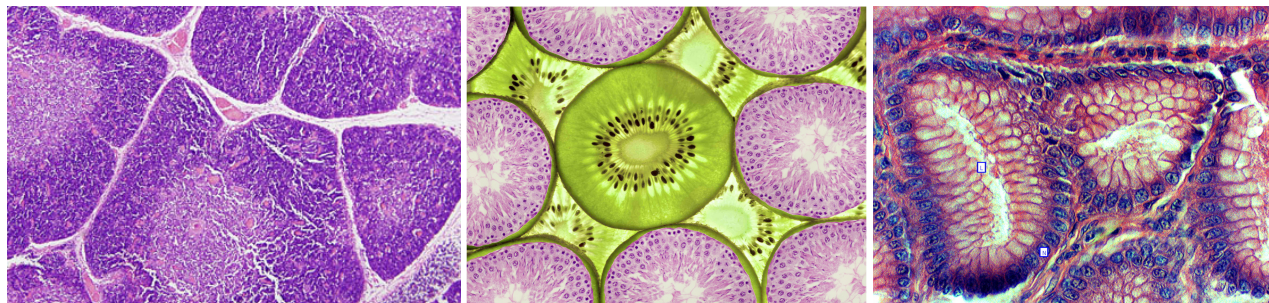


**556 PANEL | CLINICAL REPORT**  
PATIENT NAME GOES HERE  
Diagnosis: Squamous epithelial kiwi carcinoma

**Date:** March 7, 2016  
**PATIENT ID** 999999  
**Misc. ID:** 999999

## Case Images



## Results

### GENOMIC ALTERATIONS: Summary

Somatic alterations in clinically relevant genes.

A set of 556 genes were investigated. 42 variants were found among these.

### Clinically Relevant Genomic Alterations

Gene.refGene	AAmatch
JAK1	G307S
ARID1A	T1743M
RET	R897Q
PTEN	R233
FANCF	A186V
ATM	H1352R
KMT2A	E2416K
ATM	R2719H
ERBB3	E925K
KRAS	G13D
KMT2D	R5007W
KRAS	G12V
IRS2	P548T
FLT1	V1331I
BLM	V4A
IGF1R	S72N
TSC2	A1257V
CTCF	Q44R
TP53	T284P
TP53	R306
BCL2	V15M
IDH1	R132H
IDH1	R132C
ZNF217	M410V

<b>556 PANEL</b>	<b>CLINICAL REPORT</b>	<b>Date:</b>	March 7, 2016
PATIENT NAME GOES HERE		<b>PATIENT ID</b>	999999
Diagnosis: Squamous epithelial kiwi carcinoma		<b>Misc. ID:</b>	999999

GNAS	R844H
CRKL	R164Q
SOX10	R215Q
EPHB1	V562I
FBXW7	R465H
EPHA5	S873Y
RICTOR	M1341V
MAP3K1	S939C
APC	P2346S
FLT4	E58K
FANCE	P445S
EGFR	V769M
BRAF	V600E
PIK3CG	D358Y
KMT2C	T3017K
PTCH1	E52G
SYK	G5S
BCOR	S26R

**556 PANEL | CLINICAL REPORT**

PATIENT NAME GOES HERE

Diagnosis: Squamous epithelial kiwi carcinoma

**Date:**

March 7, 2016

**PATIENT ID**

999999

**Misc. ID:**

999999

# 1 System and Session Information

LaTeX version: LaTeX<sub>2 $\epsilon$</sub>  2005/12/01

```
system('uname -srv',intern=T)

## [1] "Linux 2.6.32-573.18.1.el6.x86_64 #1 SMP Tue Feb 9 22:46:17 UTC 2016"

sessionInfo()

## R version 3.2.3 (2015-12-10)
## Platform: x86_64-redhat-linux-gnu (64-bit)
## Running under: CentOS release 6.7 (Final)
##
## locale:
##  [1] LC_CTYPE=en_US.UTF-8      LC_NUMERIC=C
##  [3] LC_TIME=en_US.UTF-8      LC_COLLATE=en_US.UTF-8
##  [5] LC_MONETARY=en_US.UTF-8  LC_MESSAGES=en_US.UTF-8
##  [7] LC_PAPER=en_US.UTF-8     LC_NAME=C
##  [9] LC_ADDRESS=C             LC_TELEPHONE=C
## [11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=C
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
## [1] Hmisc_3.17-1    ggplot2_2.0.0   Formula_1.2-1   survival_2.38-3
## [5] lattice_0.20-33 xtable_1.8-2    knitr_1.12.3
##
## loaded via a namespace (and not attached):
##  [1] Rcpp_0.12.3      cluster_2.0.3    magrittr_1.5
##  [4] splines_3.2.3    munsell_0.4.2    colorspace_1.2-6
##  [7] stringr_1.0.0    highr_0.5.1      plyr_1.8.3
## [10] tools_3.2.3      nnet_7.3-12      grid_3.2.3
## [13] gtable_0.1.2     latticeExtra_0.6-26 gridExtra_2.0.0
## [16] RColorBrewer_1.1-2 formatR_1.2.1     acepack_1.3-3.3
## [19] rpart_4.1-10     evaluate_0.8      stringi_1.0-1
## [22] scales_0.3.0     foreign_0.8-66
```