3b. Swissprot and Fruit fly (10e^-10)

**Initial Count**

| Total number of genes | 16229 |
| --- | --- |
| After filtering, the number of descendant genes is | **2948 Desc** |
| After fitting, the number of outliers is | 8 Desc out of 69 |

**Differential Analysis Results**

|  | **BAT.E** | **BIC.E** | **BAT.E - BIC.E** | **E** | **E + BAT.E** | **E + BIC.E** |
| --- | --- | --- | --- | --- | --- | --- |
| Removed by Ind. Filtering | 1913 Desc *out of 9682* | 1638 Desc *out of 8249* | 1972 Desc *out of 9970* | 2602 Desc *out of 14085* | 1815 Desc *out of 9100* | 1638 Desc *out of 8249* |
| Final descendants for testing | 1027 Desc | 1302 Desc | 968 Desc | 338 Desc | 1125 Desc | 1302 Desc |
| **Signif. DE genes** | **86 Desc** *out of 587* | **25 Desc** *out of 153* | **42 Desc** *out of 232* | **16 Desc** *out of 113* | **172 Desc** *out of 1075* | **60 Desc** *out of 313* |
| *Overrepresented Test* | *pval = 0.9875* | *pval = 0.6793* | *pval = 0.4686* | *pval = 0.8379* | *pval = 0.9702* | *pval = 0.2912* |