## Code ▼

## R Project

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```
library(readr)
res<- read.csv("res.csv", row.names = 1)
head(res)</pre>
```

GeneSymbol <fctr></fctr>	<b>baseMean</b> <dbl></dbl>	log2FoldChange <dbl></dbl>	IfcSE <dbl></dbl>	stat <dbl></dbl>	<b>pvalue</b> <dbl></dbl>	<b>padj</b> <dbl></dbl>
1 DDX11L1	0	NA	NA	NA	NA	NA
2 WASH7P	0	NA	NA	NA	NA	NA
3 MIR6859-3	0	NA	NA	NA	NA	NA
4 MIR6859-2	0	NA	NA	NA	NA	NA
5 MIR6859-1	0	NA	NA	NA	NA	NA
6 MIR6859-4	0	NA	NA	NA	NA	NA
6 rows						

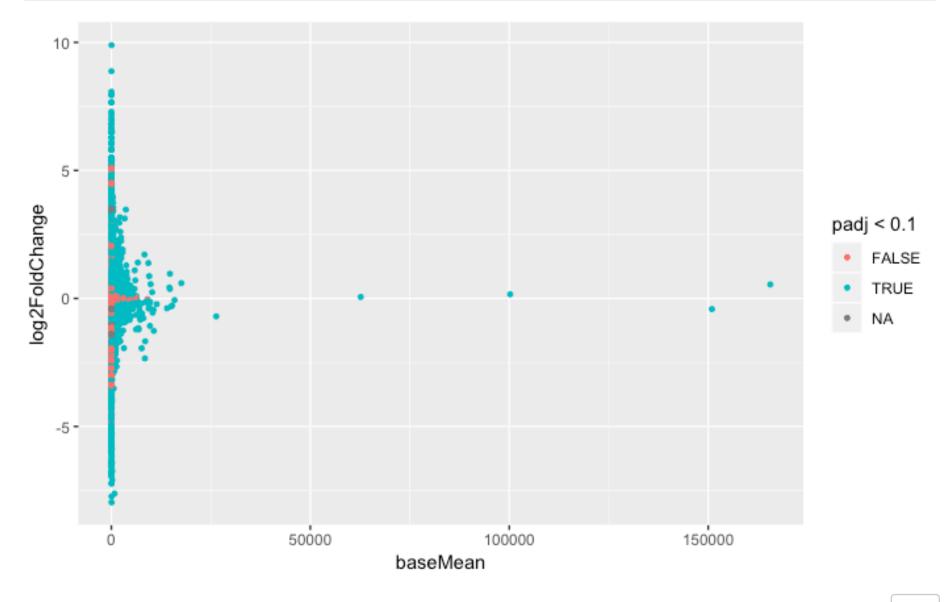
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final <- as.data.frame(res)
head(final)</pre>

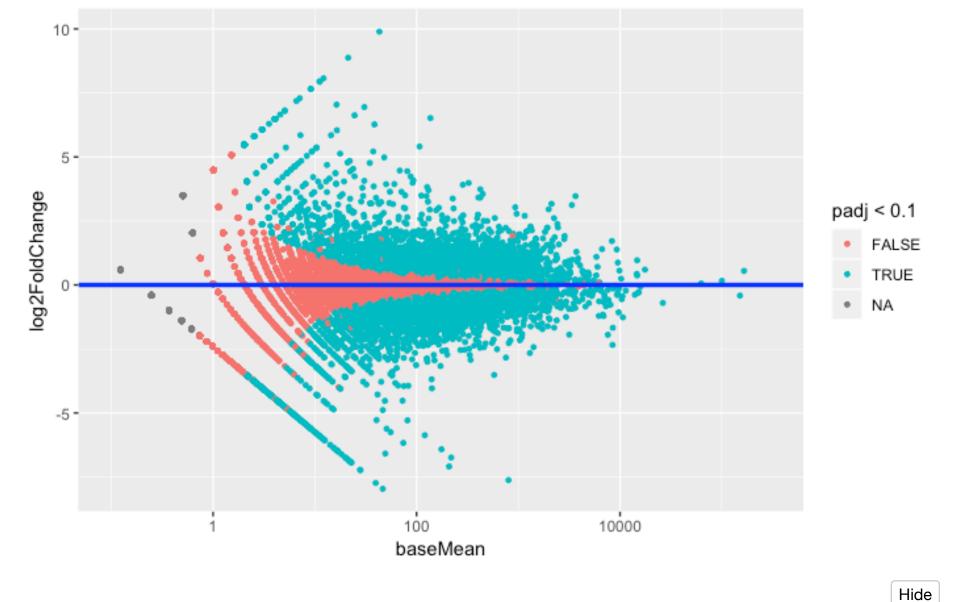
GeneSymbol <fctr></fctr>	<b>baseMean</b> <dbl></dbl>	log2FoldChange <dbl></dbl>	IfcSE <dbl></dbl>	stat <dbl></dbl>	<b>pvalue</b> <dbl></dbl>	<b>padj</b> <dbl></dbl>
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6 MIR6859-4	0	NA	NA	NA	NA	NA
