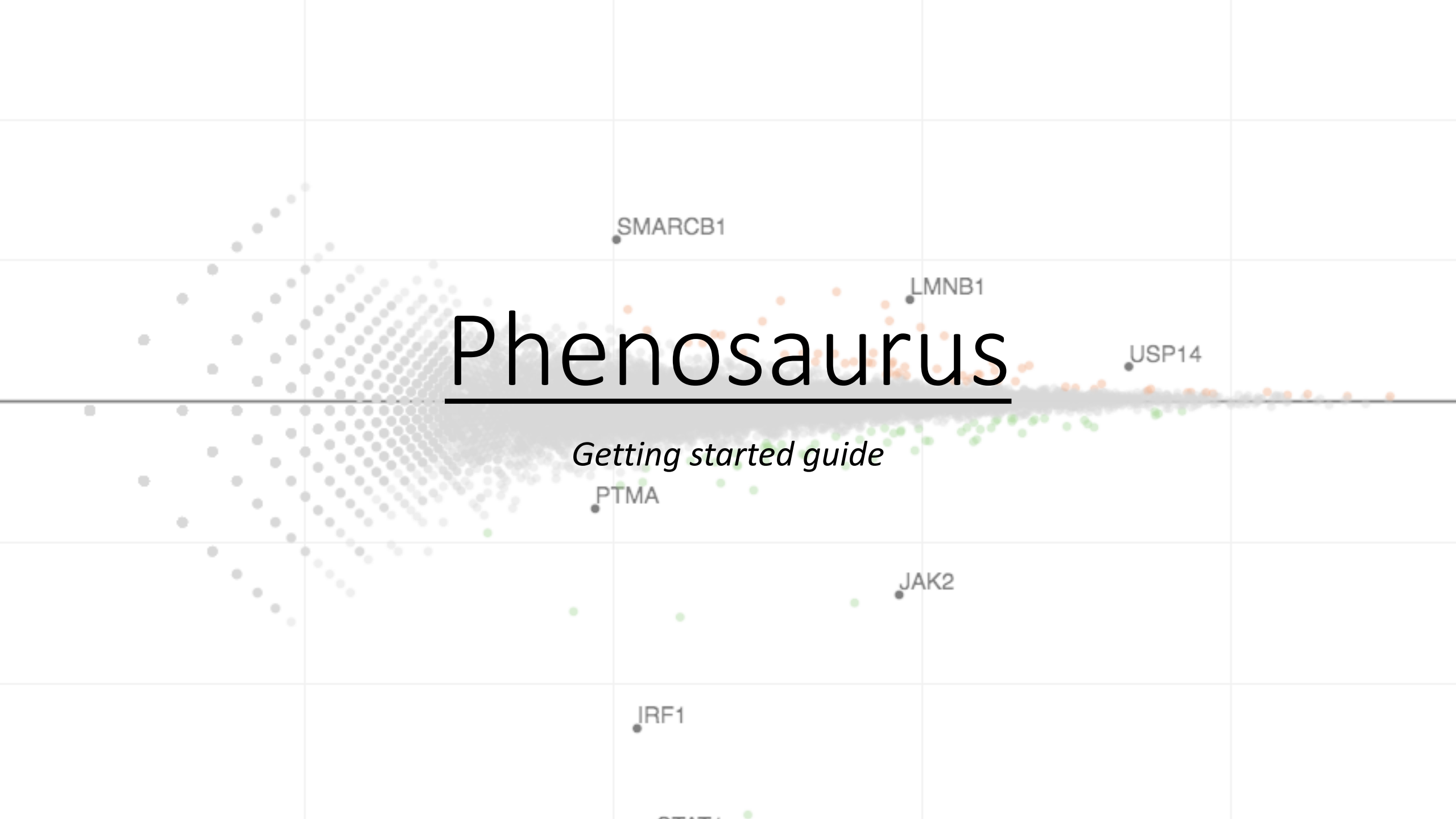
