

# Transcription vs Metilation

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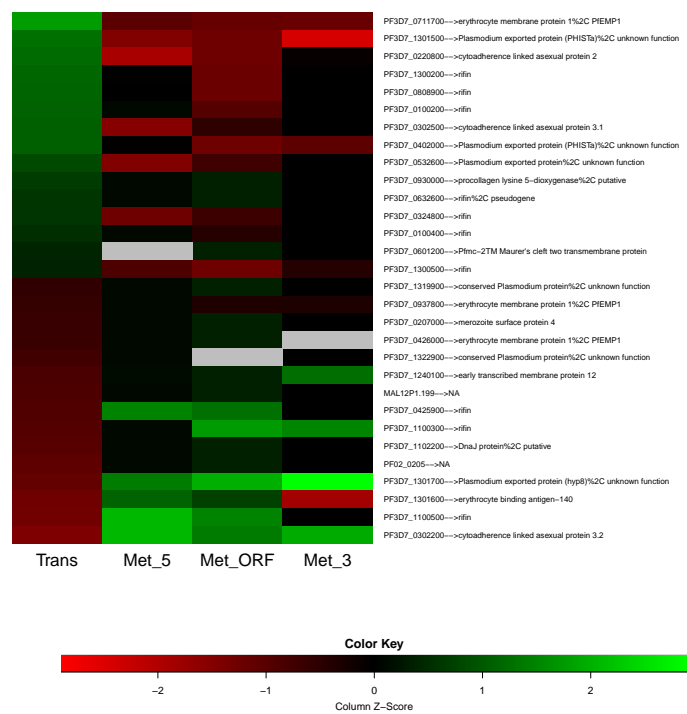
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# 1 Heatmaps filtrats i ordenats per Transcripció

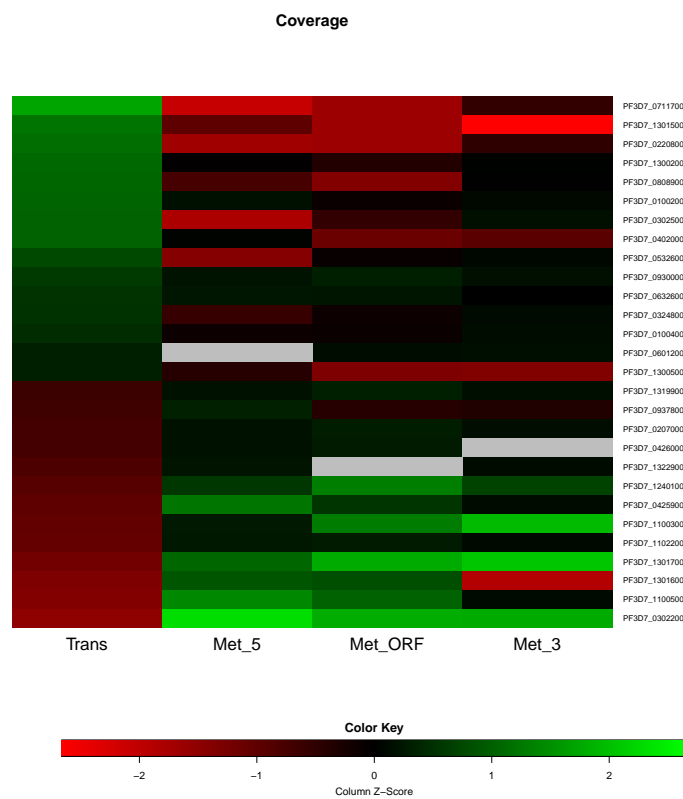
## 1.1 Percentatge de gen covert

```
## [1] "erythrocyte membrane protein 1%2C PfEMP1"  
## [1] "Plasmodium exported protein (PHISTa)%2C unknown function"  
## [1] "cytoadherence linked asexual protein 2"  
## [1] "rifin"  
## [1] "rifin"  
## [1] "rifin"  
## [1] "cytoadherence linked asexual protein 3.1"  
## [1] "Plasmodium exported protein (PHISTa)%2C unknown function"  
## [1] "Plasmodium exported protein%2C unknown function"  
## [1] "procollagen lysine 5-dioxygenase%2C putative"  
## [1] "rifin%2C pseudogene"  
## [1] "rifin"  
## [1] "rifin"  
## [1] "Pfmc-2TM Maurer's cleft two transmembrane protein"  
## [1] "rifin"  
## [1] "conserved Plasmodium protein%2C unknown function"  
## [1] "erythrocyte membrane protein 1%2C PfEMP1"  
## [1] "merozoite surface protein 4"  
## [1] "erythrocyte membrane protein 1%2C PfEMP1"  
## [1] "conserved Plasmodium protein%2C unknown function"  
## [1] "early transcribed membrane protein 12"  
## [1] NA  
## [1] "rifin"  
## [1] "rifin"  
## [1] "DnaJ protein%2C putative"  
## [1] NA  
## [1] "Plasmodium exported protein (hyp8)%2C unknown function"  
## [1] "erythrocyte binding antigen-140"  
## [1] "rifin"  
## [1] "cytoadherence linked asexual protein 3.2"
```

