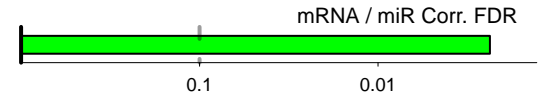
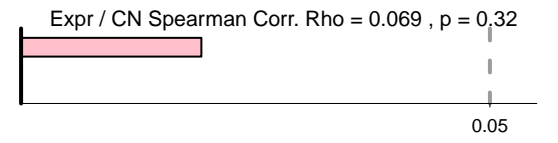
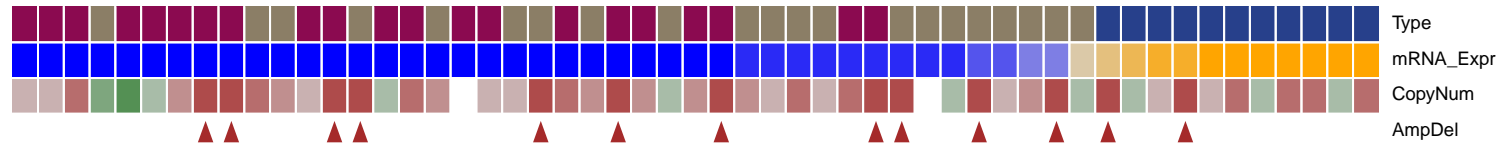
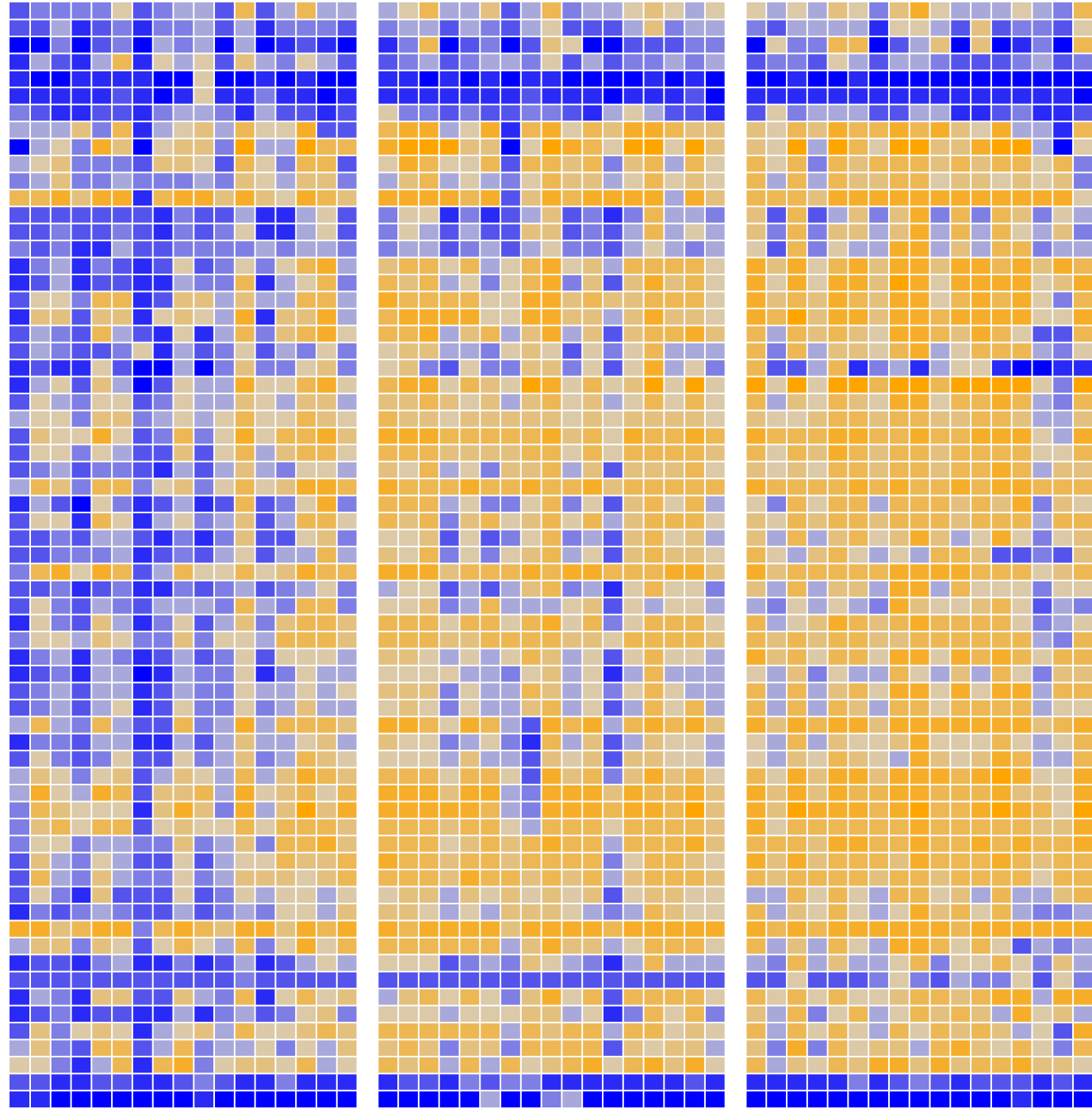


**Supplementary Data 9: MES gene regulatory influences - MDACC cell lines.**

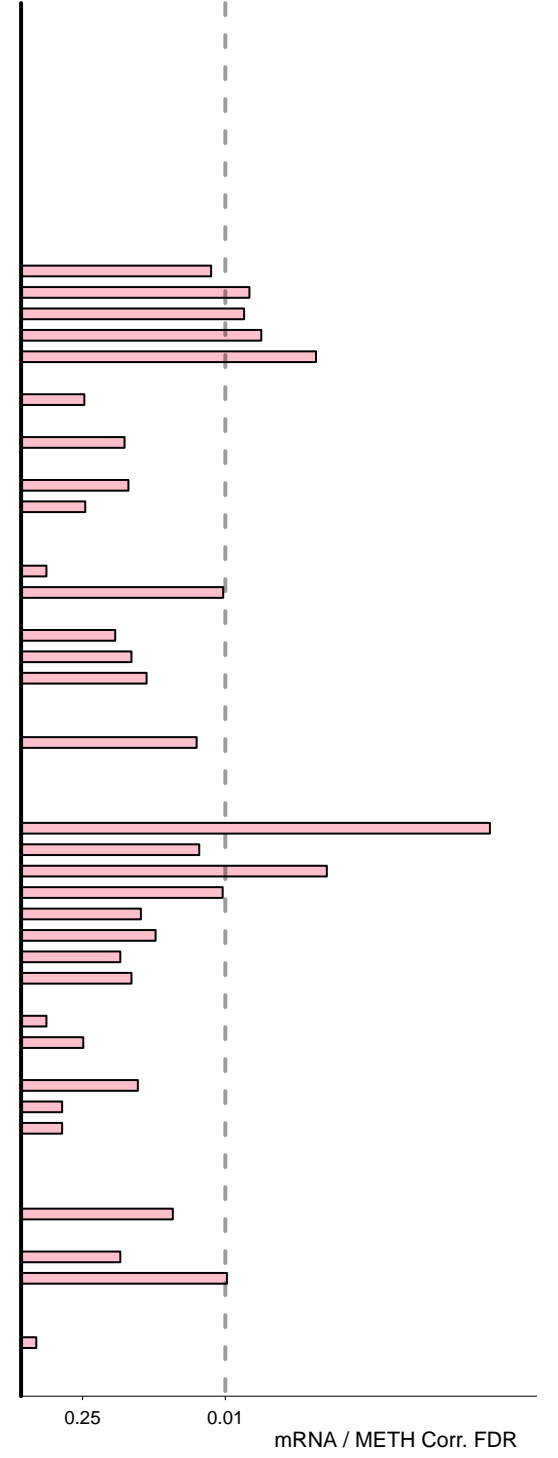
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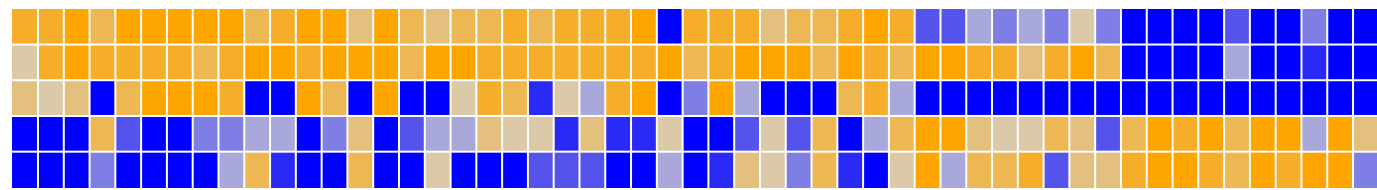
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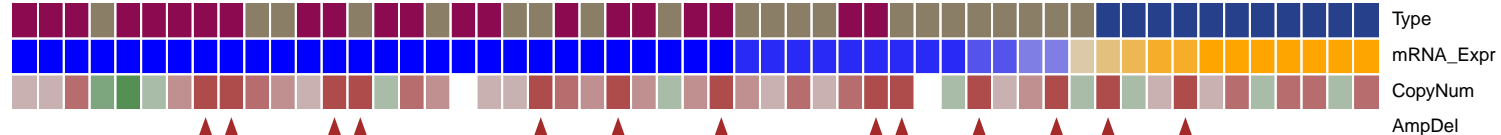
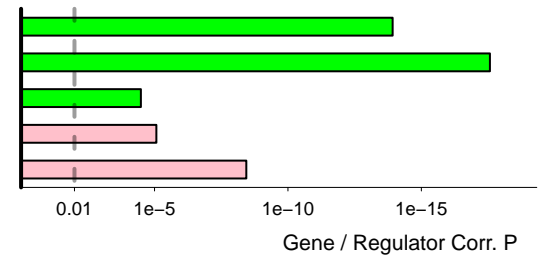
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CpGIsland

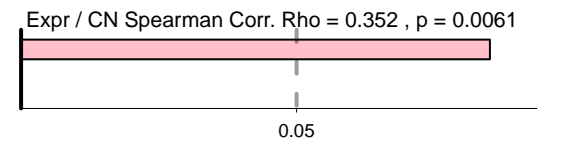
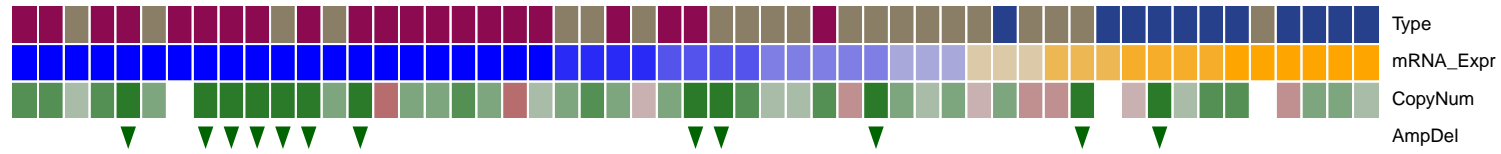


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- TRPM1
- ZEB1
- AXL

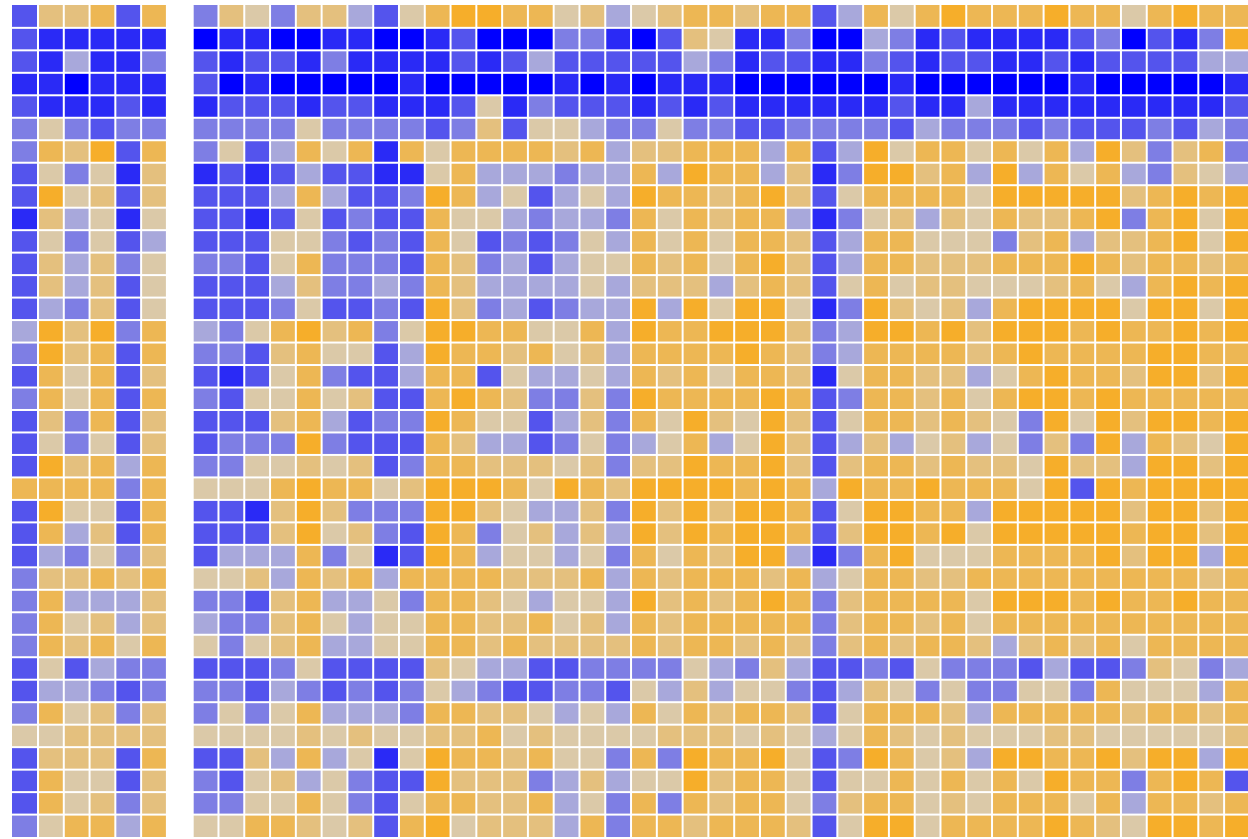


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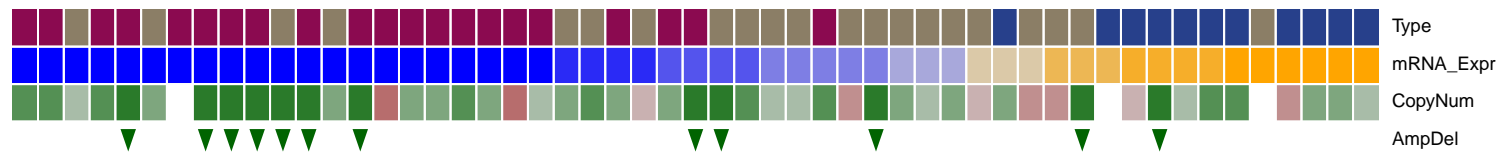
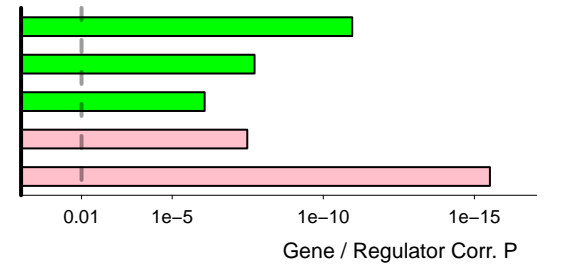
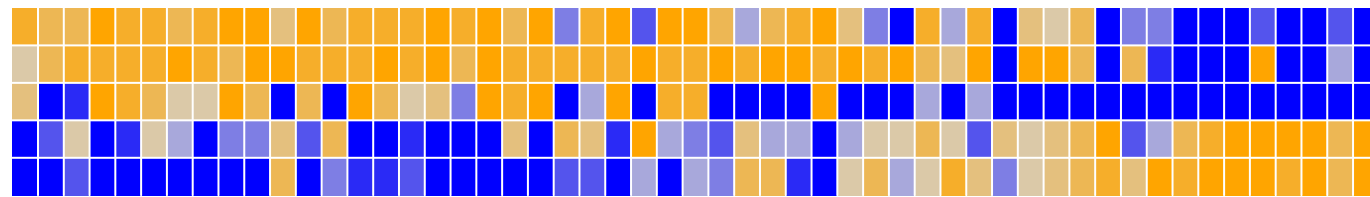
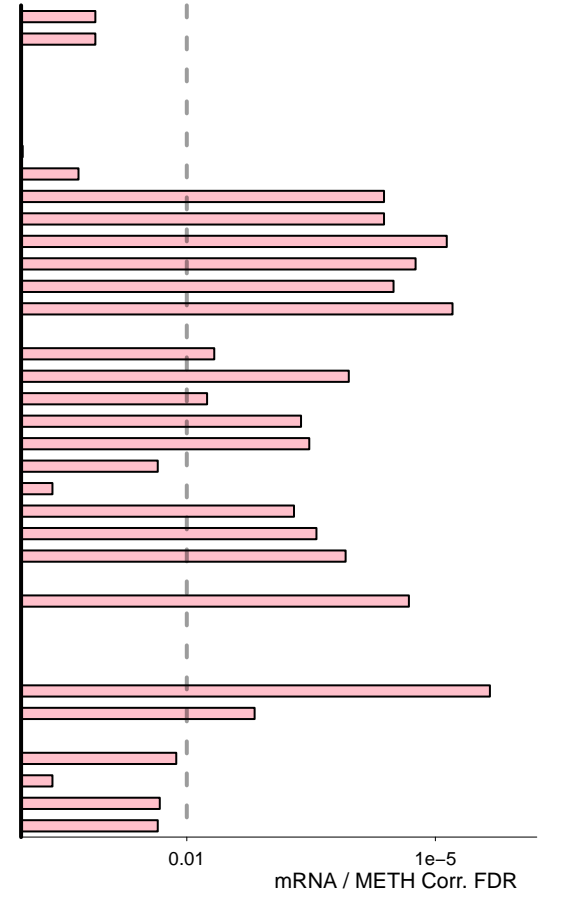


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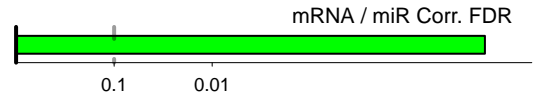
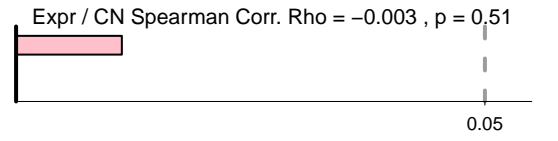
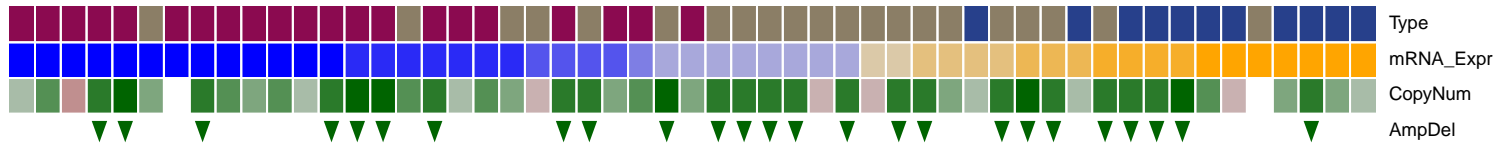
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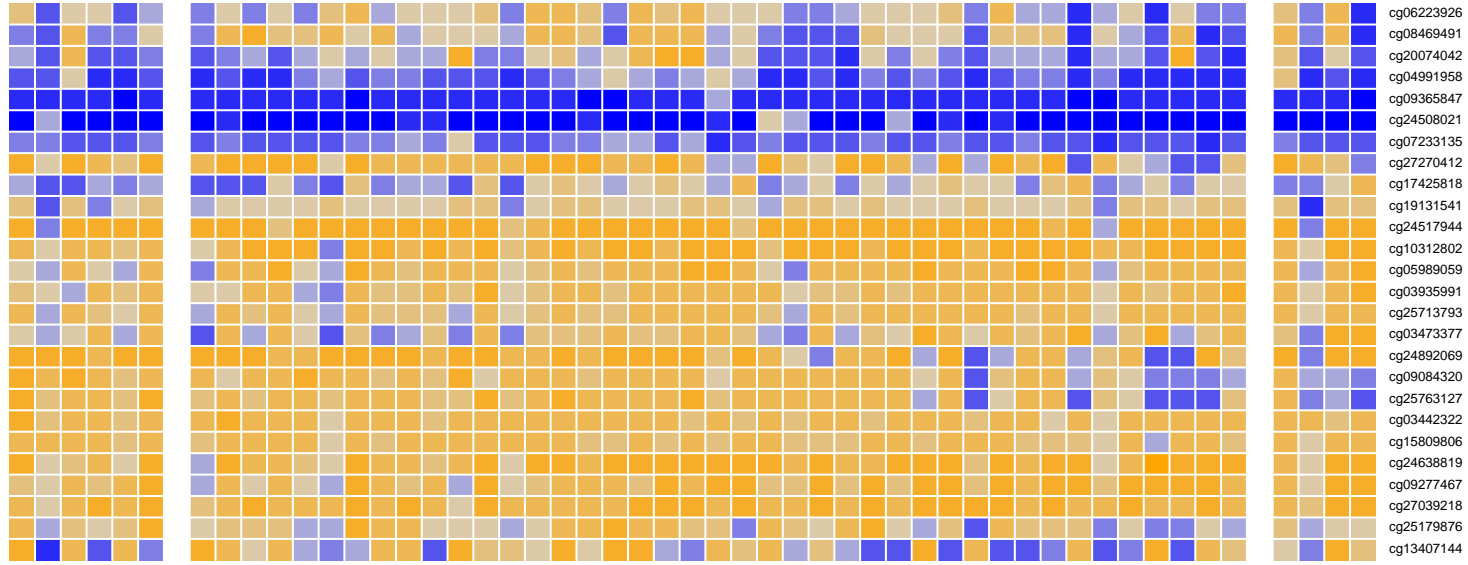
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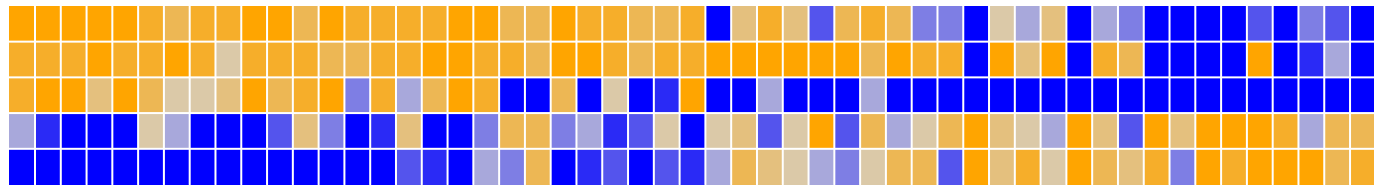
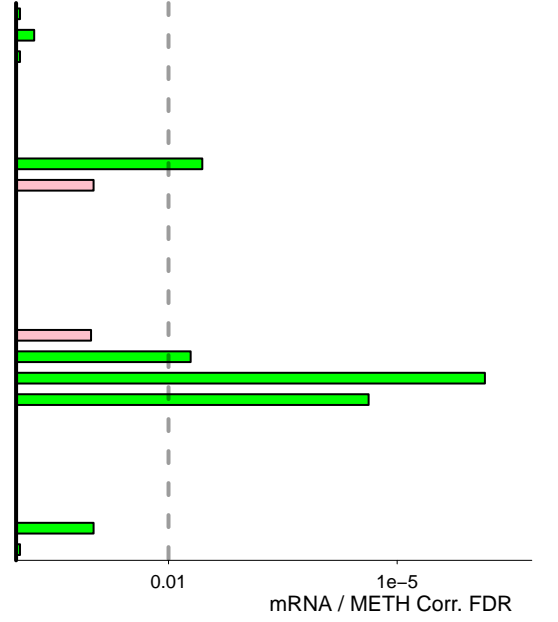


