

Description of Additional Supplementary files

File name: Supplementary Data 1.

Description : Clinical and molecular characteristics of the LIHC dataset from oncomine. This set of data was download from the database on October 14, 2018

File name: Supplementary Data 2.

Description : Clinical and molecular characteristics of the LICA-FR dataset from oncomine. This set of data was download from the database on October 14, 2018

File name: Supplementary Data 3.

Description : ChREBP cancer gene signature depicting 324 genes that are upregulated in both our pre-tumoral and malignant model of ChREBP hyperactivation.

File name: Supplementary Data 4.

Description : GSEA analysis comparing ChREBP tumors with surrounding non-tumoral tissue.

File name: Supplementary Data 5.

Description : GSEA analysis comparing ChREBP tumors with surrounding non-tumoral tissue.

File name: Supplementary Data 6.

Description : gene expression in the GO: PI3K_signaling in the pre-tumoral and tumoral models.

File name: Supplementary Data 7.

Description : Pathway Analysis of potential ChREBP target genes identified by ChIP-seq and listed by KEGG.

File name: Supplementary Data 8.

Description : Metabolic genes consistently upregulated in all 10 HCC datasets - Total 285.

File name: Supplementary Data 9.

Description : Systematic toxicity evaluation during in vivo treatment of mice with SBI-993.

File name: Supplementary Data 10.

Description : Metabolomic and lipidomic analysis performed from adjacent non tumoral and ChREBP overexpressing tumors (n = 10 *mice* per group).