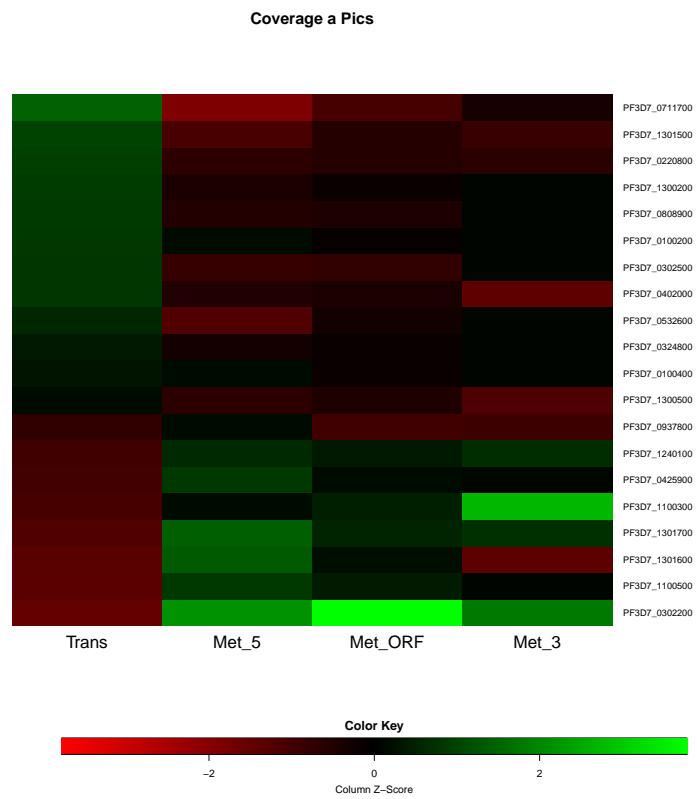
Percentatge de Metilació



## 1.2 Coverage



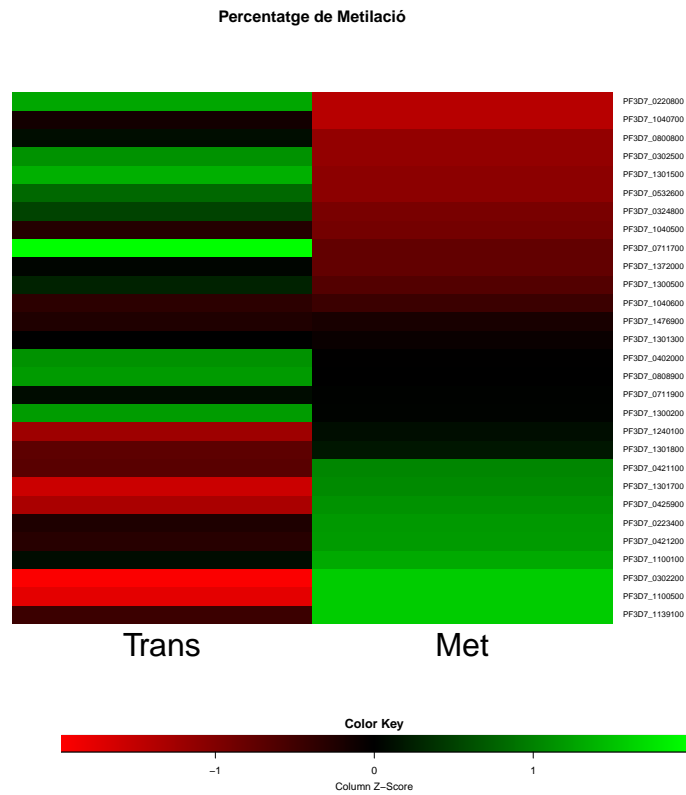
### 1.3 Coverage en Pics



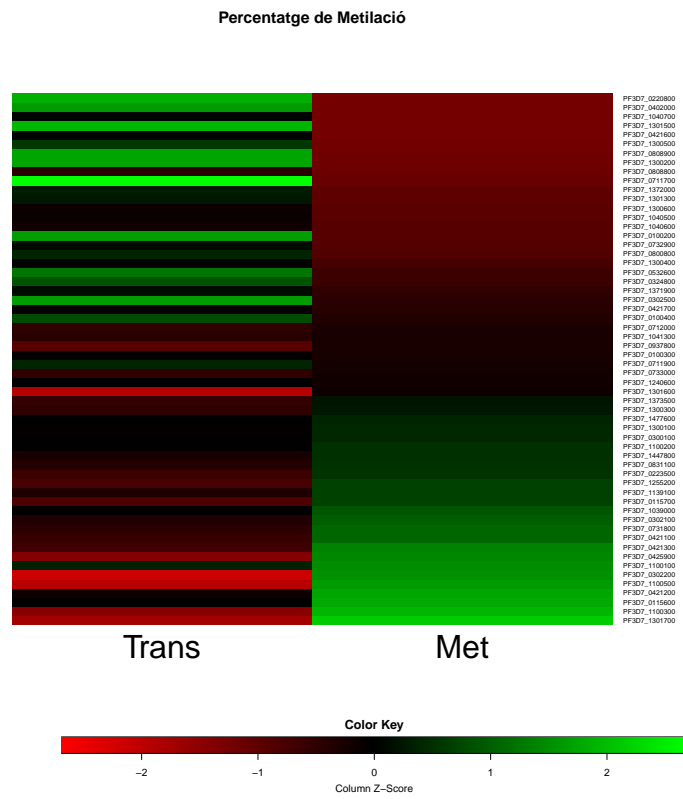
## 2 Heatmaps filtrats i ordenats per Metilació

### 2.1 Percentatge de gen covert

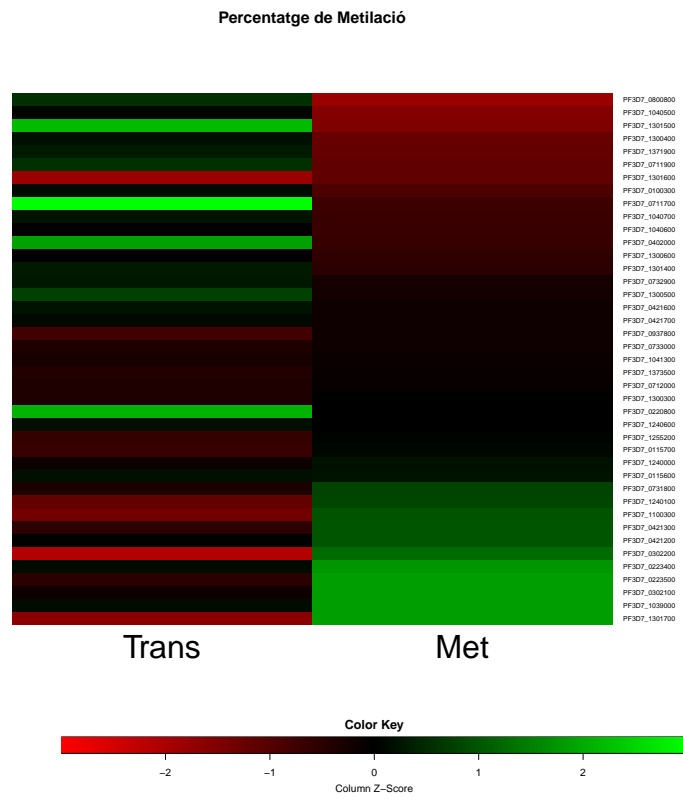
#### 2.1.1 Percentatge de gen covert 5



## 2.1.2 Percentatge de gen covert ORF



### 2.1.3 Percentatge de gen covert 3

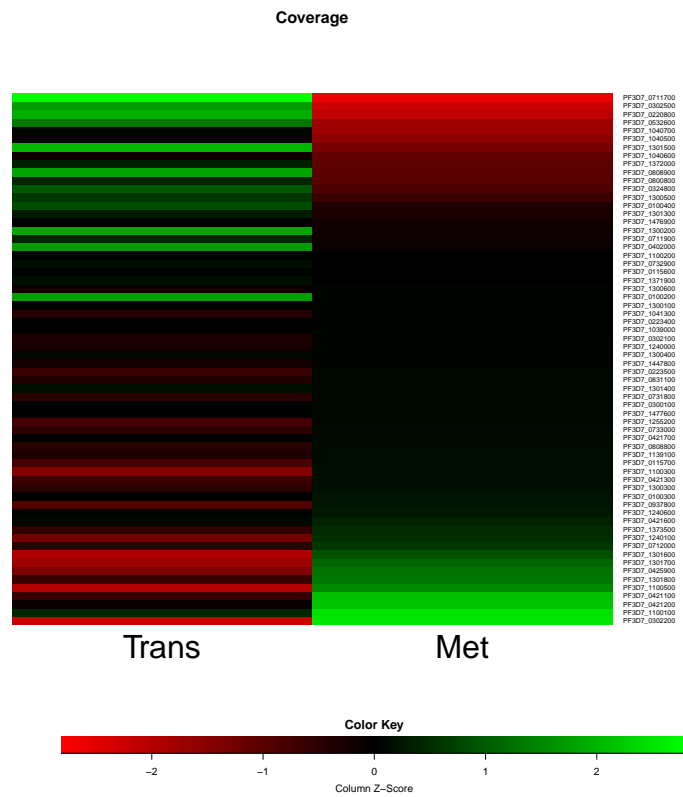




## 2.2 Coverage

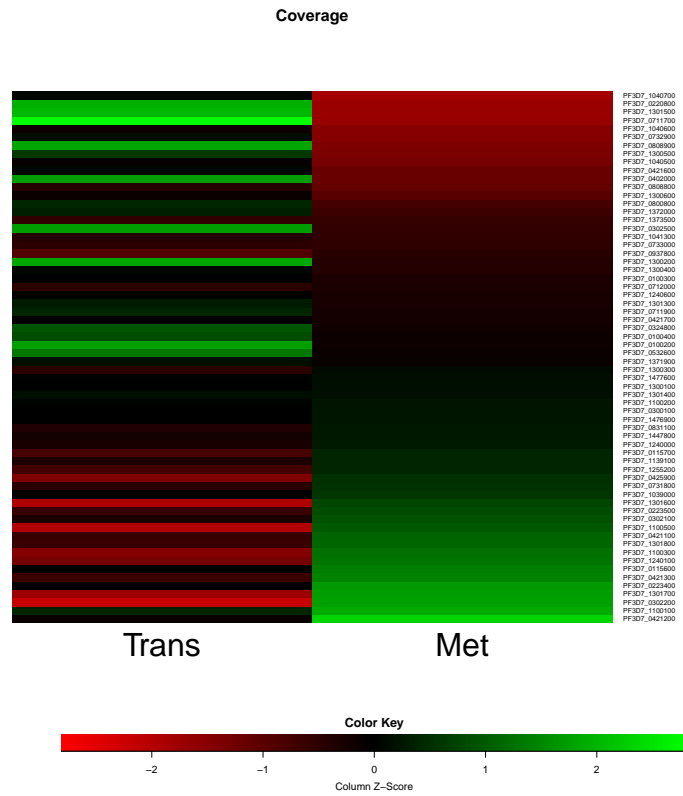
### 2.2.1 Coverage 5

```
## [1] -0.6729804  
## [1] -0.7491758
```