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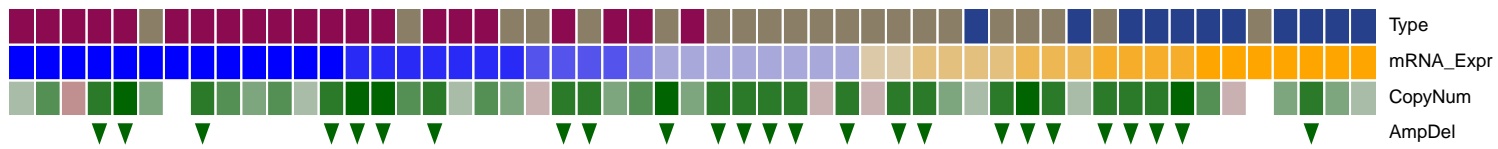
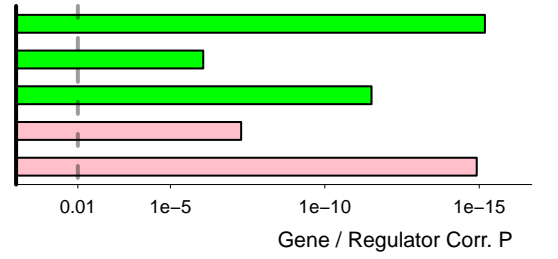
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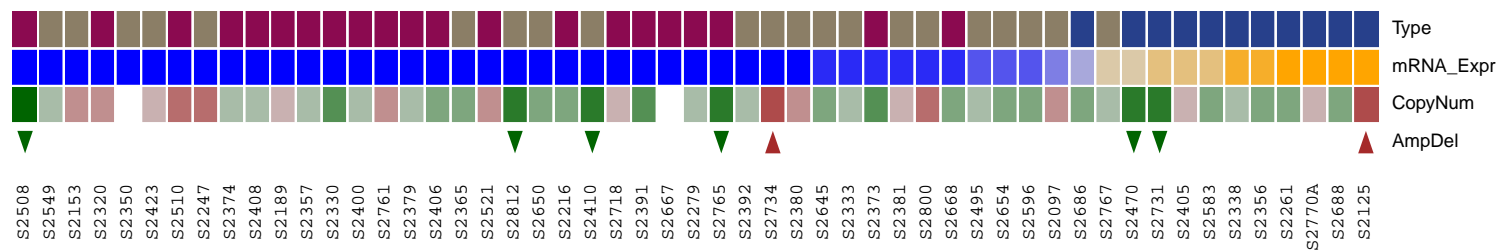
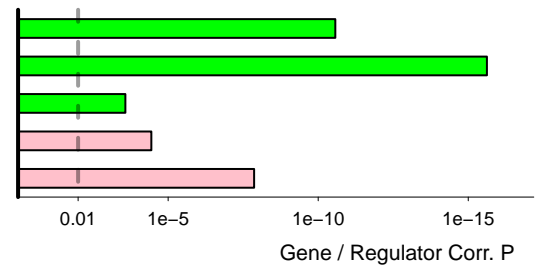
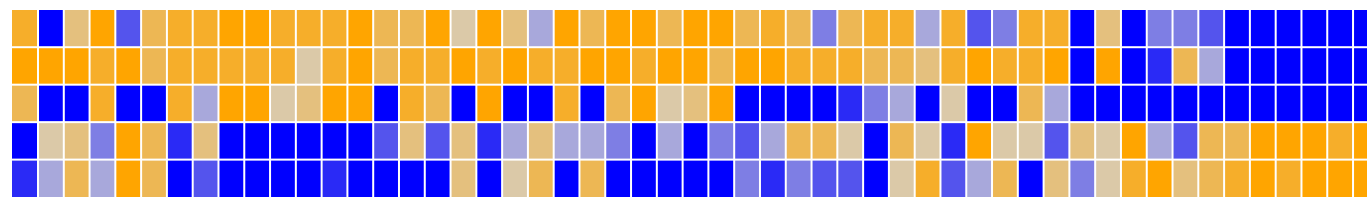
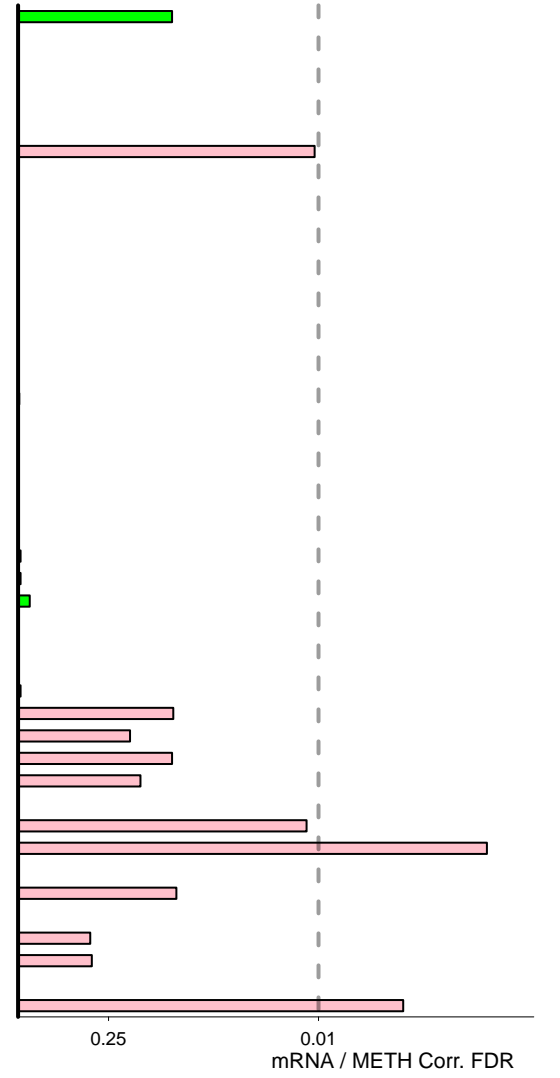
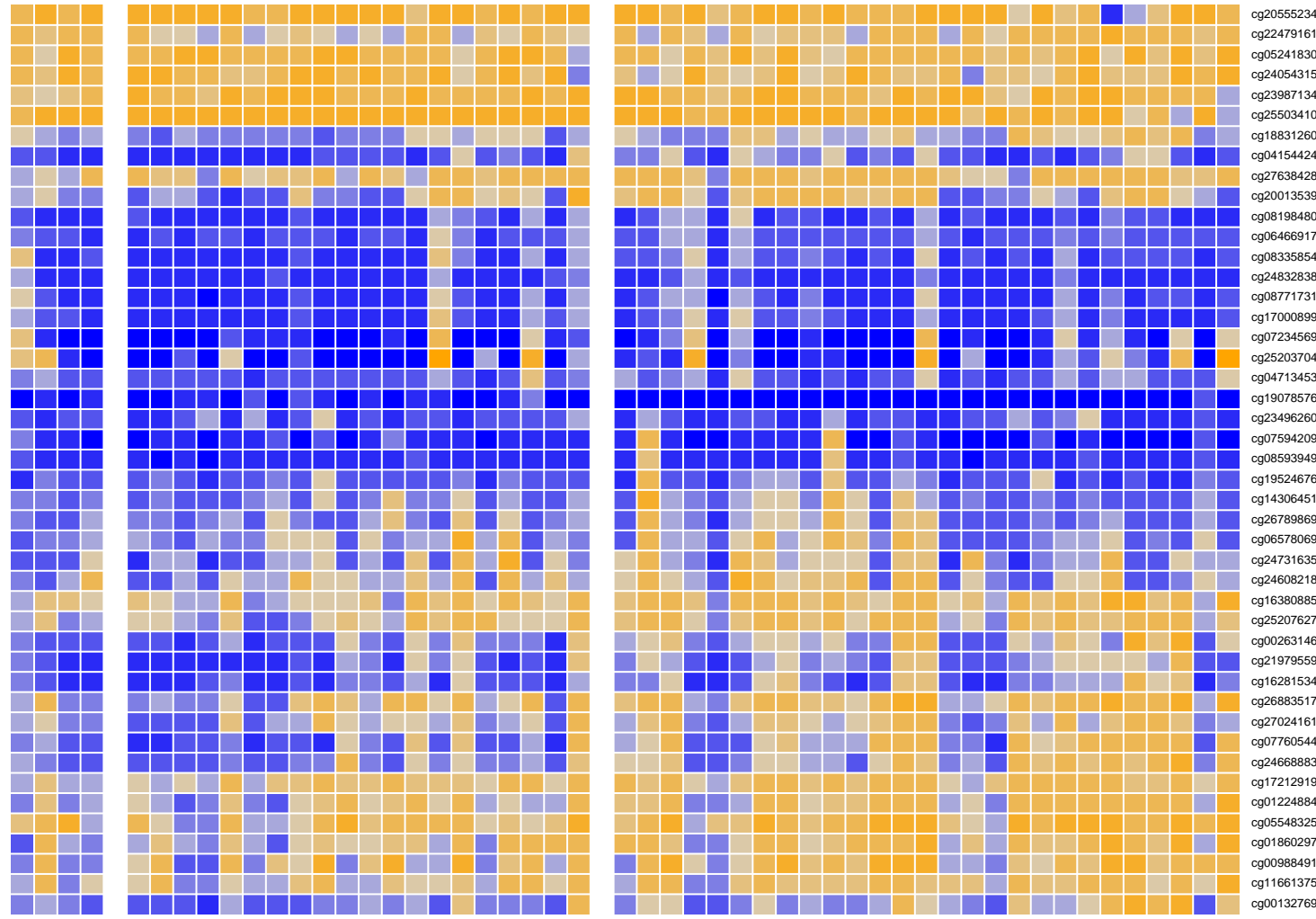
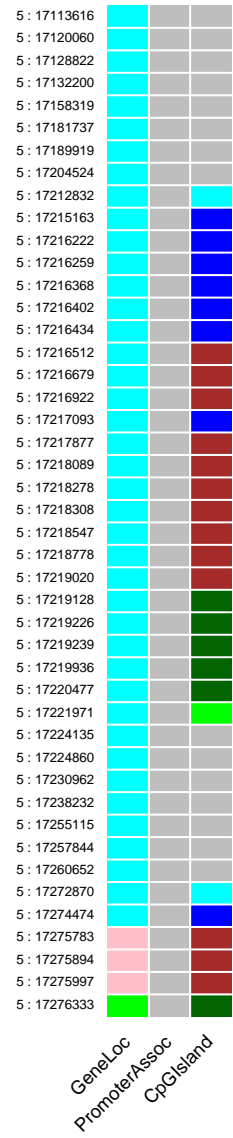
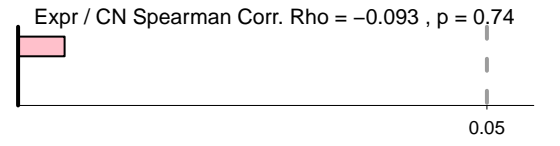
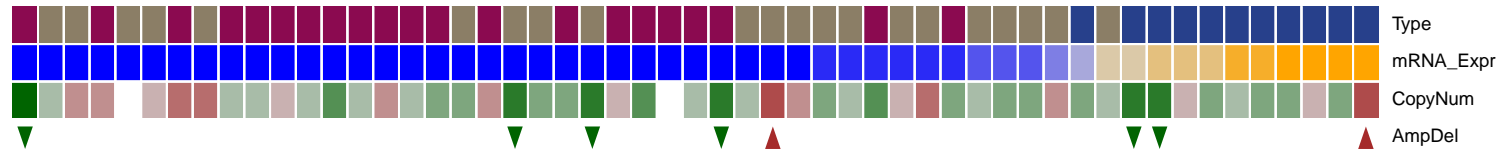
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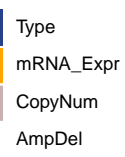
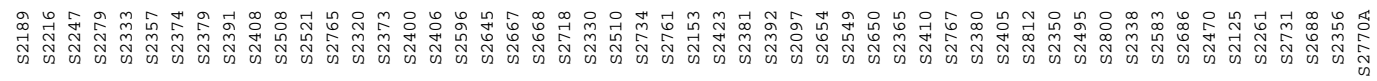
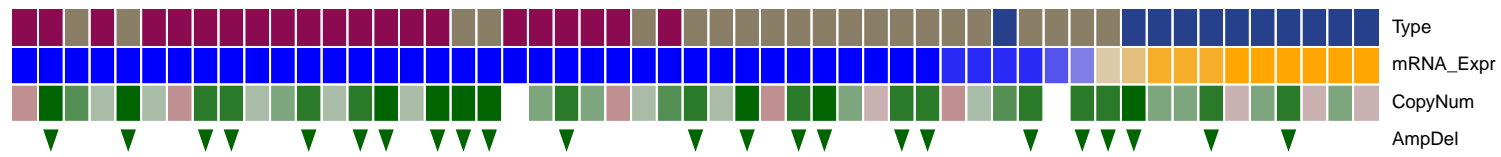
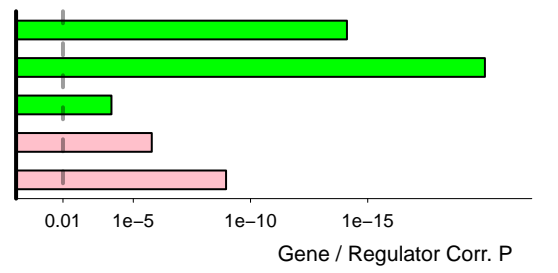
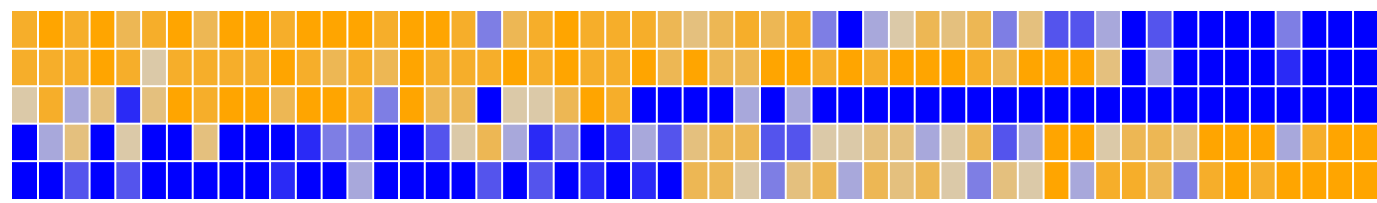
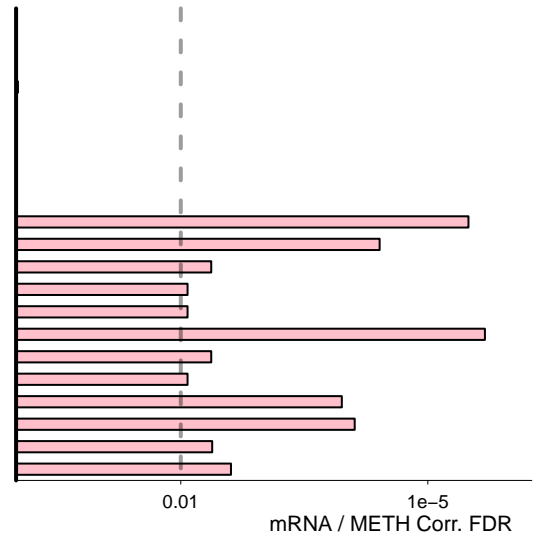
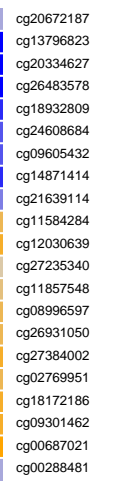
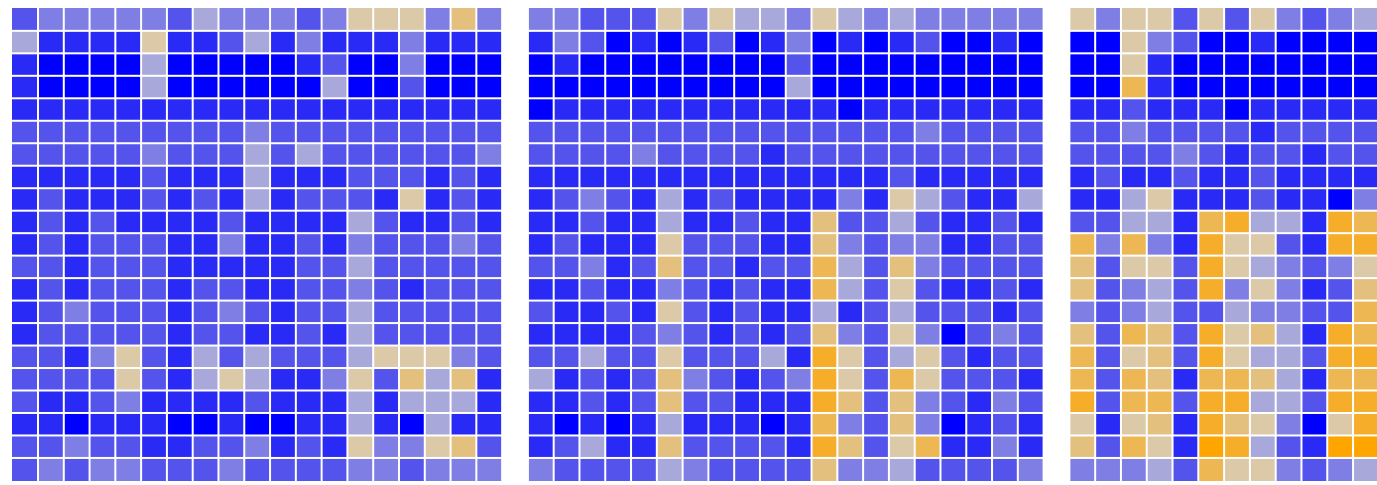
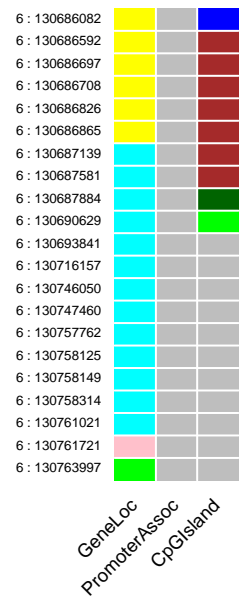
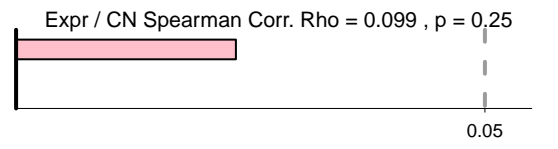
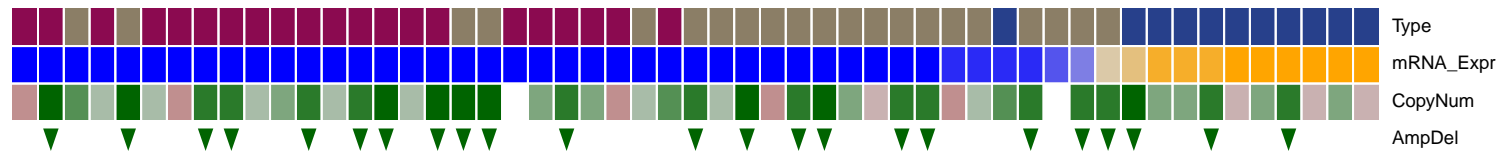
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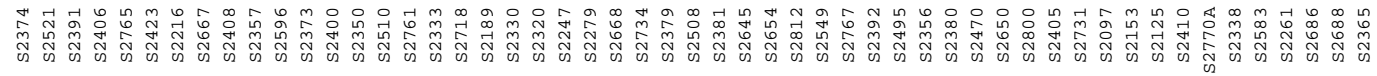
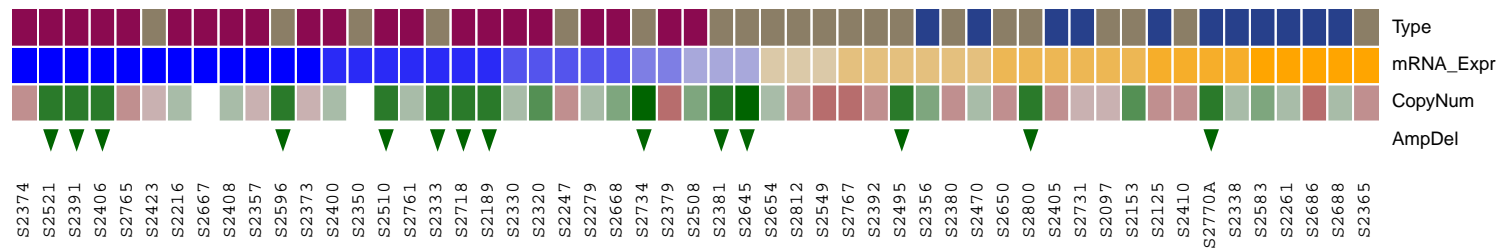
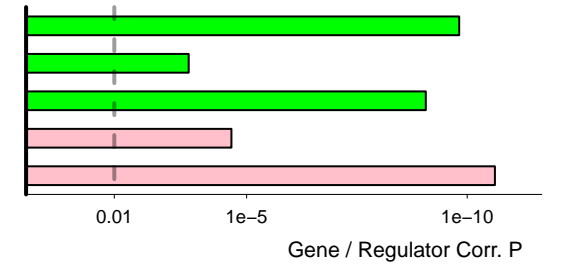
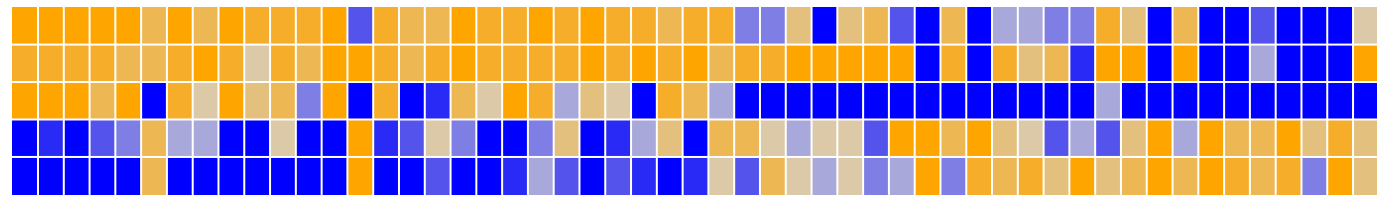
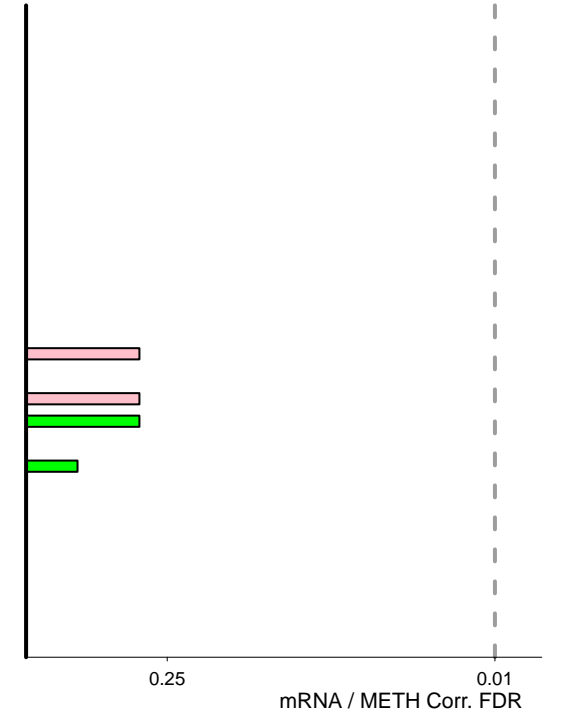
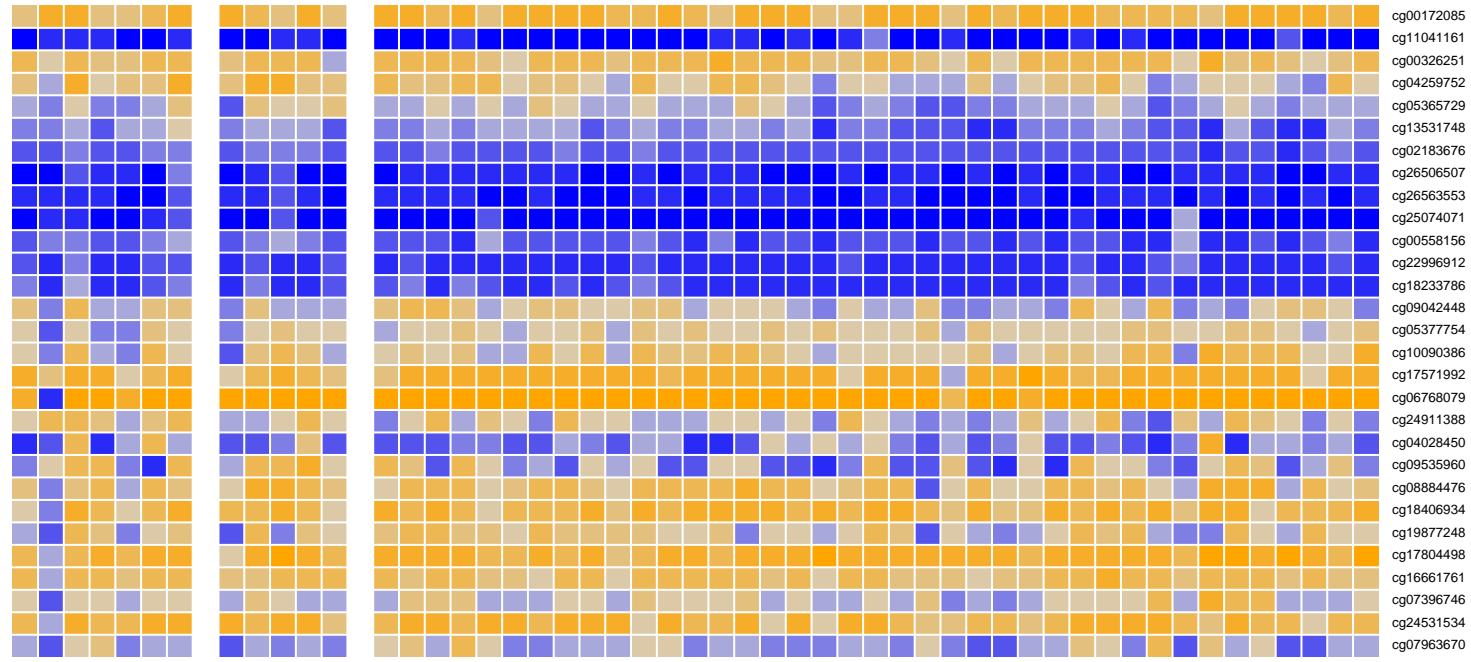
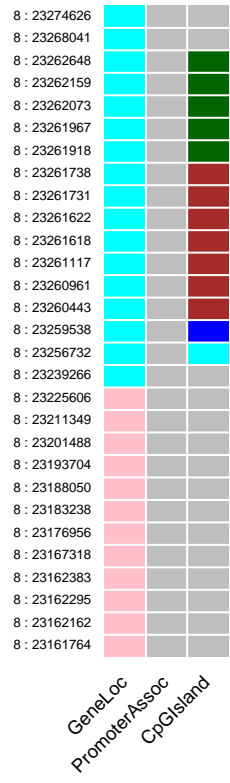
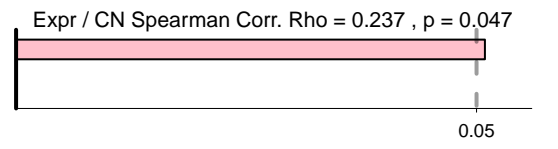
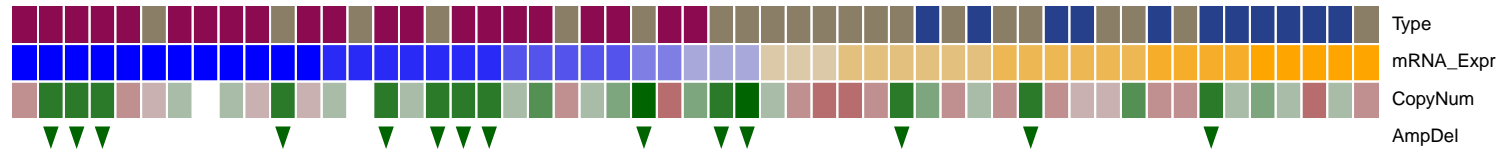
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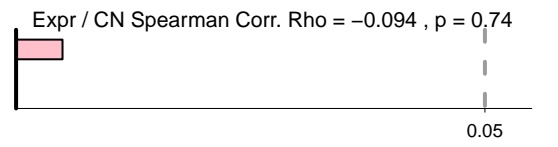
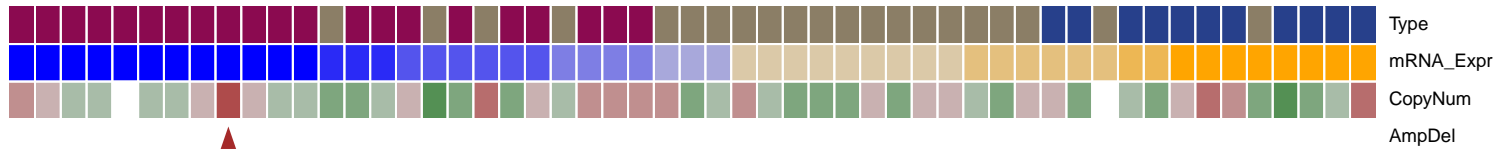
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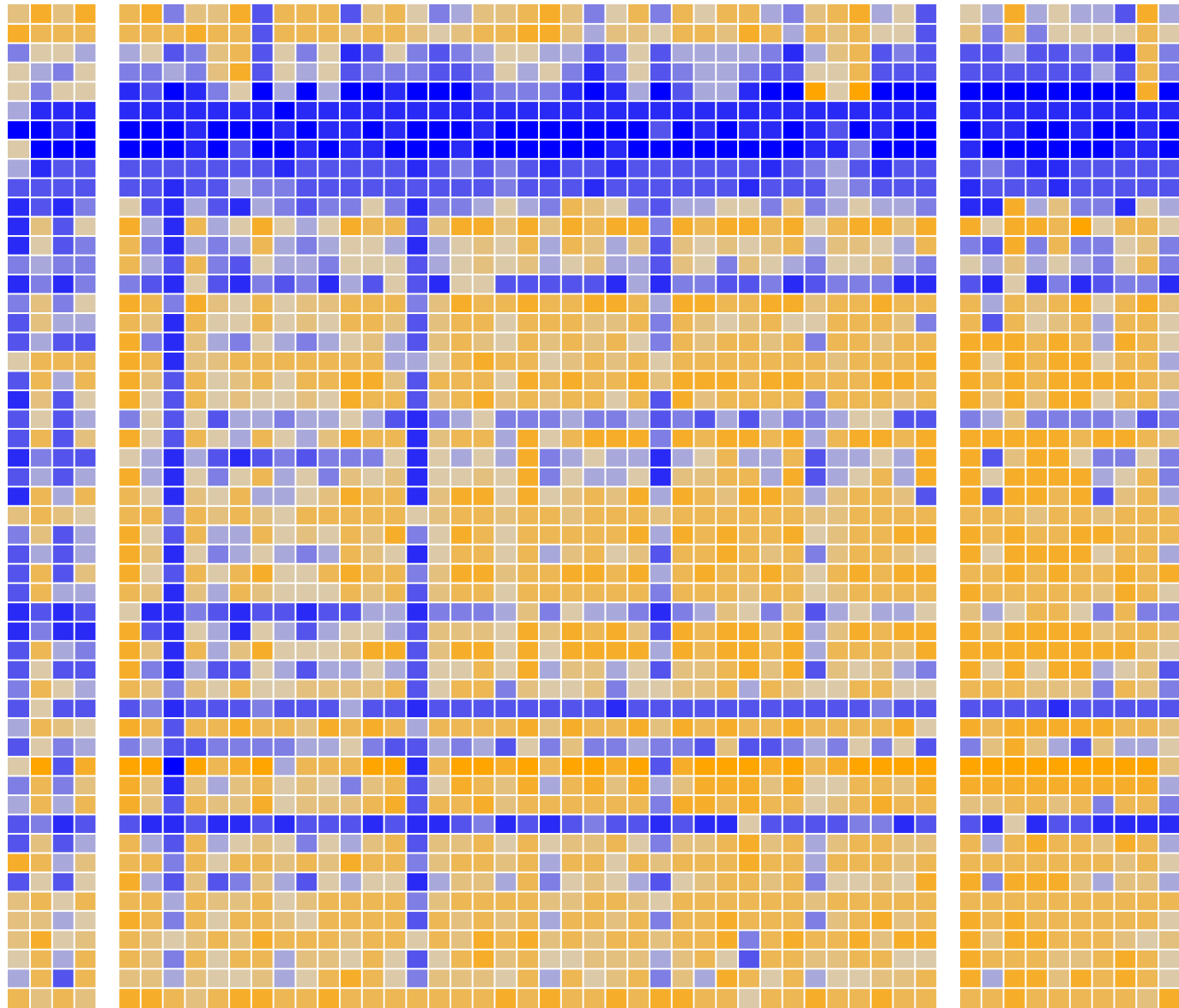
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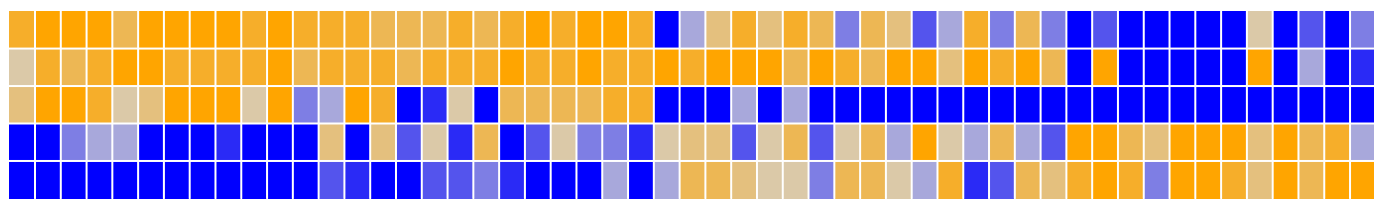
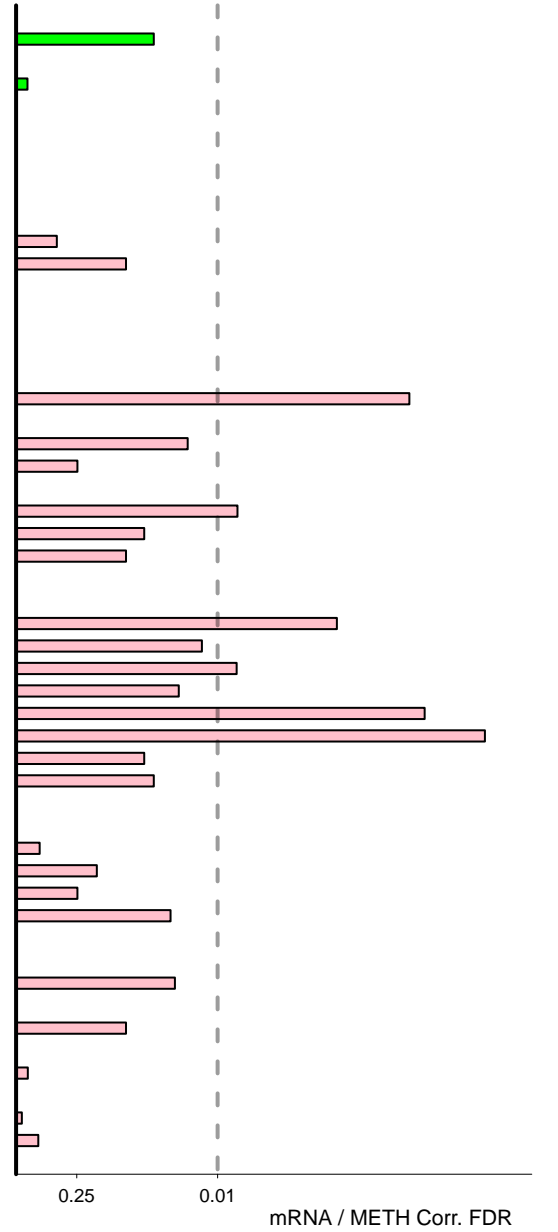


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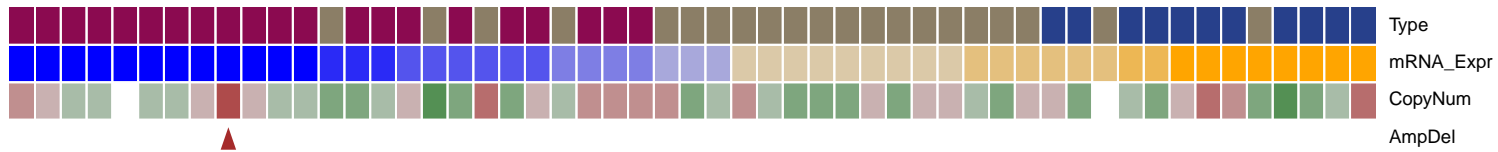
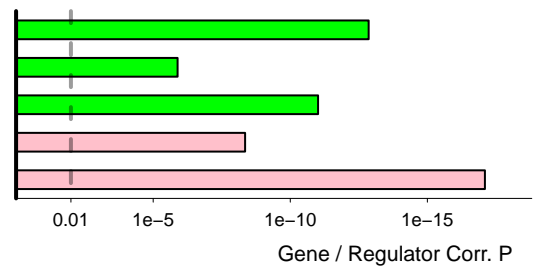


