**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 |