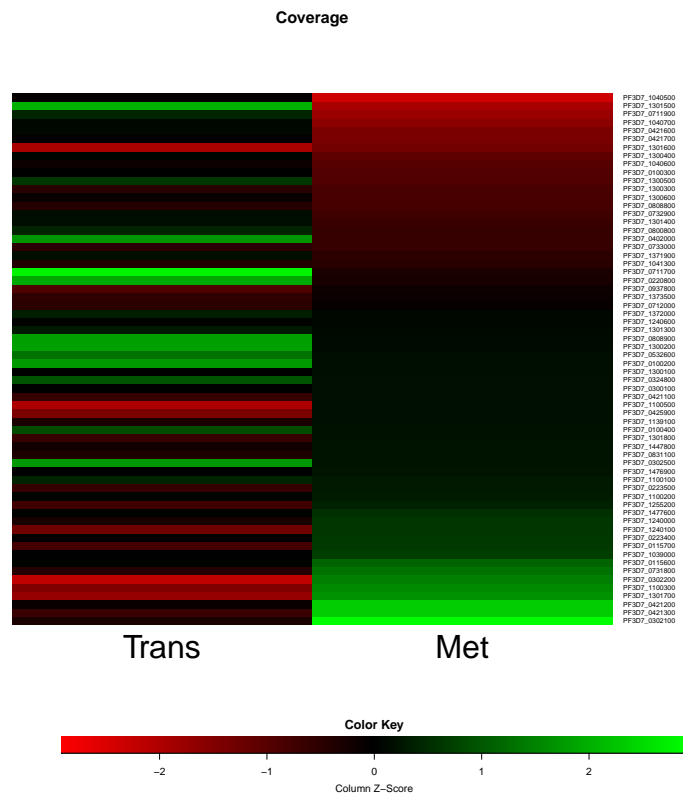
## 2.2.2 Coverage ORF

```
## [1] -0.5841501
## [1] -0.5648352
```



### 2.2.3 Coverage 3

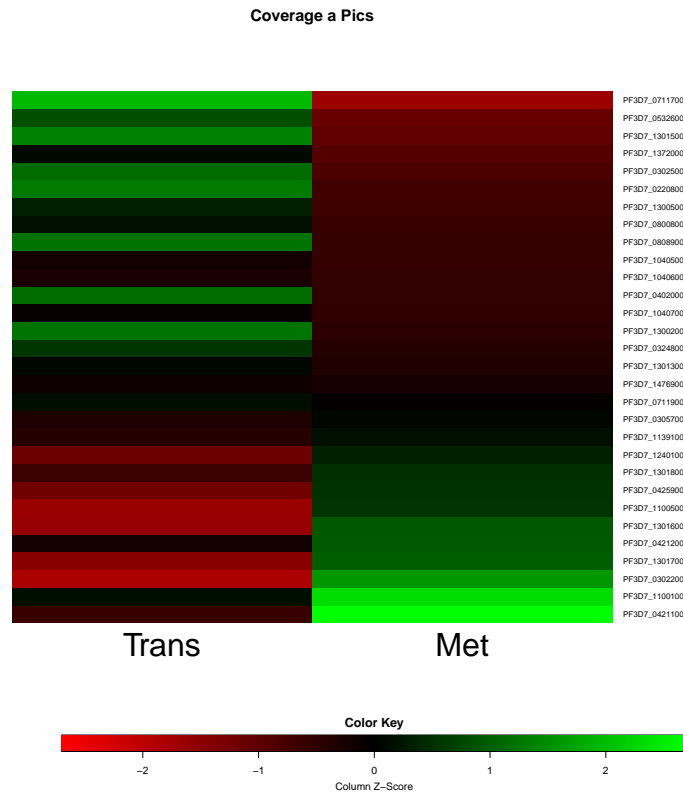
```
## [1] -0.2667113
## [1] -0.3522786
```



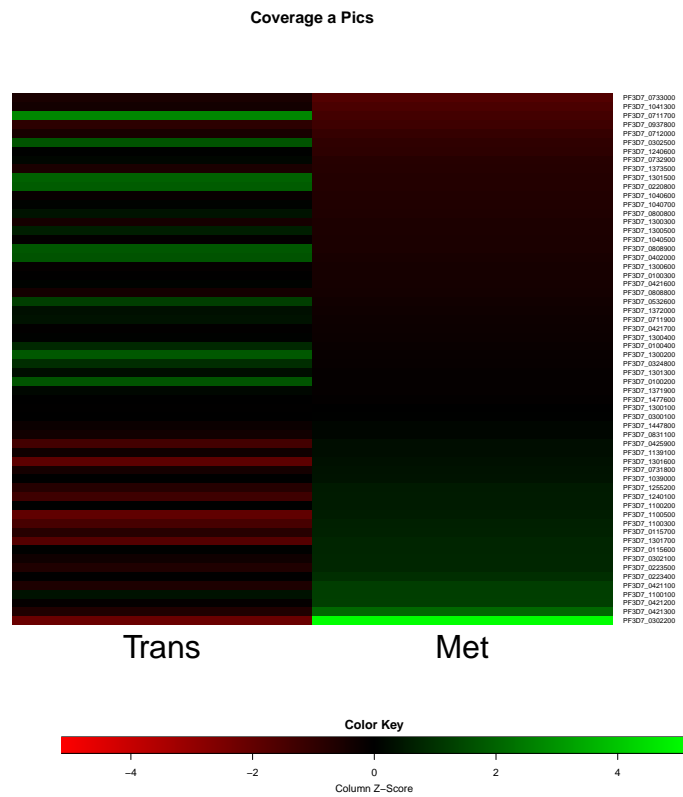
## 2.3 Coverage en Pics

S'han exclòs els 0s (gens als quals no hi ha pic a 5'/ORF/3').

