

**S3 Table. MeQTL analysis results and associations with FEV<sub>1</sub>**

CpG Site	Position (strand), hg38 (chr14)	rs10220464			FEV <sub>1</sub>	
		Beta [95% CI]	P	FDR Q	Beta [95% CI]	P
cg21567958	103909862 (-)	0.10 [0.05, 0.14]	1.79 x10 <sup>-5</sup>	0.01	-1.5 [-8.8, 5.7]	0.68
cg12183467	103885907 (-)	0.10 [0.05, 0.14]	1.31 x10 <sup>-4</sup>	0.04	5.3 [-1.5, 12.1]	0.13
cg16820107	103970549 (-)	0.08 [0.04, 0.12]	1.62 x10 <sup>-4</sup>	0.04	-5.4 [-13.4, 2.5]	0.18
<b>cg03306306</b>	<b>104001397 (+)</b>	<b>0.07 [0.03, 0.11]</b>	<b>2.28 x10<sup>-4</sup></b>	<b>0.04</b>	<b>-11.5 [-20.3, -2.7]</b>	<b>0.01</b>
cg17298714	103938355 (+)	0.14 [0.07, 0.21]	2.36x10 <sup>-4</sup>	0.04	-4.1 [-8.7, 0.4]	0.07

All CpG sites where DNA methylation levels in NECs at age 11 in URECA were associated with rs10220464 at FDR<0.05 are shown with their corresponding associations with FEV<sub>1</sub>. The FDR-adjusted P-values (FDR Q) correspond to a 5% false-discovery rate. FDR, false discovery rate; 95% CI, 95% confidence interval; FEV<sub>1</sub>, forced expiratory volume in one second; URECA, Urban Environment and Childhood Asthma study.