

@loveGeneticLandscapeMutations2012

Summary of novel genes

Entity	Tier 1 genes	Tier 2 genes
BL	3	56

```
---
config:
  sankey:
    showValues: true
    linkColor: target
    width: 600
    height: 300
    nodeAlignment: right
    prefix: '('
    suffix: ' genes)'
---
sankey-beta
This study, New Tier 1, 3
New Tier 1, BL Tier 1, 3
This study, New Tier 2, 56
New Tier 2, BL Tier 2, 56
All other BL studies, BL Tier 1, 26
All other BL studies, BL Tier 2, 101
```

Novel genes reported in this study

Tier 1

New gene	BL tier
ARID1A	1
GNA13	1
PTEN	1

Tier 2

New gene	BL tier	Rating of reviewed variants
ACAD9	2	★☆☆☆☆
ACE	2	★☆☆☆☆
ATP2C2	2	★★☆☆☆

New gene	BL tier	Rating of reviewed variants
BCL6	2	★ ★ ★ ★ ☆
BRAF	2	★ ☆ ☆ ☆ ☆
BRD4	2	
BTG2	2	
C6orf27	2	
CAD	2	★ ☆ ☆ ☆ ☆
CARD4	2	
CCT6B	2	
CDC73	2	★ ★ ★ ☆ ☆
CDH17	2	
COL4A2	2	
CREBBP	2	
CYB5D1	2	
CYP4F22	2	
DLGAP1	2	★ ☆ ☆ ☆ ☆
DTX1	2	★ ☆ ☆ ☆ ☆
EIF2C4	2	
EML2	2	★ ☆ ☆ ☆ ☆
ENTPD3	2	
EPHB2	2	
EZH2	2	
FAM129B	2	
FGFR3	2	
FTCD	2	
GGTLA4	2	
GRIK5	2	
ICK	2	
ITPR3	2	
KIFC3	2	★ ☆ ☆ ☆ ☆
MAP3K6	2	

New gene	BL tier	Rating of reviewed variants
MYH10	2	
NBEAL1	2	
NOTCH1	2	★ ☆ ☆ ☆ ☆
NRXN2	2	
P2RY2	2	
PC	2	★ ☆ ☆ ☆ ☆
POLRMT	2	
POR	2	
PRSS22	2	★ ☆ ☆ ☆ ☆
PTPRN	2	
RANBP6	2	
RBP3	2	
RET	2	★ ☆ ☆ ☆ ☆
SALL3	2	
SAPS2	2	
SBF1	2	
SF3B1	2	
SHANK1	2	
SLC29A2	2	
SYNGAP1	2	★ ☆ ☆ ☆ ☆
TBC1D9B	2	
TIGD6	2	
TPST2	2	
ZNF229	2	Germline

Details