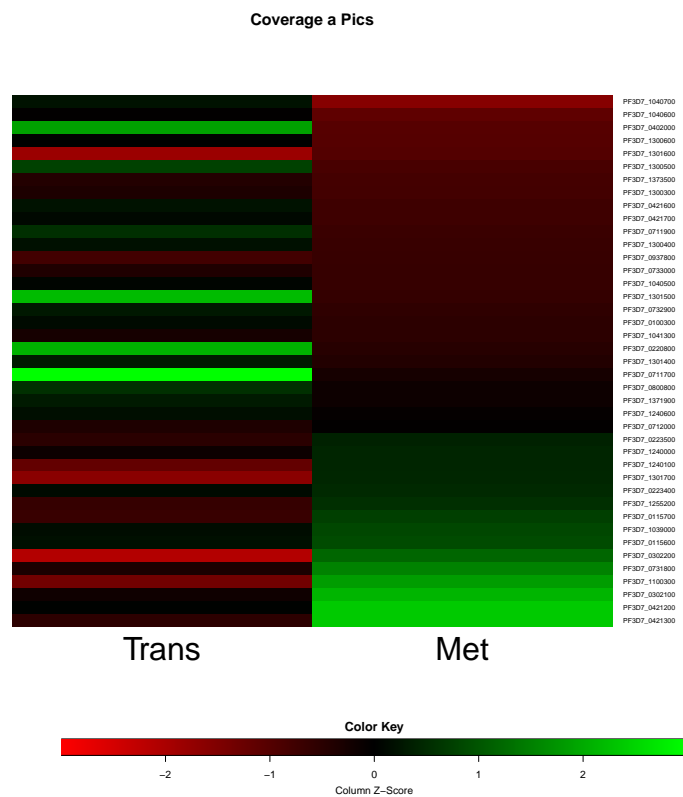
### 2.3.1 Coverage en Pics 5



### 2.3.2 Coverage en Pics ORF



### 2.3.3 Coverage en Pics 3

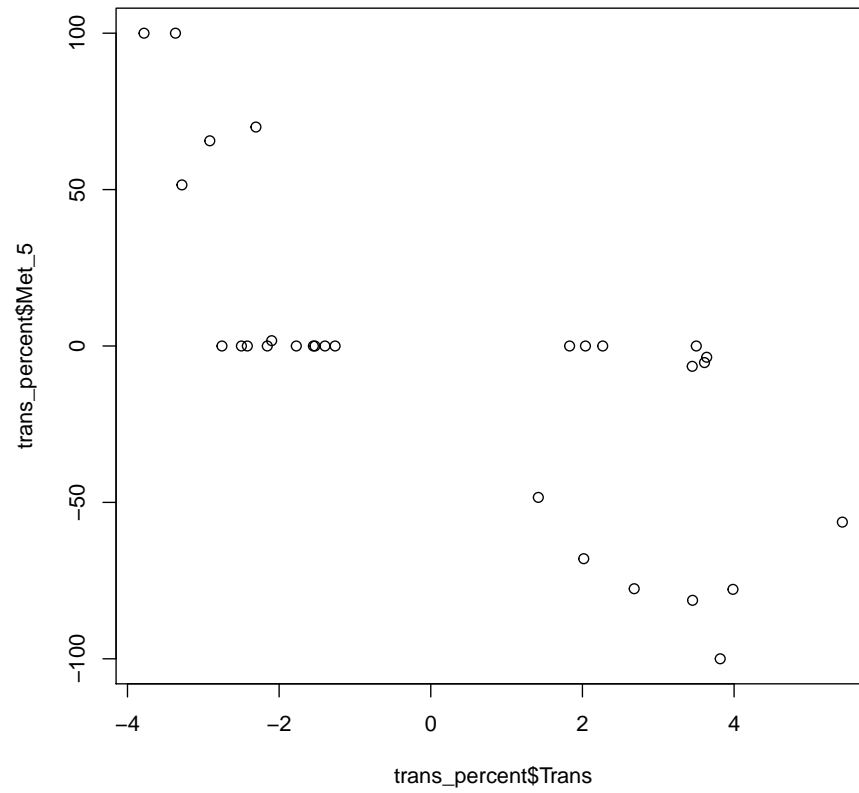


## **3 Anàlisi de correlació**

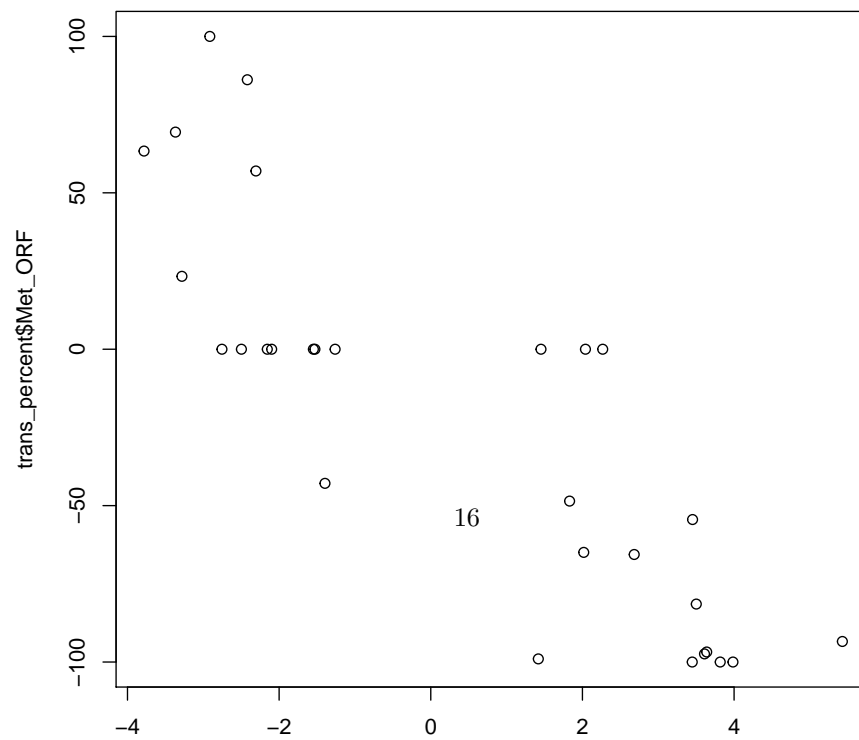
