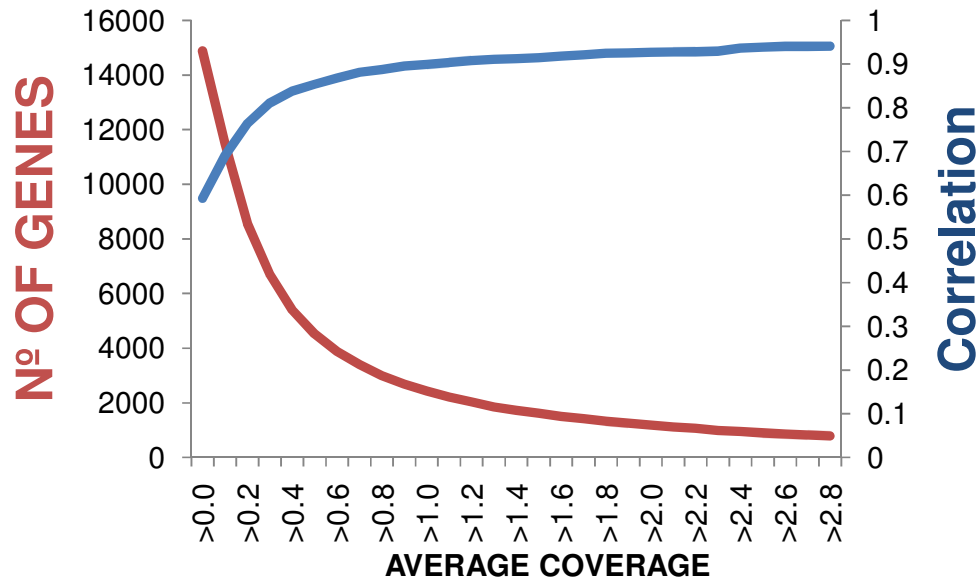




**Additional file 7. Correlation between nitrate-regulated genes obtained by RNA-seq and Affymetrix ATH1 microarrays depends on Average gene coverage.**

Correlation between the  $\text{KNO}_3/\text{KCl}$  ratio for RMA normalized Affymetrix gene expression and the  $\text{KNO}_3/\text{KCl}$  ratio obtained for normalized libraries at different average gene coverages (AGCs). We define AGC as the number of reads matching a gene multiplied by read length and divided by gene length. We show in blue the correlation at different AGCs and in red the number of genes at different AGCs.