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 CpGIsland



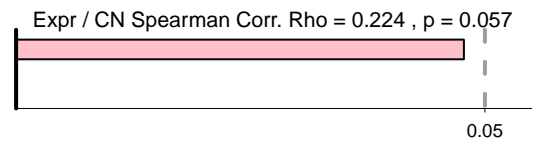
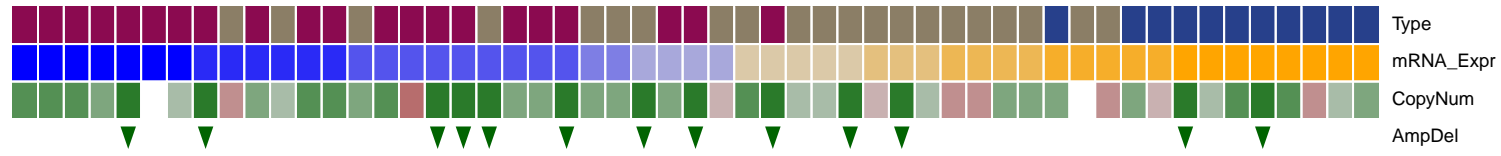
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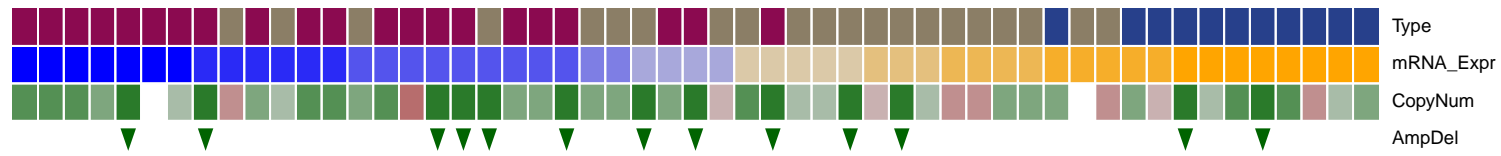
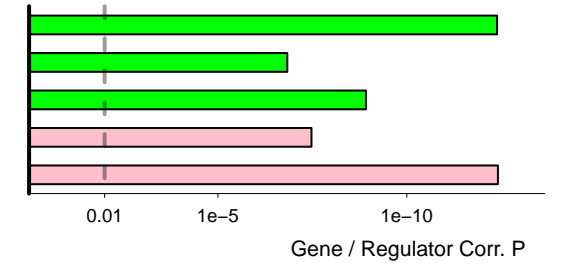
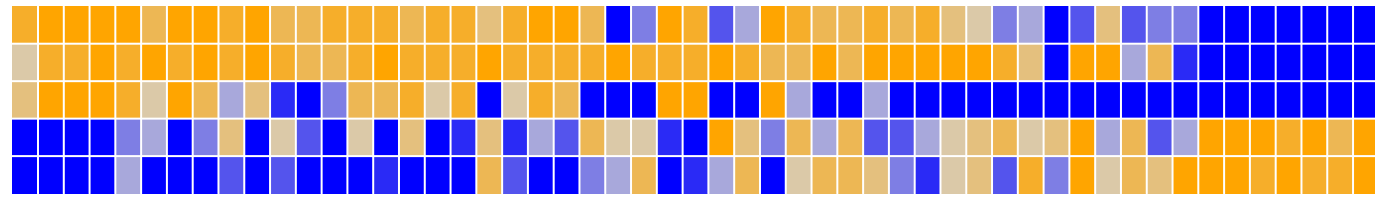
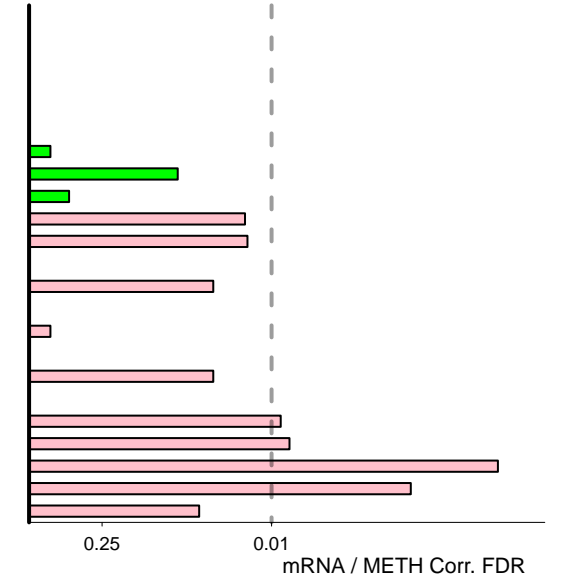
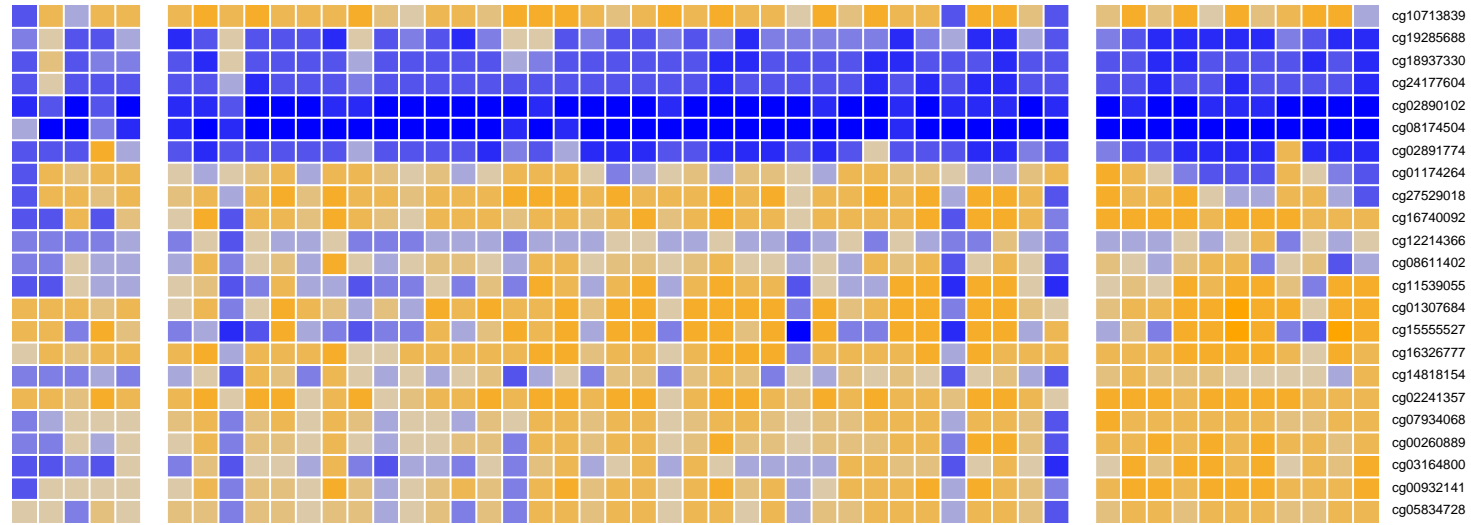


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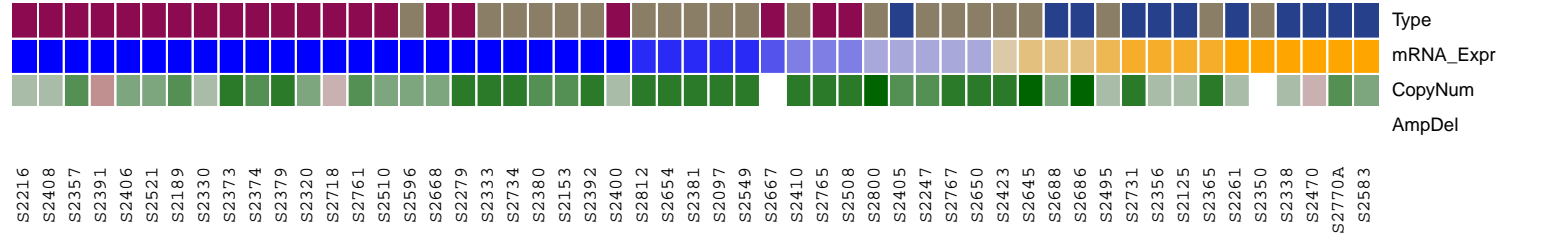
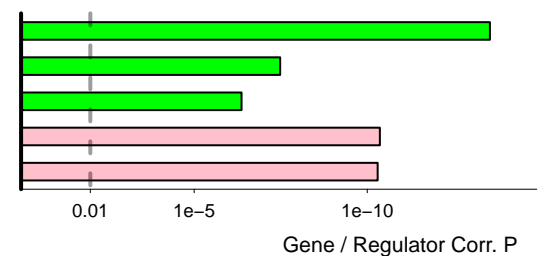
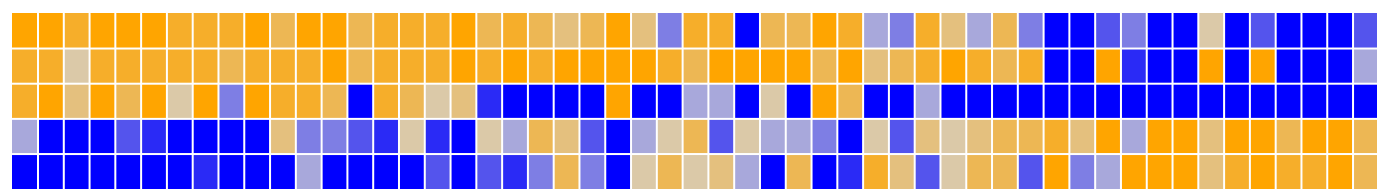
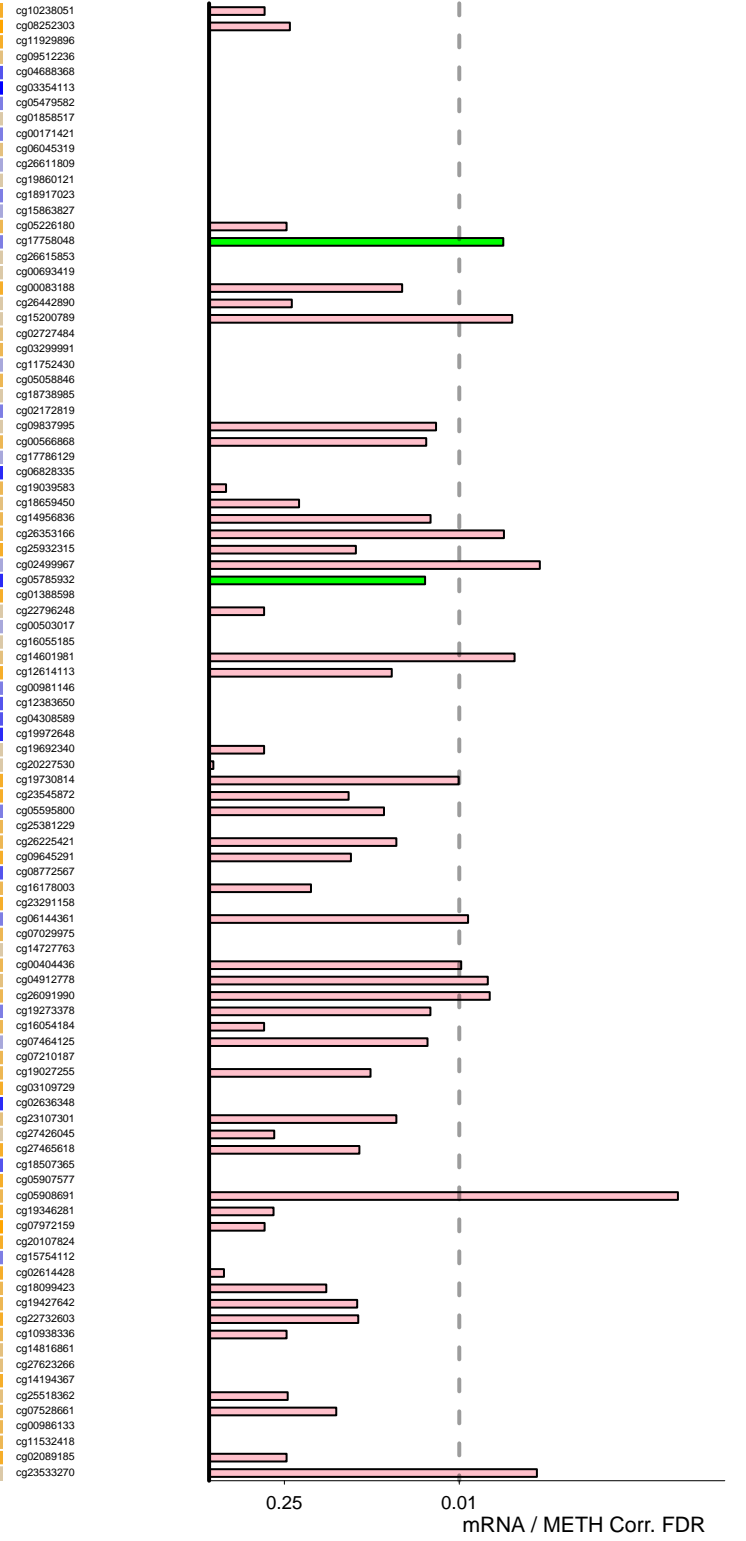
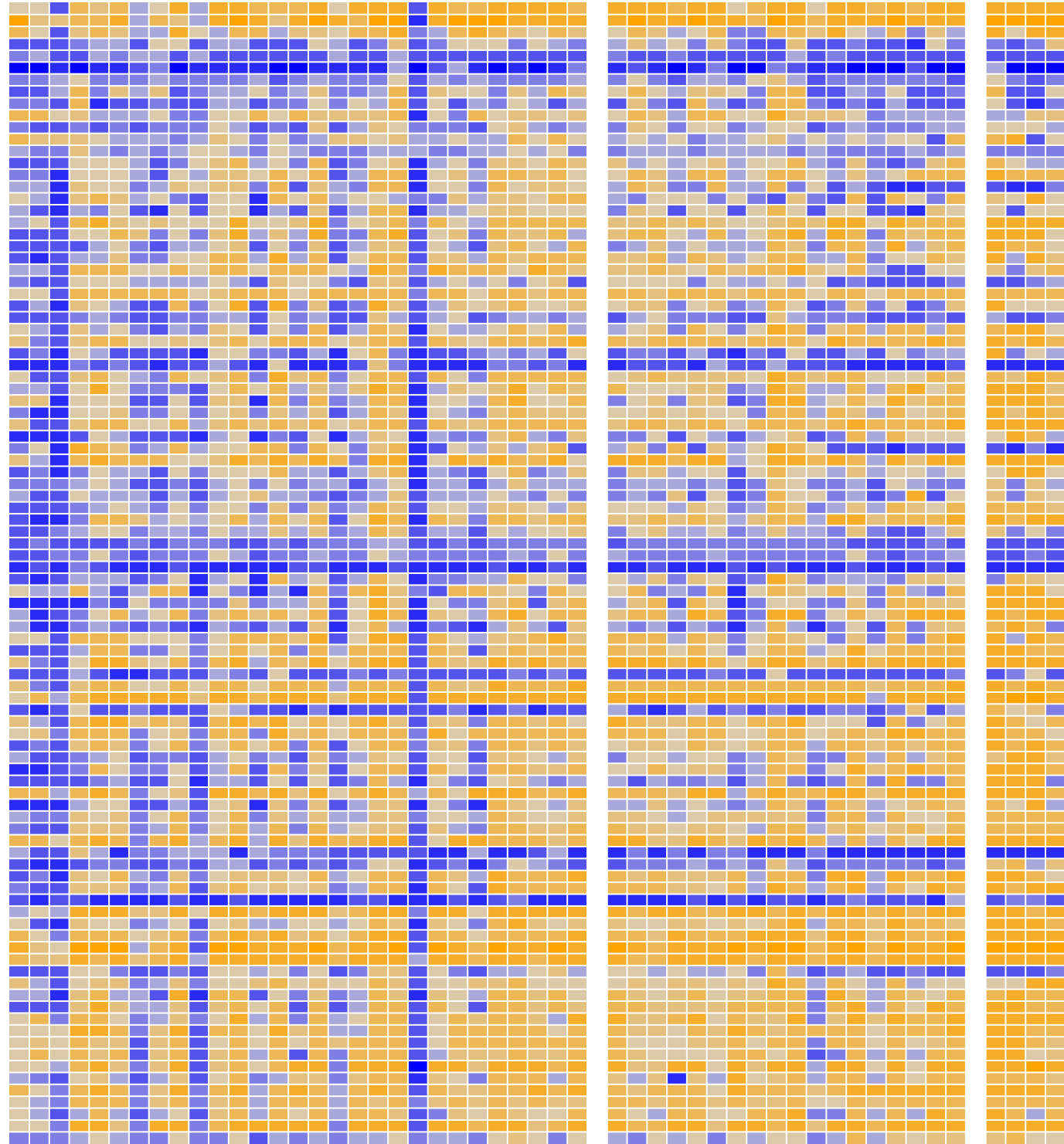
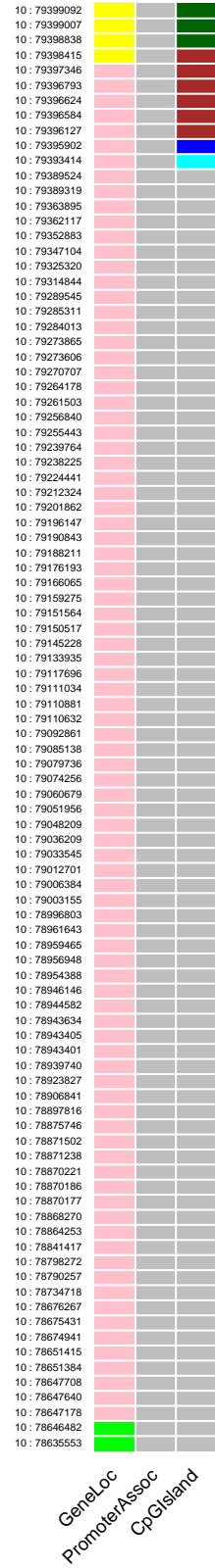
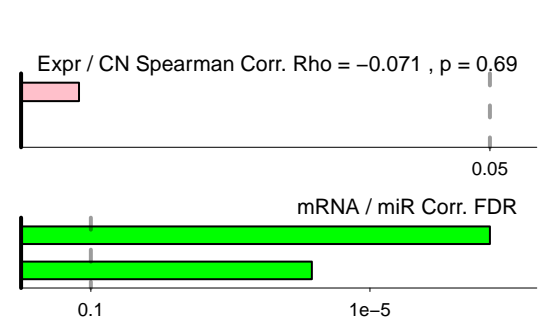
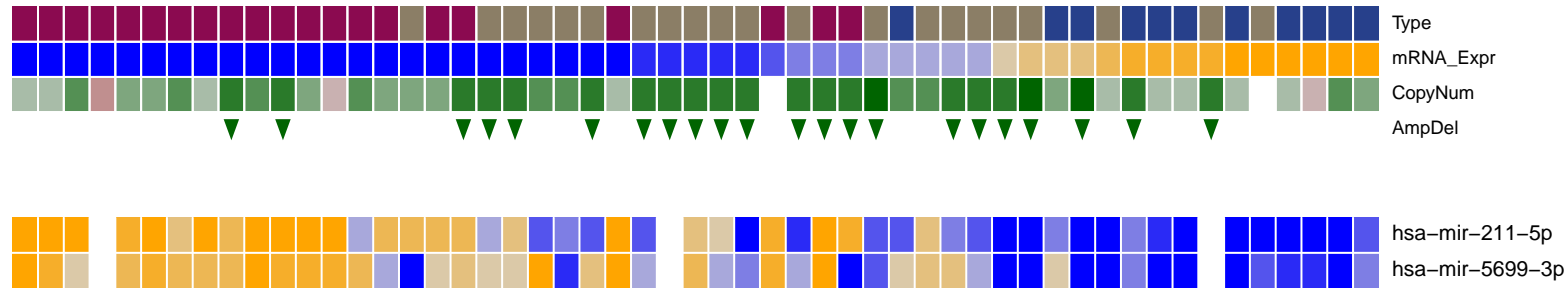
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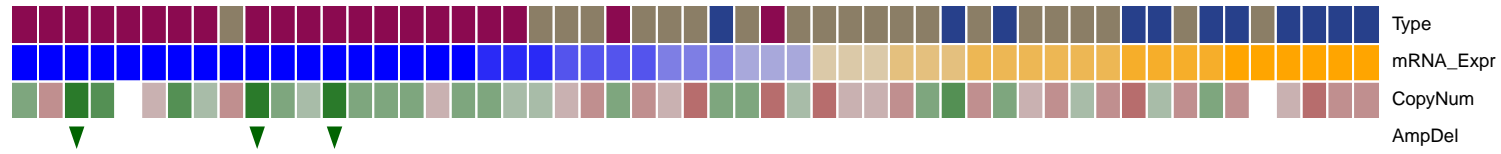
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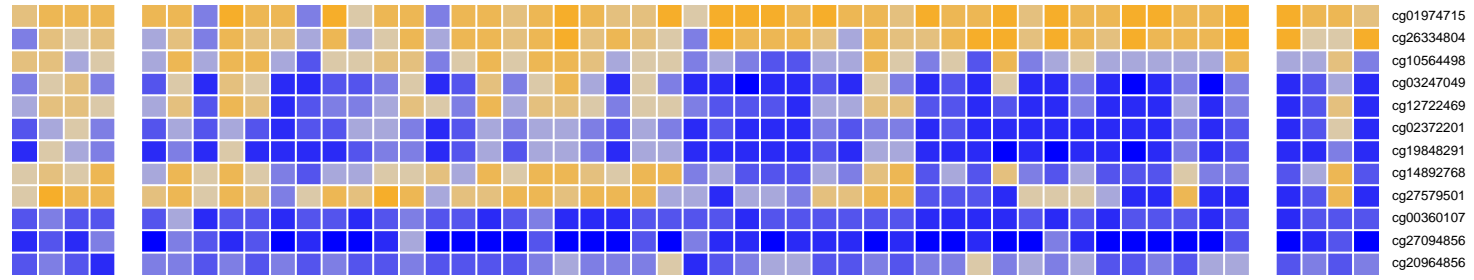
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# AXL

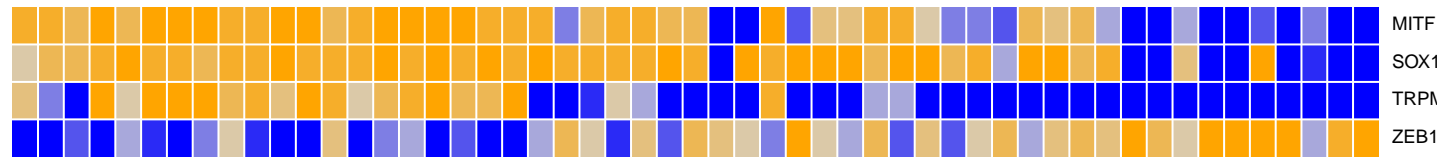
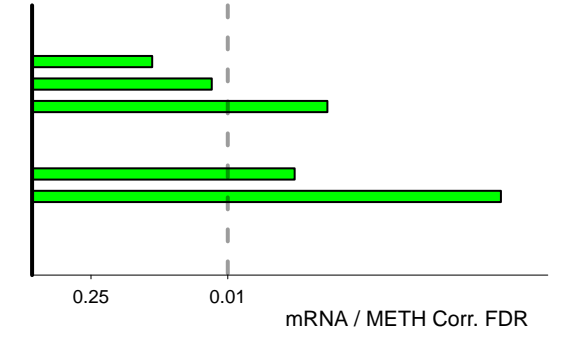
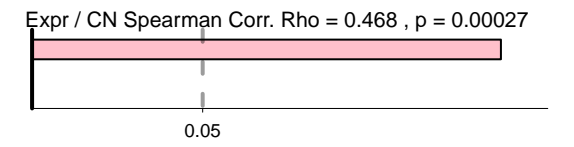


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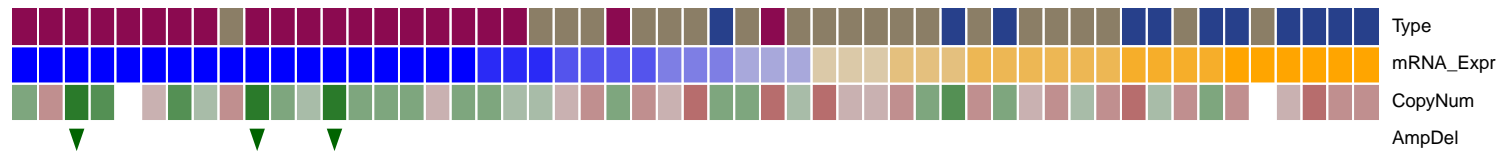
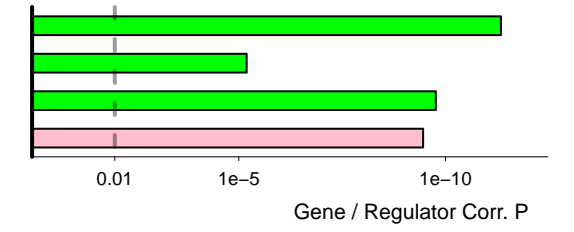
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 CpGIsland



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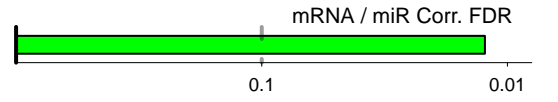
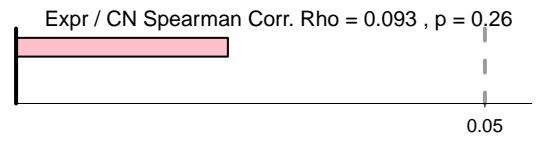
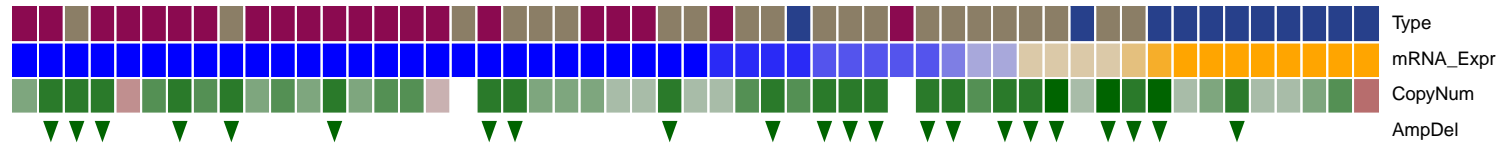
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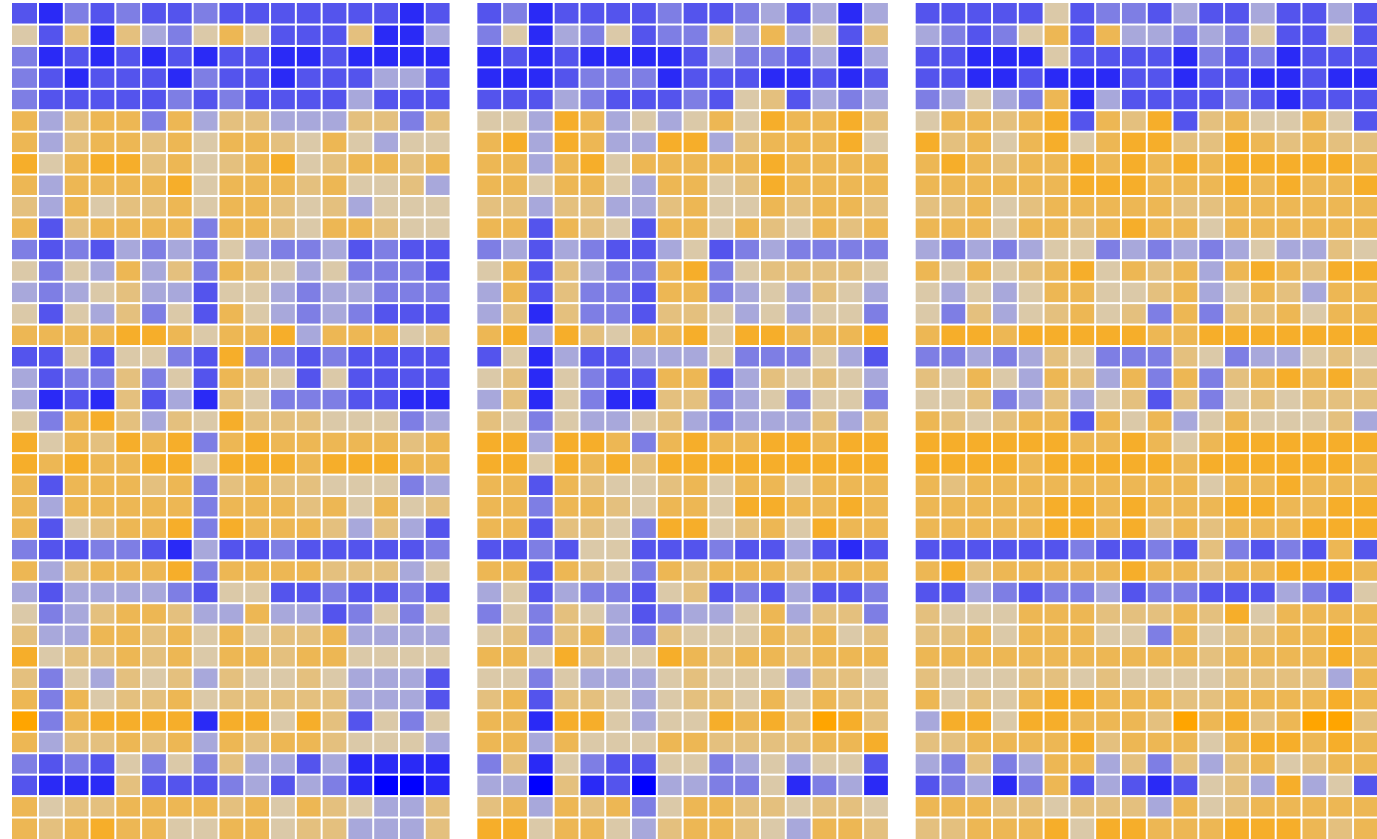
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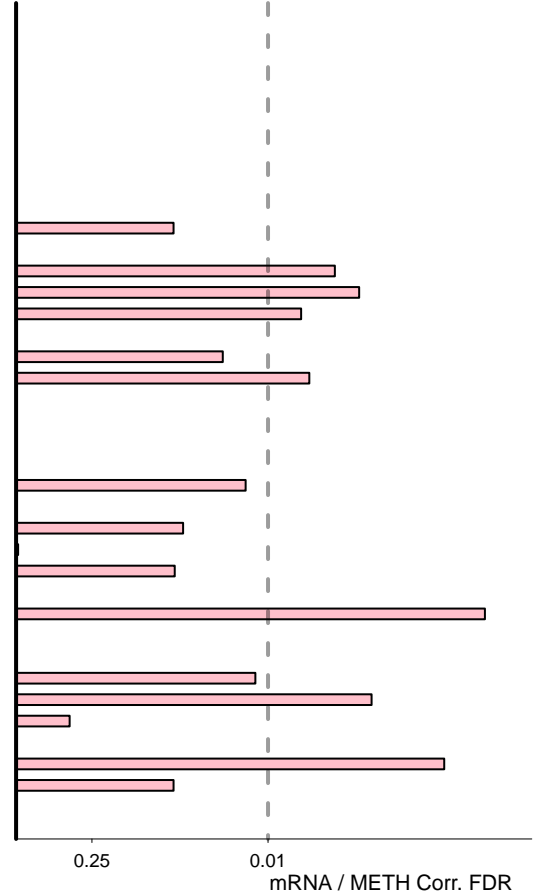
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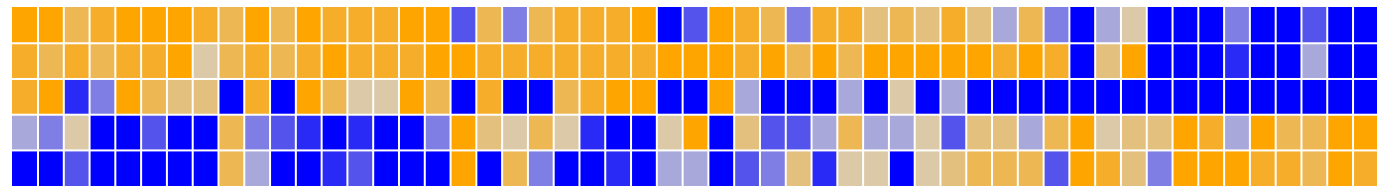
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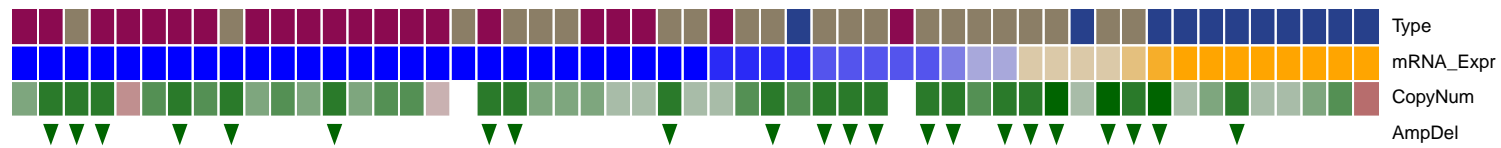
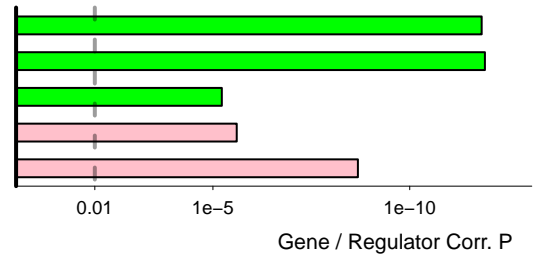
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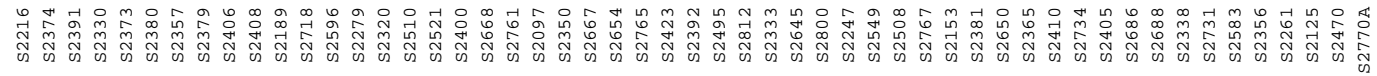
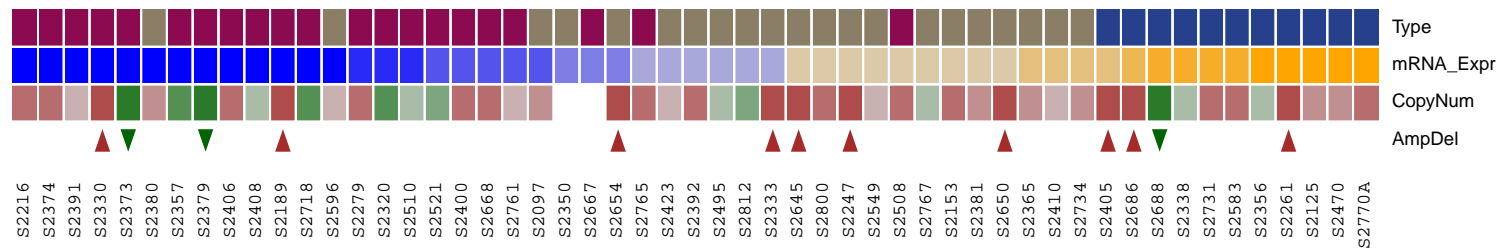
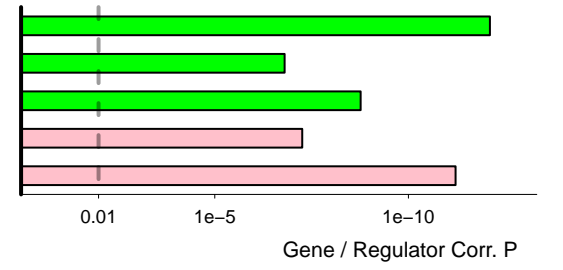
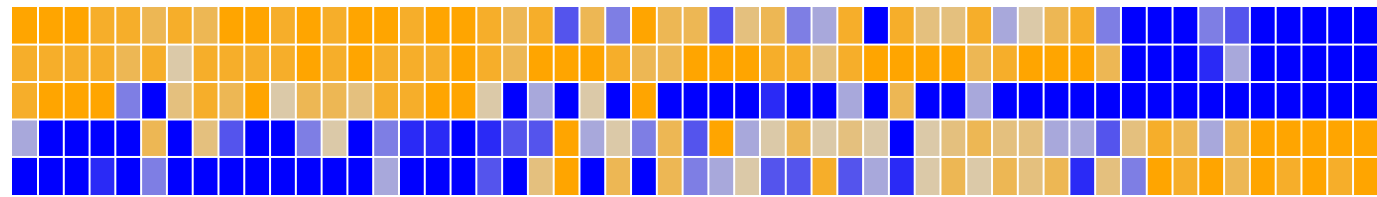
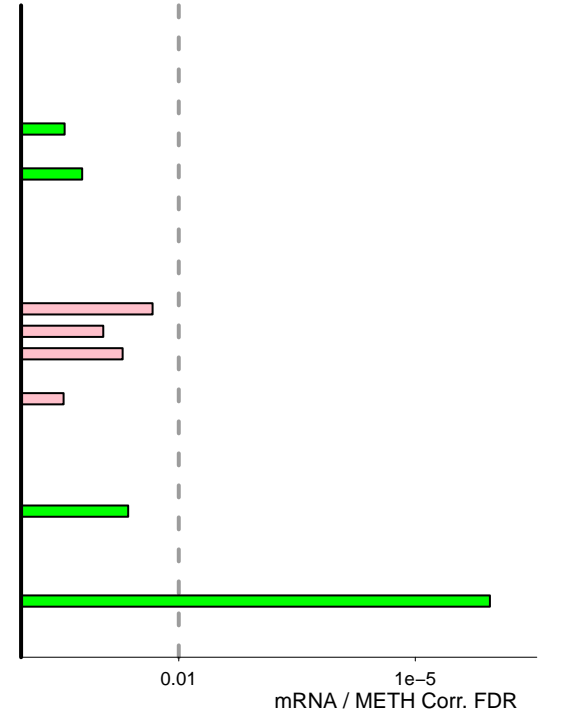
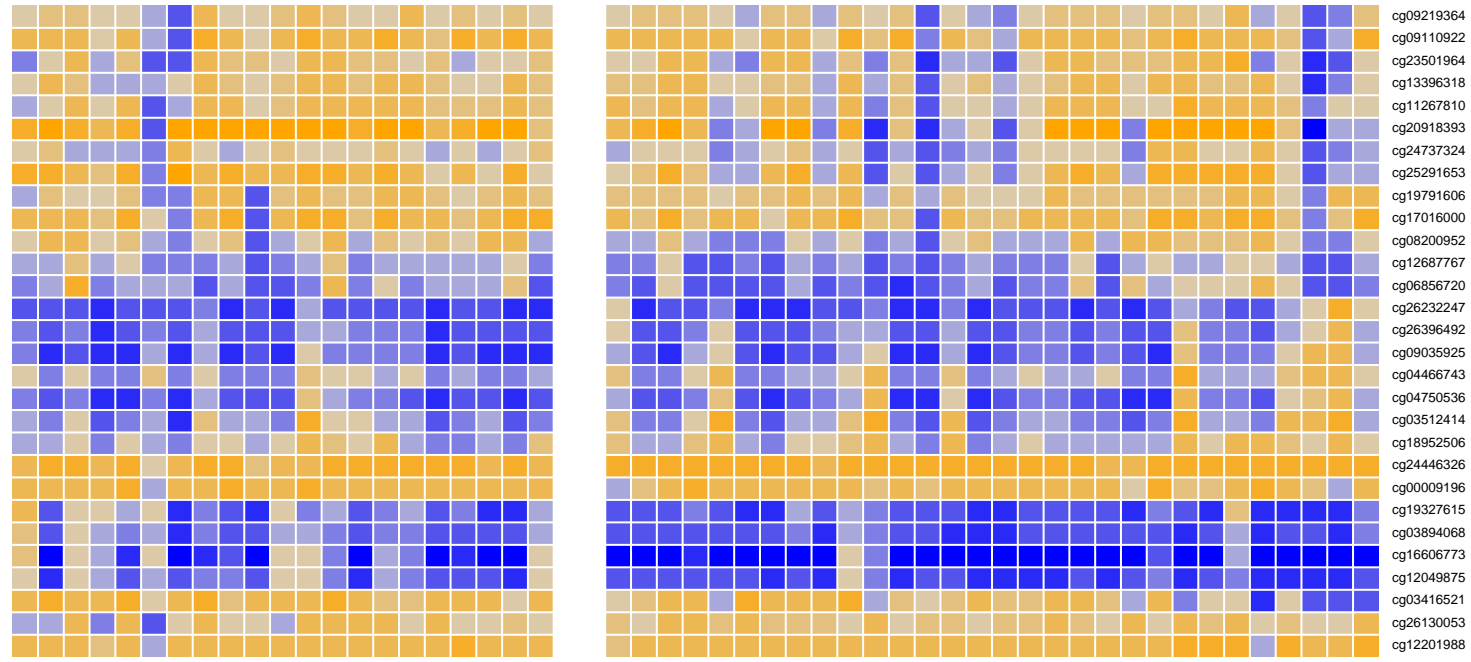
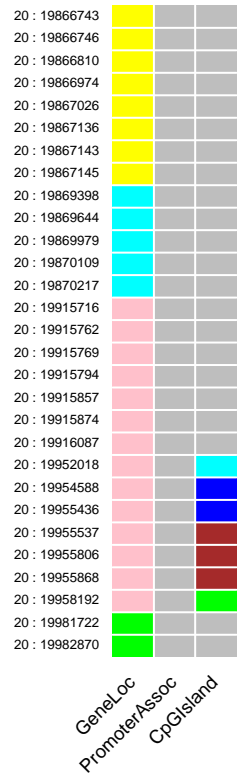
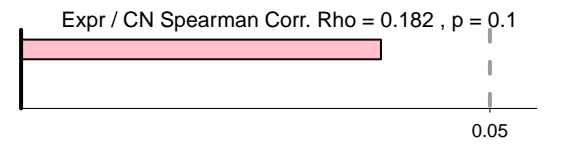
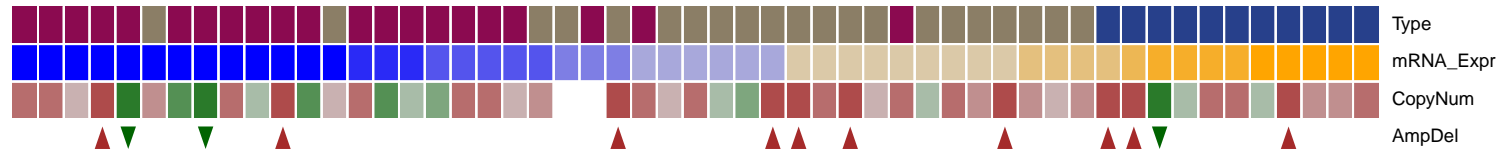