### **3.1 Gràfics**

#### **3.1.1 Filtrats per Transcripció**

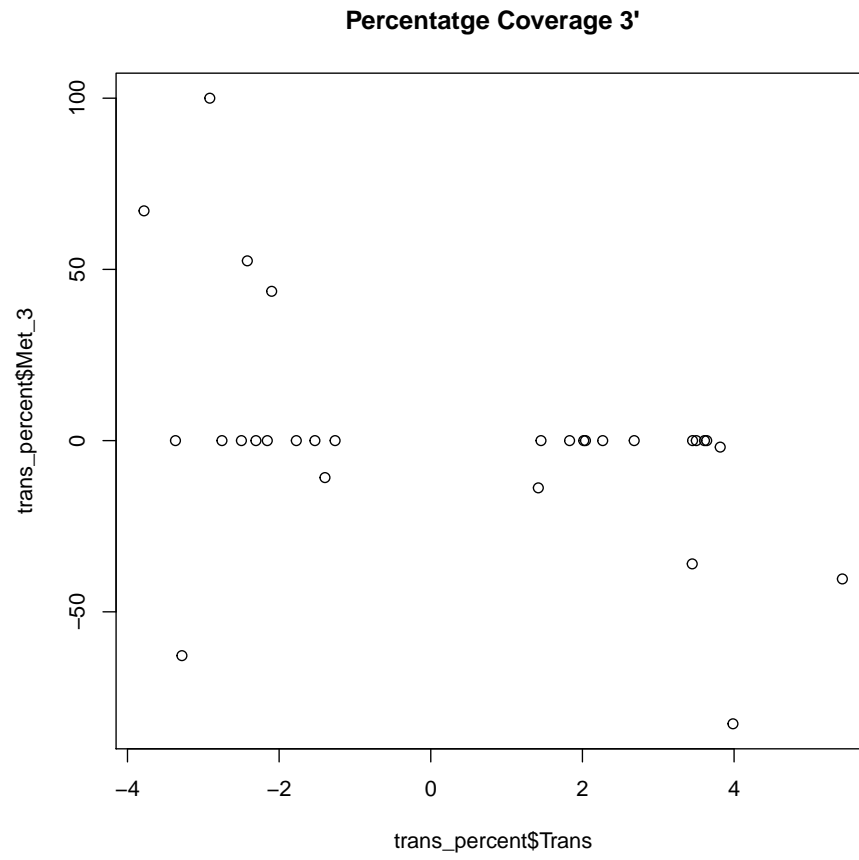
**Percentatge Coverage 5'**

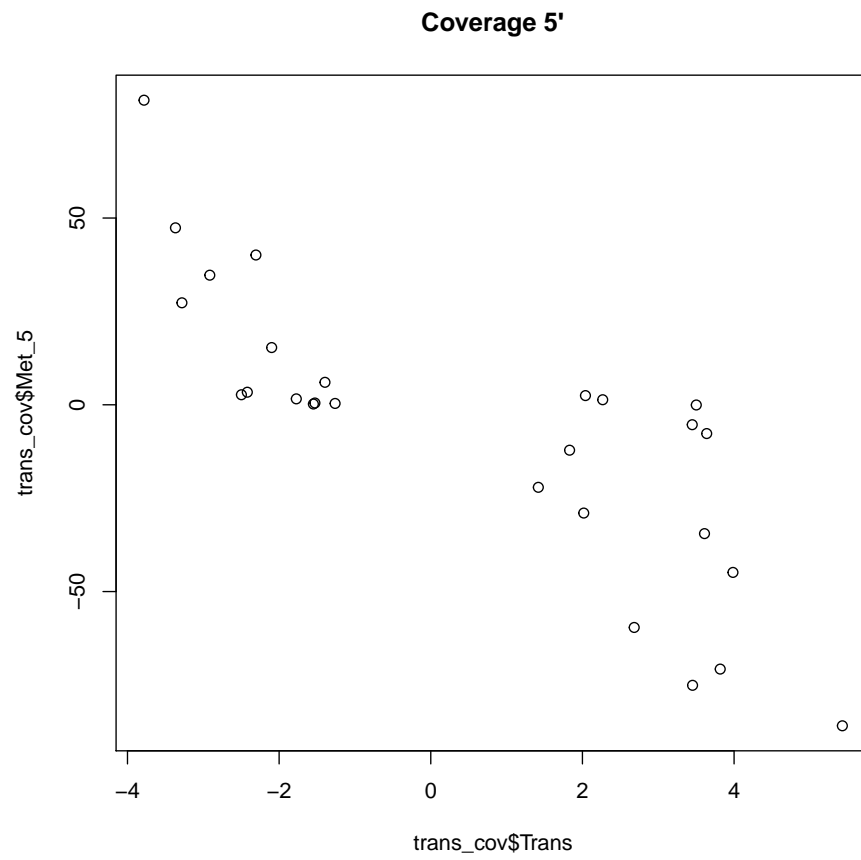


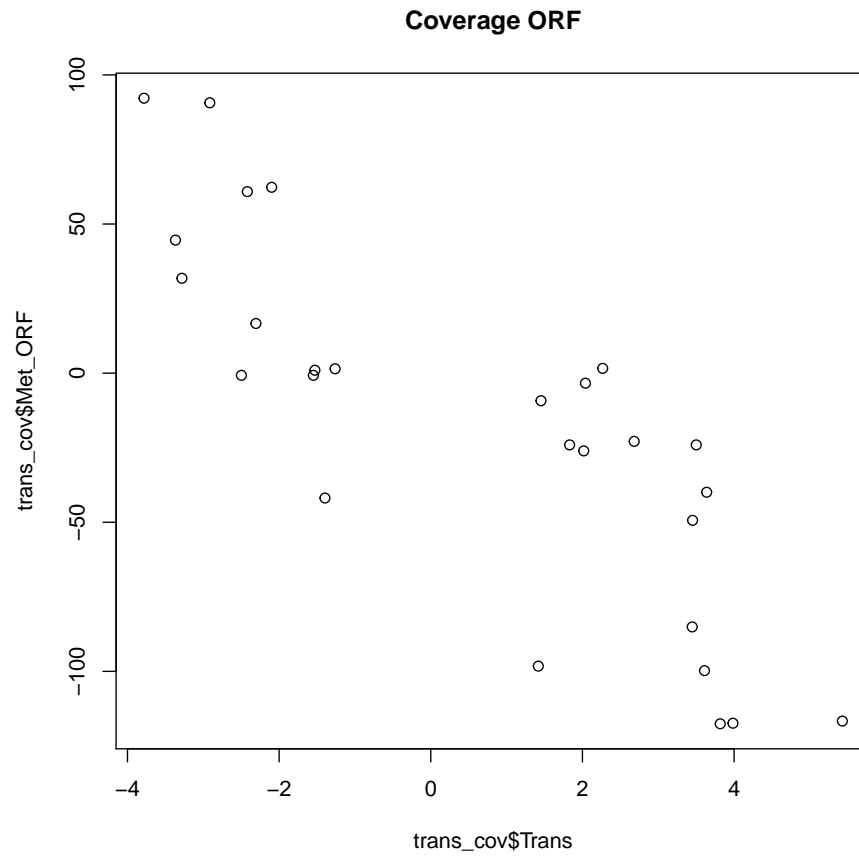
**Percentatge Coverage ORF'**

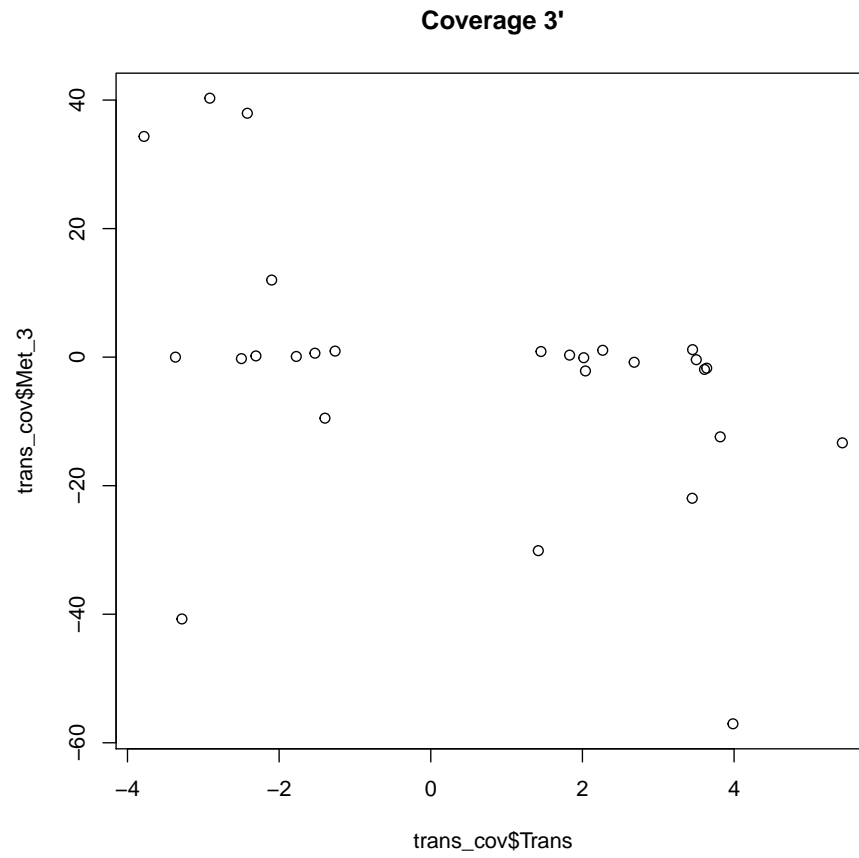


