







**Supplemental Figure 1.** Examples of the correlation in gene expression levels in alveolar macrophages for non-smokers and smokers. Expression levels, normalized by array, for the 1,582 genes present on all microarrays are plotted for representative comparisons. Comparison of gene expression levels in alveolar macrophages from: **a.** Two non-smokers (NS2 and NS5); **b.** Two smokers (S3 and S4); and **c** a non-smoker and a smoker (NS5 and S1). All comparisons revealed highly significant (p<0.001 in all cases) correlations with high r<sup>2</sup> values, indicating overall similarity in global gene expression levels among individuals.