- MITF
- SOX10
- TRPM1
- ZEB1
- AXL

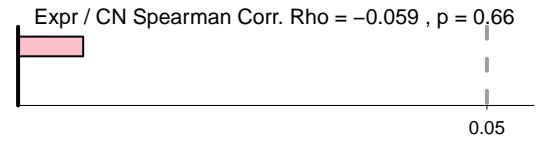
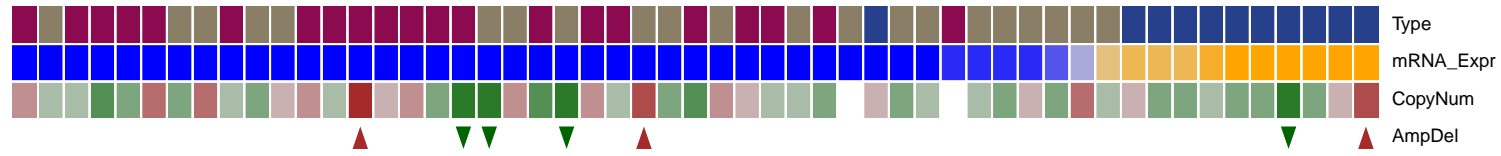


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# RIN2

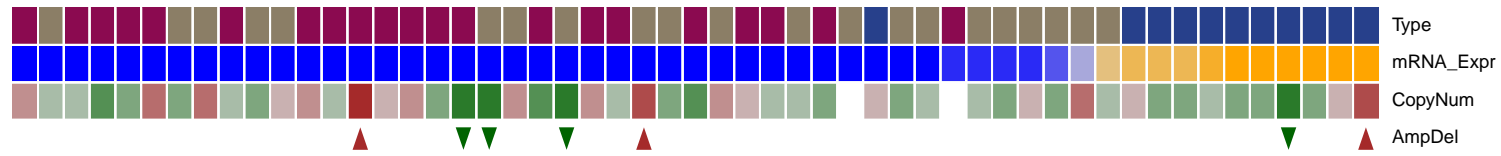
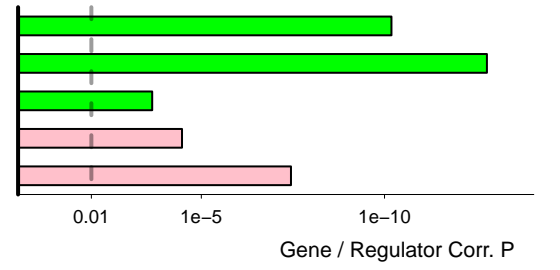
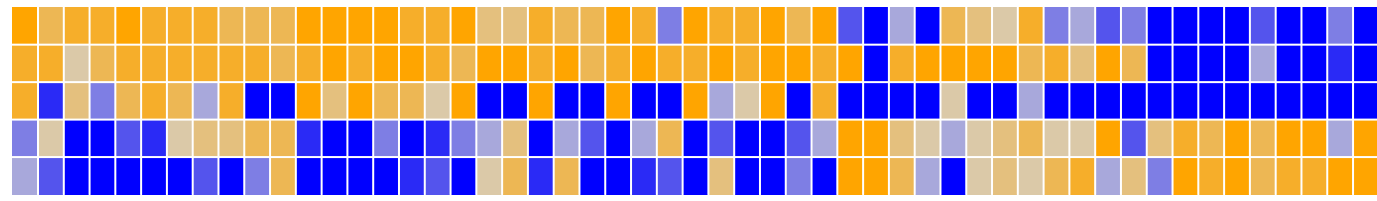
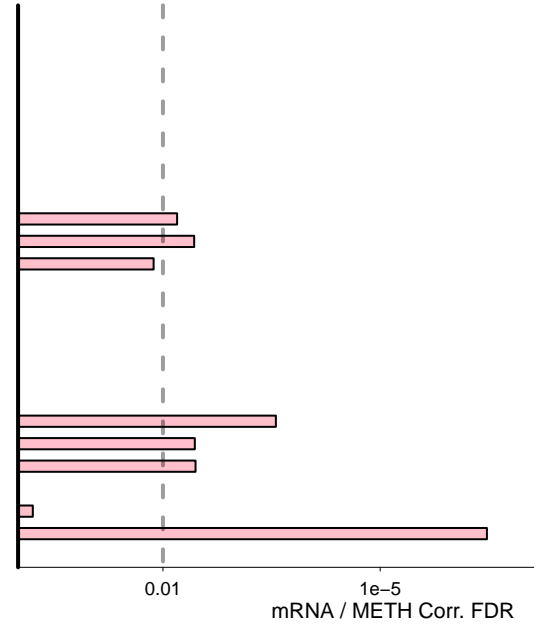
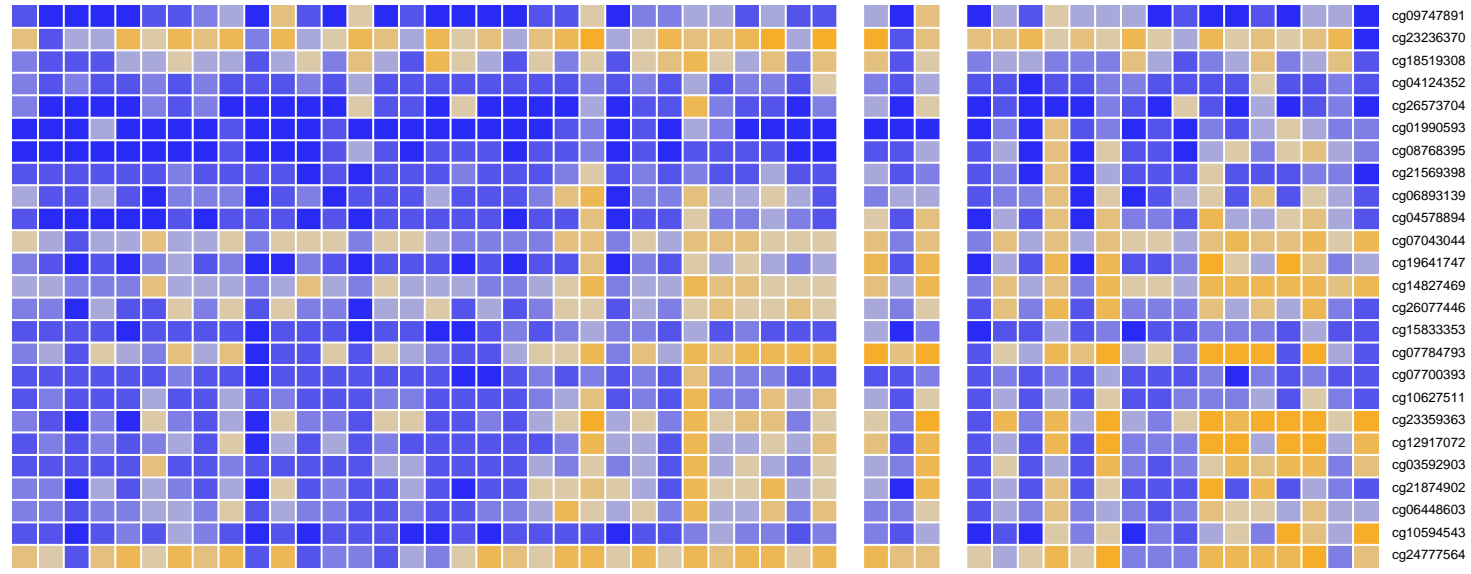


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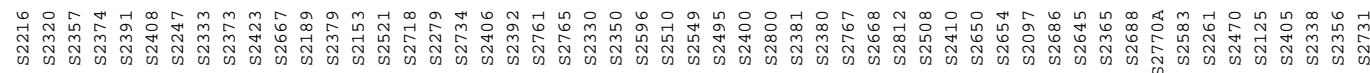
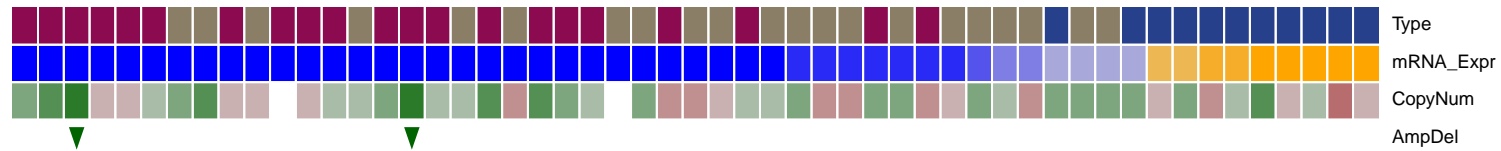
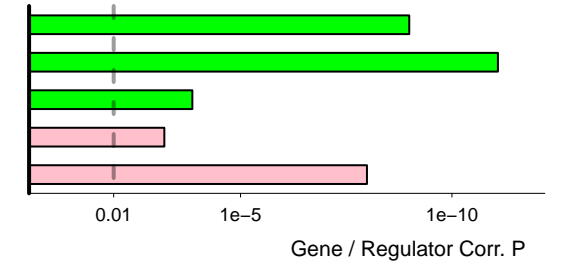
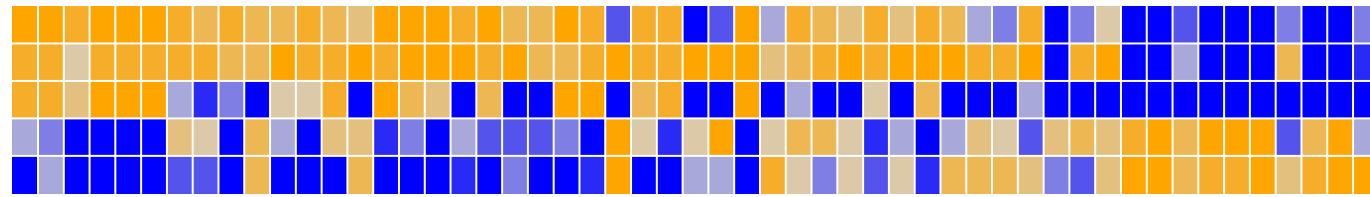
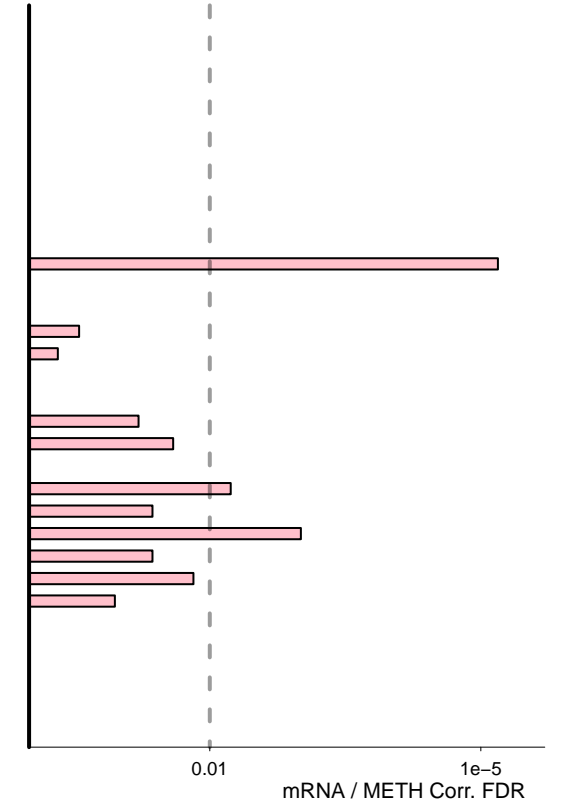
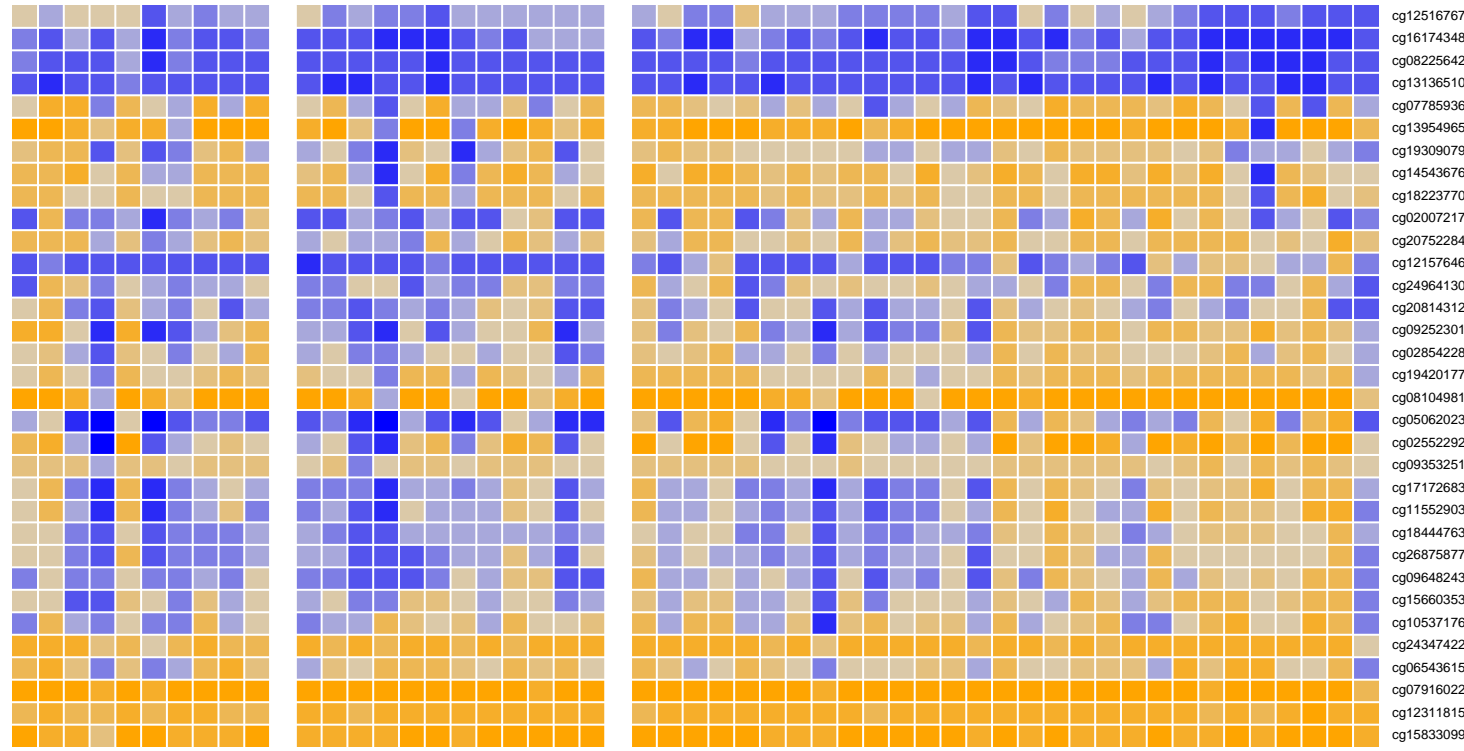
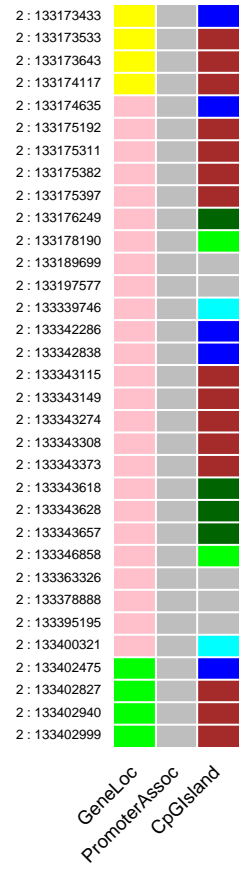
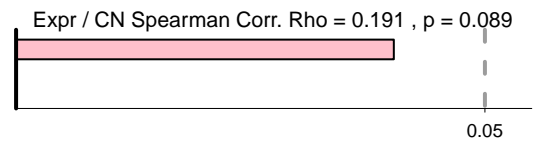
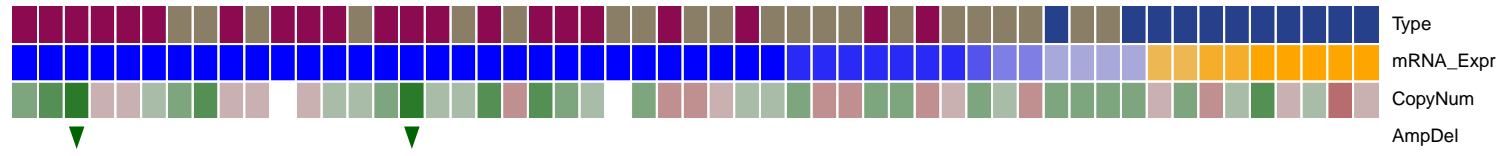
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PromoterAssoc  
CpGIsland

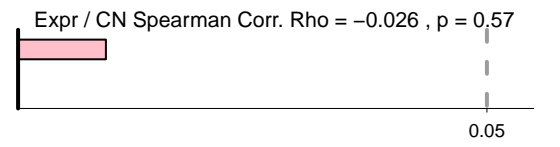
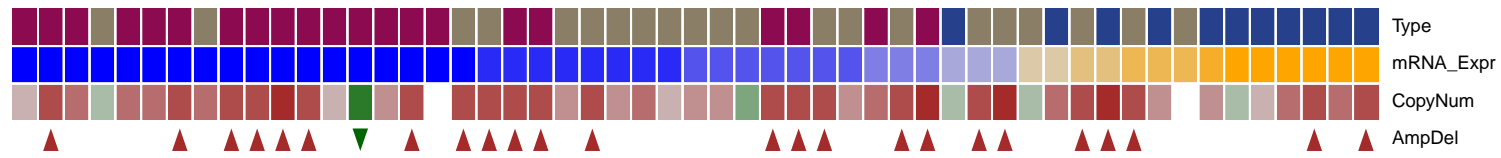


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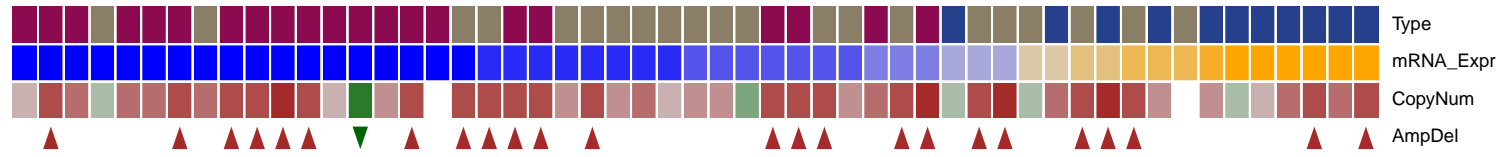
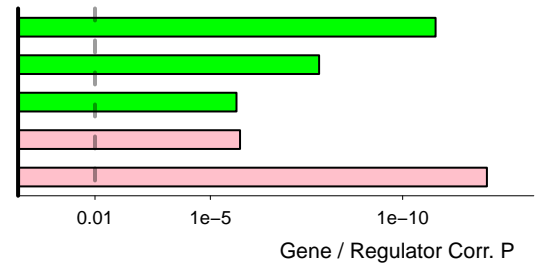
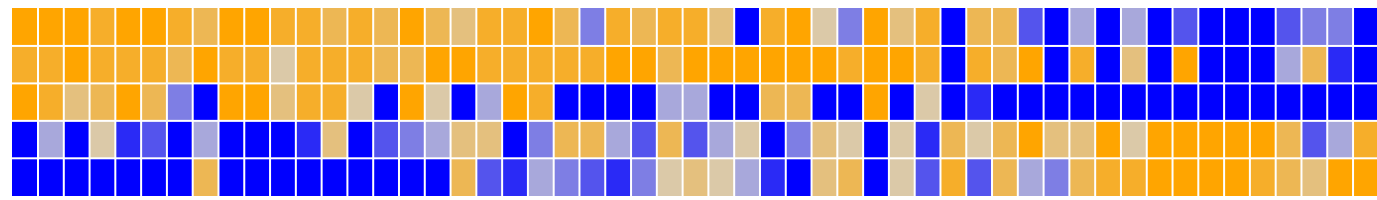
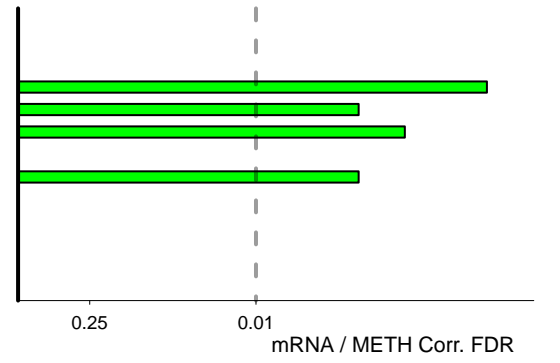
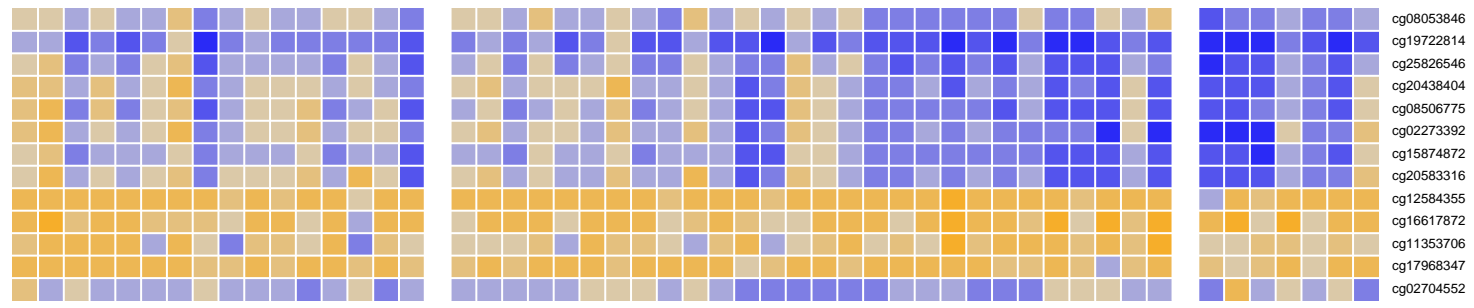


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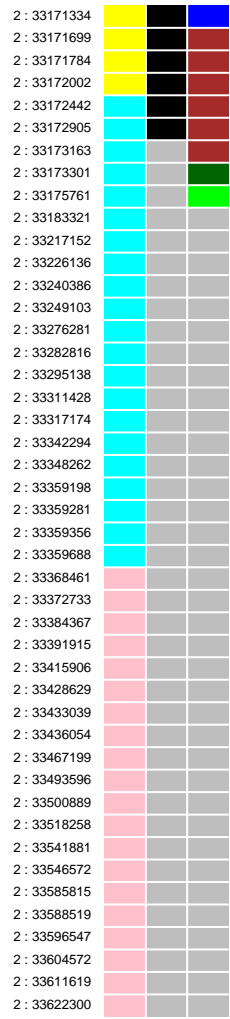
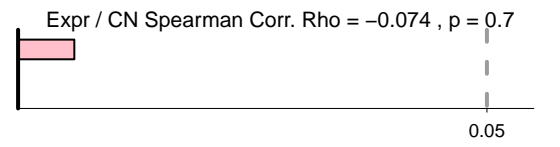
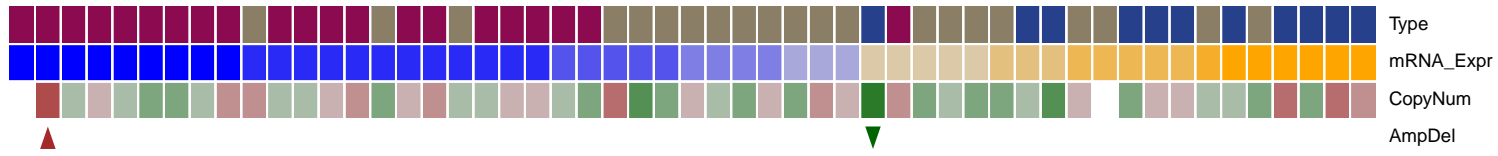
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PromoterAssoc  
CpGIsland