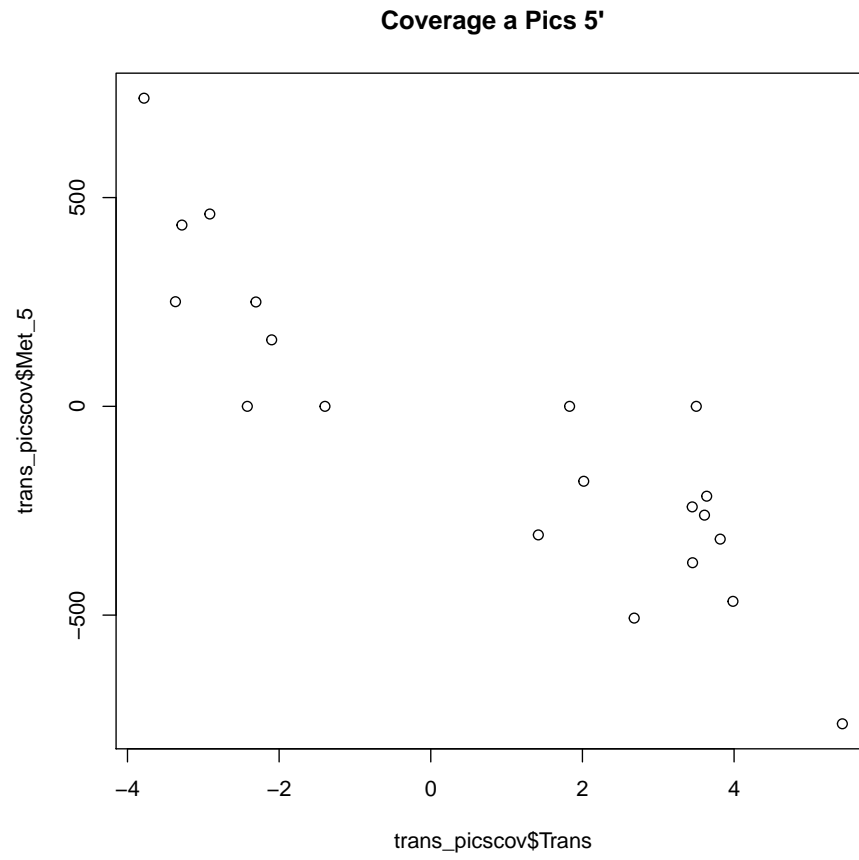




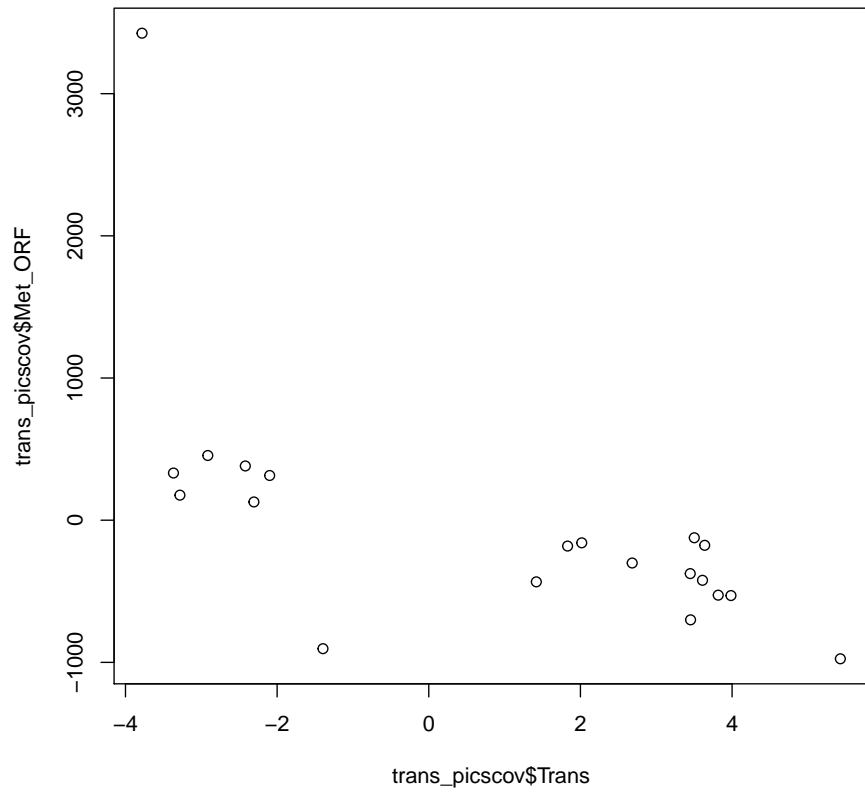




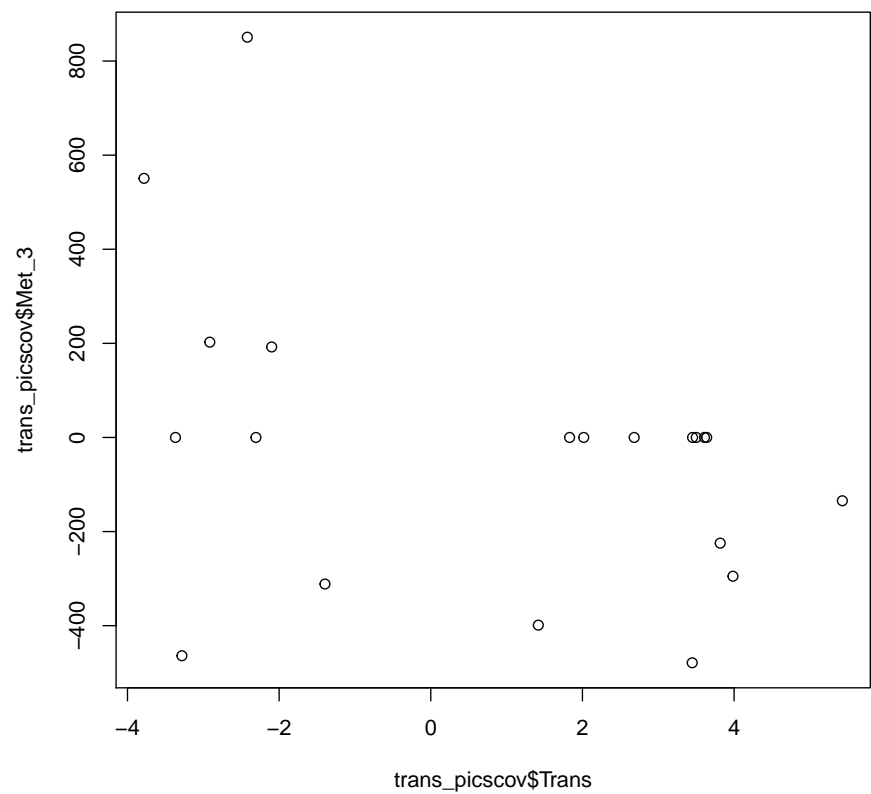




Coverage a Pics ORF



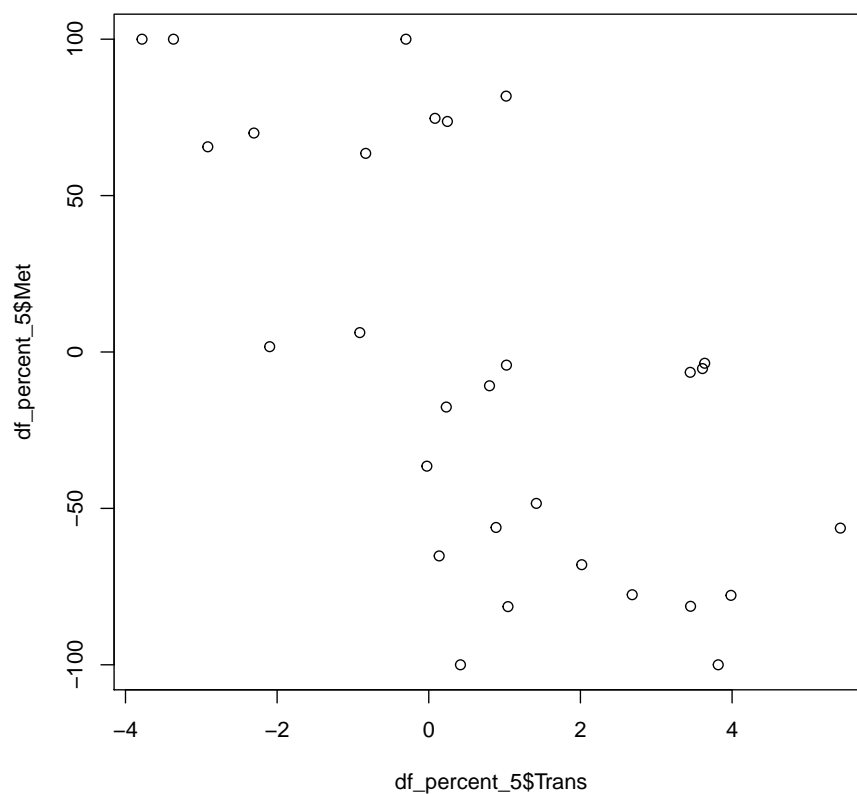
Coverage a Pics 3'



