

```
> trpb<-read.csv("finaltrpb.csv")
```

```
#One-Way ANOVA
```

```
> anova(lm(Expression~Condition, data=trpb))
```

```
Analysis of Variance Table
```

```
Response: Expression
```

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
Condition	2	5.1456	2.57278	29.645	0.0007761 ***
Residuals	6	0.5207	0.08679		

```
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```

```
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
#Pair-wise t-test with bonferronis correction for multiple comparisons
```

```
> pairwise.t.test(trpb$Expression, trpb$Condition, p.adj="bonferroni")
```

Pairwise comparisons using t tests with pooled SD

```
data: trpb$Expression and trpb$Condition
```

12UT	18UT
18UT	0.44870 -
6BPD	0.00383 0.00098