Table E1. Subject characteristics (n=39)

	AR	R	C	p-value
Sample size	12	14	13	
Age, years	22 (21;23)	24.5(21.25;28.75)	30(25;36)	**0.001**
Sex ratio (M/F)	9/3	9/5	4/9	0.07
PAREO score	7(5;8.25)	7(6;8)	na	0.896
SNOT-22 score	29(19.5;35.5)	26(22;37.25)	na	0.926
Number of sensitizations	5(3.75;6.25)	3(2;6)	0	**<0.001**
Dust mite senstitization (n)	9	12	0	**<0.001**
Intermittent/ persistent rhinitis	4/8	2/12	na	
Mild/ moderate-severe rhinitis	3/9	4/10	na	
Rhinitis duration (years)	14.48(6.1; 16.04)	12.55(6.4; 15.19)	na	0.724
Partly controlled/ controlled asthma	2/10	na	na	na
FEV1, % predicted	96.3(89.7;103.3)	106.6(102.7;114.6)	98.9(96.2;109.5)	**0.023**
FEF_{25-75}, % predicted	75.2(63.3;81.7)	104.3(90.7;116.6)	82.8(81.4;96.2)	**0.004**
Asthma duration (years)	8.79(2.87; 14.68)	na	na	na
Nasal cell count ($x10^5$ cells)	9.5(7.25;12)	8.6(6.8;13)	8(6 ;16)	0.987
Nasal epithelial cells (%)	78.8(59;92)	85.6(78.2;89.4)	95.6(72.8;98.3)	0.053
Nasal mast cells (%)	0.13(0.09;0.26)	0.15(0.05;0.19)	0.01(0.01;0.04)	**0.002**
Nasal eosinophils (%)	0.06(0.04;0.27)	0.25(0.09;0.51)	0.01(0;0.07)	**0.002**
Nasal T-cells (%)	1(0.5;1.7)	1.2(0.8;2.3)	0.4(0.3;0.8)	0.135
Nasal B-cells (%)	0(0;0.1)	0.1(0;0.1)	0(0;0)	0.224
Nasal PMN (%)	7.7(2.4;30.1)	6.4(2.9;12.9)	0.6(0.2;10.5)	0.107
Bronchial cell count ($x10^5$ cells)	9.5(7.25;13.8)	15(9.4;21)	12(8 ;17)	0.229
Bronchial epithelial cells (%)	92.8(89.3;95.8)	92.5(88.3;94.3)	93.7(90.8;95.4)	0.484
Bronchial mast cells (%)	1.06(0.6 ;1.23)	0.4(0.29;0.58)	0.08(0.05;0.31)	**0.001**
Bronchial eosinophils (%)	0.02(0.01;0.04)	0.07(0.03;0.1)	0.02(0.01;0.03)	0.064
Bronchial T-cells (%)	1.77(1.13;2.3)	1.93(1.53;2.91)	1.65(1.49;2.47)	0.824
Bronchial B-cells (%)	0.03(0.01 ;0.04)	0.03(0.0 ;0.15)	0.03(0.03;0.07)	0.347
Bronchial PMN (%)	0.47(0.2;0.73)	0.97(0.35;1.86)	1.98(0.7;2.17)	**0.025**