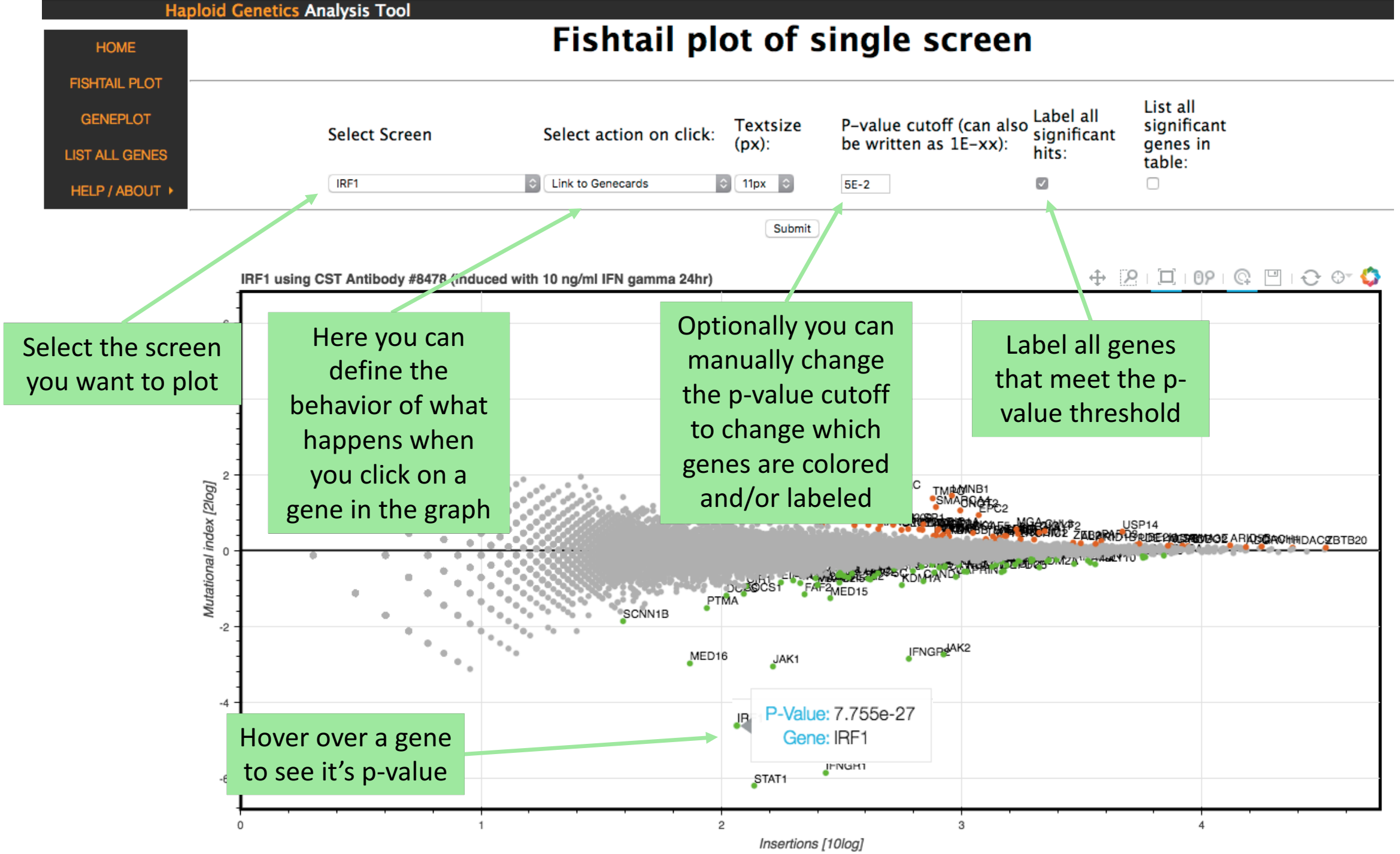


