



**Supplementary Figure S1.** Immunocytochemical staining of mouse cortical cells with antibodies against NeuN ((**A**), neuronal marker) and GFAP ((**B**), astrocytic marker). Cell nuclei were stained with Draq5. **C** - The number of neurons (NeuN positive cells) and astrocytes (GFAP positive cells) in cultured mouse cortical cells. The number of nuclei was taken as 100% (Draq5 stain).