

Fig. S1

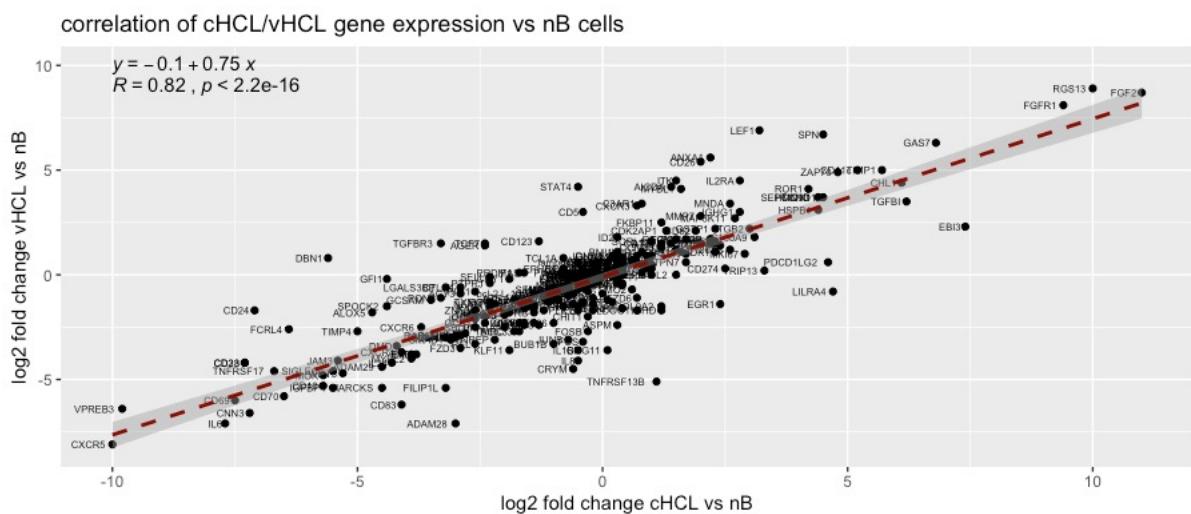
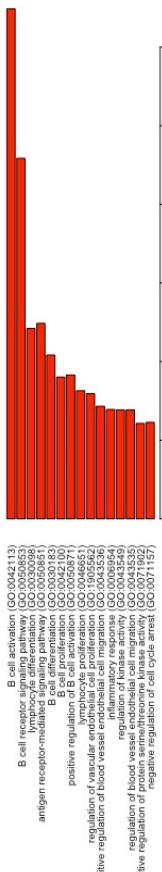
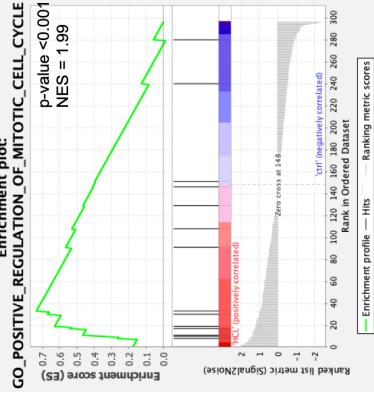


Fig. S2

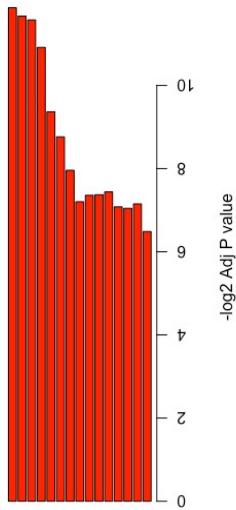
HCL vs nMNC GO Biological Process Enrichment



Enrichment plot:
GO_POSITIVE_REGULATION_OF_MITOTIC_CELL_CYCLE

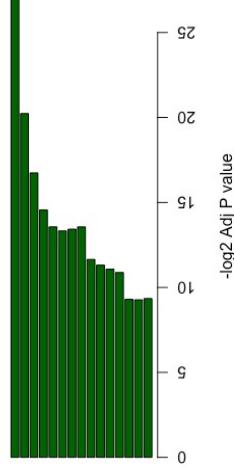


HCL vs nB cells GO Biological Process Enrichment



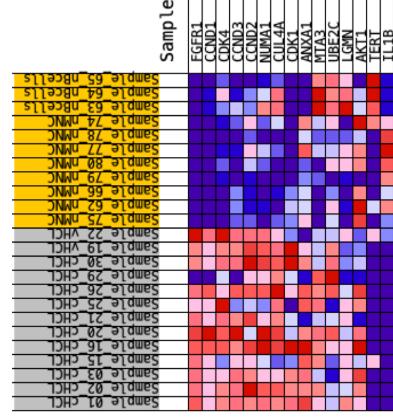
positive regulation of protein semaphorine kinase activity (GO:0071902)
positively regulation of cellular organization (GO:0034238)
regulation of MAP kinase activity (GO:004405)
positive regulation of phosphorylation (GO:0044327)
regulation of protein phosphorylation (GO:0001932)
cytokine-mediated signaling pathway (GO:001221)
cellular response to cytokine stimulus (GO:0071345)
positive regulation of cyclic AMP-dependent protein kinase activity (GO:0006031)
positive regulation of phosphodiesterase C activity (GO:0019853)
positive regulation of cyclin-dependent protein semaphorine kinase activity (GO:0044277)
regulation of cell proliferation (GO:0042127)

HCL vs nB cells GO Biological Process Enrichment



oxidative mediated signaling pathway (GO:0019211)
regulation of cell receptor signaling pathway (GO:0001345)
transcription factor-mediated signaling pathway (GO:0002895)
regulation of antigen receptor-mediated signaling pathway (GO:000854)
regulation of cell differentiation (GO:0004516)
regulation of B cell proliferation (GO:0002127)
regulation of transcription from promoter (GO:0002898)
regulation of cell proliferation (GO:0002127)
positive regulation of Haptophore kinase activity (GO:0043123)
negative regulation of homeostatic processes (GO:0032845)

C



Enrichment plot:
GO_POSITIVE_REGULATION_OF_MAPK_KINASE_ACTIVIT

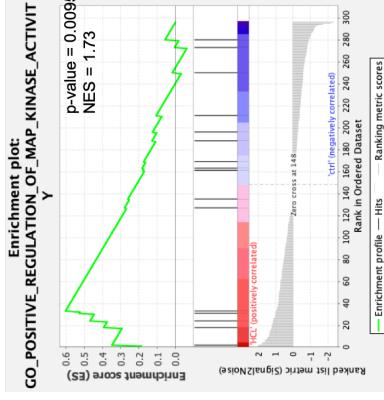


Fig. S3

