**Supplementary Material**

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| **Table S1. Included participants vs. excluded participants population characteristics** | | | |
|  | **Excluded (n=125)** | **Included (n=287)** |  |
|  | **n (%)** | **n (%)** | **p value** |
| **Sex\***  **Male**  **Female** | 46 (43.4)  60 (56.6) | 133 (46.3)  154 (53.7) | 0.603 |
| **Income < $25,000\*\*** | 19 (17.9) | 60 (21.4) | 0.679 |
| **Race/Ethnicity\*\*\***  **White non-Hispanic**  **Black non-Hispanic**  **Asian non-Hispanic**  **Hispanic**  **Other** | 47 (44.8)  7 (6.7)  27 (25.7)  16 (15.2)  8 (7.6) | 117 (40.9)  34 (11.9)  63 (22.0)  54 (18.9)  18 (6.3) | 0.479 |
| **Body Mass Index**  **Normal**  **Overweight**  **Obese** | 103 (82.4)  16 (12.8)  6 (4.8) | 212 (73.9)  57 (19.8)  18 (6.3) | 0.165 |
| **Tobacco Exposure\*\*\*\***  **Low**  **Medium**  **High** | 49 (40.5)  55 (45.5)  17 (14.1) | 87 (30.4)  158 (55.2)  41 (14.3) | 0.126 |
| **Asthma Before 9/11/01^** | 6 (5.9) | 26 (9.2) | 0.362 |
| **Dust Cloud Exposure\*\*\*** | 9 (8.6) | 24 (8.4) | 0.799 |
| **Home Dust Exposure^^** | 22 (21.2) | 52 (18.6) | 0.010 |
|  | **Median (25th, 75th percentile)** | **Median (25th, 75th percentile)** | **p value** |
| **Age^^^** | 17 (15, 19) | 17 (15, 19) | 0.759 |
| \*n=393; \*\*n=387; \*\*\*n=391; \*\*\*\*n=407; ^n=385; ^^n=383; ^^^n=392 | | | |