Post-stroke social isolation reduces cell proliferation in the dentate gyrus and alters miRNA profiles in the aged female mice brain

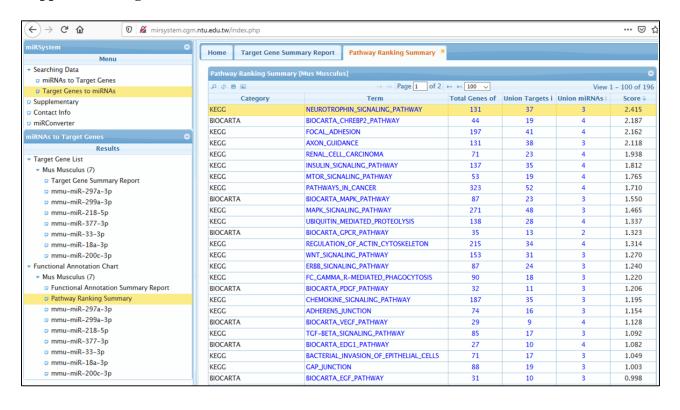
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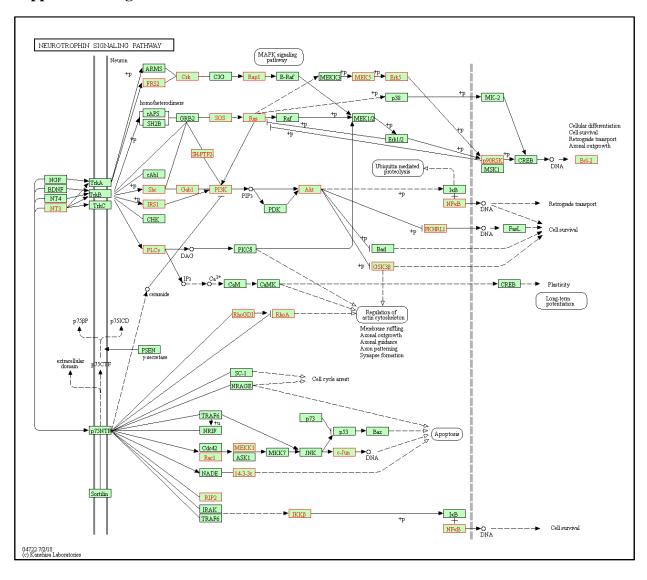
Supplemental Material

Supplemental figures (predictive pathway analysis)

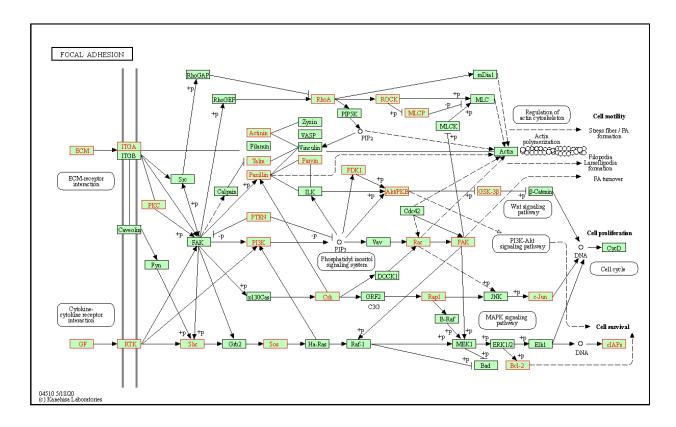
Supplemental Figure 1A



Supplemental Figure 1B



Supplemental Figure 1C



Supplemental Figure 1: The top significantly altered miRNAs were used for pathway analysis using the miRSystem, with KEGG and BIOCARTA pathway databases and preset parameters (Hit with ≥3; O/E ratio ≥2; Total genes in the pathway ≥ 25). Pathway rankings summary (Fig. A) revealed, that the Neurotrophin signaling pathway (Fig. B) and the Focal adhesion pathway (Fig. C) scored high (2.415 and 2.162 respectively). These pathways are involved in regulation of cell proliferation and survival.