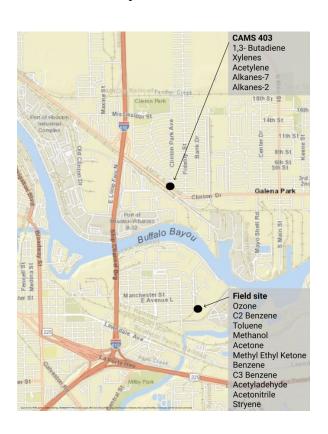
1	Identifying the transcriptional response of cancer and inflammation-related genes in lung
2	cells in relation to ambient air chemical mixtures in Houston, Texas
3 4	Lauren A. Eaves ¹ , Hang T. Nguyen ¹ , Julia E. Rager ^{1,2,3} , Kenneth G. Sexton ¹ , Thomas Howard ³ ,
5	Lisa Smeester ^{1,3} , Anastasia N. Freedman ¹ , Kjersti M. Aagaard ⁴ , Cynthia Shope ⁴ , Barry Lefer ^{5,6} ,
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19 20 21	SUPPORTING INFORMATION
22 23	FIGURES: 3 TABLES: 3 (excel documents)

24 PAGES: 4

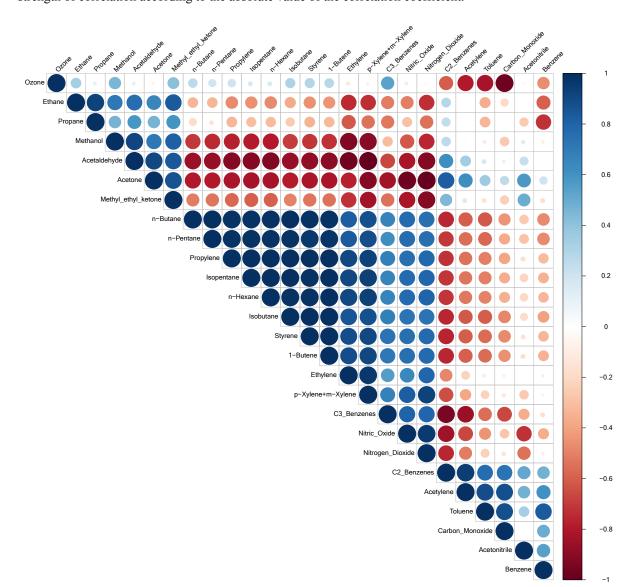
- 25 FIGURE S1: Locations of the field site where the A549 cells were exposed and the CAMS 403 surface
 - 6 monitor. Listed at each location are the hazardous air pollutants that were measured as well as the number of 7 alkane and alkene species that were measured at the CAMS 403 monitor.



33 FIGURE S2: Correlations of air pollutants used to further evaluate and confirm co-occurring chemicals in

the atmosphere throughout the five exposure days. The legend on the right-hand side demonstrate the color
spectrum representative of the correlation coefficient value. The size of the circle is also representative of the
strength of correlation according to the absolute value of the correlation coefficient.

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- 39 40 41 42 Figure S3: Cytotoxicity assessment. Percentage cell death when exposed to ozone, ambient air and clean air exposure. The asterisks represent significant increase in cell death at p<0.05.

