2.50	0.00	0.79	1.06	18.41	16.59	324.44	4.10	0.00	0.23	0.77	0.00	0.24	0.33	
2	1	10	0.39	0	0	0	n.d.	n.d.	n.d.	1,2	1	0	0.56	0.01	0.00	0.01	0.01	0.00	0.01	0.60	0.57	402.93	0.14	0.00	0.00	0.00	0.00	0.00	0.00	
3	1	16	6.20	1	1	1	n.d.	n.d.	n.d.	1,2	1	1	7.70	0.04	0.07	0.08	0.04	0.24	0.04	8.21	8.02	593.26	1.30	0.01	0.01	0.01	0.01	0.04	0.01	
4	2	16	7.40	1	0	1	n.d.	n.d.	n.d.	1	1	1	8.83	0.02	0.30	2.35	0.03	1.60	0.78	13.91	12.78	712.24	1.24	0.00	0.04	0.33	0.00	0.22	0.11	
5	1	12	57.00	1	1	1	n.d.	n.d.	n.d.	1,2	1	1	72.10	0.04	1.36	12.40	0.10	0.03	3.17	89.20	84.53	946.99	7.61	0.00	0.14	1.31	0.01	0.00	0.33	
6	1	14	0.19	0	0	0	n.d.	n.d.	n.d.	1	1	1	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.08	0.08	180.05	0.00	0.00	0.00	0.00	0.00	0.04	0.00	
7	2	10	6.20	1	0	1	n.d.	n.d.	n.d.	1,2,3	1	1	0.01	0.78	1.48	17.70	0.04	22.20	2.97	45.18	39.91	528.58	0.00	0.15	0.28	3.35	0.01	4.20	0.56	
8	1	12	0.76	0	0	0	n.d.	n.d.	n.d.	1	1	0	1.16	0.00	0.00	0.00	0.00	0.00	0.00	1.16	1.16	40.83	2.84	0.00	0.00	0.00	0.00	0.00	0.00	
9	1	10	48.00	1	0	1	n.d.	n.d.	n.d.	1	1	0	59.10	0.01	0.01	0.01	0.02	0.01	0.01	59.17	59.12	417.35	14.16	0.00	0.00	0.00	0.00	0.00	0.00	
10	1	15	2.70	1	1	1	n.d.	n.d.	n.d.	1	0	0	0.27	0.00	0.18	3.44	0.43	5.50	0.34	10.16	9.21	197.46	0.14	0.00	0.09	1.74	0.22	2.79	0.17	
11	1	10	13.00	1	0	1	n.d.	n.d.	n.d.	1	1	1	21.50	0.06	0.05	0.32	0.05	0.56	0.09	22.63	22.38	777.48	2.77	0.01	0.01	0.04	0.01	0.07	0.01	
12	1	15	9.50	0	0	0	n.d.	n.d.	n.d.	1,3	1	1	8.43	0.78	0.39	1.20	0.03	5.29	0.68	16.80	14.92	503.64	1.67	0.15	0.08	0.24	0.01	1.05	0.14	
13	2	16	19.00	1	1	1	n.d.	n.d.	n.d.	1,2	1	1	24.00	0.05	1.75	4.01	0.07	0.03	2.73	32.64	28.04	730.35	3.29	0.01	0.24	0.55	0.01	0.00	0.37	
14	2	14	2.10	1	1	0	n.d.	n.d.	n.d.	1	1	1	0.33	0.23	0.23	0.39	0.04	0.03	0.33	1.58	0.75	1354.60	0.02	0.02	0.02	0.03	0.00	0.00	0.02	
15	1	12	2.80	0	0	0	n.d.	n.d.	n.d.	1	1	0	0.03	2.45	1.10	8.04	0.04	0.35	2.14	14.15	8.42	520.79	0.01	0.47	0.21	1.54	0.01	0.07	0.41	
16	1	10	11.00	0	0	0	n.d.	n.d.	n.d.	1	1	1	0.09	0.05	0.39	12.90	0.05	52.50	0.94	66.92	65.49	898.63	0.01	0.01	0.04	1.44	0.01	5.84	0.10	
17	2	16	4.40	1	1	1	n.d.	n.d.	n.d.	1	1	0	8.82	0.00	0.00	0.01	0.00	0.00	0.00	8.83	8.83	197.87	4.46	0.00	0.00	0.01	0.00	0.00	0.00	
18	1	15	2.20	0	0	0	n.d.	n.d.	n.d.	1,2	1	1	2.66	0.00	0.08	0.26	0.00	0.11	0.12	3.23	3.03	181.06	1.47	0.00	0.04	0.14	0.00	0.06	0.07	