Phenosaurus

Getting started guide


Haploid Genetics Analysis Tool
HOME
FISHTAIL PLOT
GENEPLOT
LIST ALL GENES
HELP / ABOUT
Fishtail plot of single screen
Select Screen
IRF1
Select action on click:
Link to Genecards
Textsize (px):
11px
P-value cutoff (can also be written as 1E-xx):
5E-2
Label all significant hits:
List all significant genes in table:
Submit
IRF1 using CST Antibody #8478 (induced with 10 ng/ml IFN gamma 24hr)
Mutational index [2log]
Insertions [10log]
P-Value: 7.755e-27
Gene: IRF1
SCNN1B
PTMA
MED15
MED16
JAK1
JAK2
STAT1
USP14
Select the screen you want to plot
Here you can define the behavior of what happens when you click on a gene in the graph
Optionally you can manually change the p-value cutoff to change which genes are colored and/or labeled
Label all genes that meet the p-value threshold
Hover over a gene to see it's p-value

Haploid Genetics Analysis Tool

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Fishtail plot of single screen

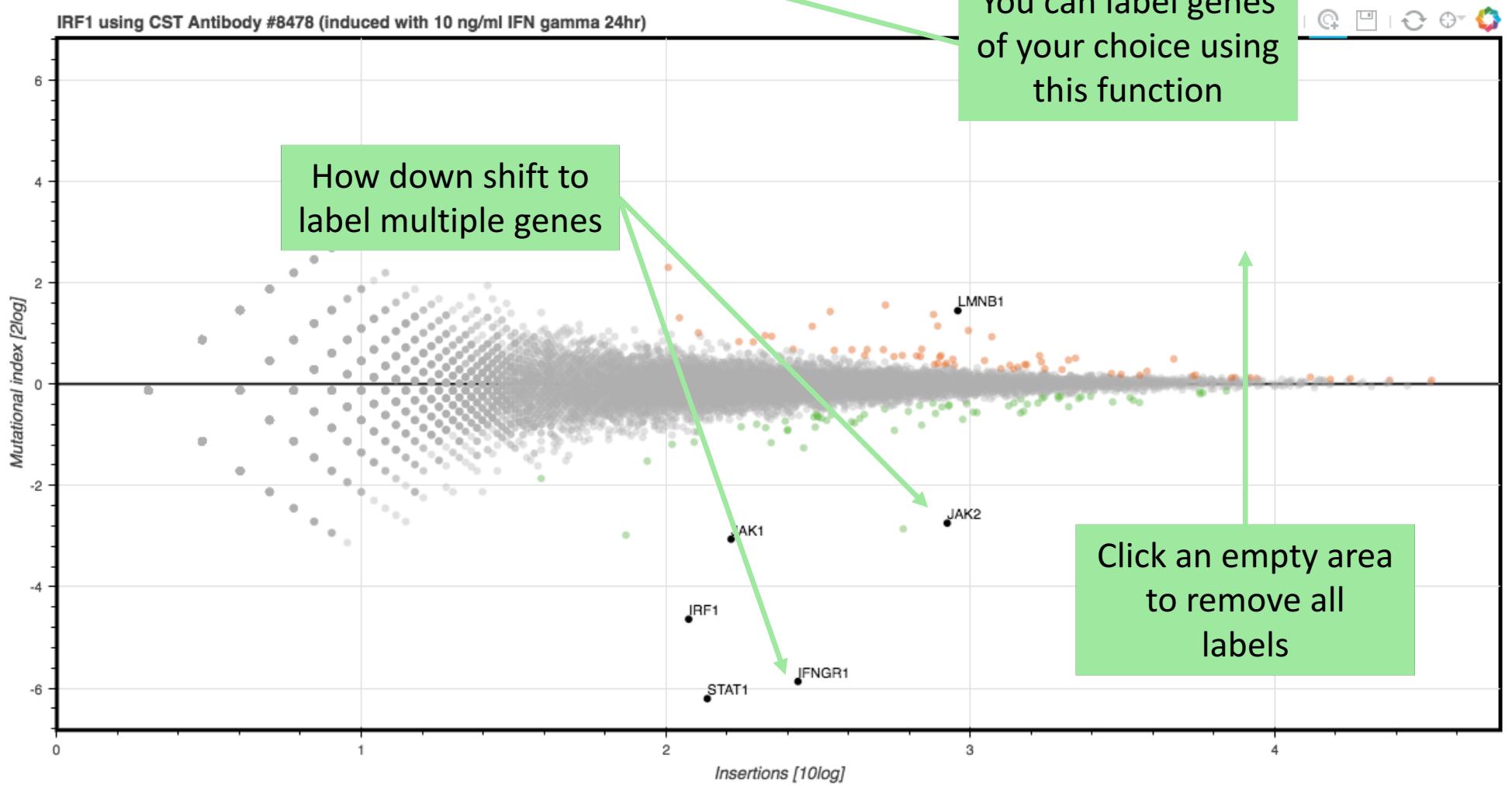
Select Screen: IRF1 | Select action on click: Link to Genecards | Textsize (px): 11px | P-value cutoff (can also be written as 1E-xx): 5E-2 | Label all significant hits: ☐ | List all significant genes in table: ☐

Submit

You can label genes of your choice using this function

How down shift to label multiple genes

Click an empty area to remove all labels



Haploid Genetics Analysis Tool

Gene Finder

HOME
FISHTAIL PLOT
GENEPLOT
LIST ALL GENES
HELP / ABOUT

Select screen(s)

glycosylated LAMP1
GNB1
GNB1 in KCTD5 knockout
Histone H2A(K119) crotonylation
Histone H3(K27) trimethylation
IRF1
non-phospho-beta-Catenin
phospho-AKT
phospho-AKT in KCTD5 knockout
phospho-ERK
phospho-p38
spliced XBP1

Enter genename(s), space separated:

KRAS

P-value cutoff (can also be written as 1E-xx):

