**Additional Figure:** Hierarchical clustering of genes whose expression is correlated with left ventricular index (LVMI) over all the studied rats. Rows indicate genes and columns indicate rats. Expression values of each gene are encoded into 8 levels using quantiles of each distribution. The hierarchical tree is represented according to distance between genes computed as $d=1-r$, $r$ correlation coefficient. The vertical blue line defines the statistical significance threshold of the clusters ($r = 0.554$, $n=32$, $p = 0.01$).