Supplementary Figure S1:

(A) MiR-143 expression is unchanged in AD patients compared to healthy controls. Relative miRNA expression was quantified by Taqman microRNA assays and normalized to the expression of GAPDH using the $\Delta\Delta C_t$ method. N= 5 (controls) and 10 (AD), whiskers: 5-95% percentile, Mann-Whitney-U-test. n.s. not significant.

(B) MiR-143 overexpression does not alter miR-125b expression compared to the empty vector control. Primary hippocampal neurons (DIV12) were lentivirally transduced for 14 days. Relative miRNA expression was quantified by Taqman microRNA assays and normalized to the expression of GAPDH using the $\Delta\Delta C_t$ method. N=3, mean ± SEM, Student’s t-test. OE: overexpression, n.s. not significant.

(C) MiR-125b overexpression does not alter miR-143 expression compared to the empty vector control. Primary hippocampal neurons (DIV12) were lentivirally transduced for 14 days. Relative miRNA expression was quantified by Taqman microRNA assays and normalized to the expression of GAPDH using the $\Delta\Delta C_t$ method. N=3, mean ± SEM, Student’s t-test. OE: overexpression, n.s. not significant.