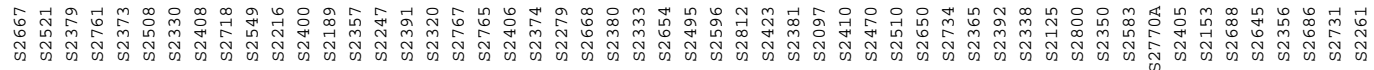
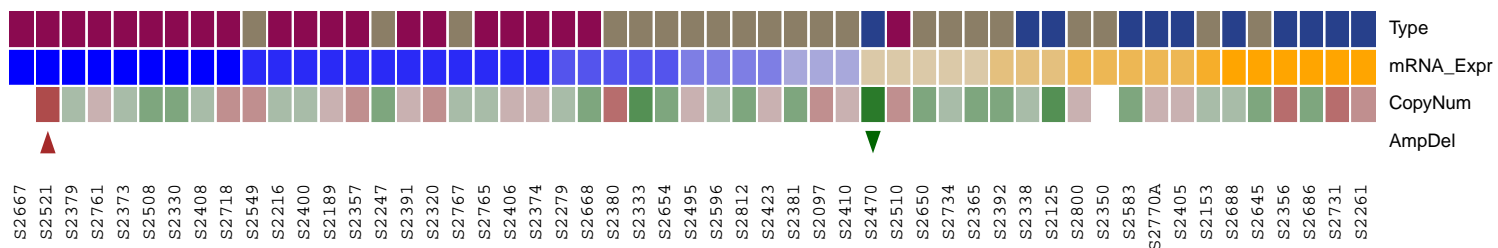
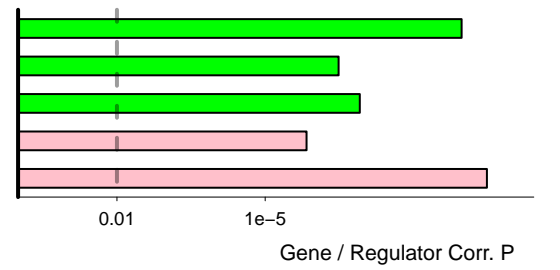
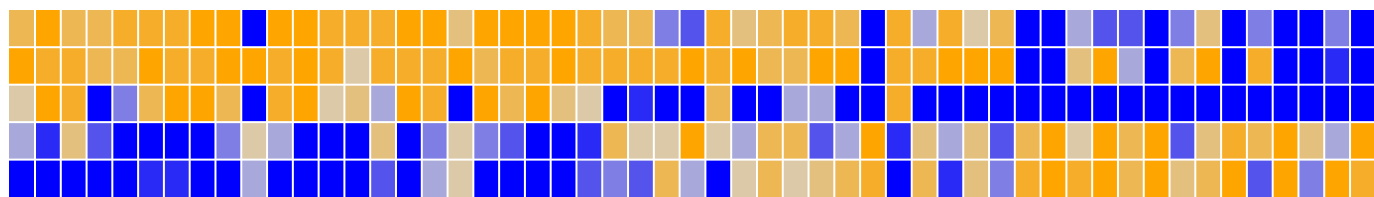
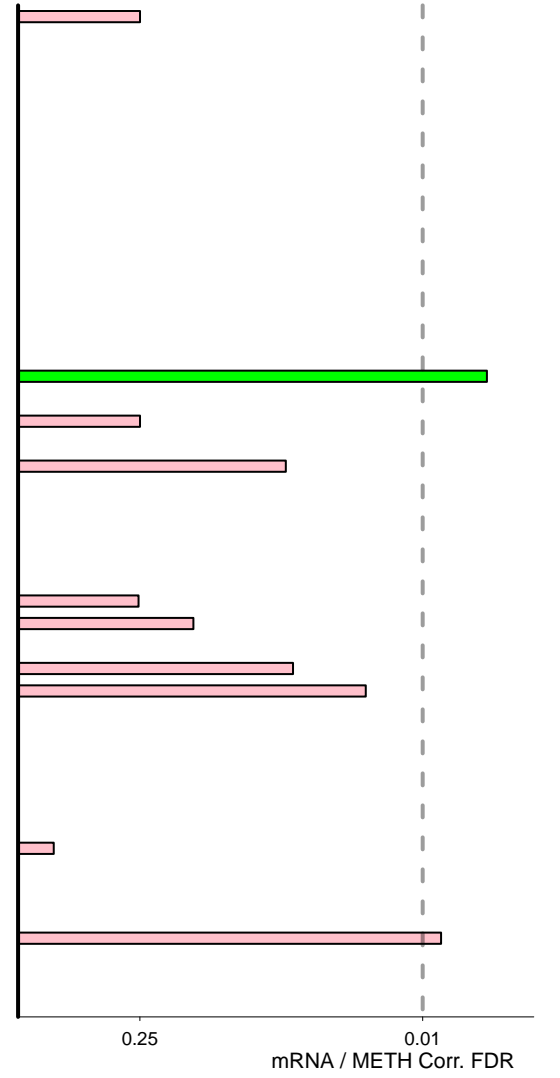
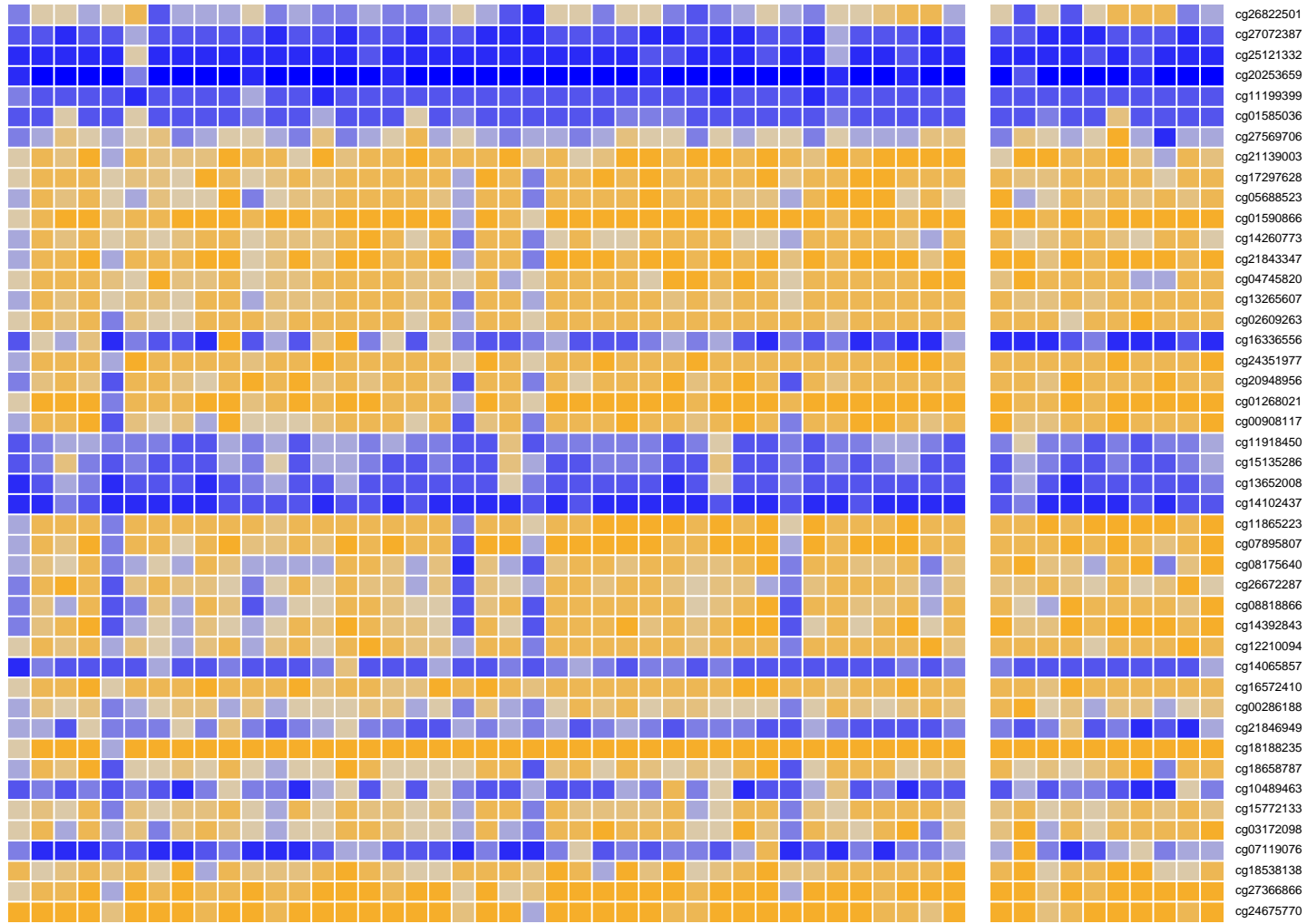
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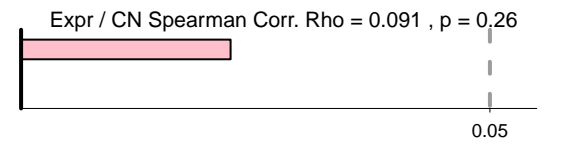
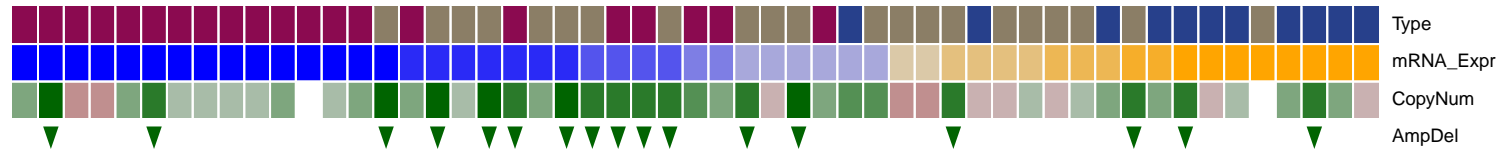
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PromoterAssoc  
CpGIsland

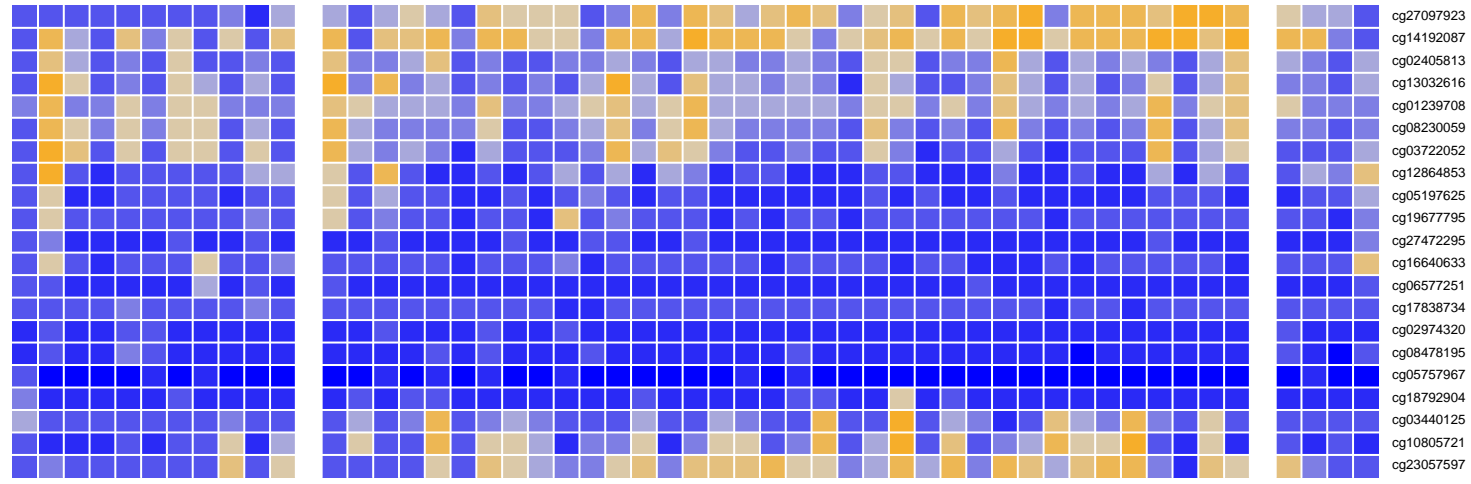


# TPBG

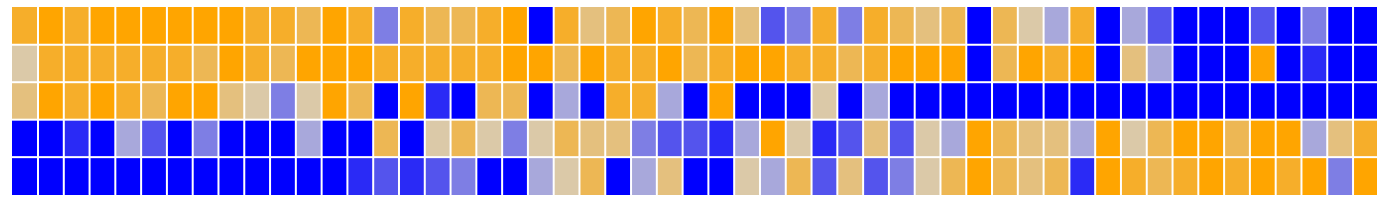
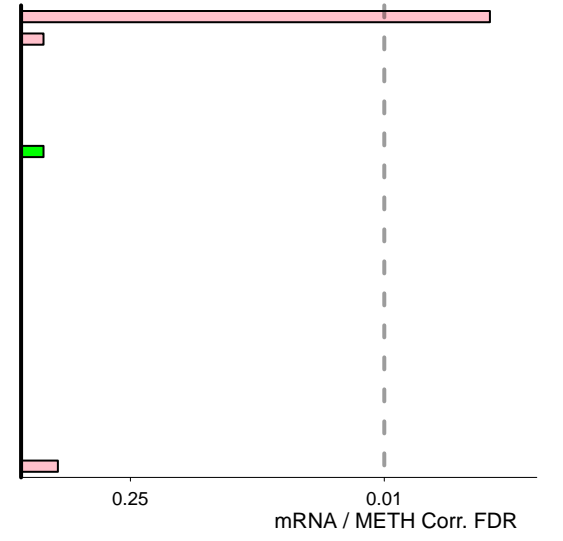


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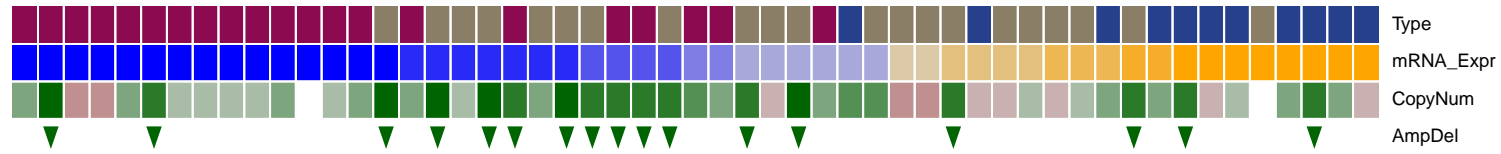
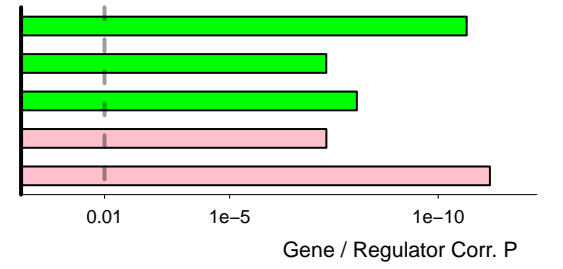
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 CpGIsland



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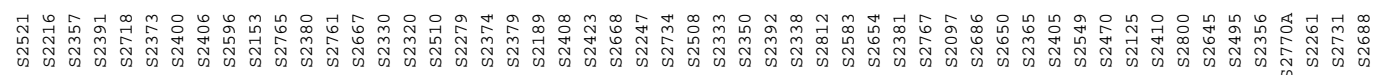
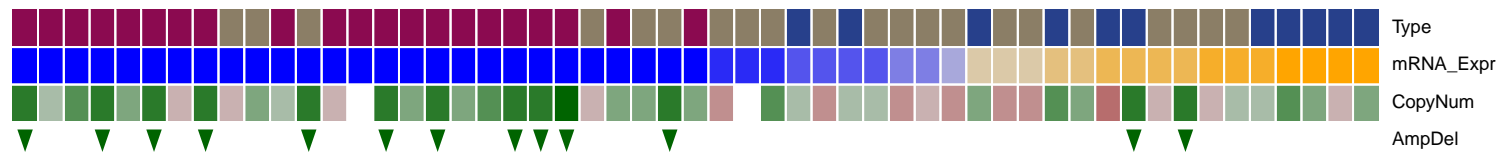
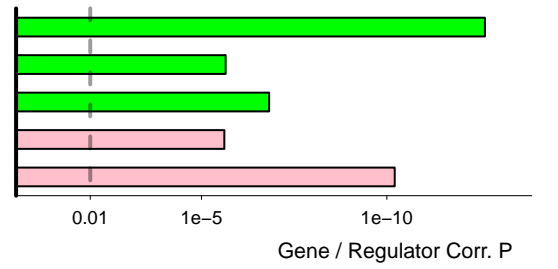
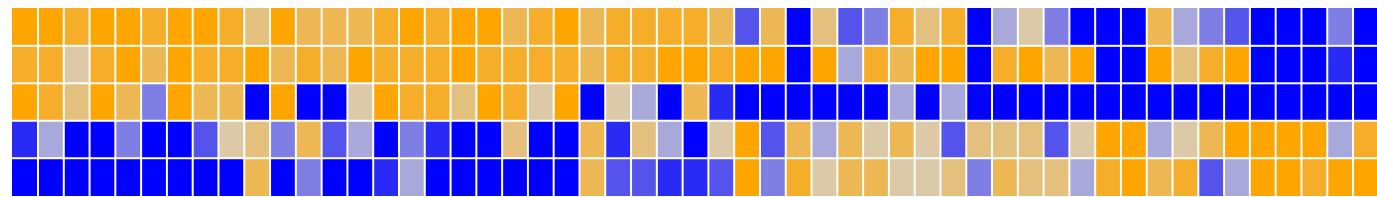
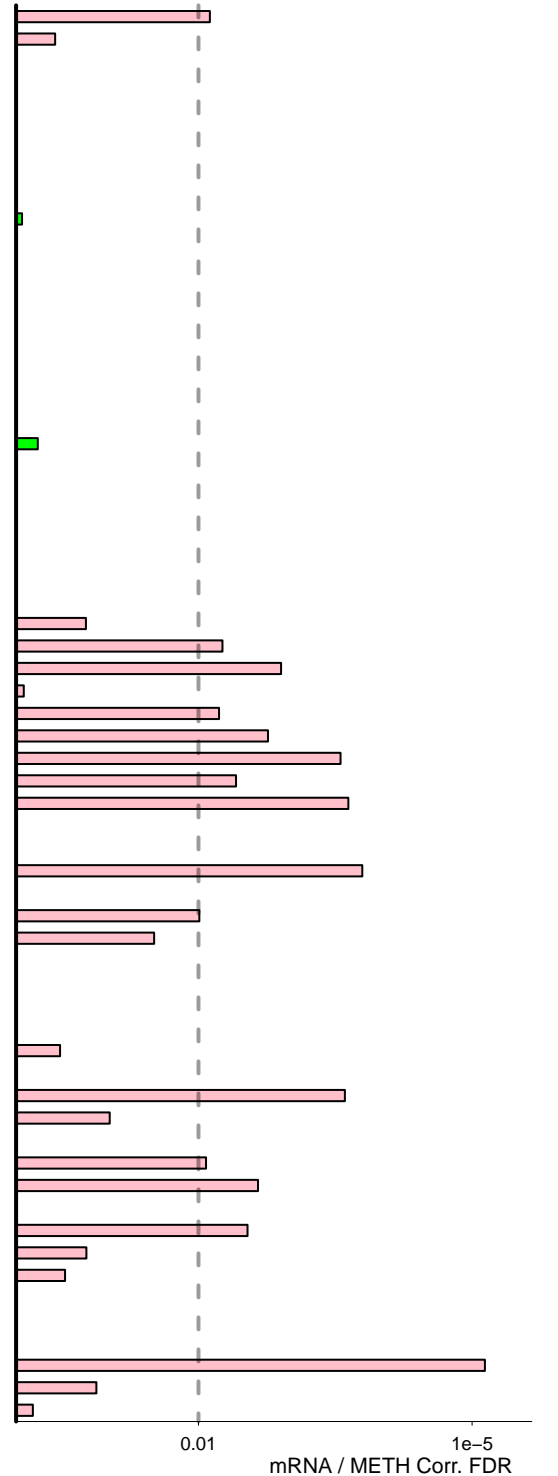
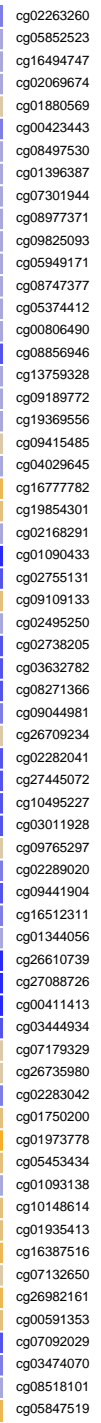
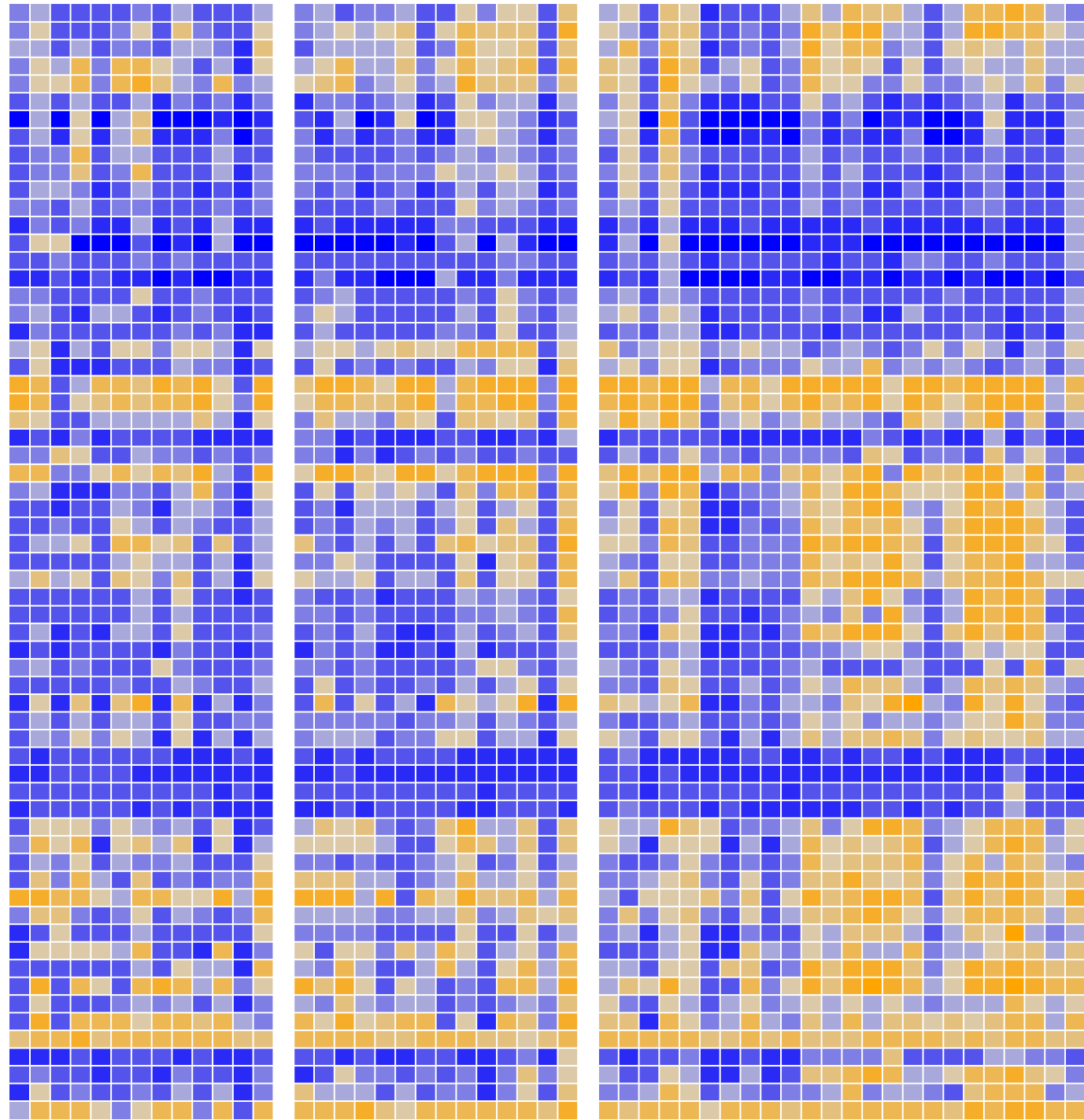
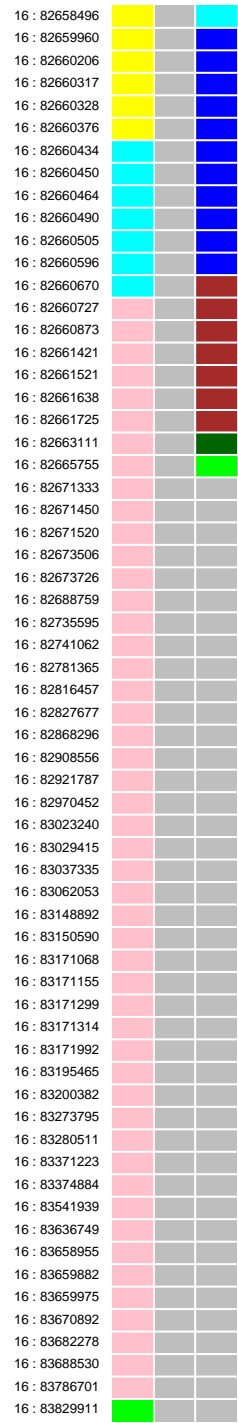
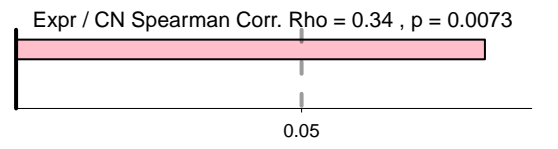
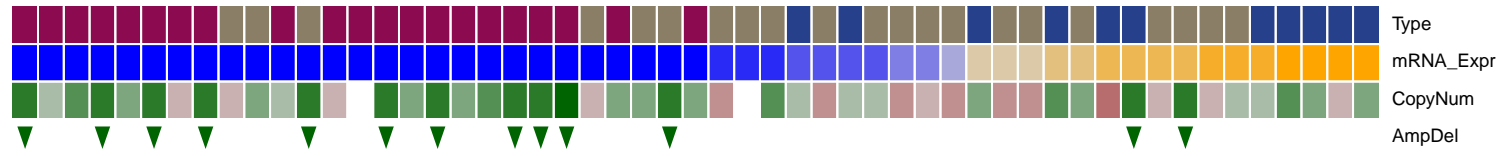


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- SOX10
- TRPM1
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- AXL

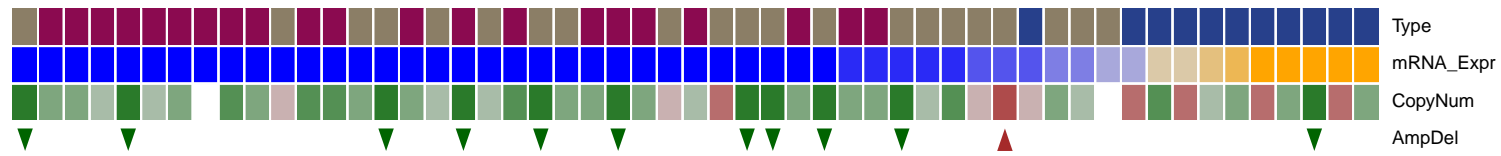


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# CDH13

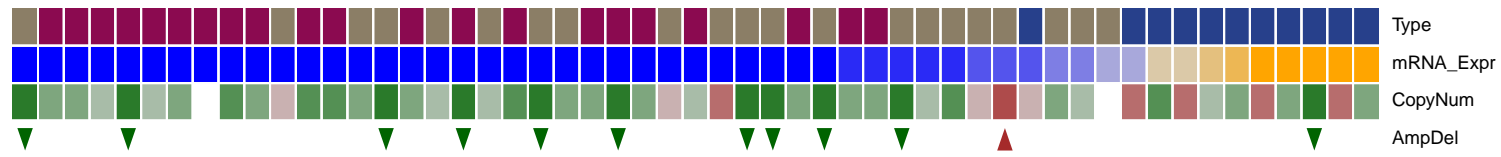
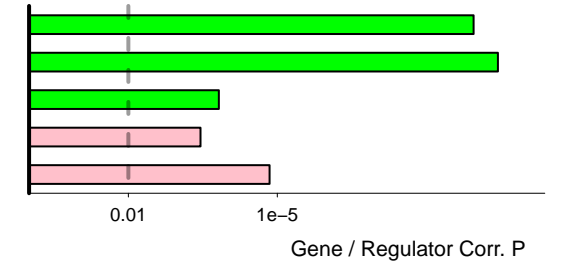
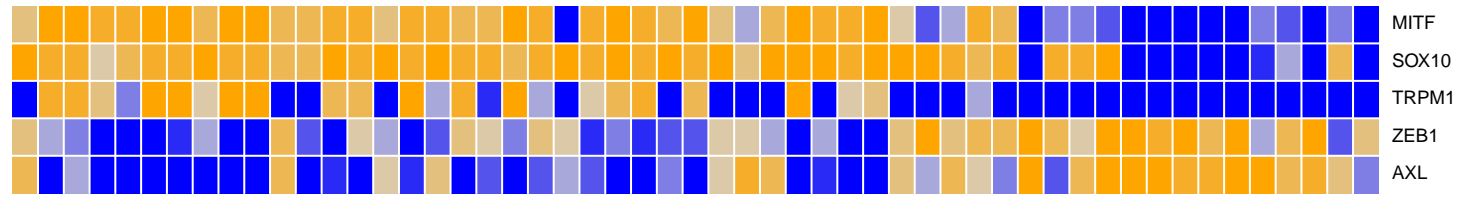
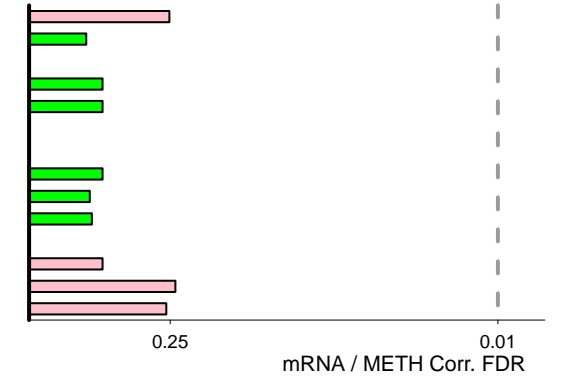
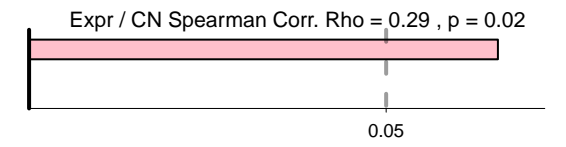
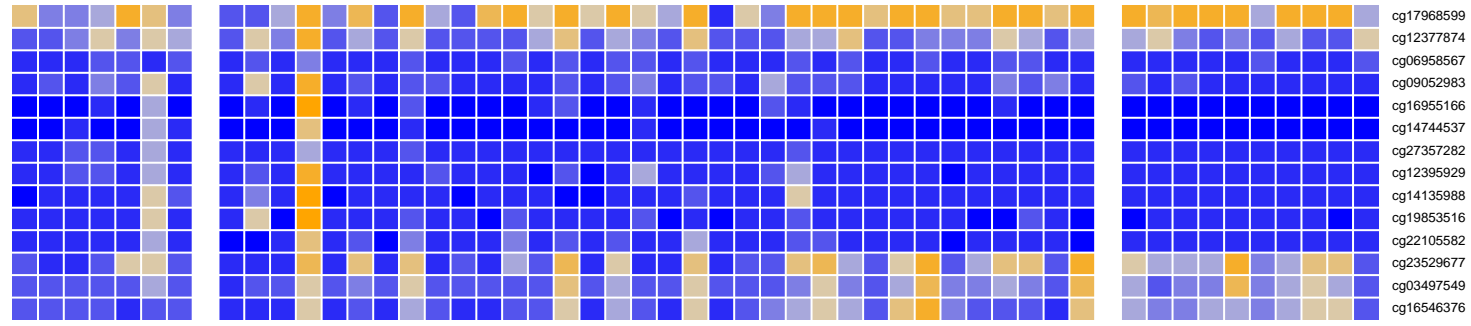


# RAB27B



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GenLoc  
 PromoterAssoc  
 CpGIsland