6 rows						

```
library(ggplot2)
ggplot(final, aes(x=baseMean, y=log2FoldChange)) +
  geom_point(aes(colour = padj<0.1), size=1)</pre>
```

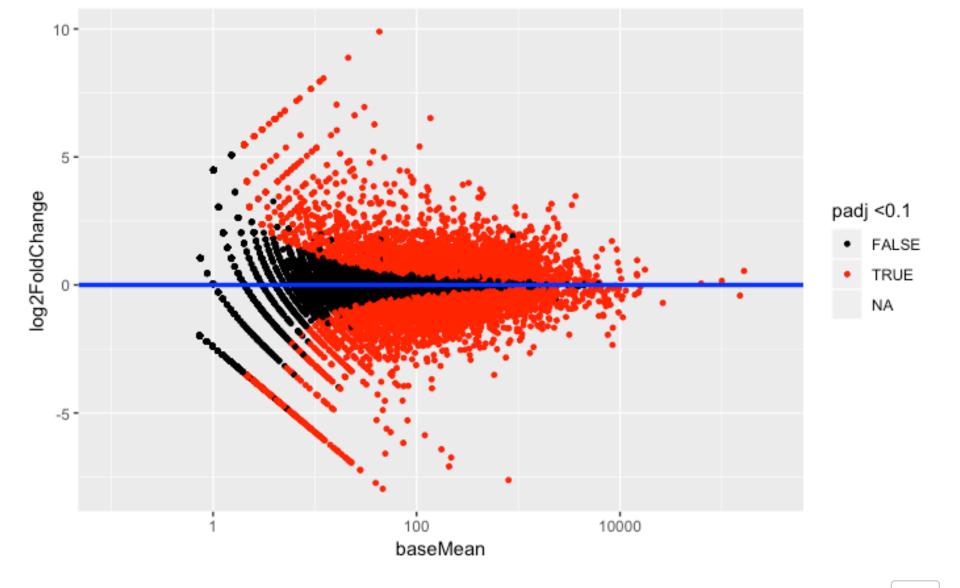


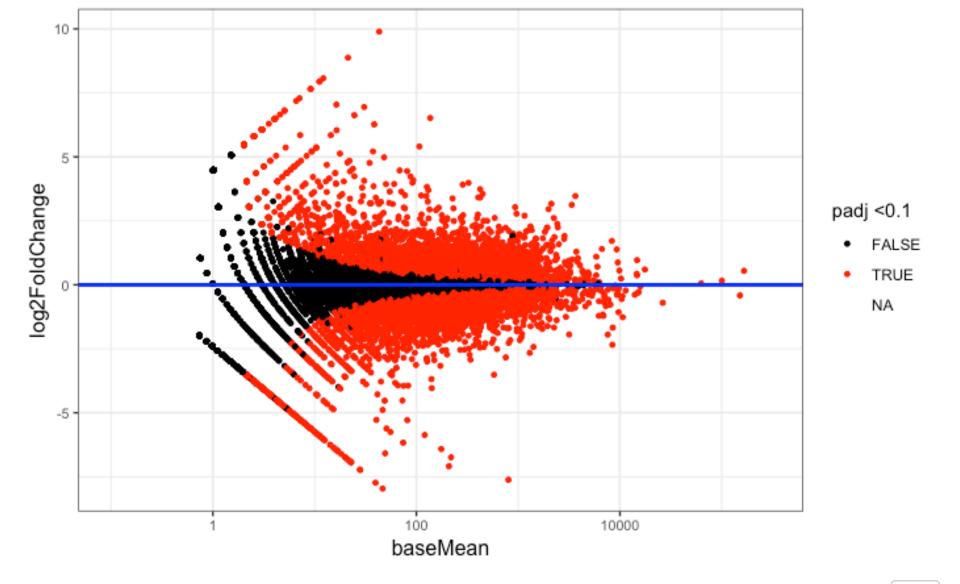
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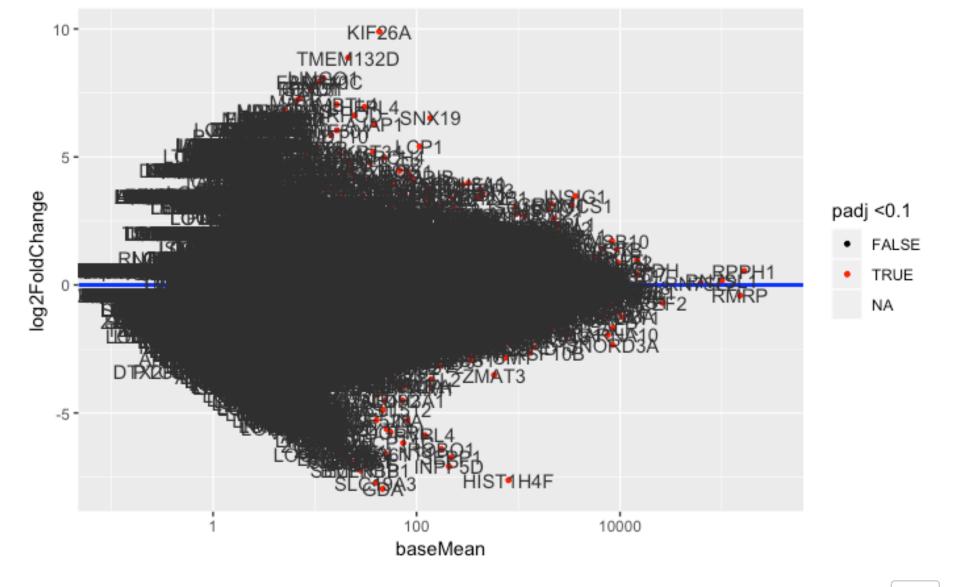
```
ggplot(final, aes(x=baseMean, y=log2FoldChange)) +
  geom_point(aes(colour = padj<0.1), size=1)+
  geom_hline(aes(yintercept =0), colour ="blue", size =1.2)+
  scale_x_continuous(trans = "log10", limits = c(0.1, 300000))</pre>
```



```
ggplot(final, aes(x=baseMean, y=log2FoldChange)) +
  geom_point(aes(colour = padj<0.1), size=1)+
  geom_hline(aes(yintercept =0), colour ="blue", size =1.2)+
  scale_color_manual(name='padj <0.1', values = setNames(c('red', 'black'), c(T,F)))+
  scale_x_continuous(trans = "log10", limits = c(0.1, 300000))</pre>
