**Supplementary Figure S1.** GO Annotation (according to DAVID v2.1, level 3) by Metabolic Function for the 330 transcripts that were present at significantly higher levels in unstimulated retinal endothelial cells *(left)* and the 449 transcripts that were present at significantly higher levels in unstimulated choroidal endothelial cells *(right)*. Each horizontal bar indicates the percentage of transcripts falling within the stated functional category with respect to the total number of significantly up-regulated genes for that tissue. *(A)* Results for the 10 categories that contained the highest percentages of the 330 transcripts that were present at higher levels in retinal endothelial cells. *(B)* Results for the 10 categories that contained the highest percentages of the 449 transcripts that were present at higher levels in choroidal endothelial cells.