@paneaWholeGenomeLandscape2019

Summary of novel genes

Entity	Total	Tier 1	Tier 2	Tier 2 Pass	Tier 2 Fail	Fail Rate
BL	40	4	35	13	22	55%

```
---
config:
    sankey:
        showValues: true
        linkColor: target
        width: 600
        height: 300
        nodeAlignment: right
        prefix: '('
        suffix: ' genes)'
---
sankey-beta
New to this study, BL Tier 1, 4
New to this study, BL Tier 2, 36
BL Tier 2, Pass QC, 13
BL Tier 2, Fail QC, 23
```

Novel genes reported in this study

Tier 1

Novel gene	BL tier
BMP7	1
EIF4A1	1
EPPK1	1
HNRNPU	1

Tier 2

Novel Gene	BL tier	Average variant quality	QC outcome
HIST1H3I	2	★ ★ ★ ★ ☆	Pass
CXCR4	2	★ ★ ★ ★ ☆	Pass
IRF8	2	★ ★ ★ ★ ☆	Pass
MCL1	2	★ ★ ★ ★ ☆	Pass

Novel Gene	BL tier	Average variant quality	QC outcome
CD83	2	★★★☆☆	Pass
PLCG2	2	★★★☆☆	Pass
IGLL5	2	★★★★☆	Pass
HIST1H3D	2	★★★☆☆	Pass
WNK2	2	★★★★☆	Pass
HIST1H4J	2	★★★☆☆	Pass
IKZF3	2	★★★☆☆	Pass
ZFP36L1	2	★★★★☆	Pass
RNF144B	2	★★★☆☆	Pass
ALPK2	2	★☆☆☆☆	Fail
CD79B	2	★★☆☆☆	Fail
CTCF	2	★☆☆☆☆	Fail
DNMT1	2	★☆☆☆☆	Fail
ETS1	2	★☆☆☆☆	Fail
FZD3	2	★☆☆☆☆	Fail
HIST1H1C	2	★★☆☆☆	Fail
HIST1H2AG	2	★★☆☆☆	Fail
HIST1H2BK	2	★☆☆☆☆	Fail
KCNK10	2	★★☆☆☆	Fail
MME	2	★☆☆☆☆	Fail
MTOR	2	★☆☆☆☆	Fail
PABPC4L	2	★★☆☆☆	Fail
PCDHA11	2	★☆☆☆☆	Fail
PDZRN3	2	★☆☆☆☆	Fail
PIK3R1	2	★☆☆☆☆	Fail
PXDNL	2	★☆☆☆☆	Fail
SNTB2	2	★★☆☆☆	Fail
WDR7	2	★★☆☆☆	Fail
HIST1H3H	2	☆☆☆☆☆	Fail
HIST1H3J	2	☆☆☆☆☆	Fail

Novel Gene	BL tier	Average variant quality	QC outcome
HIST1H2AM	2	☆ ☆ ☆ ☆ ☆	**Fail**

Details

HIST1H2AM	2	☆ ☆ ☆ ☆ ☆	**Fail**