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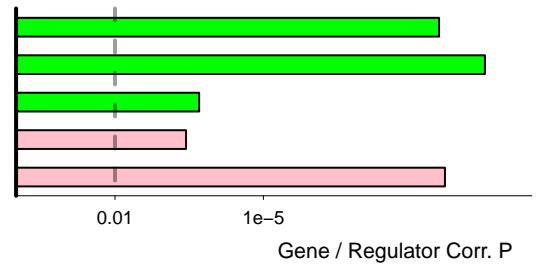
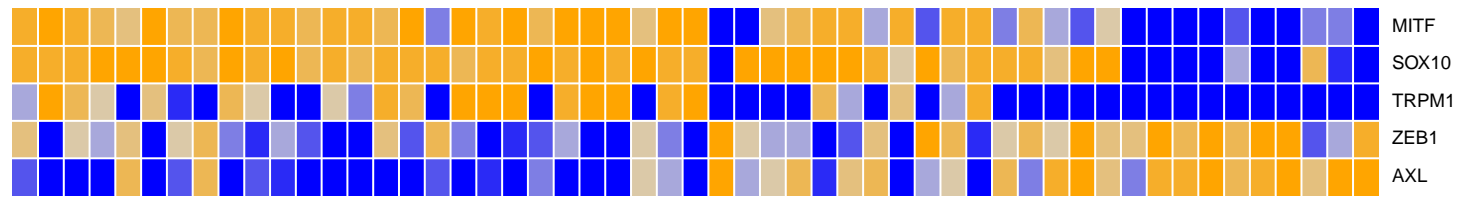
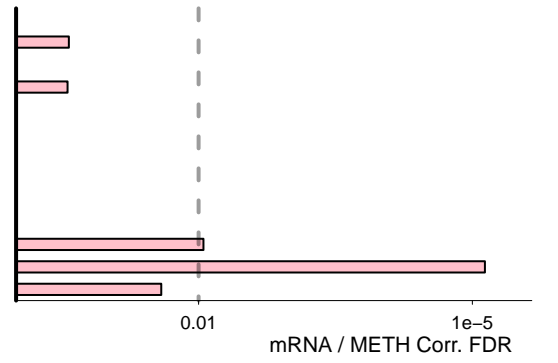
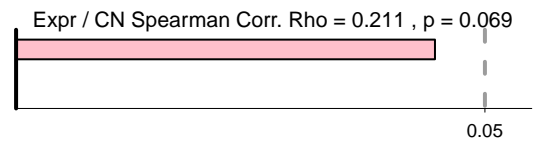
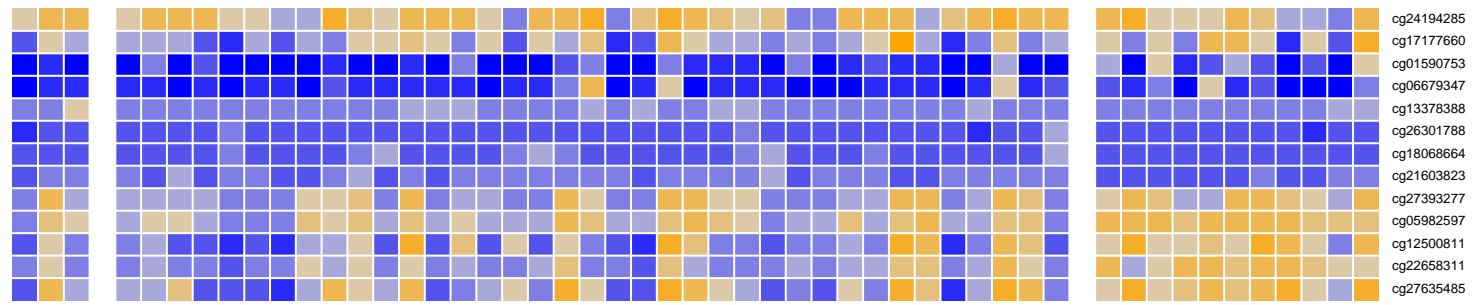
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# VEGFC



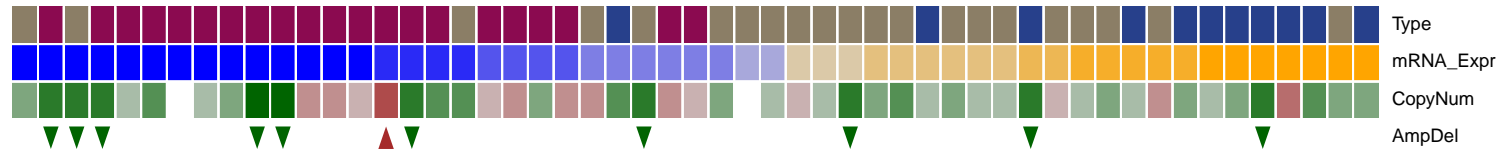
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GeneLoc  
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CpGIsland



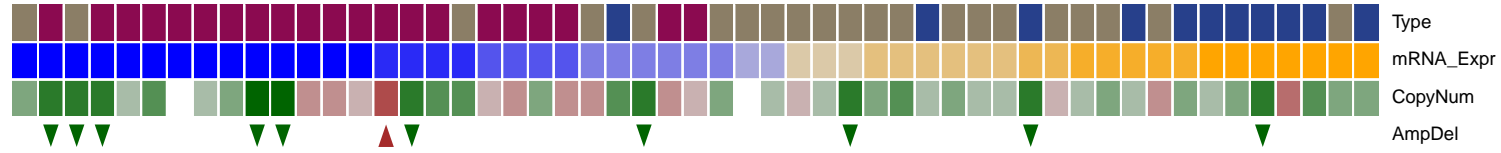
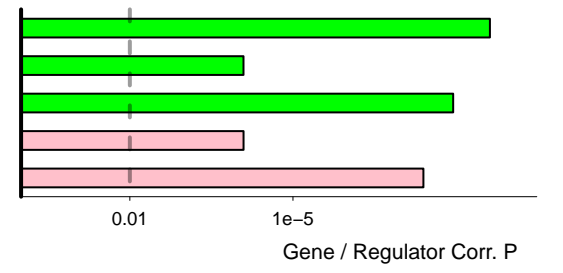
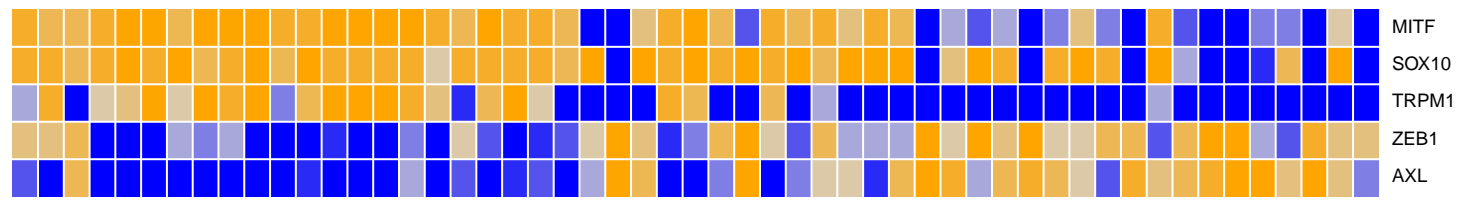
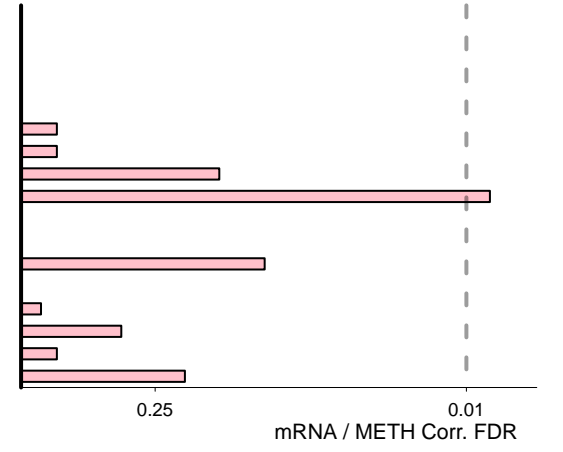
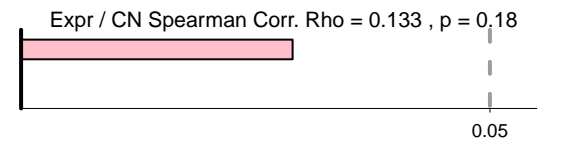
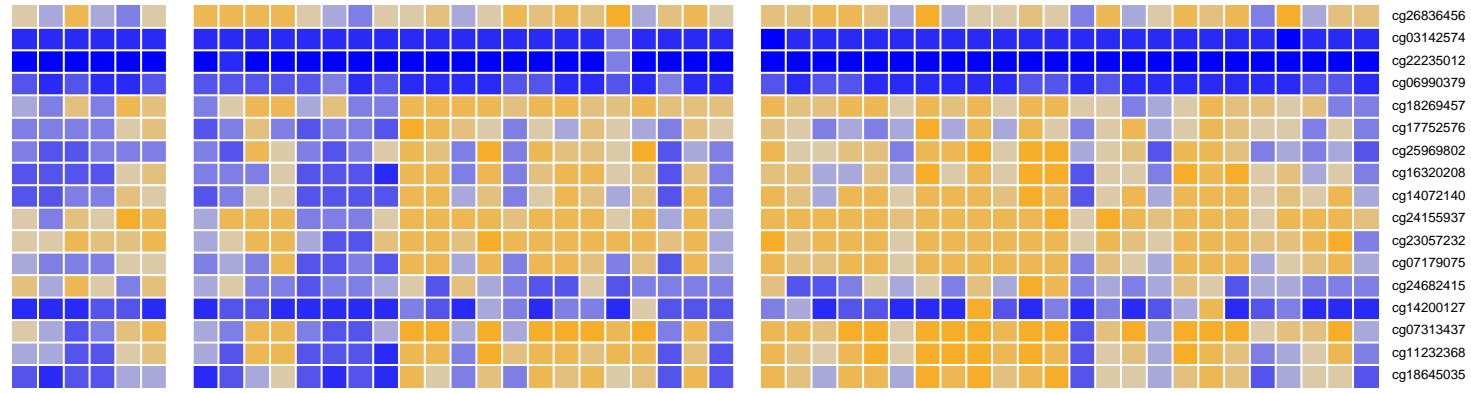
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# DPYD



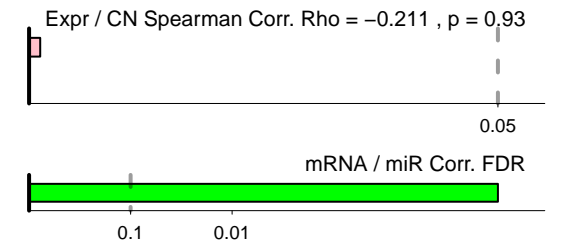
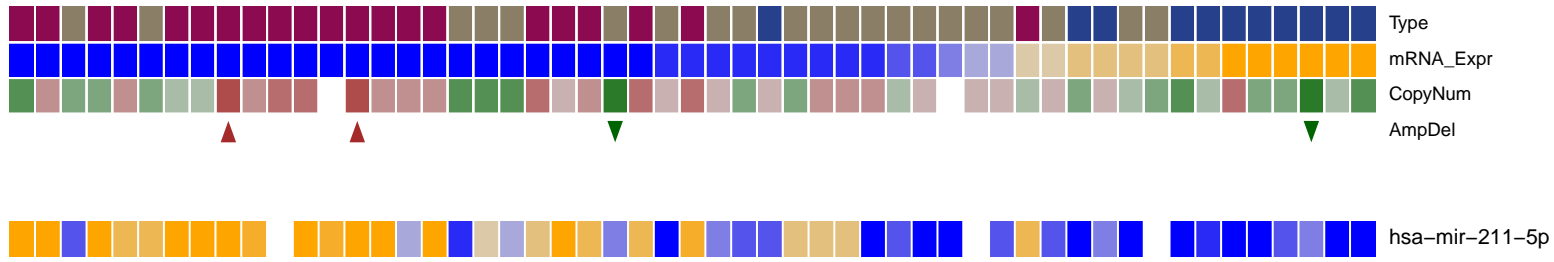
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GeneLoc  
 PromoterAssoc  
 CpGIsland



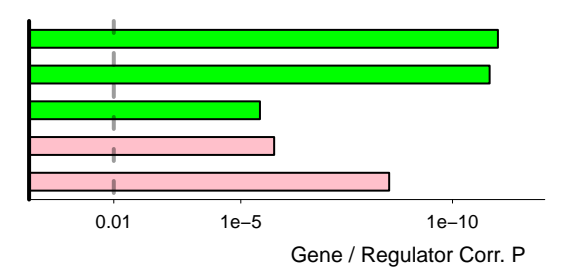
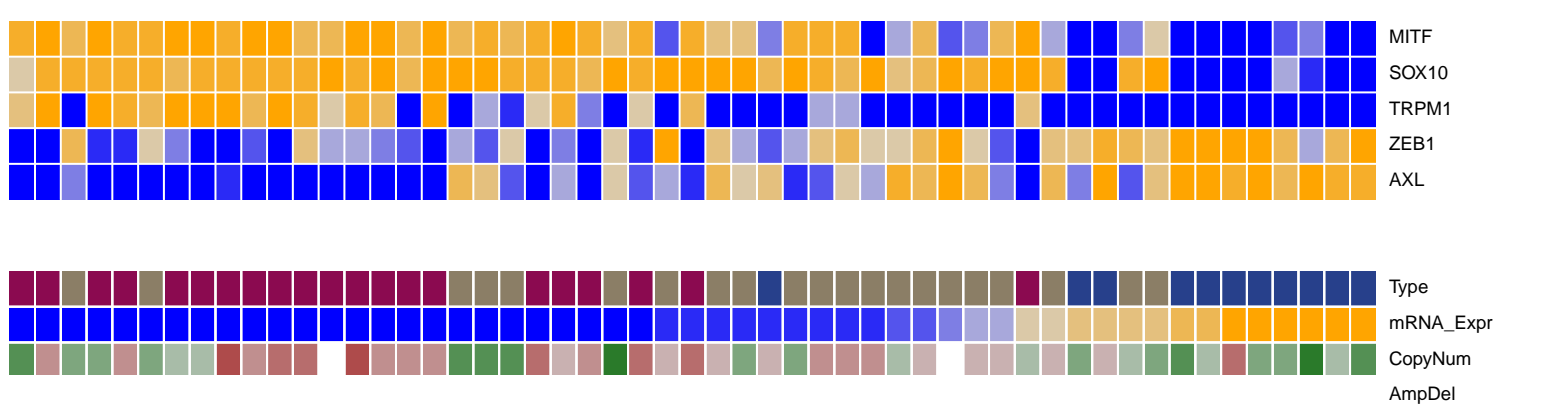
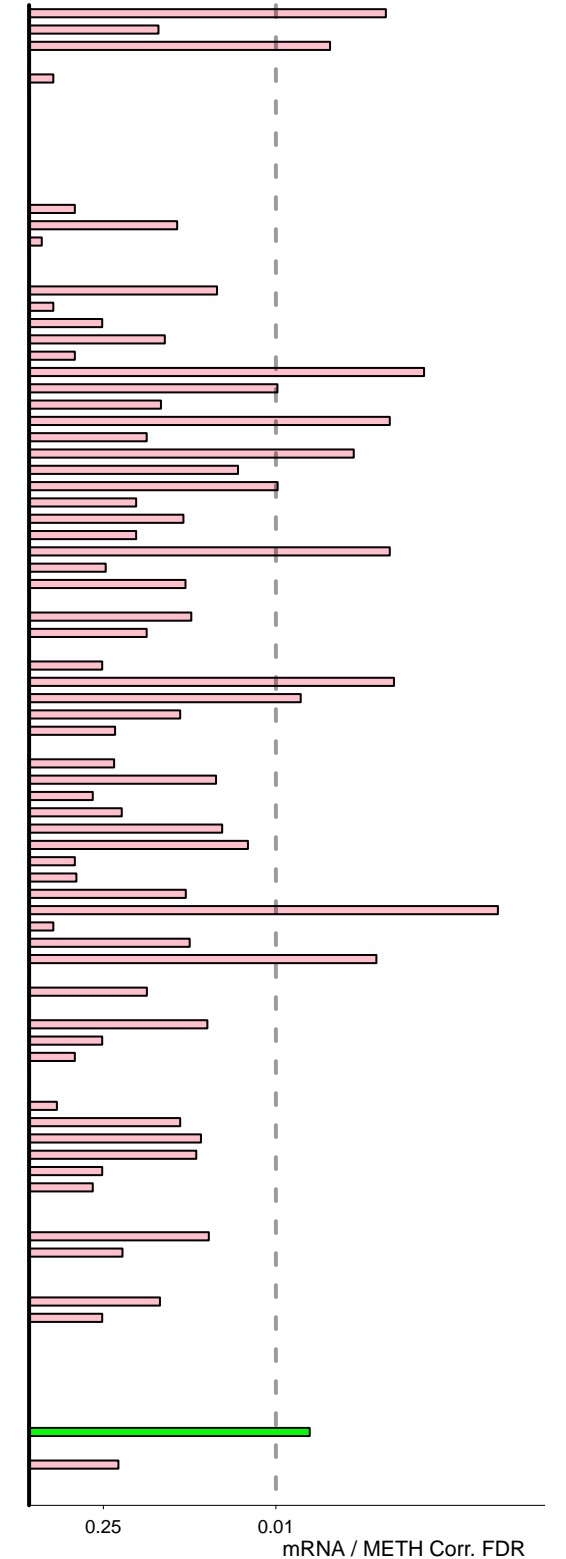
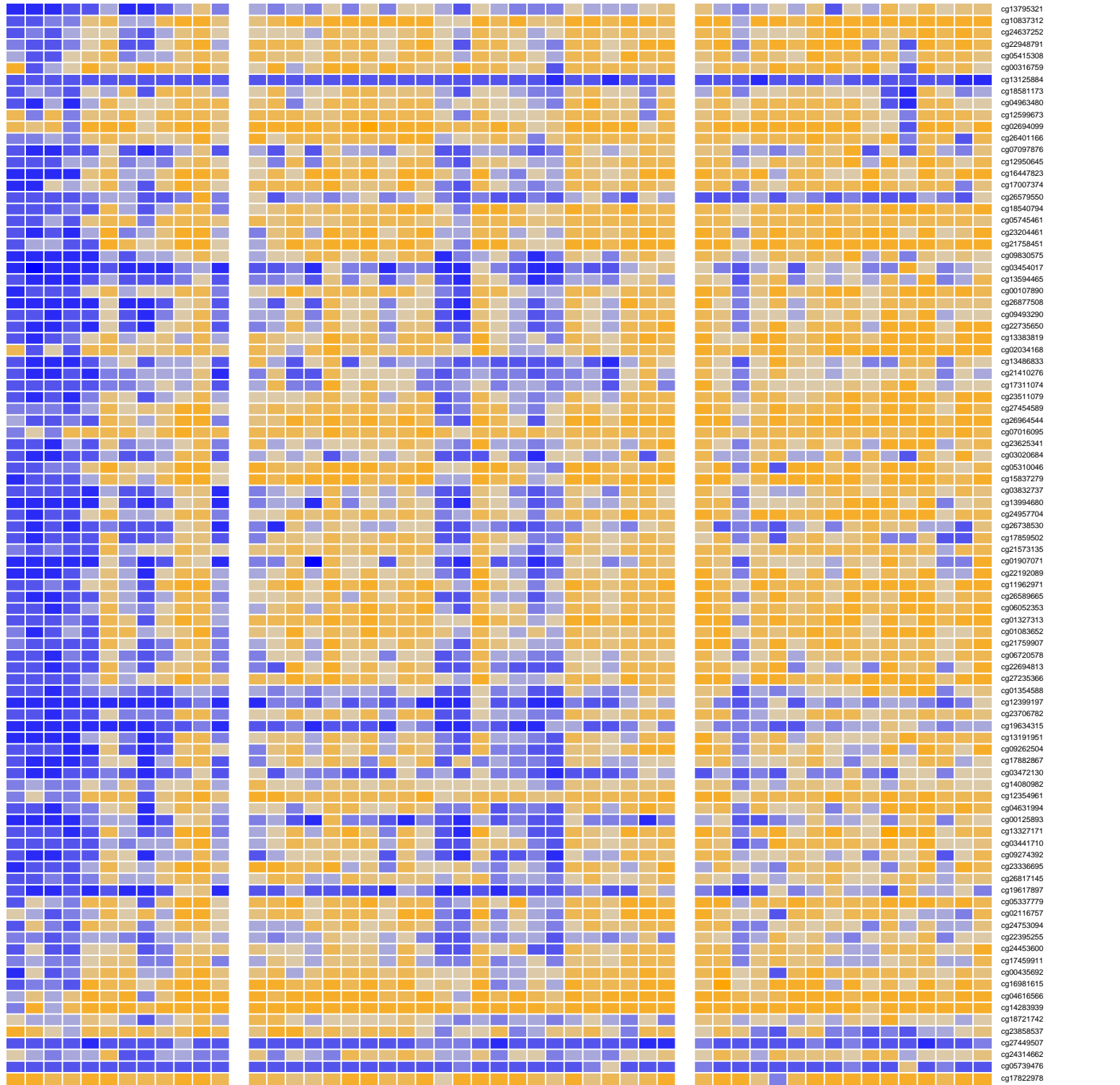
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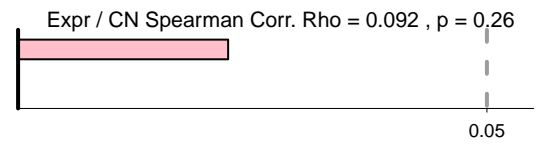
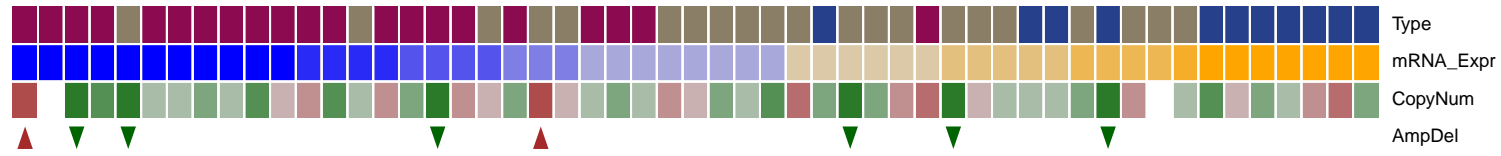
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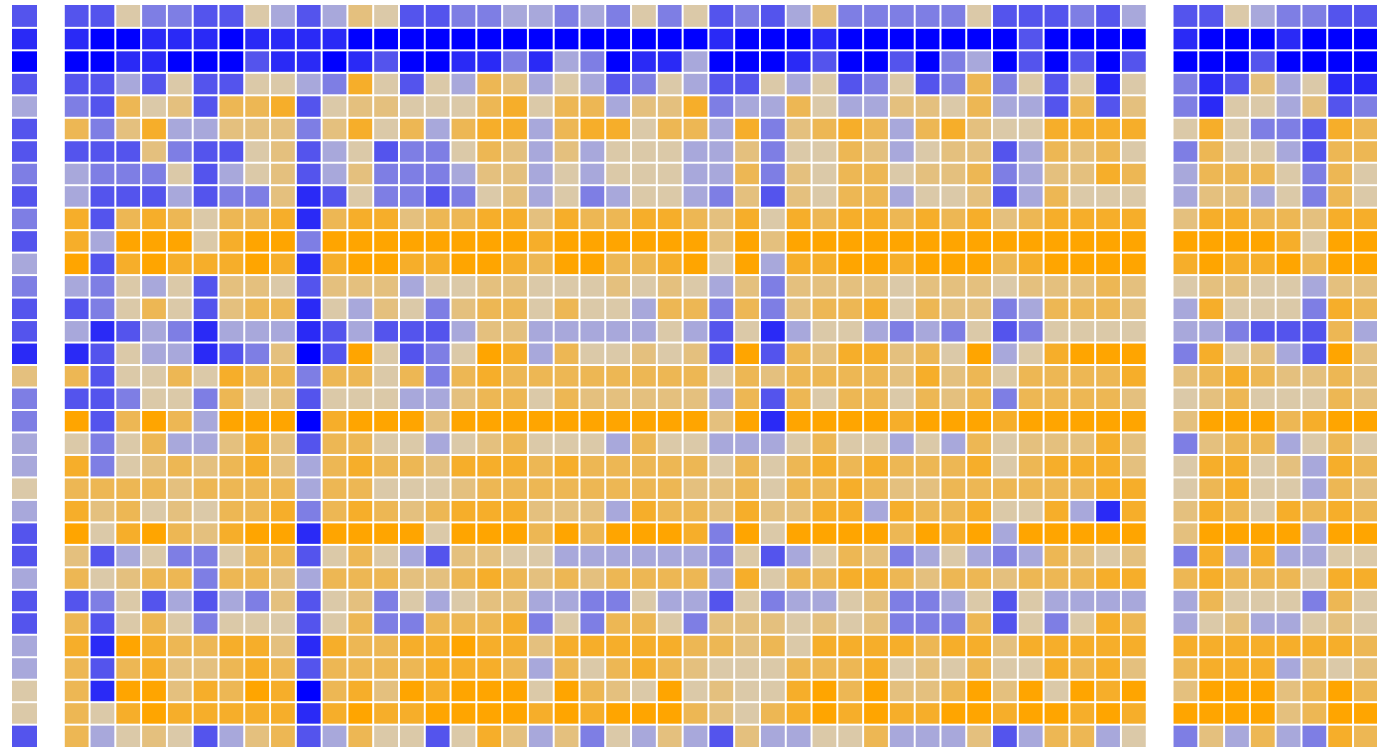
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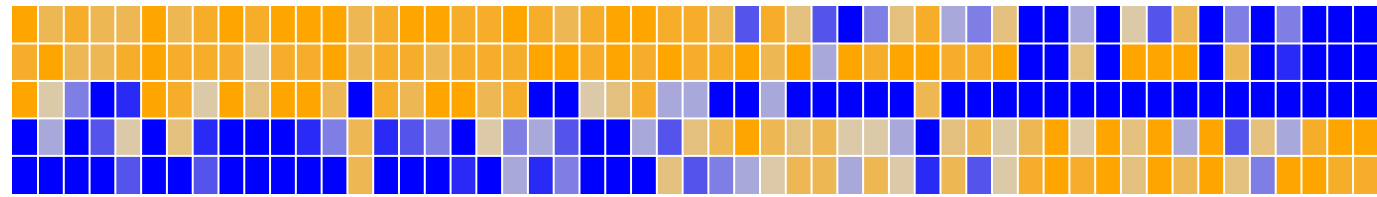
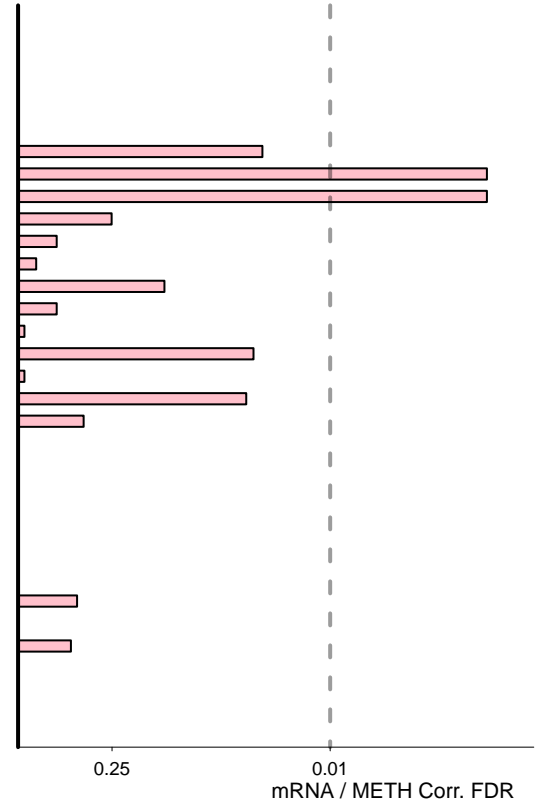


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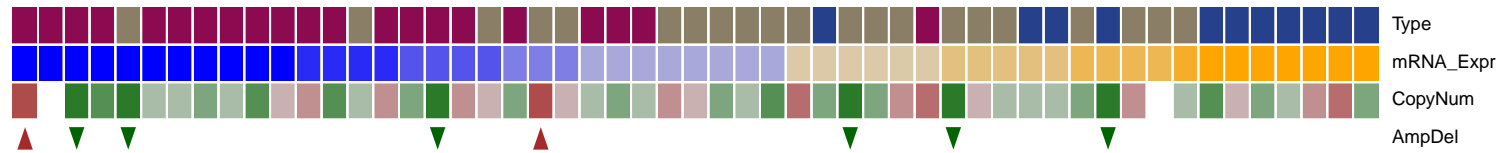
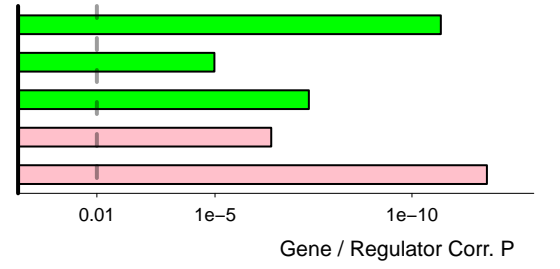
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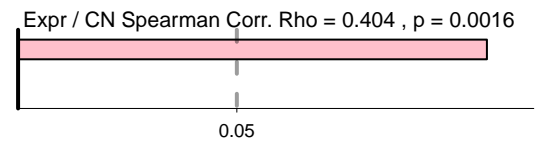
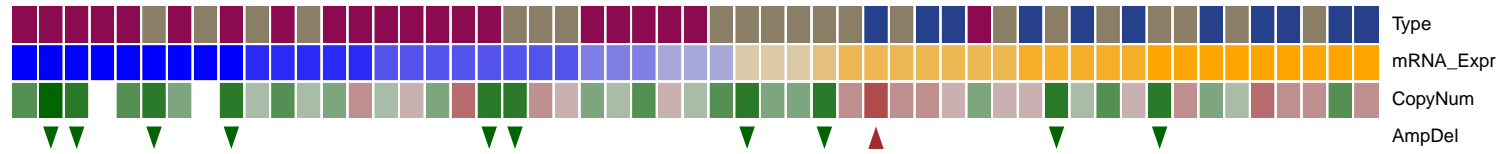


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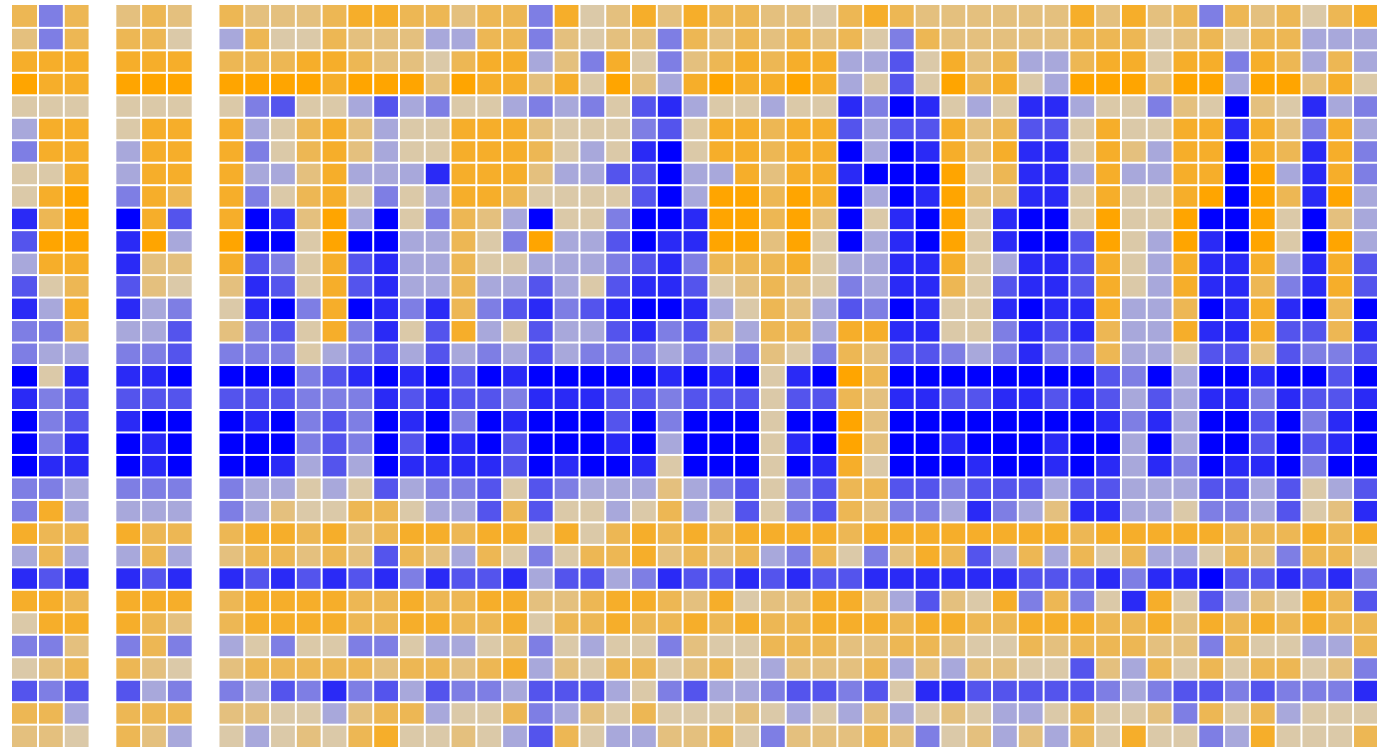