0,05

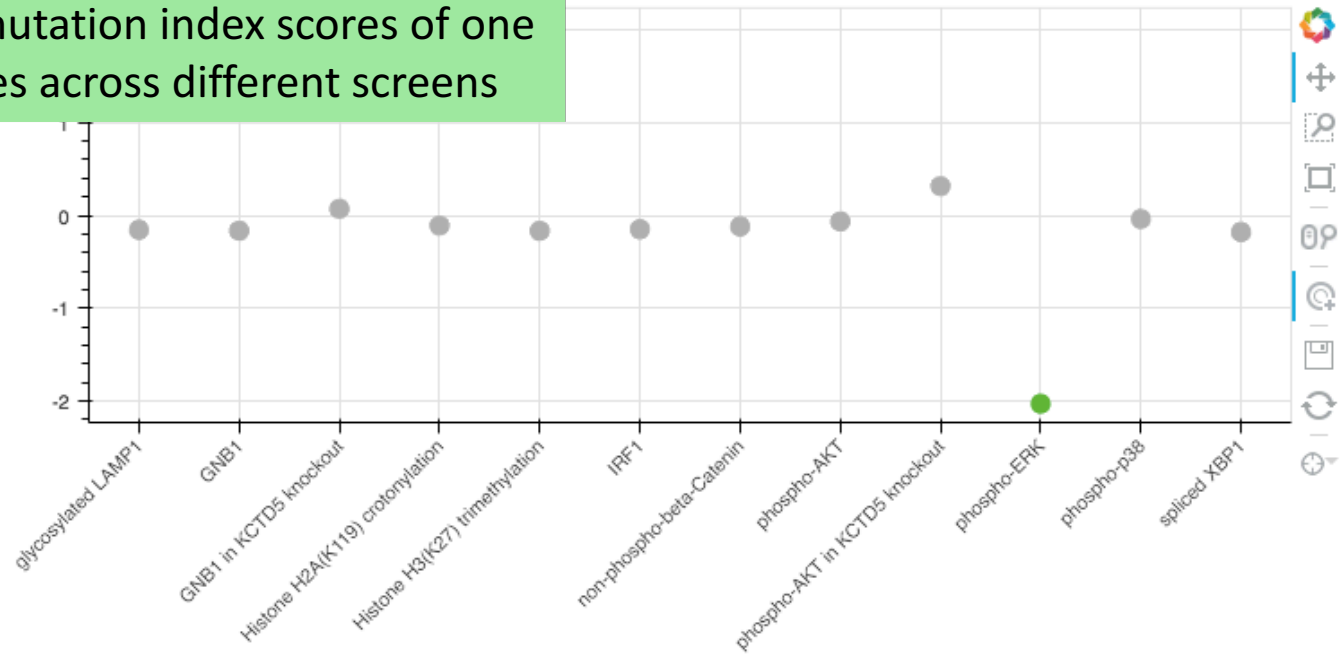
Plot width:

small: 800px

Enter one ore more gene names (space separate and CAPITALIZED)

Select one or more screens, hold down SHIFT to select multiple or use ⌘-A / CTRL-A to select all

The 'Geneplot' functions allows you to compare the mutation index scores of one or more genes across different screens



HOME
FISHTAIL PLOT
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LIST ALL GENES
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Genes

name	chromosome	orientation
A1BG	19	-
A1CF	10	-
A2M	12	-
A2ML1	12	+
A3GALT2	1	-
A4GALT	22	-
A4GNT	3	-
AAAS		-
AACS		+
AADAC		+
AADACL2		+
AADACL3	1	+
AADACL4	1	+
AADAT	4	-
AAED1	9	-
AAGAB	15	-
AAK1	2	-
AAMDC	11	+
AAMP	2	-
AANAT	17	+
AAR2	20	+
AARD	8	+
AARS	16	-
AARS2	6	-
AARSD1	17	-
AASDH	4	-
AASDHPPT	11	+
AASS	7	-
AATF	17	+
AATK	17	-

Here you can find all genes in the database and identify their name

On the bottom right of the graph is a bar that lets you zoom, scale, reset the zoom-level and save the graph

Drag a certain area of the graph to the center with your arrow

Draw a box around a region of interest and zoom into it

Resize the whole window of the graph

The button lets you zoom in using the scroll function of your mouse. If you put your arrow OUTSIDE the graph next to an axis it allows you to zoom in only over that axis

Save the graph to a PNG file. SVG files are unfortunately not yet supported.

Reset the layout of the graph to its default view.

Questions?

- We are more than curious about your experience with the tool, so please feel free to contact us with any questions or suggestions you might have.

- Found a bug? Please let us know!

- Contact: Elmer Stickel e.stickel@nki.nl