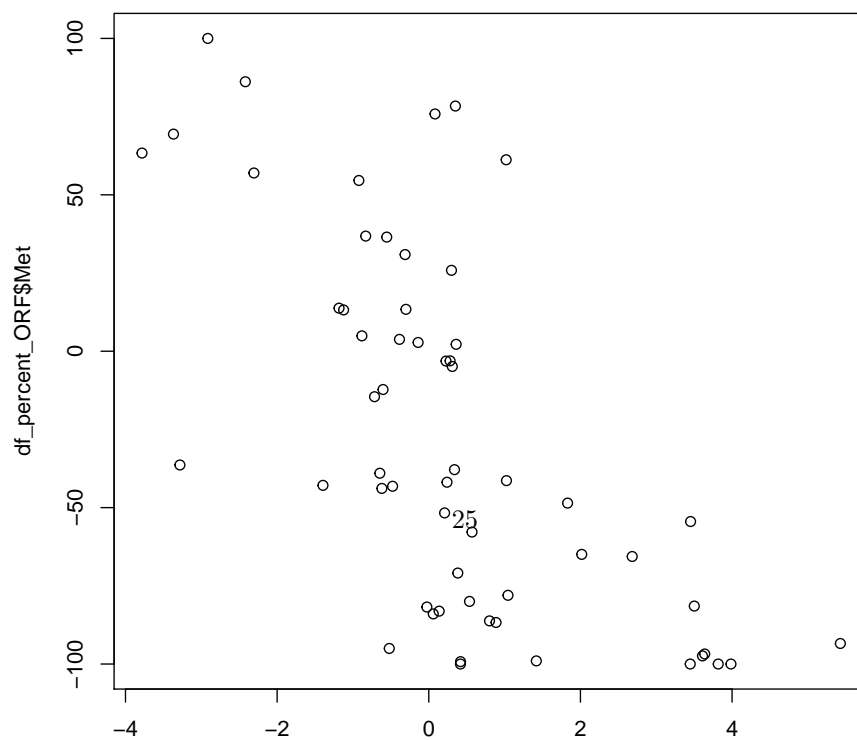
### **3.1.2 Filtrats per Metilació**

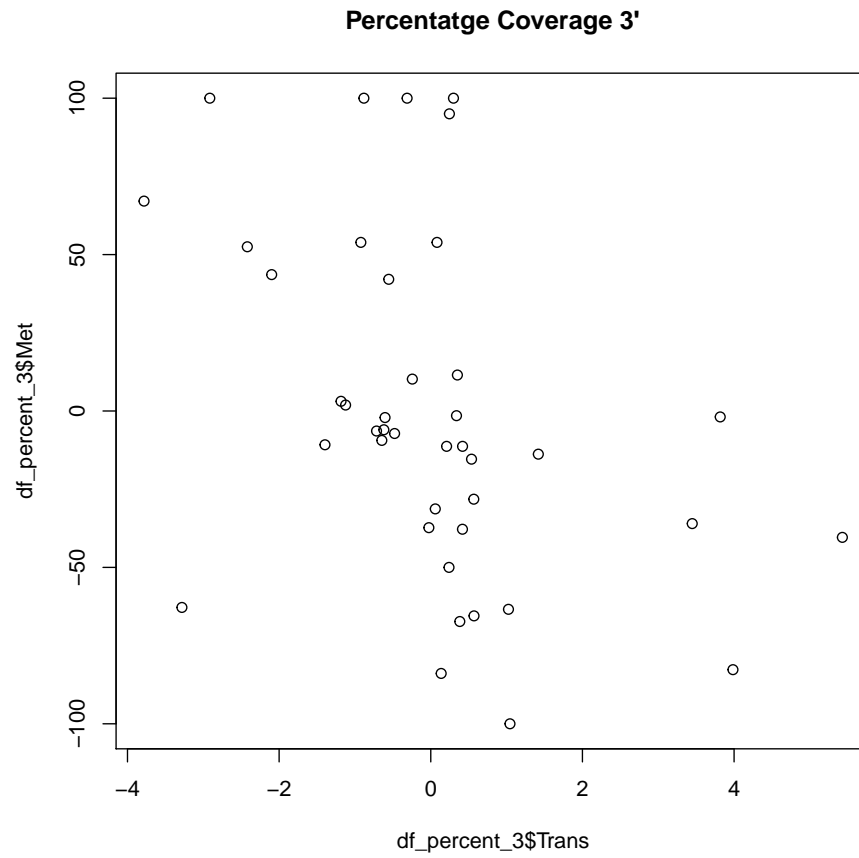


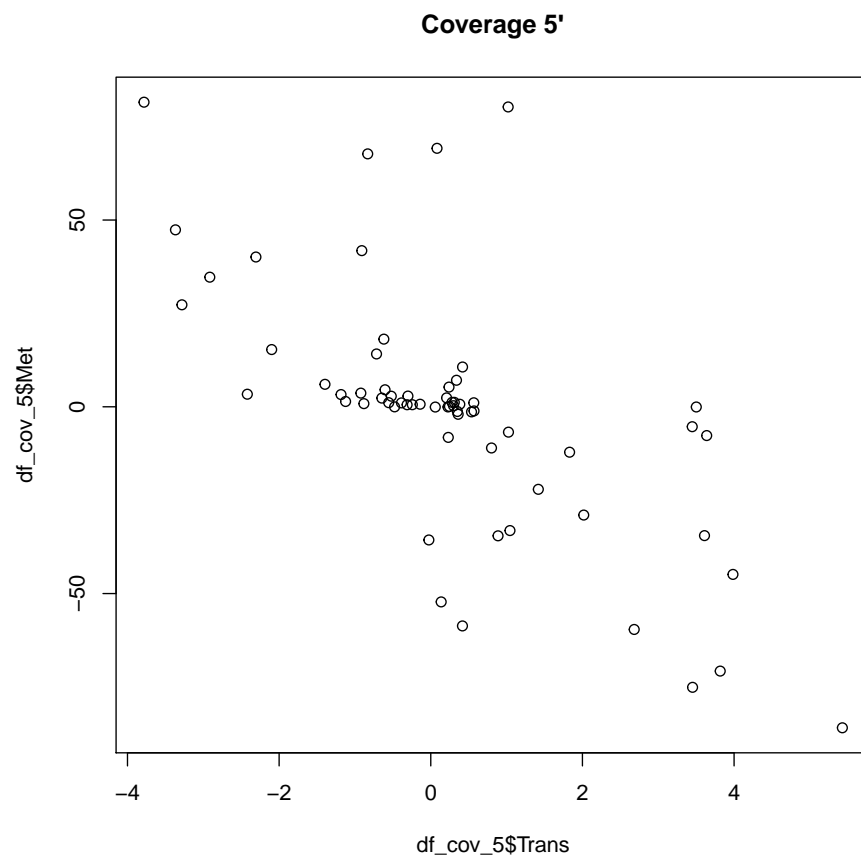
**Percentatge Coverage 5'**

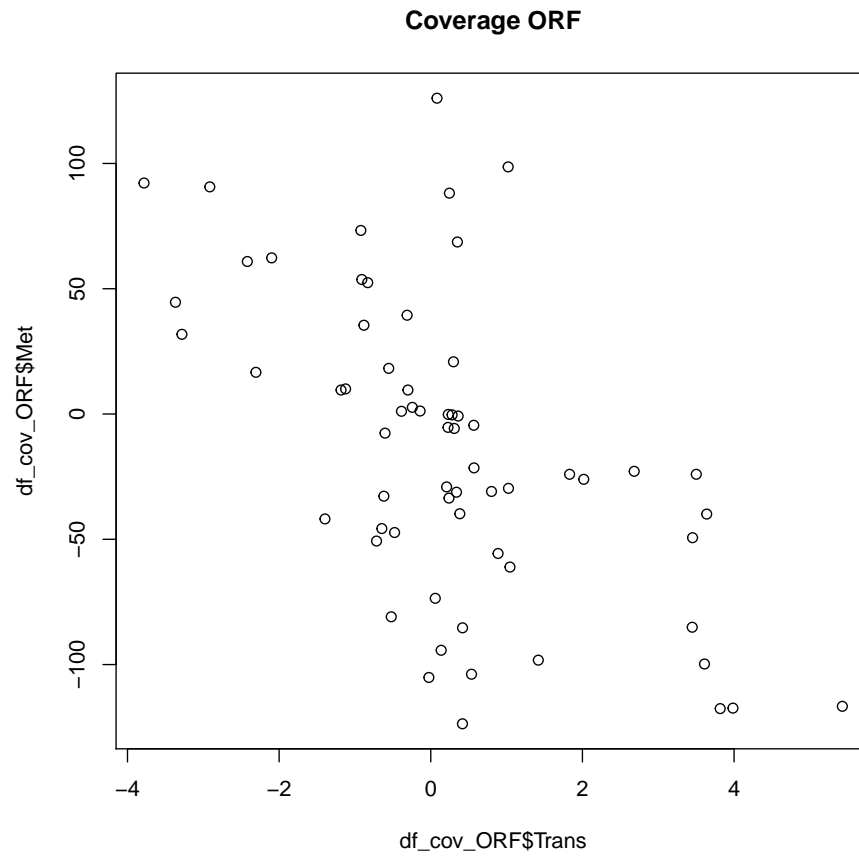


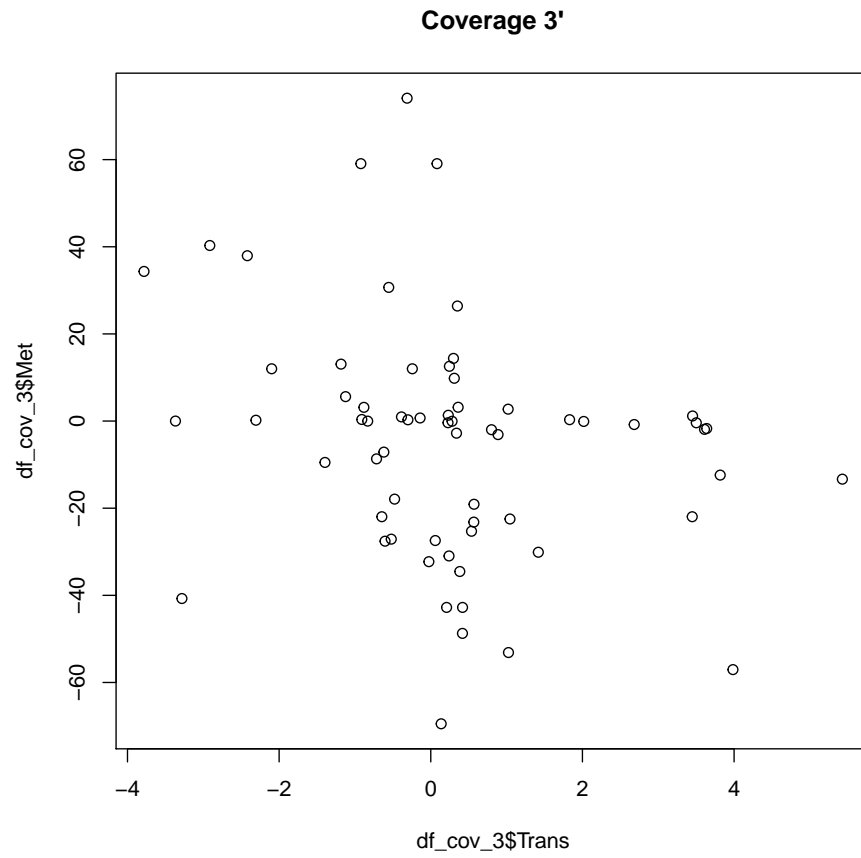
**Percentatge Coverage ORF**

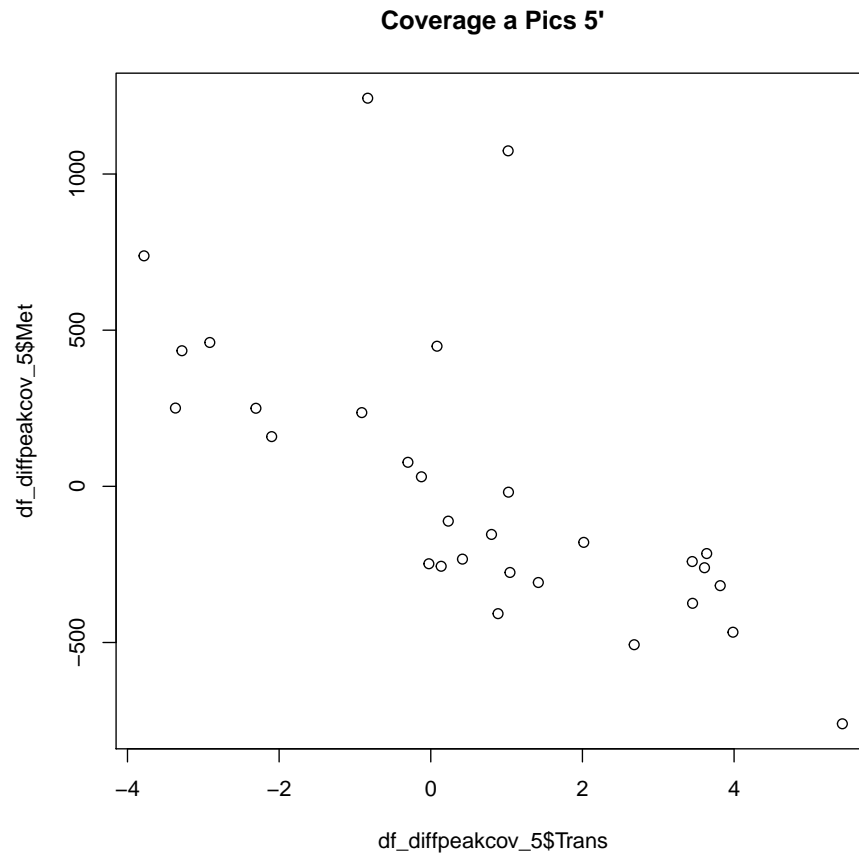




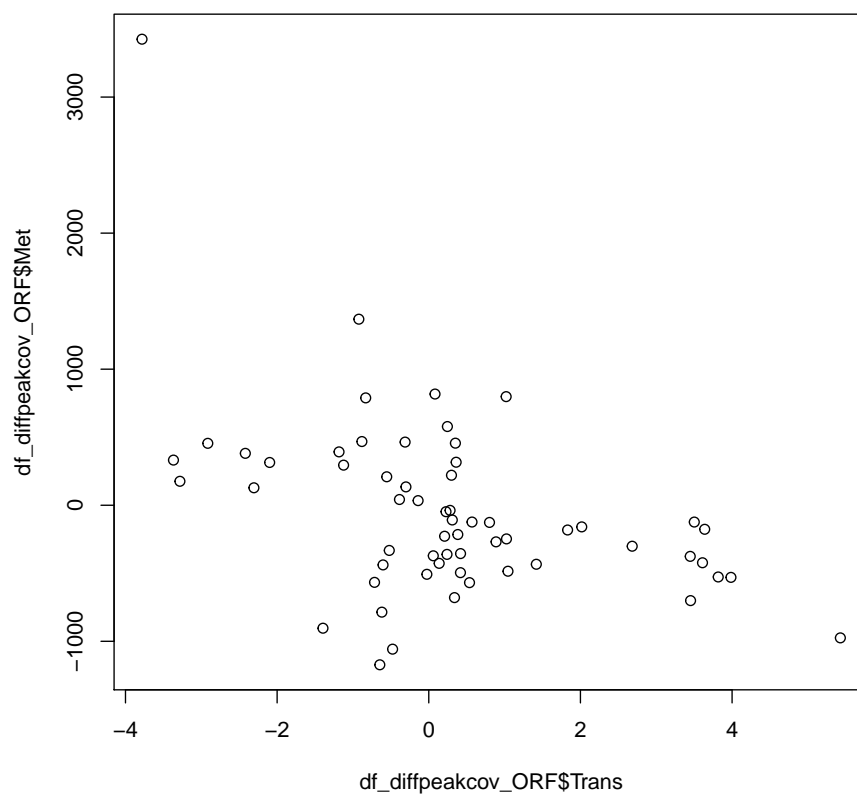


