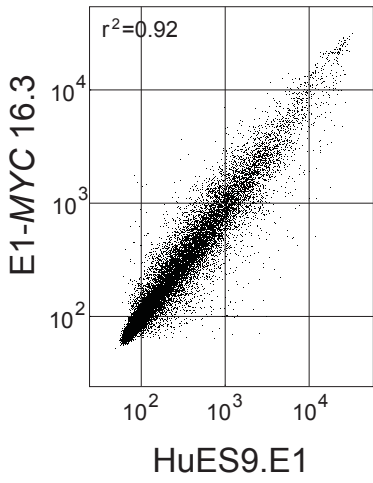
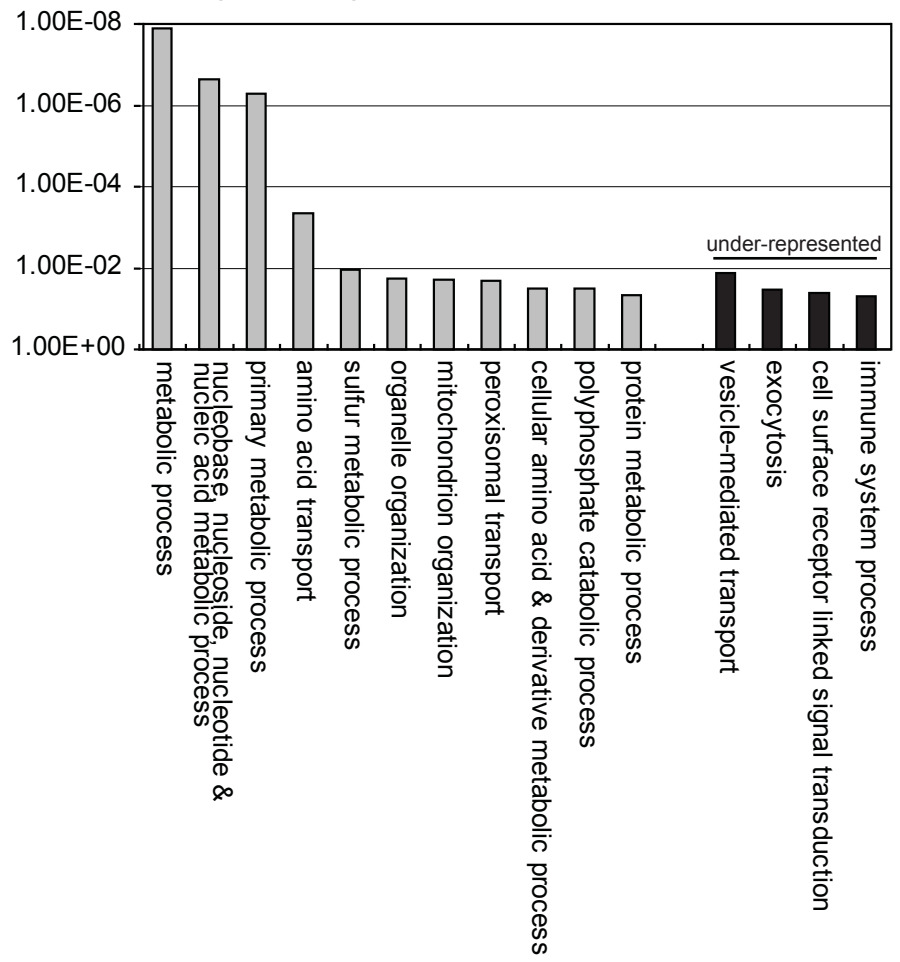


a)



b)

### Upregulated genes



c)

### Downregulated genes

