

**Supplemental Table S1.** Descriptive statistics of GAS5 expression levels in chALL patients (diagnosis and EoI) and healthy cohort.

| Variables                           | Mean $\pm$ SE    | Range          | Percentiles |      |                |      |       |  |
|-------------------------------------|------------------|----------------|-------------|------|----------------|------|-------|--|
|                                     |                  |                | 10          | 25   | 50<br>(median) | 75   | 90    |  |
| <b>ch-ALL (diagnosis) (n=157)</b>   |                  |                |             |      |                |      |       |  |
| GAS5                                | 26.10 $\pm$ 9.98 | 0.34 - 1180.43 | 1.47        | 1.90 | 3.25           | 7.27 | 28.69 |  |
| <b>healthy controls (n=65)</b>      |                  |                |             |      |                |      |       |  |
| GAS5                                | 4.53 $\pm$ 0.64  | 0.02 - 27.62   | 1.04        | 1.66 | 2.38           | 5.64 | 12.94 |  |
| FC                                  |                  |                | 1.41        | 1.14 | 1.37           | 1.29 | 2.22  |  |
| <b>ch-ALL (diagnosis) (n=125)</b>   |                  |                |             |      |                |      |       |  |
| GAS5                                | 26.10 $\pm$ 9.98 | 0.34 - 1180.43 | 1.47        | 1.90 | 3.25           | 7.27 | 28.69 |  |
| <b>ch-ALL (EoI; day 33) (n=109)</b> |                  |                |             |      |                |      |       |  |
| GAS5                                | 4.63 $\pm$ 0.65  | 0.33 - 43.77   | 1.07        | 1.58 | 2.33           | 4.22 | 8.80  |  |
| FC                                  |                  |                | 1.37        | 1.20 | 1.39           | 1.73 | 3.26  |  |

SE: Standard Error

FC: fold change