

**Supplementary Table 1. Clinical characteristics of asthmatic patients at baseline and follow-up.**

Patient	Sex	Age	Ethnicity	FeNO baseline	IgE total (kU/L) baseline	Peripheral blood eosinophils (n° cell/mm <sup>3</sup> )	Atopy	Atopic dermatitis	ACT baseline	ACT follow-up	FEV1% baseline	FEV1% follow-up	Time between serum samples (months)
1	F	45	Caucasic	63.3	171.0	600.0	Yes	Yes	24	21	107.8	102.1	6
2	M	43	Hispanic	NA	NA	NA	Yes	No	23	23	103.0	98.0	6
3	F	45	Hispanic	5.8	36.4	252.0	No	No	18	19	88.0	94.0	12
4	F	46	Caucasic	71.0	406.0	600.0	Yes	No	20	22	86.0	83.6	12
5	F	72	Caucasic	45.0	3727.0	NA	Yes	No	NA	NA	NA	85.4	6
6	F	51	Hispanic	43.6	18.6	NA	Yes	No	18	15	80.0	70.0	6
7	F	44	Caucasic	16.8	59.0	NA	Yes	No	21	21	118.4	108.7	12
8	M	35	Caucasic	19.3	1248.0	1.6	Yes	No	22	23	94.0	92.0	12
9	F	37	Caucasic	30.4	238.0	2.0	Yes	No	NA	NA	96.3	98.0	12
10	F	41	Hispanic	44.3	1339.0	300.0	Yes	No	24	18	94.0	75.0	6
11	F	45	Hispanic	8.0	82.7	200.0	Yes	No	25	24	106.8	114.0	6
12	F	53	Hispanic	72.1	166.0	300.0	Yes	No	25	25	99.8	106.0	12
13	F	34	Hispanic	32.6	78.5	300.0	Yes	Yes	12	17	94.0	93.5	12
14	F	45	Caucasic	75.9	86.1	6.8	Yes	No	25	24	118.0	110.0	12
15	M	42	Caucasic	30.9	209.0	25.8	Yes	No	22	22	87.0	84.4	6
16	F	41	Hispanic	98.0	52.2	500.0	Yes	No	23	23	79.0	117.6	6
17	F	31	Caucasic	23.7	67.9	8.8	No	No	16	17	80.7	89.0	12
18	F	51	Hispanic	36.4	71.9	100.0	Yes	No	20	21	96.0	97.0	12
19	F	61	Caucasic	60.3	170.0	11.4	No	No	25	24	106.0	115.0	6
20	F	42	Hispanic	38.9	102.0	200.0	Yes	No	17	16	120.8	117.5	12
<b>Mean±SD</b>		45.2±9.3		42.9±24.9	438.4±881.6	213.02±211.1			21.1±3.7	20.8±3.1	97.7±12.9	97.5±13.9	

**NA:** Not Available; **FeNO:** Fractional exhaled Nitric Oxide; **IgE:** Immunoglobulin E; **ACT:** Asthma Control Test; **FEV1:** Forced Expiratory Volume in the first second.