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Mean log₂(RT/CLL)

Percent Expressed (%)

Genes labeled in the plot include: PAGE2B, PAGE2, HMGA1, HSPD1, RPL22L1, CH13, GSTP1, NME2, SNHG29, EPCAM, PABP5, HSPB1, EIF4A1, ACTG1, HSP90AB1, ULR4, TXN1, EIF5A, RAN, MIF, HSP7A8, GRIPI, LAPTM5, HILP2, AP1S1, ENO1, LTB, LGALS3, SNHG3, CD24, LHP, MARCH1, DDX24, JUND, TMD79B, TMEM154, ZNF197, LBP1, LBP2, AFB1, FOXF3, XAF1, ACUS15A1, EVL, RXYD5, AC103591, CXCR4, ZNF54X, IFI44L, ID3, TTN, PCDH9, BCL2, RCSD1, MIR159HG, IL4R, BTG2, PRKCB, TXNIP, JUN, MEF2C, CCDC38A, TSC22D3, TCLA1, and BTG1.

Scatter plot showing the relationship between Mean $\log_2(\text{RT/CLL})$ (Y-axis) and Percent Expressed (%) (X-axis) for 63 genes. The Y-axis ranges from -2 to 3, and the X-axis ranges from 0 to 100. Genes are colored by their expression level: red for high expression (Mean $\log_2(\text{RT/CLL}) > 1$), grey for intermediate expression (Mean $\log_2(\text{RT/CLL})$ between 0 and 1), and blue for low expression (Mean $\log_2(\text{RT/CLL}) < 0$). The plot shows a general trend where genes with higher expression levels are also more frequently expressed, though there is significant scatter. Labeled genes include: LILRA4, MS4A6A, STMN1, TSPAN3, RSL1D1, AL130020.1, CXCR2, PL4B1, LDHA, LDHB, ACTG1, TMSB4X, PRKACB, TRD, AP1C2, CTRH, GSTP1, IGHG1, UNG2363, C12orf34, NEAT1, DMD, RPS4X, IGHG4, GATM, CD33, CD34, HSPA8, RPLP1, HAD1, CST, UBE2A, RNASE5, TCEAL8, JCHAIN, ARLGIP5, FCRL1, ARID5B, DDX5, CNTNAP2, GLO2, APCD, IGLL, DAZAP1, RPLP37, CD42SE1, MTSST1, PDE4B, FCER2, CD79A, EIF1, GLUL, CTLA4, SBDS, PELU1, YPEL5, TSC22D3, CXCR4, H3F3B, RGS2, and MAIP1.

[illegible]

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Mean \log_2 (RT / CLL)

Percent Expressed (%)

Key genes labeled in the red cluster (top right): ZNF331, MIDN, RGS2, TK17B, DDX3, TANK, RB, ILF6, HIST1H1C, TLE1, PK3P1, IDS, PPP1R15B, C/PINT, SNHG7, TSC22D3, GADD45B, BCL2L1, STK11, CYBB, EPC, JUN, SNHG5, RPL36A, RHPL1, FAM111B, DUSP1, EIF2AK2, ZFP362, PPIA, CYBA, IGHM, TRAC, PTPN6, RPN1, CTSS, ACTG1, CDS, RPL3A, RPS3A, FAM111B, AT1P6V0E1, RAC2, FCMR, LGALS1, ITB, SERF2, CD7, VIM, S100A1, ARPC5, CD98, IGLC1, IGLC3, TMS34X, TMSB10, TCL1A, CD79B, OAZ1, TMS34X, TMSB10, IGLC3.

Key genes labeled in the blue cluster (bottom left): ZNF331, MIDN, RGS2, TK17B, DDX3, TANK, RB, ILF6, HIST1H1C, TLE1, PK3P1, IDS, PPP1R15B, C/PINT, SNHG7, TSC22D3, GADD45B, BCL2L1, STK11, CYBB, EPC, JUN, SNHG5, RPL36A, RHPL1, FAM111B, DUSP1, EIF2AK2, ZFP362, PPIA, CYBA, IGHM, TRAC, PTPN6, RPN1, CTSS, ACTG1, CDS, RPL3A, RPS3A, FAM111B, AT1P6V0E1, RAC2, FCMR, LGALS1, ITB, SERF2, CD7, VIM, S100A1, ARPC5, CD98, IGLC1, IGLC3, TMS34X, TMSB10, TCL1A, CD79B, OAZ1, TMS34X, TMSB10, IGLC3.