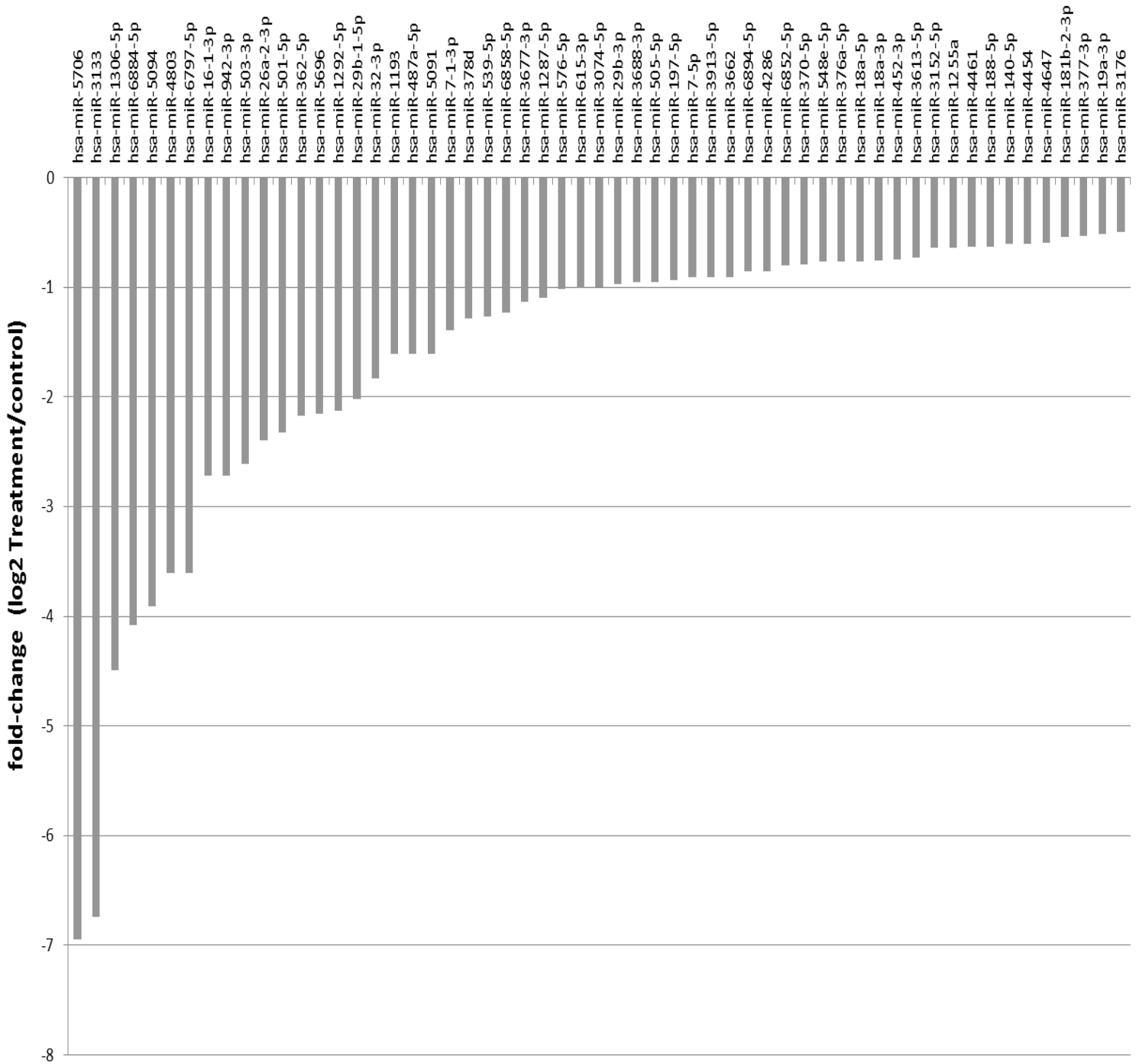
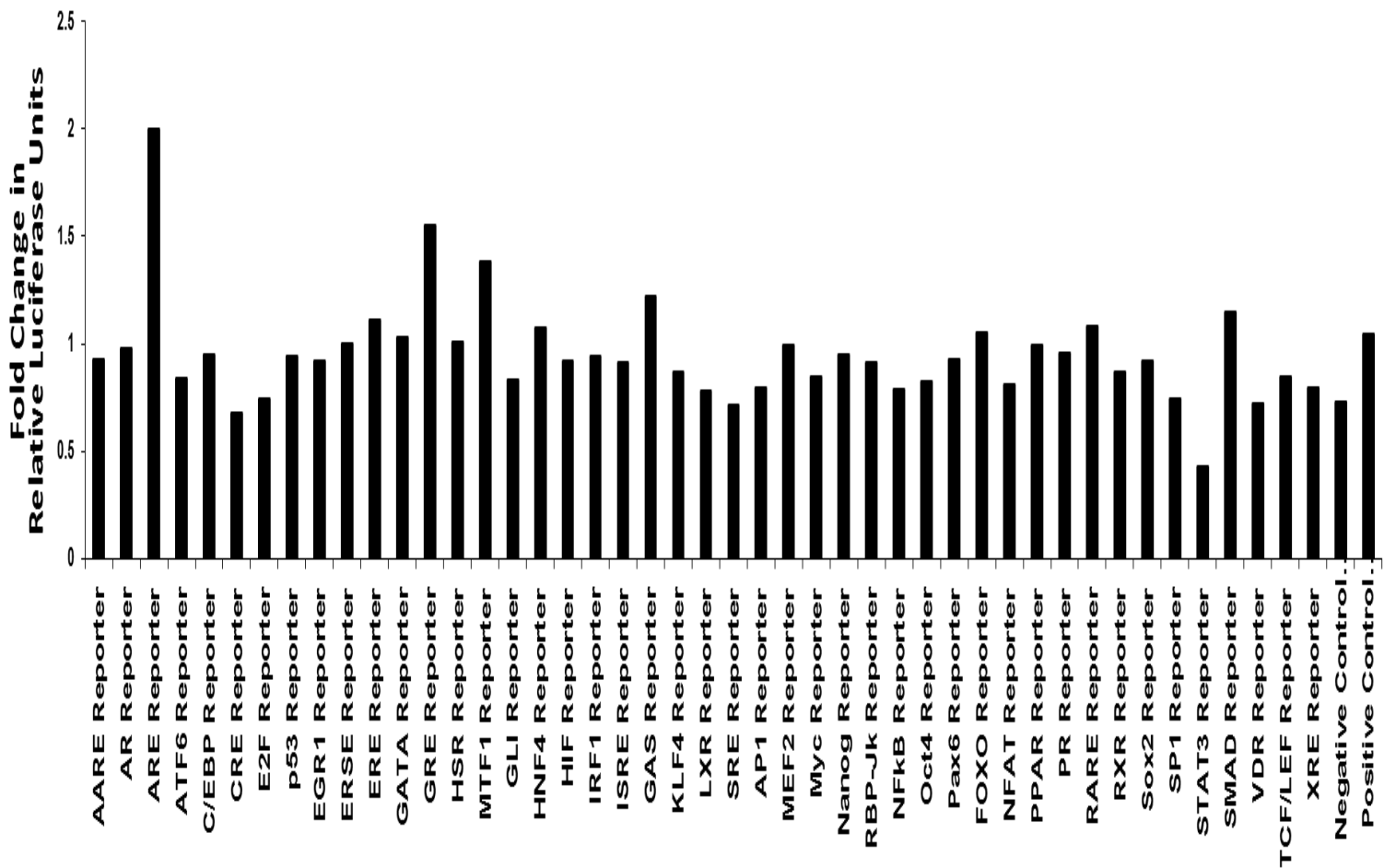


Supplementary Fig 1A. Upregulation of KGE on miRNA expressions by miRNA sequencing. HUVECs were incubated with KGE (500 µg/ml) for 24 h. The graph indicated the quantification of known miRNA expression for fold change ≤ -0.5 or fold change ≥ 0.5 . Values are presented as the means \pm SD of three independent experiments. All data were analysed by ANOVA with multiple *post hoc* testing.



Supplementary Fig 1B. Downregulation of KGE on miRNA expressions by miRNA sequencing. HUVECs were incubated with KGE (500 µg/ml) for 24 h. The graph indicated the quantification of known miRNA expression for fold change ≤ -0.5 or fold change ≥ 0.5 . Values are presented as the means \pm SD of three independent experiments. All data were analysed by ANOVA with multiple *post hoc* testing.



Supplementary Fig 2. Effect of KGE on signalling pathway. COS-7 cells were incubated with KGE (500 $\mu\text{g/ml}$) for 24 h. The graph indicated the quantification of the reporter expressions, using Renilla reporter for internal normalization. Values are presented as the means \pm SD of three independent experiments. All data were analysed by ANOVA with multiple *post hoc* testing.