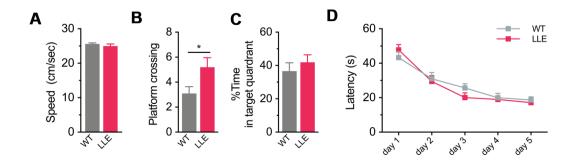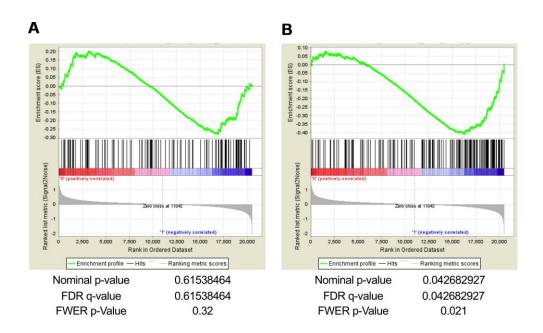# SUPPLEMENTARY FIGURES

Supplementary Figure 1. Morris water maze test for LLE mice. (**A**) Swimming speeds averaged from all trials. (**B**) The number of crossings to platform on the probe trial. (**C**) Percent time spent in target quadrant. (**D**) Latency to reach hidden platform on training days. For each day of training, data were averaged across four daily trials. n=10. Data are presented as mean ± SEM. *, P< 0.05.

Nominal p-value	0.61538464
FDR q-value	0.61538464
FWER p-Value	0.32

Nominal p-value	0.042682927
FDR q-value	0.042682927
FWER p-Value	0.021

Supplementary Figure 2. Gene Set Enrichment Analysis for the differential genes in LLE mice. (**A**) The up-regulated gene set of LLE mice not enriched in metastatic hepatocellular carcinoma (HCC). (**B**) The down-regulated gene set of LLE mice enriched in metastatic hepatocellular carcinoma (HCC).