

@reddyGeneticFunctionalDrivers2017

Summary of novel genes

| Entity | Tier 1 genes | Tier 2 genes |
|--------|--------------|--------------|
| DLBCL | 7 | 53 |

```
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config:
  sankey:
    showValues: true
    linkColor: target
    width: 600
    height: 300
    nodeAlignment: right
    prefix: '('
    suffix: ' genes)'
---
sankey-beta
This study, New Tier 1, 7
New Tier 1, DLBCL Tier 1, 7
This study, New Tier 2, 53
New Tier 2, DLBCL Tier 2, 53
All other DLBCL studies, DLBCL Tier 1, 121
All other DLBCL studies, DLBCL Tier 2, 145
```

Novel genes reported in this study

Tier 1

| New gene | DLBCL tier |
|---------------------------|------------|
| ATM | 1 |
| BIRC6 | 1 |
| HIST1H2BC | 1 |
| HNRNPU | 1 |
| SETD1B | 1 |
| TOX | 1 |
| UBE2A | 1 |

Tier 2

| New gene | DLBCL tier | Rating of reviewed variants |
|----------|------------|-----------------------------|
| ANKRD17 | 2 | ★ ★ ★ ☆ ☆ |
| ARID1B | 2 | ★ ★ ☆ ☆ ☆ |
| ARID5B | 2 | ★ ★ ★ ★ ☆ |
| ATR | 2 | ★ ★ ★ ☆ ☆ |
| BRINP3 | 2 | ★ ★ ★ ☆ ☆ |
| BTBD3 | 2 | ★ ★ ★ ★ ☆ |
| CASP8 | 2 | ★ ★ ★ ☆ ☆ |
| CBLB | 2 | ★ ★ ☆ ☆ ☆ |
| CD22 | 2 | ★ ★ ★ ☆ ☆ |
| CDC73 | 2 | ★ ★ ☆ ☆ ☆ |
| CHD1 | 2 | ★ ★ ☆ ☆ ☆ |
| CHD8 | 2 | ★ ★ ☆ ☆ ☆ |
| CHST2 | 2 | ★ ★ ☆ ☆ ☆ |
| DCAF6 | 2 | ★ ★ ☆ ☆ ☆ |
| DDX10 | 2 | ★ ★ ☆ ☆ ☆ |
| DICER1 | 2 | ★ ★ ☆ ☆ ☆ |
| DNMT3A | 2 | |
| FOXP1 | 2 | |
| FUBP1 | 2 | |
| GNAS | 2 | |
| GOLGA5 | 2 | |
| HRAS | 2 | |
| IKBKB | 2 | |
| JUNB | 2 | |
| KCMF1 | 2 | |
| LIN54 | 2 | |
| MAGT1 | 2 | |
| MAP4K4 | 2 | |
| MARK1 | 2 | |
| MCL1 | 2 | |

| New gene | DLBCL tier | Rating of reviewed variants |
|----------|------------|-----------------------------|
| MECOM | 2 | |
| MET | 2 | |
| MSH2 | 2 | |
| MSH6 | 2 | |
| MYB | 2 | |
| NCOR1 | 2 | |
| NF1 | 2 | |
| NFKB2 | 2 | |
| PHF6 | 2 | |
| PIK3CD | 2 | |
| PTPN6 | 2 | |
| PTPRK | 2 | |
| RARA | 2 | |
| RUNX1 | 2 | |
| SETD5 | 2 | |
| SYK | 2 | |
| TGFBR2 | 2 | |
| TIPARP | 2 | |
| WAC | 2 | |
| YY1 | 2 | |
| ZBTB7A | 2 | |
| ZFAT | 2 | |
| ZFX | 2 | |

Details