Figure Legends for Supplemental Figures

Supplemental Figure 1: A six-week treadmill training upregulates the hippocampal expression of BDNF in Middle-aged mice and TrkB in Young and Middle-aged mice. Left panels, representative micrographs of immunoblotting. Right panels, quantitative results of the relative expression of neuroplasticity-related proteins, on the upper left corner of figure, *$p < 0.05$, **$p < 0.01$, ***$p < 0.001$, age or Ex effect, two-way ANOVA; above the bars, #$p < 0.05$, versus respective SED in the same age group, Bonferroni's post hoc test. Exact sample sizes are labeled on each panel.

Supplemental Figure 2: Aging and a six-week treadmill training alter the expression of ANLS-related proteins in the hippocampus. Left panels, representative micrographs of immunoblotting. Right panels, quantitative results of the relative expression of ANLS-related proteins, on the upper left corner of figure, *$p < 0.05$, **$p < 0.01$, ****$p < 0.0001$, age or Ex effect, two-way ANOVA; above the bars, *$p < 0.05$, **$p < 0.01$, ***$p < 0.001$ versus Young-SED; #$p < 0.05$, versus respective SED in the same age group, Bonferroni's post hoc test. Exact sample sizes are labeled on each panel.