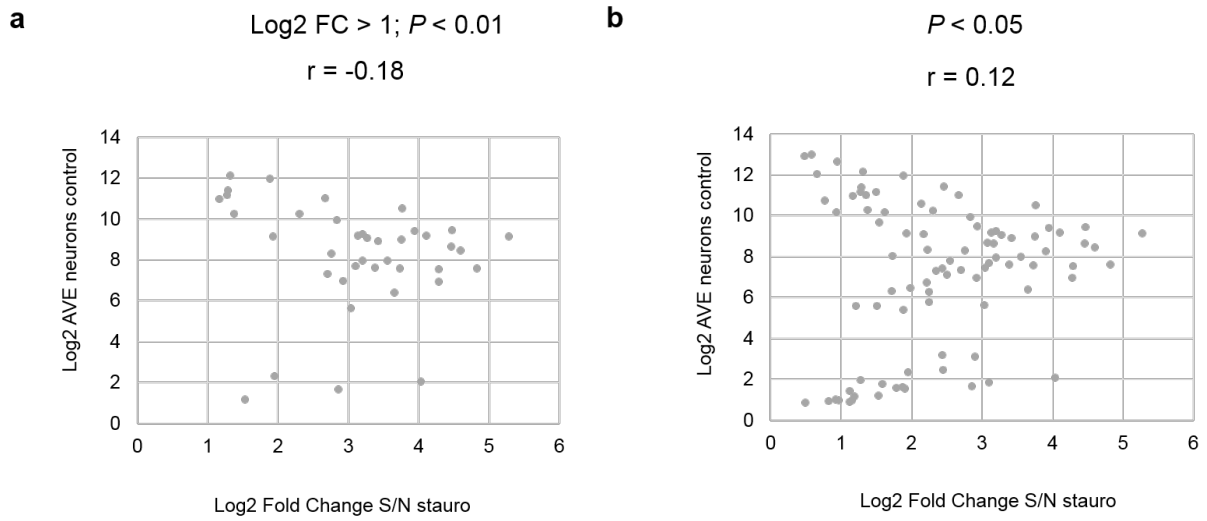




Additional file 2 Amounts of miRNAs released from apoptotic cortical neurons do not correlate with the abundance of miRNAs expressed in control neurons. **(a)** Scatter plot of Log2 Fold Change of miRNAs being enriched in supernatant (S/N) derived from staurosporine-treated neurons ($P < 0.01$, Log2 Fold Change > 1 : 39 miRNAs) plotted against their intracellular concentration in control neurons treated with 0.1% DMSO as solvent. **(b)** Scatter plot of Log2 Fold Change miRNAs being enriched in S/N of staurosporine-treated neurons ($P < 0.05$; 88 miRNAs) plotted against their intracellular concentration in control neurons treated with 0.1% DMSO as solvent. In **(a)** and **(b)**, the respective Pearson correlation coefficient (r) is depicted.