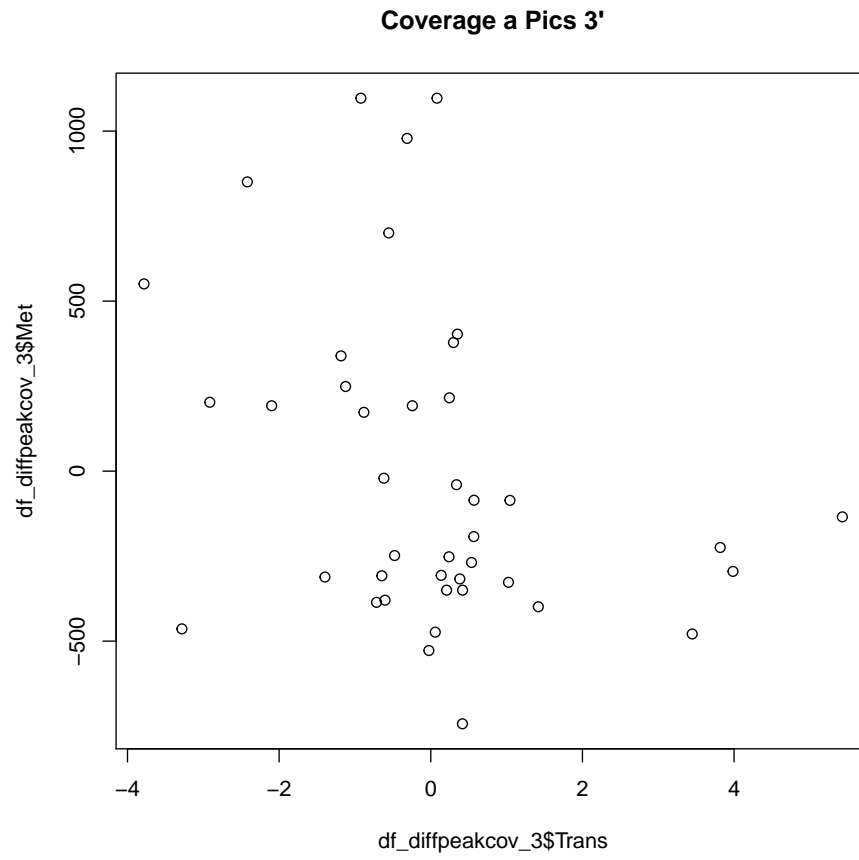






Coverage a Pics ORF







## 3.2 Taula

### 3.2.1 Filtrats per Transcripció

Percentatge			Coverage			Coverage a Pics		
5'	ORF	3'	5'	ORF	3'	5'	ORF	3'
-0.827	-0.865	-0.467	-0.876	-0.847	-0.482	-0.853	-0.764	-0.375

### 3.2.2 Filtrats per Metilació

Percentatge			Coverage			Coverage a Pics		
5'	ORF	3'	5'	ORF	3'	5'	ORF	3'
-0.659	-0.683	-0.543	-0.749	-0.565	-0.352	-0.786	-0.404	-0.324