@reddyGeneticFunctionalDrivers2017

Summary of novel genes

Entity	Tier 1 genes	Tier 2 genes
DLBCL	7	53

```
---
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	Rating of reviewed variants
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	★★★☆☆

See Also

The primary data supporting each of the mutations reported in this study can be viewed in IGV reports along with mutations unique to the GAMBL re-analysis.[@drevalRevisitingReddyDLBCL2023]

References