| **Type** | **Gene** | **Start/End** | **Expression** |
|---|---|---|---|
| **Exon Duplication** | **ETV6** | **chr9:133710216,chr9:133729447** | **40%** |
| **Retained intron** | **BCL11B** | **chr9:133729453,chr9:133729451** | **44%** |
| **Exon Deletion** | **TAL1** | **chr11:118309837,chr11:118339490** | **18%** |
| **Fusion** | **BCL11B** | **chr3:47205344,chr3:47139571** | **42%** |
| **Retained intron** | **ZCCHC7** | **chr10:21957852,chr10:21957853** | **51%** |
| **Fusion** | **ABT** | **chr12:12006495,chr21:36265259** | **11%** |
| **Retained intron** | **NFKB2** | **chr19:33793042,chr19:33792763** | **48%** |
| **Exon Deletion** | **KMT2A** | **chr5:149446589,chr5:149441412** | **38%** |
| **Fusion** | **FOXP1** | **chr10:21846753,chr10:21875223** | **3%** |
| **Exon Deletion** | **CIITA** | **chr17:29637630,chr17:29652838** | **4%** |
| **Fusion** | **JAK2** | **chr9:37187568,chr9:37302185** | **8%** |
| **Retained intron** | **MYC** | **chr21:39764564,chr21:39764366** | **0%** |
| **Fusion** | **IRF4** | **chr16:10992859,chr16:10992860** | **0%** |
| **Fusion** | **ABL1** | **chr6:391809,chr6:394821** | **0%** |
| **Fusion** | **KMT2A** | **chr10:21846753,chr10:21875223** | **0%** |
| **Retained intron** | **CIITA** | **chr17:29637630,chr17:29652838** | **0%** |
| **Fusion** | **JAK2** | **chr9:37187568,chr9:37302185** | **0%** |
| **Fusion** | **MYC** | **chr21:39764564,chr21:39764366** | **0%** |
| **Exon Duplication** | **ETV6** | **chr9:133710216,chr9:133729447** | **40%** |
| **Retained intron** | **BCL11B** | **chr9:133729453,chr9:133729451** | **44%** |
| **Exon Deletion** | **TAL1** | **chr11:118309837,chr11:118339490** | **18%** |
| **Fusion** | **BCL11B** | **chr3:47205344,chr3:47139571** | **42%** |
| **Retained intron** | **NFKB2** | **chr19:33793042,chr19:33792763** | **48%** |
| **Exon Deletion** | **KMT2A** | **chr5:149446589,chr5:149441412** | **38%** |
| **Fusion** | **FOXP1** | **chr10:21846753,chr10:21875223** | **3%** |
| **Exon Deletion** | **CIITA** | **chr17:29637630,chr17:29652838** | **4%** |
| **Fusion** | **JAK2** | **chr9:37187568,chr9:37302185** | **8%** |
| **Retained intron** | **MYC** | **chr21:39764564,chr21:39764366** | **0%** |
| **Fusion** | **IRF4** | **chr10:21957852,chr10:21957853** | **0%** |
| **Fusion** | **ABL1** | **chr6:391809,chr6:394821** | **0%** |
| **Fusion** | **KMT2A** | **chr10:21846753,chr10:21875223** | **0%** |
| **Fusion** | **CIITA** | **chr17:29637630,chr17:29652838** | **0%** |
| **Fusion** | **JAK2** | **chr9:37187568,chr9:37302185** | **0%** |
| **Fusion** | **MYC** | **chr21:39764564,chr21:39764366** | **0%** |
| Sample | Tumor | Gene | Chromosome and Position | Region | Retention Rate | Mutant | Type |
|--------|-------|------|-------------------------|--------|----------------|--------|------|
| NTPL-168 | B-ALL | NTPL-168 | chr4:55139703,chr4:55139704 | Exon 10: Intron 9 | 24% | 24% | 0% | Retained intron |
| NTPL-168 | B-ALL | B-ALL | chr17:29637630,chr17:29652838 | Exon 36: Intron 35 | 23% | 16% | -7% | Retained intron |
| NTPL-168 | B-ALL | BCL3 | chr19:45253362,chr19:45254484 | Exon 2: Intron 1 | 28% | 19% | -9% | Retained intron |
| NTPL-168 | B-ALL | CEBPA | chr19:33792461,chr19:33792515 | Exon 1: Exon 1 | 24% | 53% | 29% | Exon Duplication |
| NTPL-168 | B-ALL | MYH11 | chr16:15853081,chr16:15841653 | Exon 19: Intron 18 | 78% | 78% | 0% | Retained intron |
| NTPL-168 | B-ALL | CEBPA | chr19:33792461,chr19:33792521 | Exon 1: Exon 1 | 21% | 67% | 46% | Exon Duplication |
| NTPL-216 | B-ALL | BCL11B | chr14:99723808,chr14:99724176 | Exon 2: Exon 2 | 16% | 10% | -6% | Exon Duplication |
| NTPL-216 | B-ALL | ZCCHC7 | chr9:37187568,chr9:37302185 | Exon 3: Intron 2 | 27% | 14% | -13% | Retained intron |
| NTPL-216 | B-ALL | ETV6 'Üí RUNX1 | chr12:12022903,chr21:36265260 | Exon 5 ETV6: Exon 3 RUNX1 | 30% | 32% | 2% | Fusion |
| NTPL-313 | B-ALL | ZCCHC7 | chr9:37187568,chr9:37302185 | Exon 3: Intron 2 | 14% | 17% | 3% | Retained intron |
| NTPL-313 | B-ALL | ETV6 'Üí RUNX1 | chr12:12022903,chr21:36265260 | Exon 5 ETV6: Exon 3 RUNX1 : Exon 3 ETV6 | 44% | 35% | -9% | Fusion |
| NTPL-367 | B-ALL | TCF3 | chr19:1621132,chr19:1621131 | Exon 10: Intron 10 | 25% | 24% | -1% | Retained intron |
| NTPL-367 | B-ALL | SETD2 | chr3:47205344,chr3:47168177,chr3:47168154,chr3:47168153 | Exon 1: Intron 1: Exon 2 | 18% | 13% | -5% | Retained intron |
| NTPL-367 | B-ALL | BCL3 | chr19:45253362,chr19:45254484 | Exon 2: Intron 1 | 49% | 24% | -25% | Retained intron |
| NTPL-367 | B-ALL | ZCCHC7 | chr9:37147442,chr9:37302185 | Exon 3: Intron 2 | 22% | 15% | -7% | Retained intron |
| NTPL-367 | B-ALL | CSF1R | chr5:149446589,chr5:149441412 | Exon 12: Intron 11 | 65% | 54% | -11% | Retained intron |
| NTPL-367 | B-ALL | CCND2 | chr12:4399615,chr12:4409026 | Exon 5: Intron 4 | 14% | 33% | 19% | Retained intron |
| NTPL-367 | B-ALL | NF1 | chr17:29637630,chr17:29652838 | Exon 36: Intron 35 | 25% | 27% | 2% | Retained intron |