

**Table S3:** P values for association with allergic rhinitis for 17 loci identified in previous GWAS of allergic rhinitis

SNP	Location	Association reported by	Original study	Bunyavanich et al.	
				European-American	Meta-Analysis
			P value	P value	P value
rs2155219	11q13.5	Ramasamy et al. <sup>4</sup>	3.8 × 10-8	0.22	0.06
rs2101521	4p14	Hinds et al. <sup>9</sup>	5.3 × 10-21	0.52	0.79
rs1438673	5q22.1	Hinds et al. <sup>9</sup>	2.3 × 10-20	0.31	0.51
rs2155219	11q13.5	Hinds et al. <sup>9</sup>	1.6 × 10-19	0.22	0.06
rs10189629	2q12.1	Hinds et al. <sup>9</sup>	1.8 × 10-16	0.48	<b>0.023</b>
rs6906021	6p21.32	Hinds et al. <sup>9</sup>	7.1 × 10-15	0.99	0.17
rs9266772	6p21.33	Hinds et al. <sup>9</sup>	3.2 × 10-12	0.25	0.11
rs7720838	5p13.1	Hinds et al. <sup>9</sup>	8.2 × 10-11	0.67	0.67
rs10497813	2q33.1	Hinds et al. <sup>9</sup>	6.1 × 10-10	<b>0.012</b>	<b>0.00099</b>
rs9860547	3q28	Hinds et al. <sup>9</sup>	1.2 × 10-9	0.83	0.94
rs7032572	9p24.1	Hinds et al. <sup>9</sup>	1.7 × 10-9	0.13	0.24
rs6021270	20q13.2	Hinds et al. <sup>9</sup>	6.9 × 10-9	0.87	0.43
rs9303280	17q12	Hinds et al. <sup>9</sup>	8.9 × 10-9	0.12	<b>0.0020</b>
rs17228058	15q22.33	Hinds et al. <sup>9</sup>	1.2 × 10-8	0.07	0.25
rs962993	10p14	Hinds et al. <sup>9</sup>	1.5 × 10-8	0.44	0.07
rs17388568	4q27	Hinds et al. <sup>9</sup>	3.9 × 10-8	<b>0.0030</b>	<b>0.0031</b>
rs1998359	14q21.1	Hinds et al. <sup>9</sup>	4.8 × 10-8	0.75	0.99

\*P values with nominal significance (P value ≤ 0.05) in Bunyavanich et al. are bolded