19	2	14	7.20	0	0	0	n.d.	n.d.	n.d.	1,2	0	0	0.02	0.00	4.12	9.52	0.00	1.41	6.48	21.55	10.95	257.34	0.01	0.00	1.60	3.70	0.00	0.55	2.52	
20	2	10	0.67	0	0	0	n.d.	n.d.	n.d.	1	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	262.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	1	10	1.40	1	0	1	n.d.	n.d.	n.d.	0	1	0	2.75	0.03	0.02	0.03	0.16	0.02	0.04	3.05	2.80	781.19	0.35	0.00	0.00	0.00	0.02	0.00	0.01	
22	1	12	11.00	1	0	1	n.d.	n.d.	n.d.	1,2	1	1	26.00	0.32	0.07	0.51	0.01	0.50	0.17	27.58	27.01	414.42	6.27	0.08	0.02	0.12	0.00	0.12	0.04	
23	1	12	47.00	0	0	0	n.d.	n.d.	n.d.	0	0	0	57.10	0.00	2.09	6.36	0.01	0.00	4.08	69.64	63.46	144.23	39.59	0.00	1.45	4.41	0.01	0.00	2.83	
24	2	11	120.00	1	1	1	n.d.	n.d.	n.d.	1,2	0	0	136.00	0.00	0.02	0.01	0.01	5.54	0.01	141.59	141.55	250.35	54.32	0.00	0.01	0.00	0.00	2.21	0.00	
25	1	11	7.70	1	0	1	n.d.	n.d.	n.d.	1,3	1	1	13.20	0.04	0.06	1.34	0.03	2.98	0.18	17.83	17.52	755.63	1.75	0.01	0.01	0.18	0.00	0.39	0.02	
26	2	12	39.00	1	0	1	n.d.	n.d.	n.d.	1,2,3	1	1	48.30	0.03	0.87	1.45	0.05	22.30	1.52	74.52	72.05	502.10	9.62	0.01	0.17	0.29	0.01	4.44	0.30	
27	1	11	840.00	1	0	1	n.d.	n.d.	n.d.	1,2	1	1	751.00	45.80	30.00	314.00	28.40	546.00	54.88	1770.08	1611.00	2698.17	27.83	1.70	1.11	11.64	1.05	20.24	2.03	
28	1	15	12.00	1	0	1	n.d.	n.d.	n.d.	1	1	1	17.70	0.00	0.01	0.23	0.00	0.00	0.03	17.97	17.93	168.84	10.48	0.00	0.01	0.14	0.00	0.00	0.02	
29	1	15	590.00	1	0	1	n.d.	n.d.	n.d.	1,2	1	0	342.00	446.00	9.35	67.50	30.40	83.80	16.90	995.95	493.30	1365.01	25.05	32.67	0.68	4.95	2.23	6.14	1.24	
30	2	13	12.00	0	0	0	n.d.	n.d.	n.d.	1,2	1	1	15.50	0.09	0.09	0.45	0.11	0.32	0.12	16.68	16.27	2482.53	0.62	0.00	0.00	0.02	0.00	0.01	0.00	
31	2	16	0.63	0	0	0	n.d.	n.d.	n.d.	0	1	1	1.03	0.11	0.11	0.11	0.13	0.07	0.14	1.70	1.21	3592.90	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
32	2	11	52.00	0	0	0	n.d.	n.d.	n.d.	1	1	0	101.50	0.01	0.00	0.01	0.02	4.78	0.01	106.33	106.29	360.47	28.16	0.00	0.00	0.00	0.01	1.33	0.00	
33	2	15	5.60	1	0	1	n.d.	n.d.	n.d.	1,2	1	0	7.27	0.00	0.00	0.00	0.00	0.12	0.00	7.39	7.39	46.89	15.50	0.00	0.00	0.00	0.00	0.26	0.00	
34	1	13	49.00	1	0	1	n.d.	n.d.	n.d.	2	1	0	81.20	0.04	0.03	0.17	0.03	10.70	0.06	92.23	92.07	778.28	10.43	0.01	0.00	0.02	0.00	1.37	0.01	
35	1	16	7.70	1	1	1	n.d.	n.d.	n.d.	1,2,3	1	0	10.90	0.02	0.02	0.02	0.10	0.94	0.02	12.02	11.86	282.48								