

| Lymphoid Leukemia |        |        |         |       |          |        |       |       |         |        |       |        |       |        |
|-------------------|--------|--------|---------|-------|----------|--------|-------|-------|---------|--------|-------|--------|-------|--------|
| AARS1             | ABCA13 | ABCB11 | ABL1    | AKT1  | ALK      | ATM    | B2M   | BCL2  | BCL6    | BCOR   | BIRC3 | BRAF   | BTG1  | BTK    |
| CDKN2A            | COG1   | COL4A4 | CREBBP  | CRLF2 | CTNNB1   | DDX3X  | DNM2  | DNMT1 | DNMT3A  | EP300  | ETV6  | EVC    | EZH2  | FBXW7  |
| HPSE2             | ID3    | IDH1   | IDH2    | IKZF1 | IL12RB2  | IL7R   | JAK1  | JAK2  | JAK3    | KDM6A  | KMT2A | KMT2D  | KRAS  | L2HGDH |
| MEF2B             | MPL    | MYD88  | NDUFV3  | NF1   | NOTCH1   | NOTCH2 | NPHS2 | NPM1  | NRAS    | NSD2   | NT5C2 | NUDT15 | PAX5  | PDP1   |
| PTEN              | PTPN11 | RB1    | RHOA    | RUNX1 | SERPIND1 | SETD2  | SF3B1 | SH2B3 | SLC12A6 | SOX6   | SRY   | STAG2  | STAT3 | STAT5A |
| TCF3              | TDRD7  | TET2   | TNFAIP3 | TP53  | TPMT     | TRAF3  | VCAN  | WNK1  | WT1     | XPO1   |       |        |       |        |
|                   |        |        |         |       |          |        |       |       |         |        |       |        |       |        |
| Fusion Genes      |        |        |         |       |          |        |       |       |         |        |       |        |       |        |
| ABL1              | AML1   | BCR    | ETV6    | JAK2  | KMT2A    | MLLT10 | MN1   | MRTFA | NUP214  | PAX5   | PBX1  | RBM15  | RUNX1 | STIL   |
|                   |        |        |         |       |          |        |       |       |         |        |       |        |       |        |
| HotSpots          |        |        |         |       |          |        |       |       |         |        |       |        |       |        |
| KRAS              | NRAS   | FLT3   | FBXW7   | ETV6  | PAX5     | PTEN   | TP53  | NF1   | IKZF1   | NOTCH1 | IDH2  | JAK1   | JAK3  | IL7R   |

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|        |        |       |        |         |
| CALR   | CARD11 | CCND3 | CD79A  | CD79B   |
| FERMT1 | FLT3   | FREM2 | GATA3  | GRM1    |
| LAMA3  | LEF1   | LMO1  | MAP2K1 | MAPK1   |
| PHF6   | PIK3CA | PIM1  | PIM2   | PLCG2   |
| STAT5B | STK11  | SUMF1 | SYK    | TBL1XR1 |
|        |        |       |        |         |
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|        |        |       |        |         |
| TAL1   | TCF3   |       |        |         |
|        |        |       |        |         |
|        |        |       |        |         |
| PIK3CA |        |       |        |         |