```







	GeneSym <fctr></fctr>	baseMean <dbl></dbl>	log2FoldChange <dbl></dbl>	IfcSE <dbl></dbl>	stat <dbl></dbl>	<b>pvalue</b> <dbl></dbl>	
37	ISG15	932.3712	3.0334576	0.08004379	37.89748	0.000000e+00	0.0
159	ERRFI1	1831.0891	2.0643043	0.05299500	38.95282	0.000000e+00	0.0
3414	SCD	2829.6049	1.7920463	0.04309464	41.58397	0.000000e+00	0.0
5182	HSPA8	2275.2478	1.8642108	0.04748086	39.26236	0.000000e+00	0.0
7246	RPPH1	165600.4365	0.5467732	0.00953963	57.31598	0.000000e+00	0.0
8273	GREM1	2120.1368	3.1703884	0.05797584	54.68464	0.000000e+00	0.0
9665	MT2A	2451.8712	2.2471130	0.04756282	47.24516	0.000000e+00	0.0
13196	3 FTL	14733.3347	0.9636975	0.02151414	44.79367	0.000000e+00	0.0

14255 TMSB10	8320.9946	1.7122875	0.02759413	62.05260	0.000	0000	9+0C	0.0
19358 MSMO1	1989.8795	2.9555778	0.05665227	52.17051	0.000	0000	e+00	0.0
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