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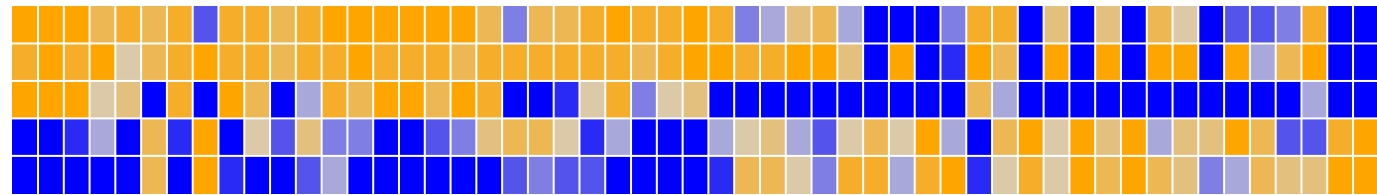
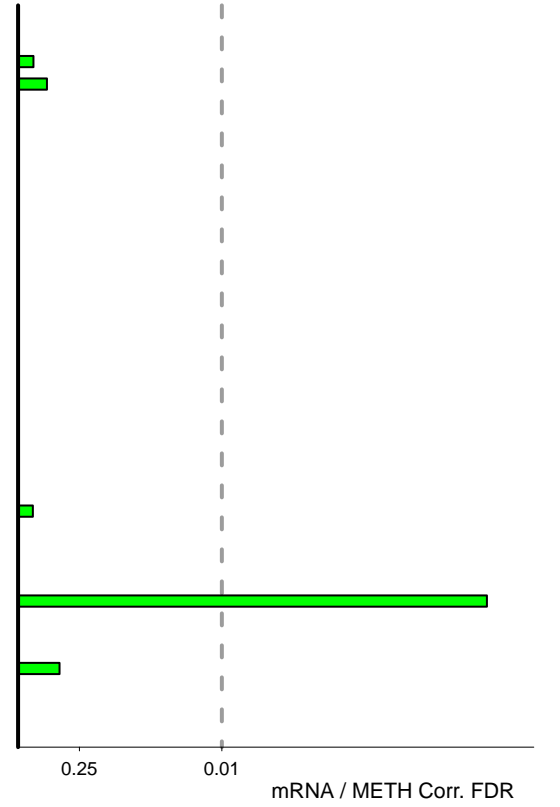


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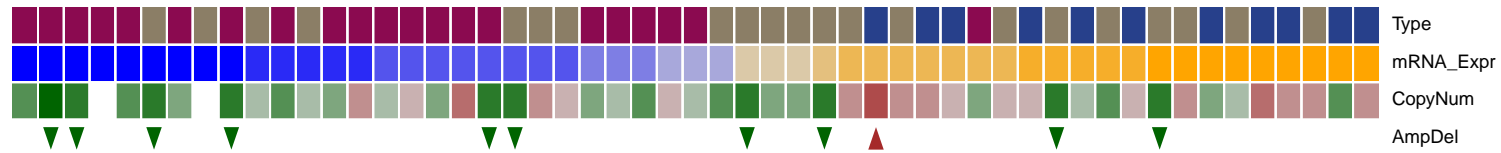
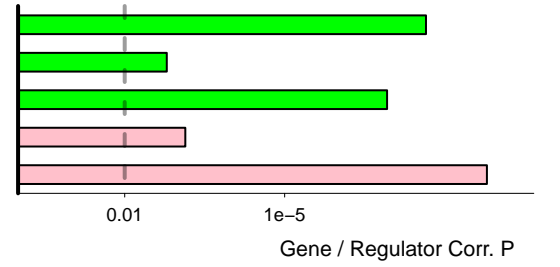
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MITF  
SOX10  
TRPM1  
ZEB1  
AXL



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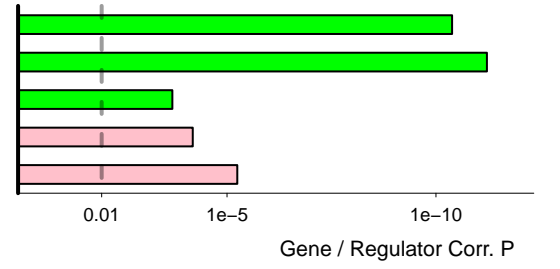
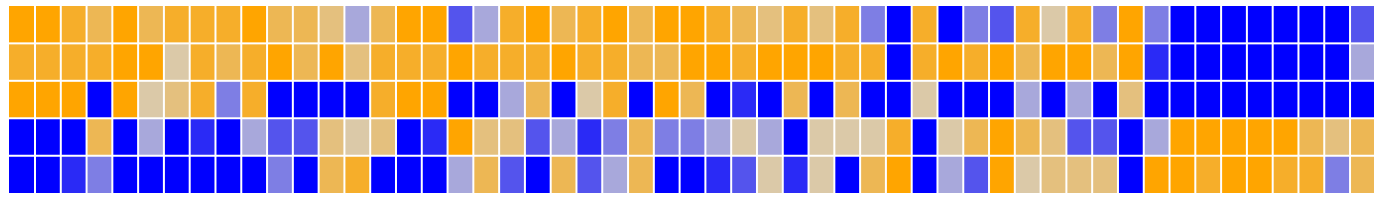
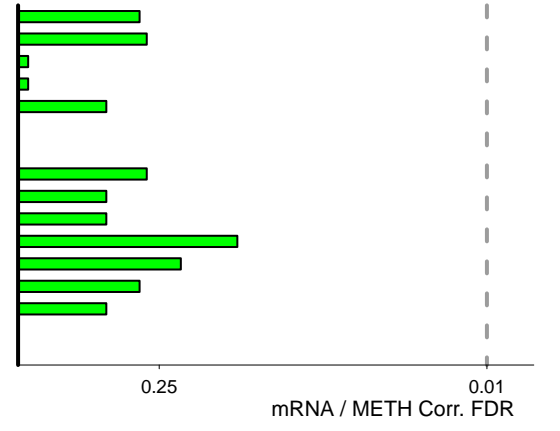
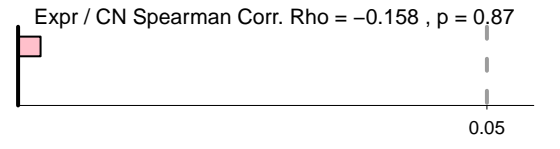
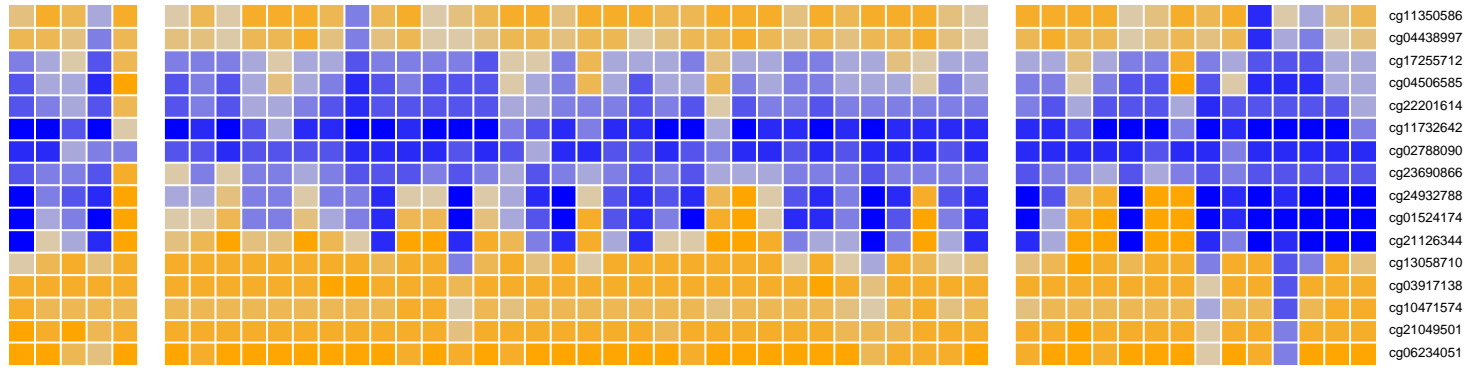
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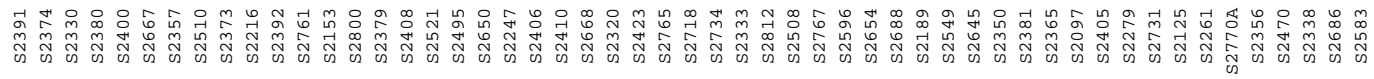


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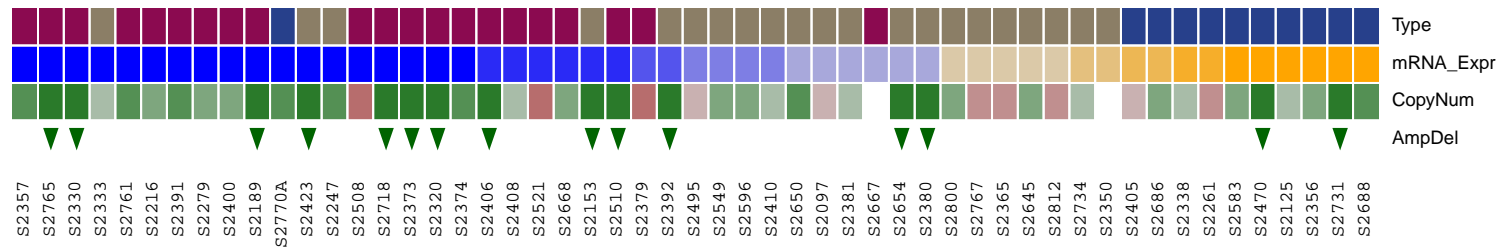
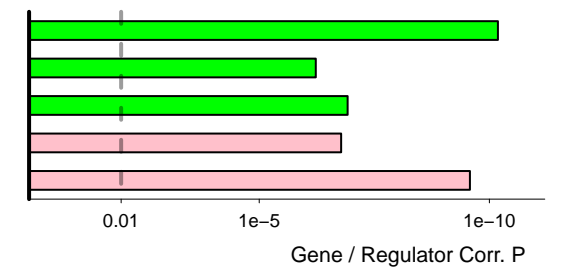
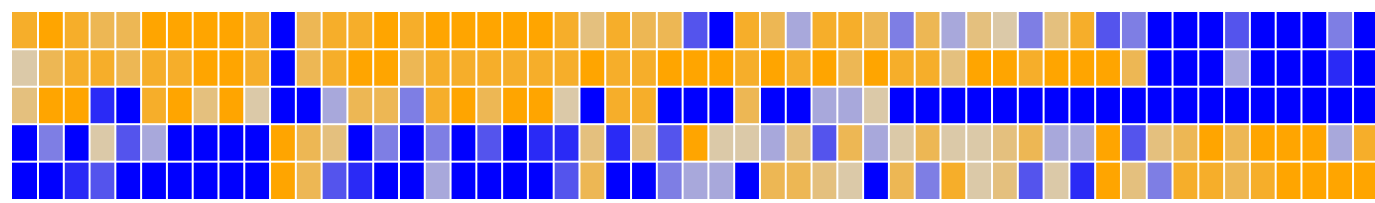
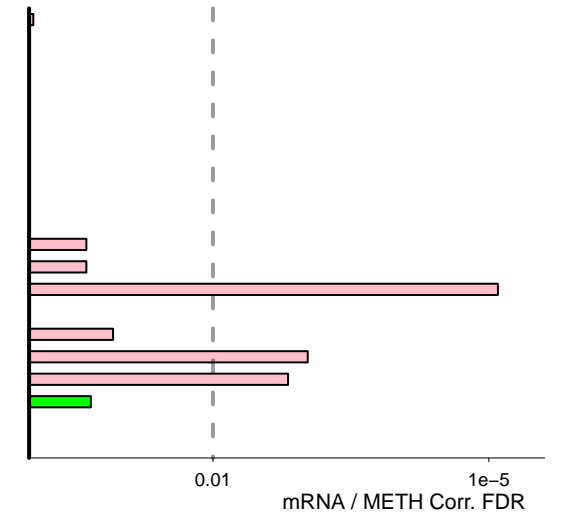
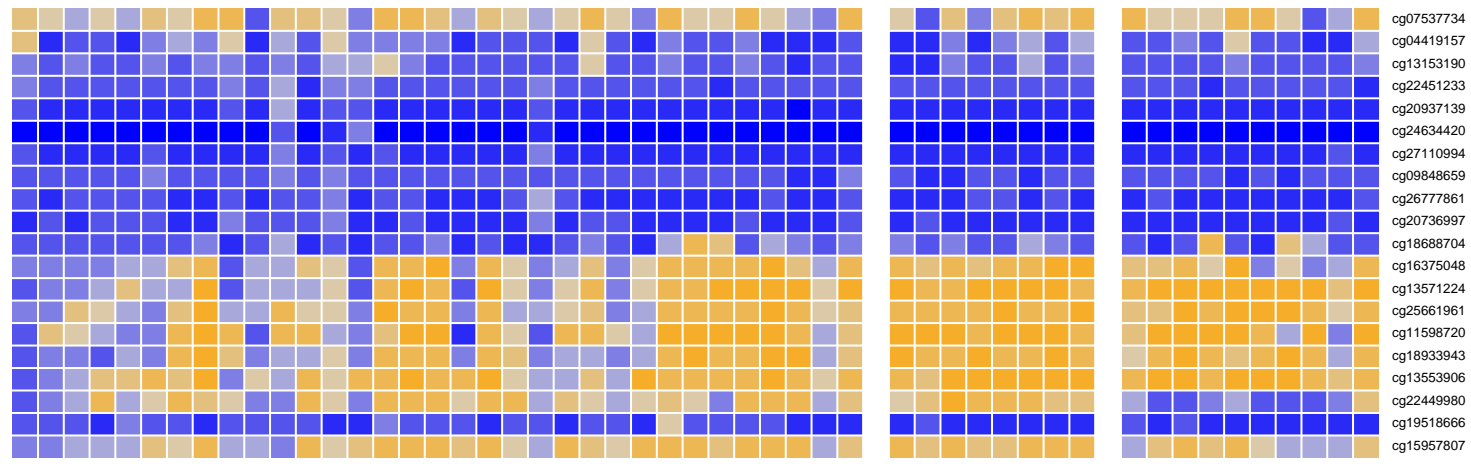
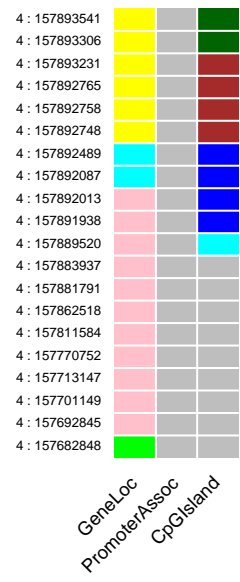
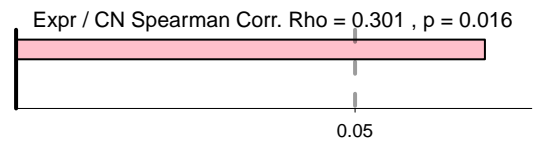
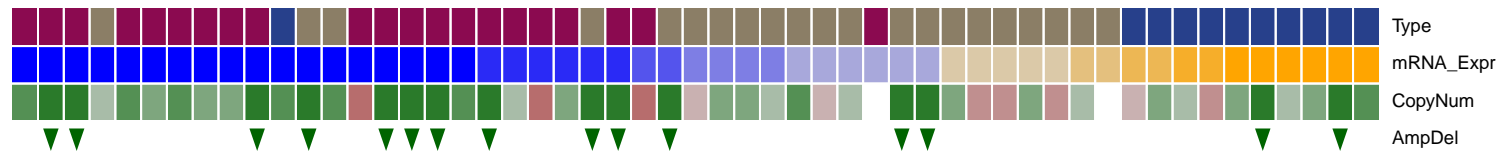
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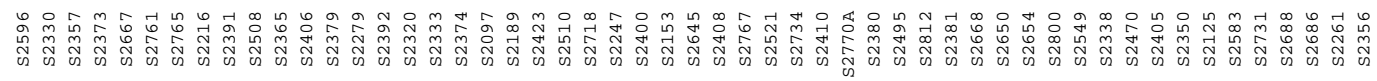
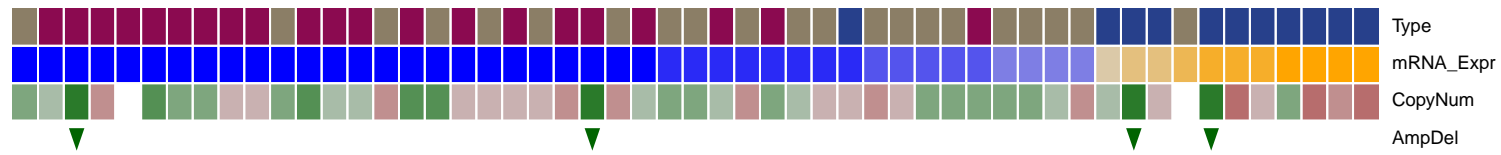
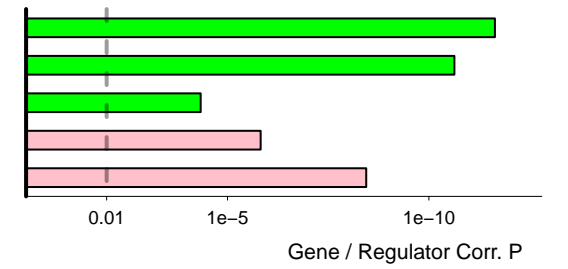
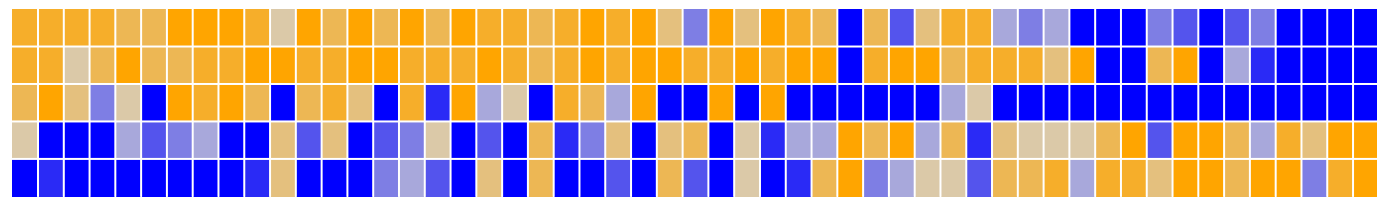
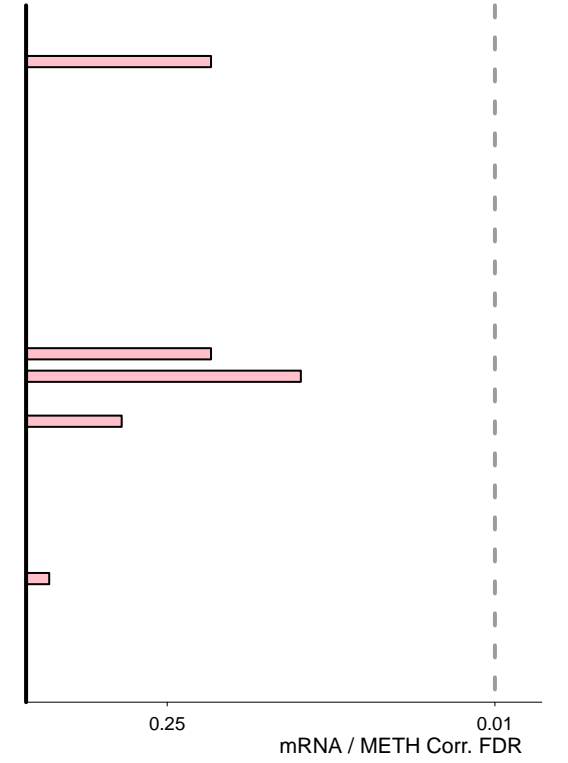
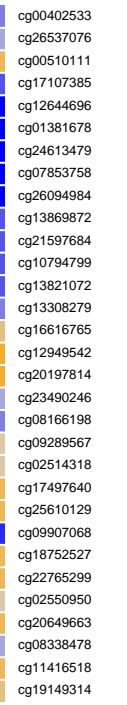
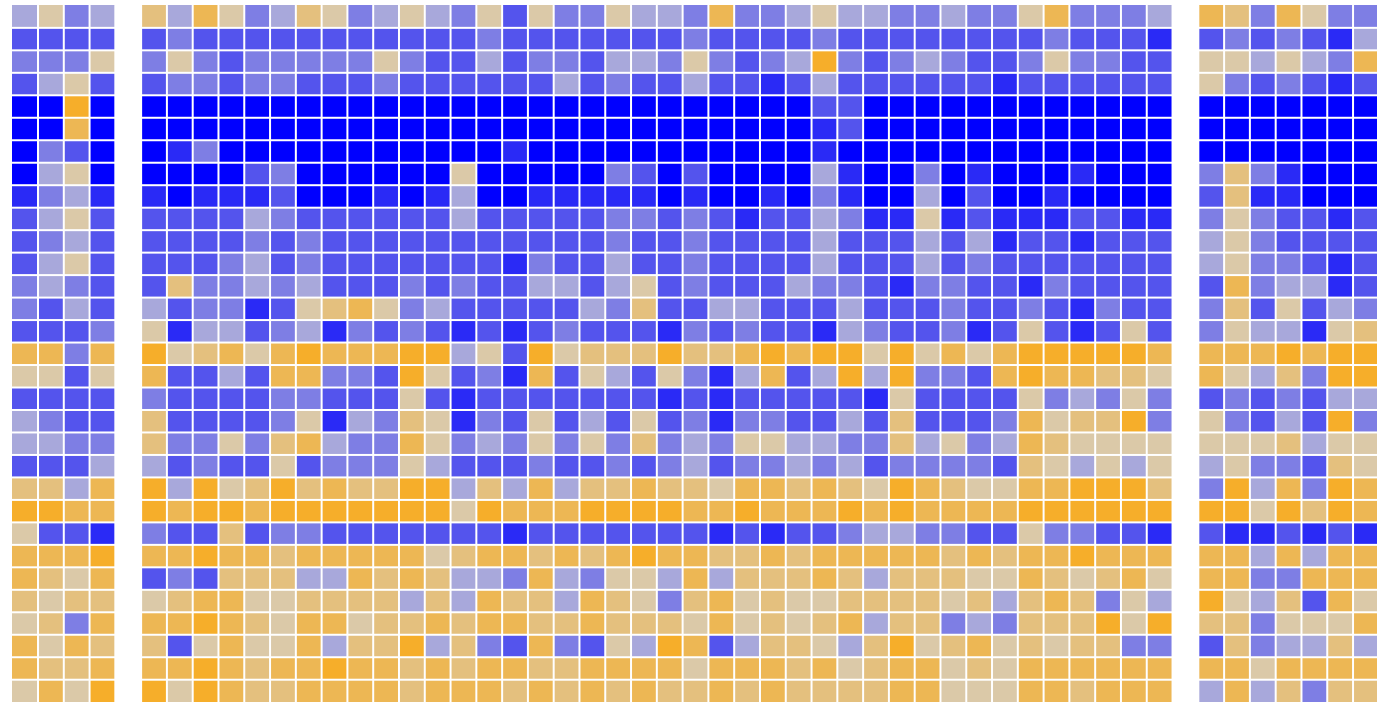
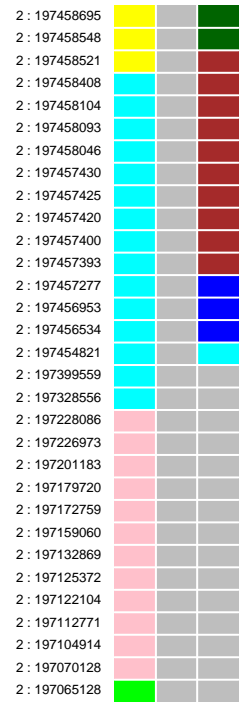
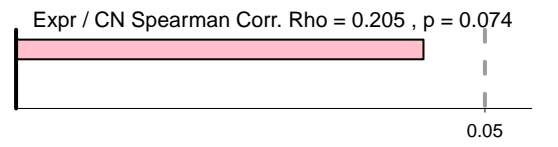
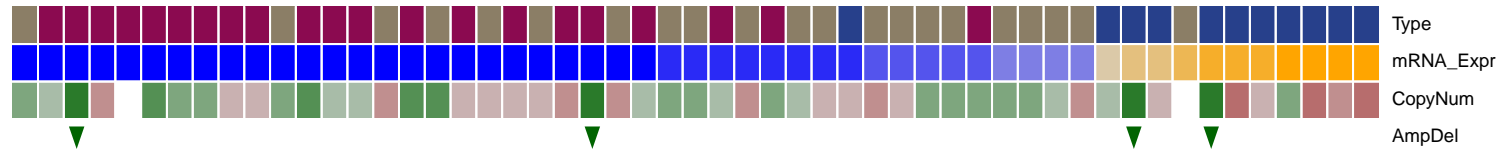
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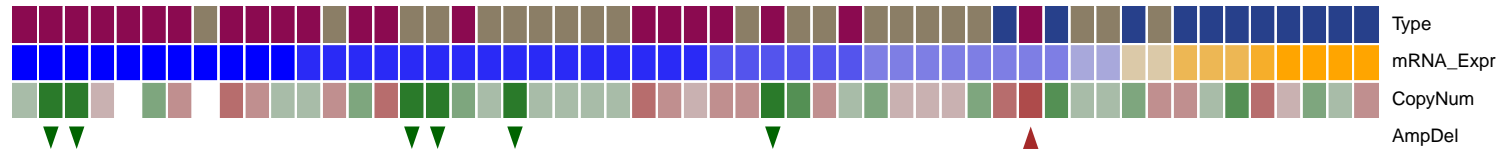
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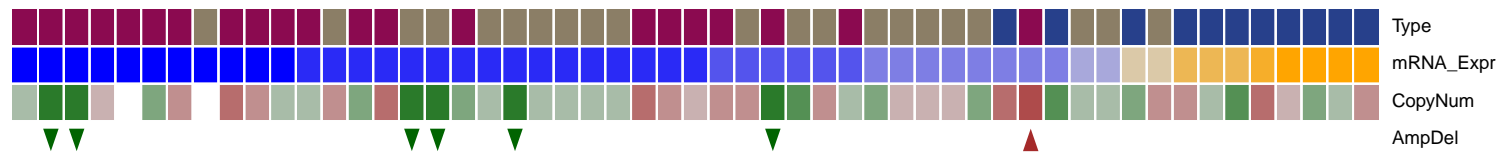
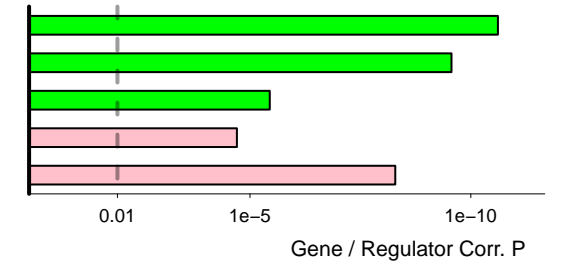
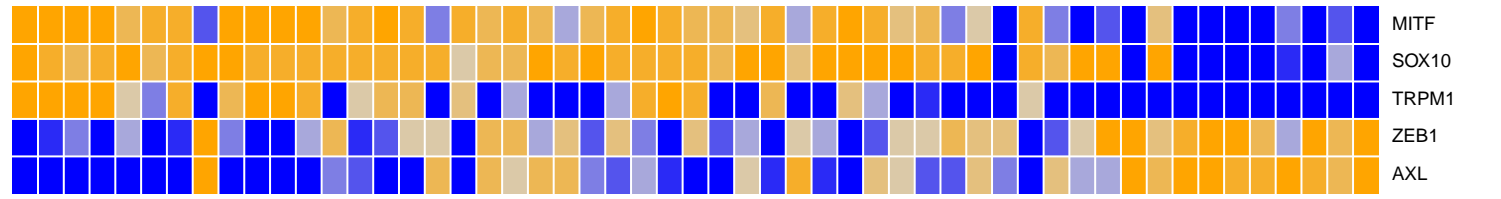
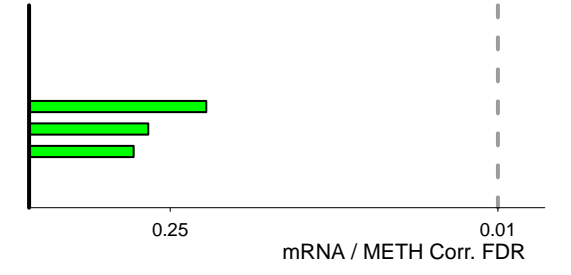
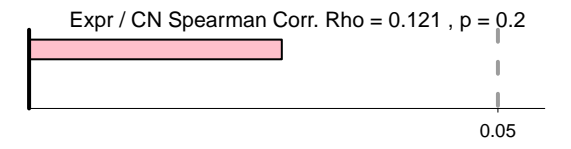
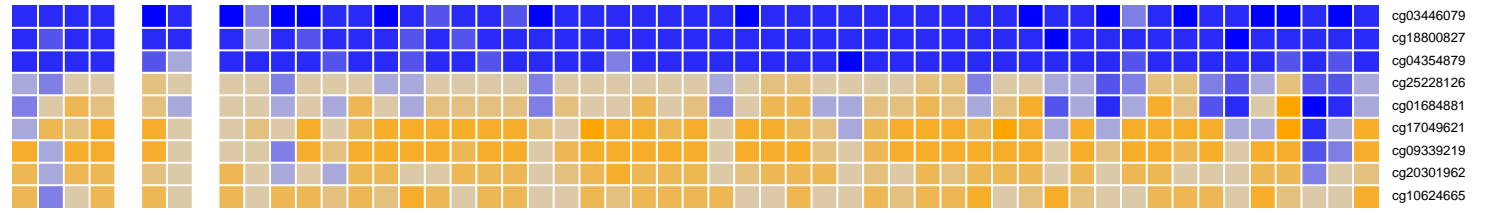


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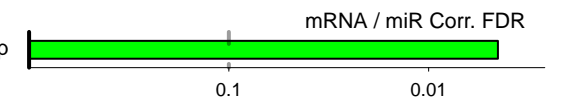
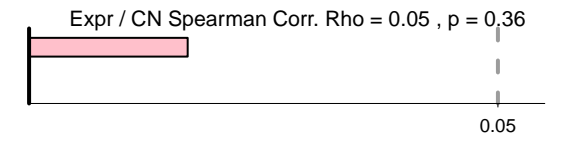
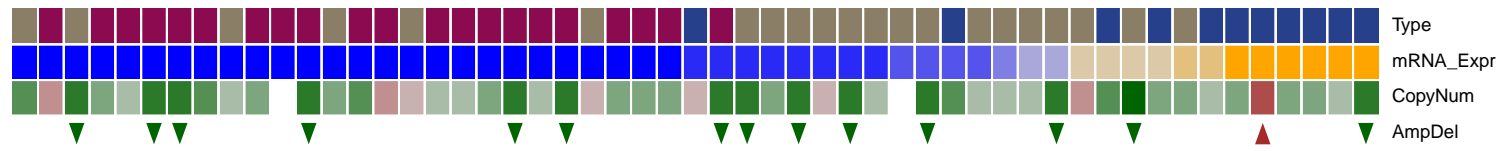
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GeneLoc  
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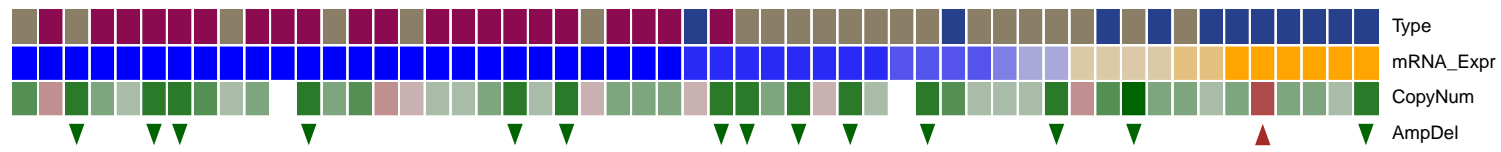
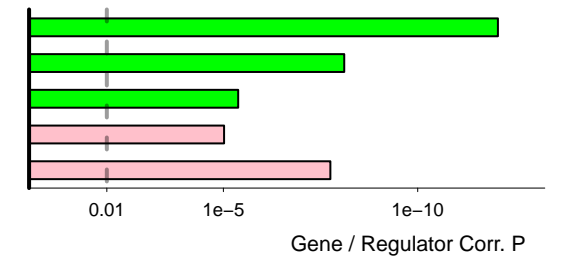
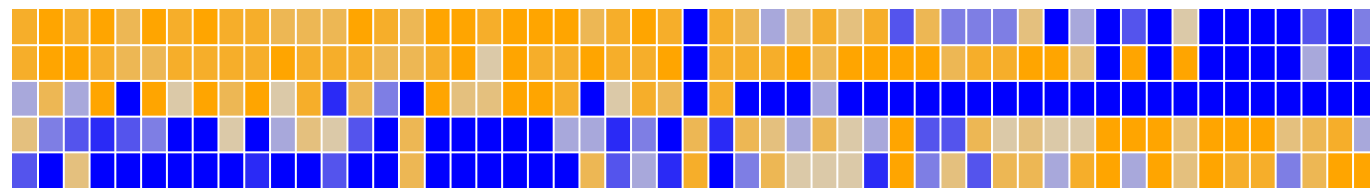
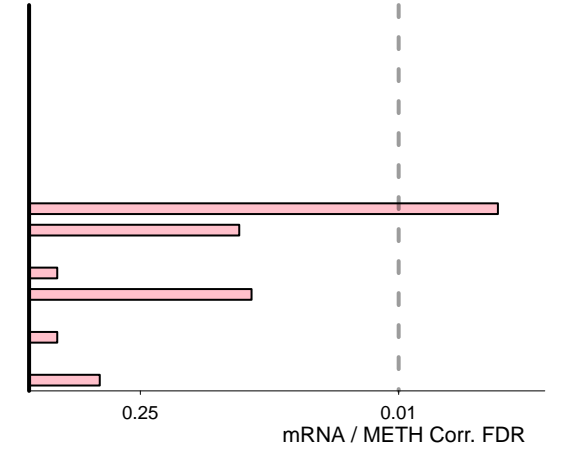
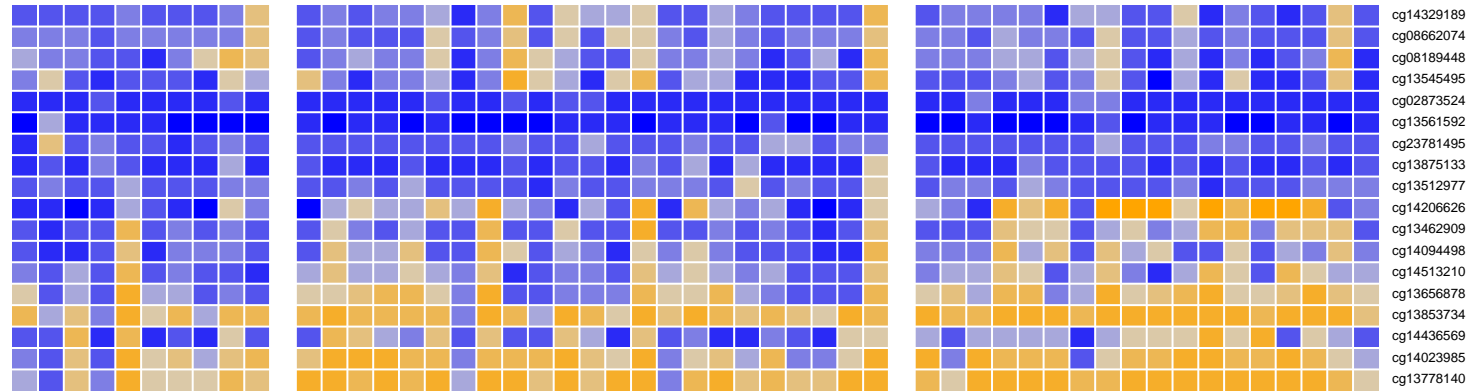
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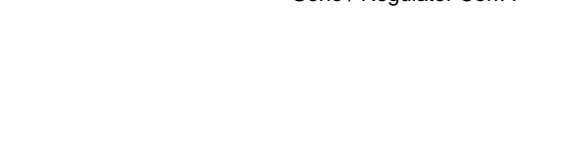


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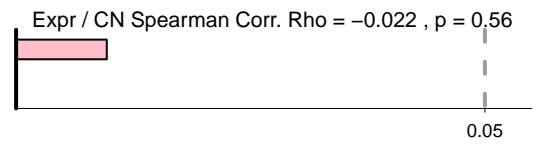
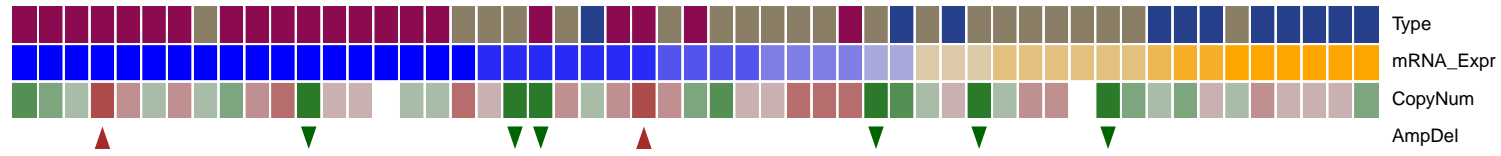
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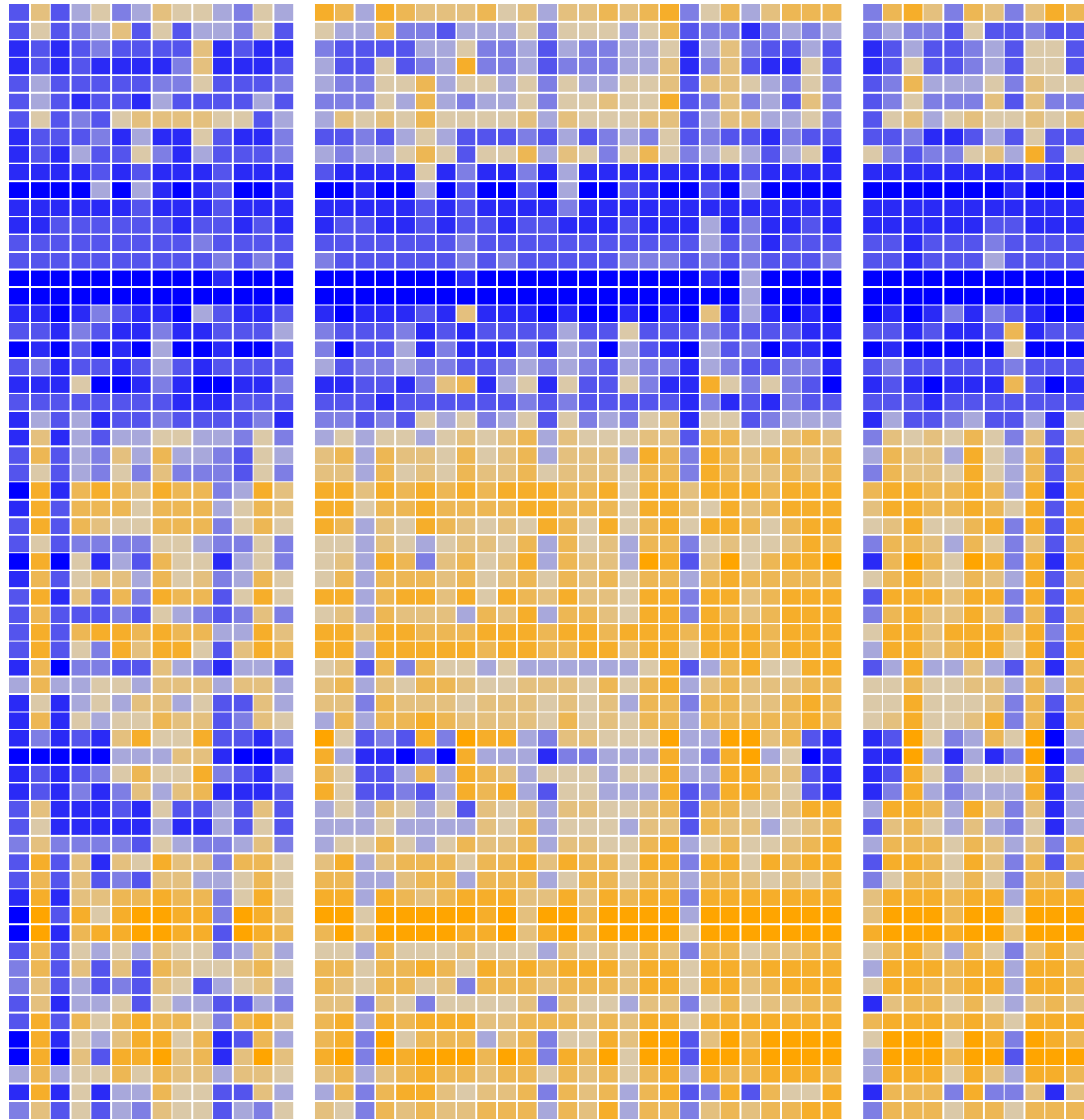


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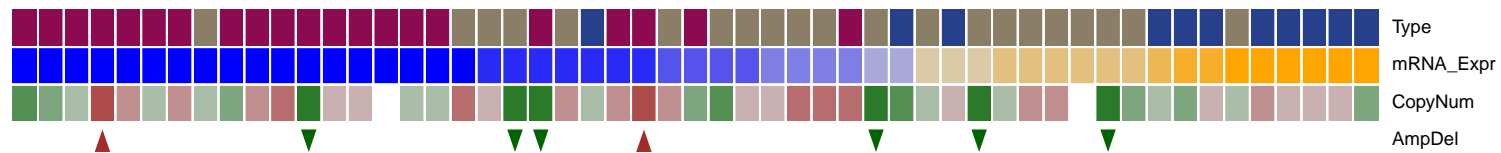
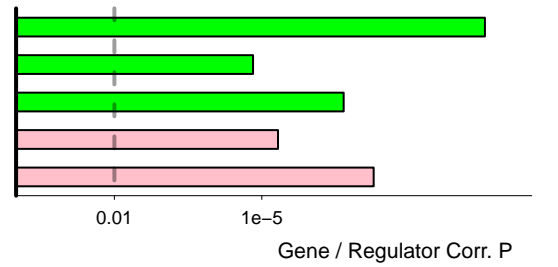
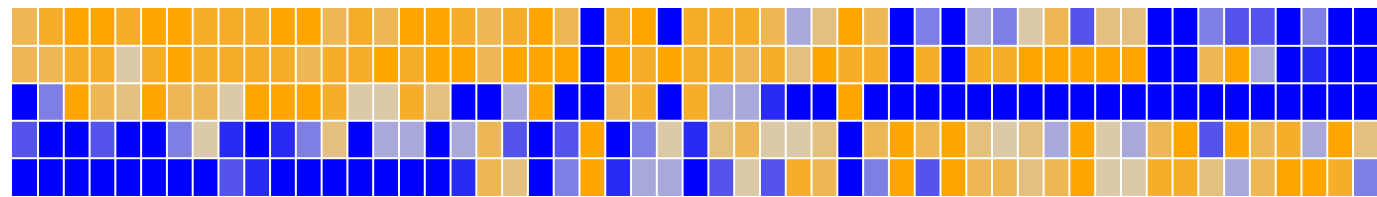
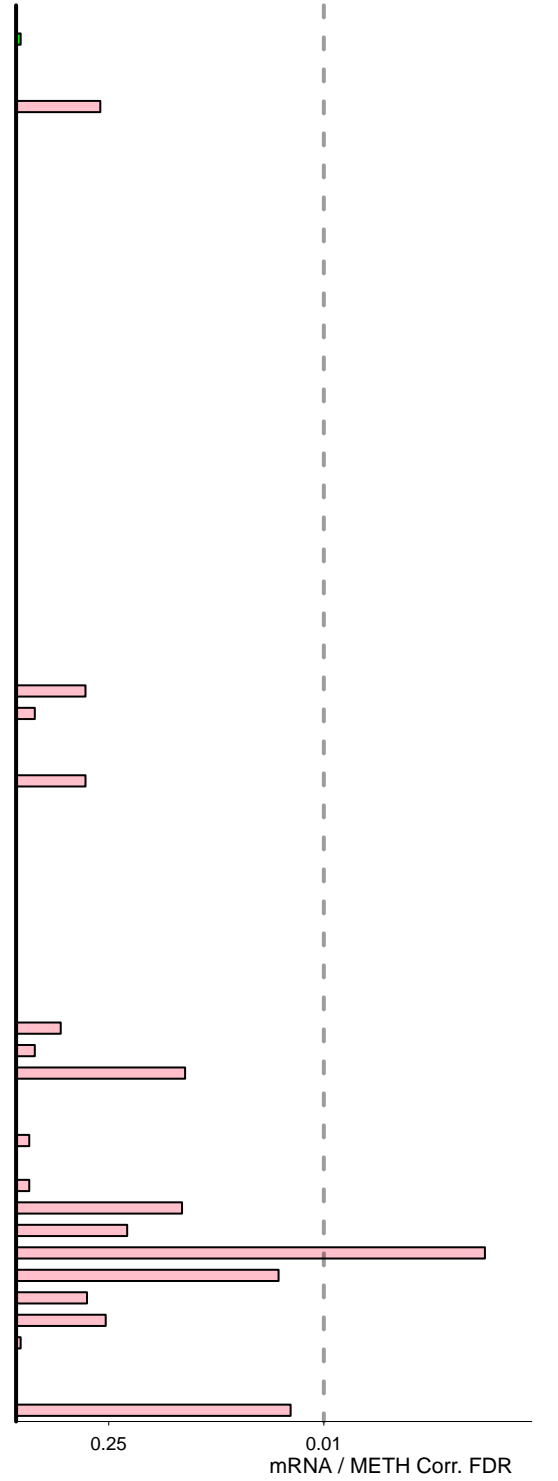


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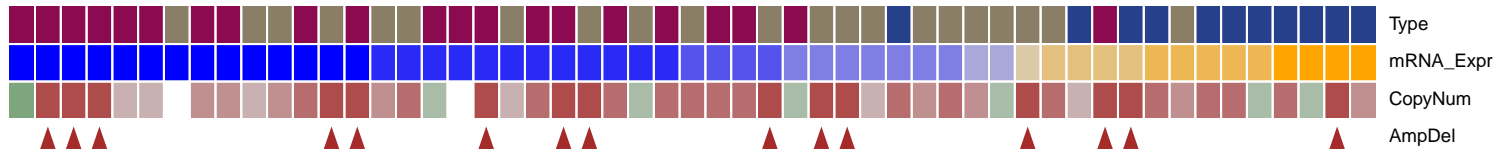
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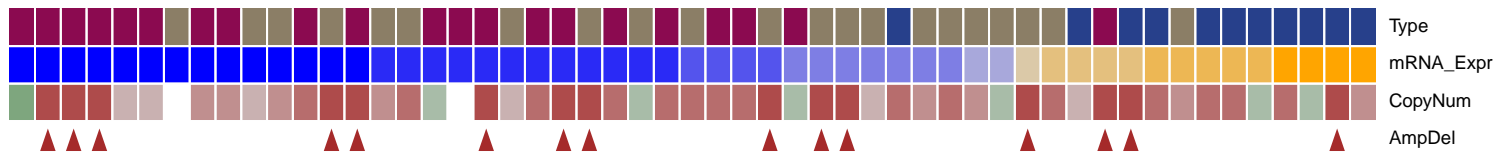
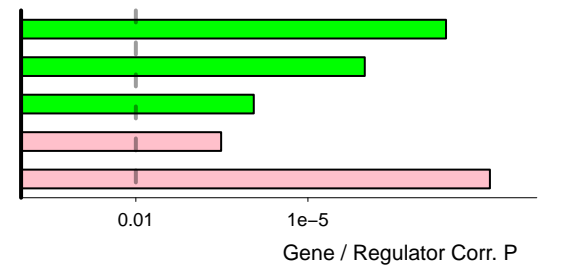
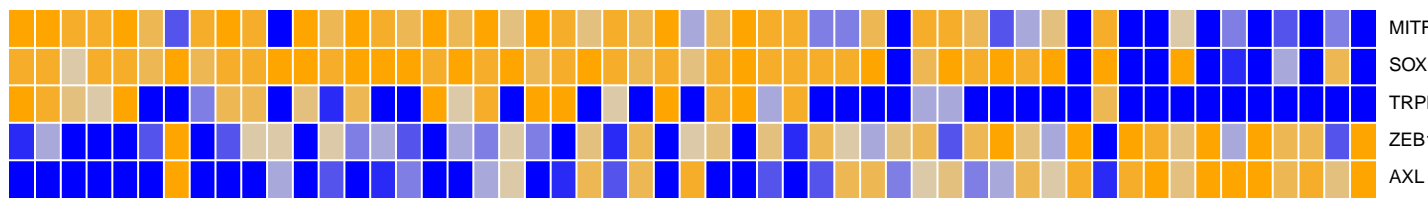
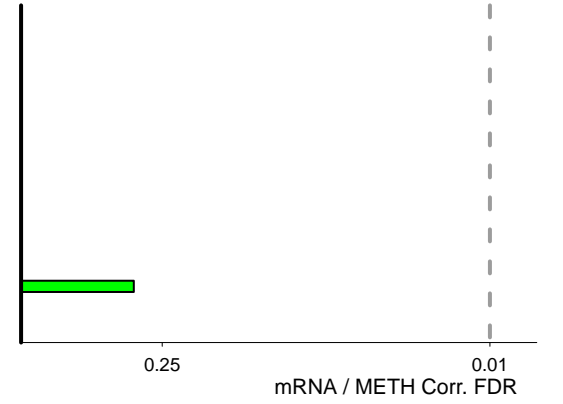
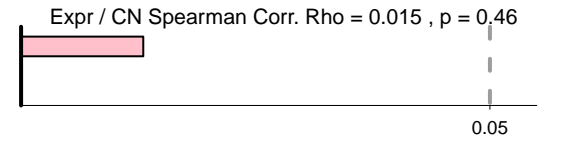
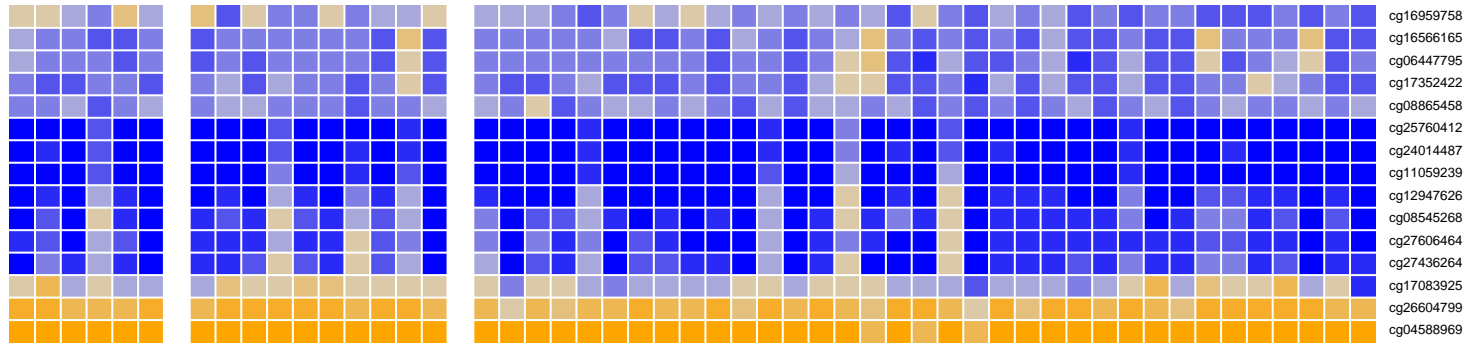
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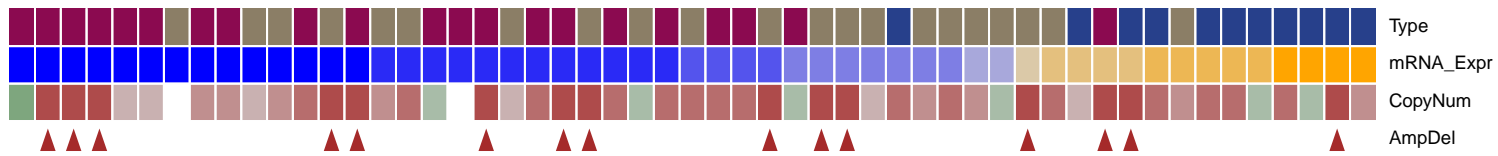


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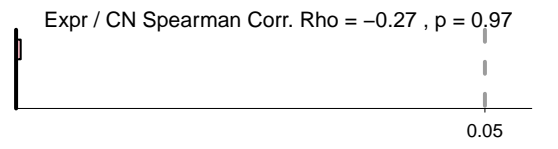
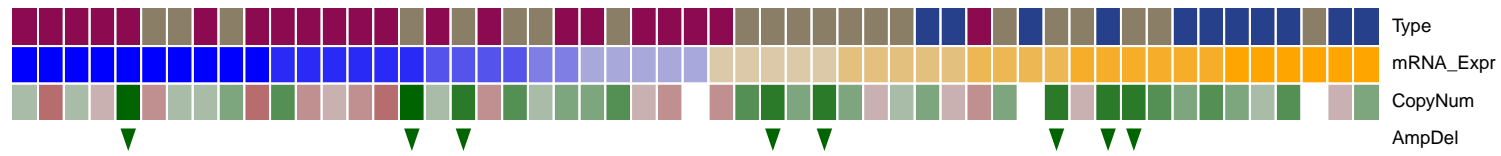


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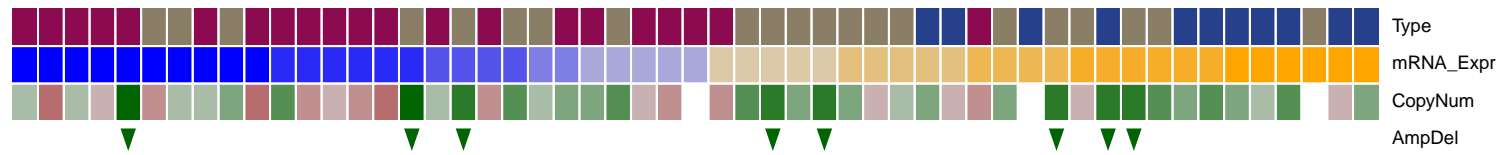
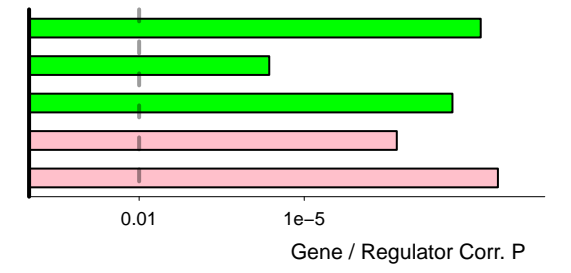
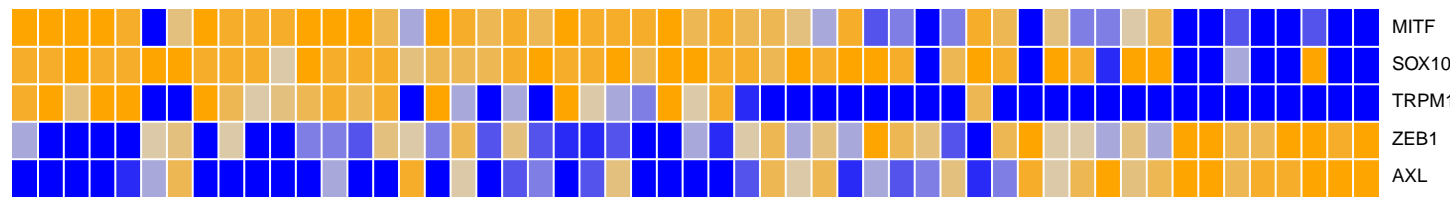
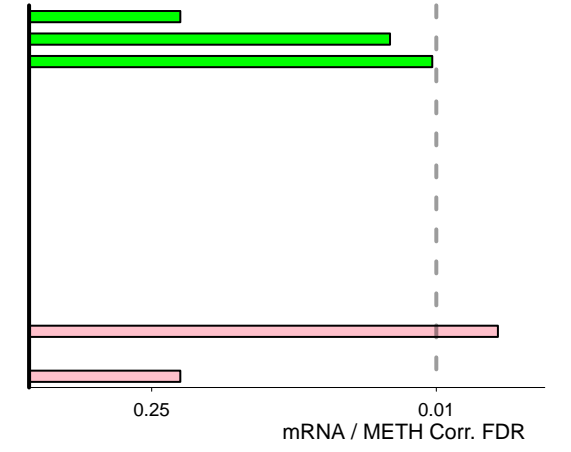
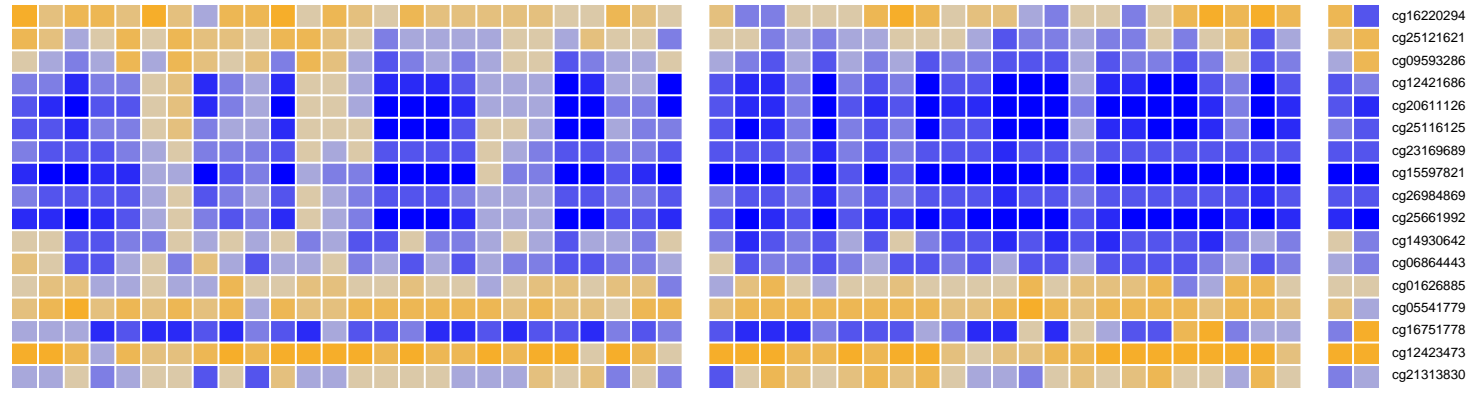


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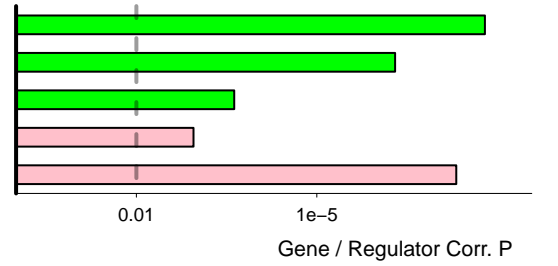
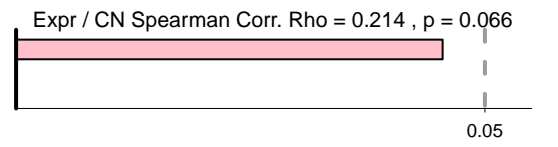
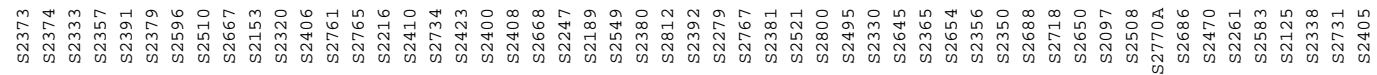
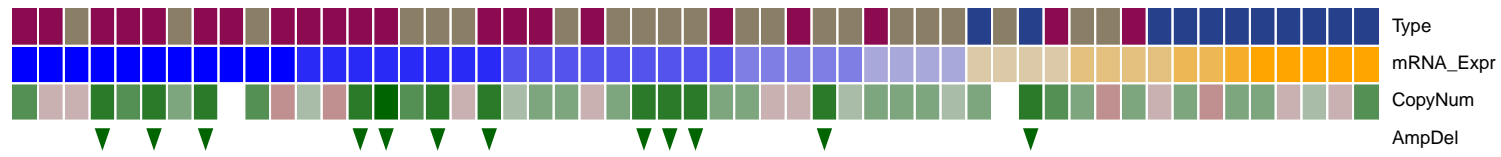
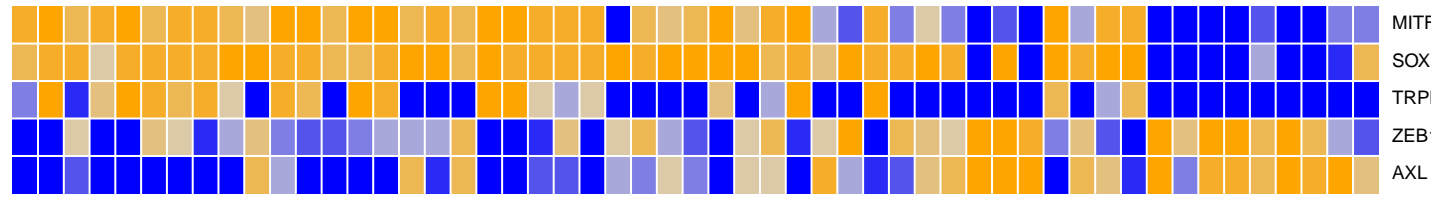
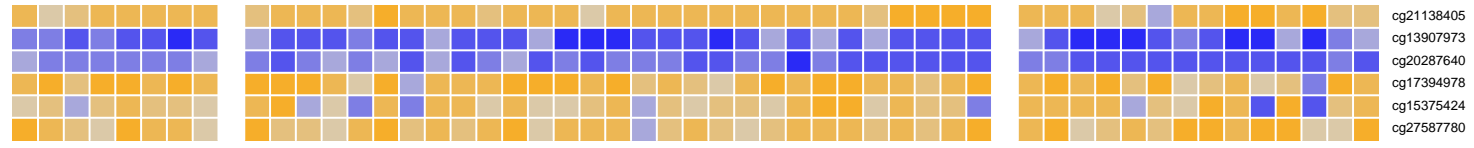
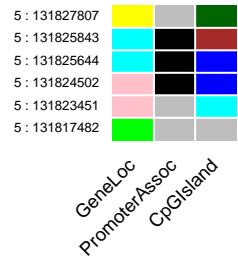
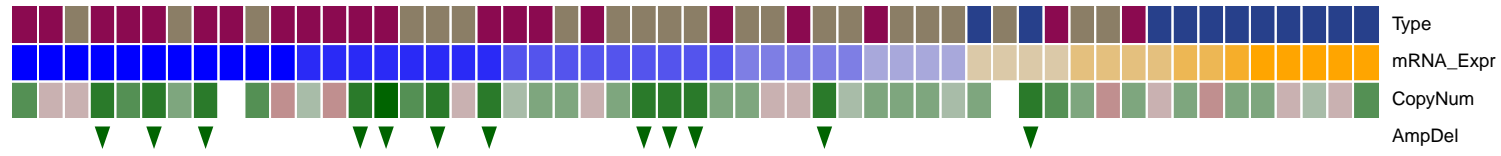
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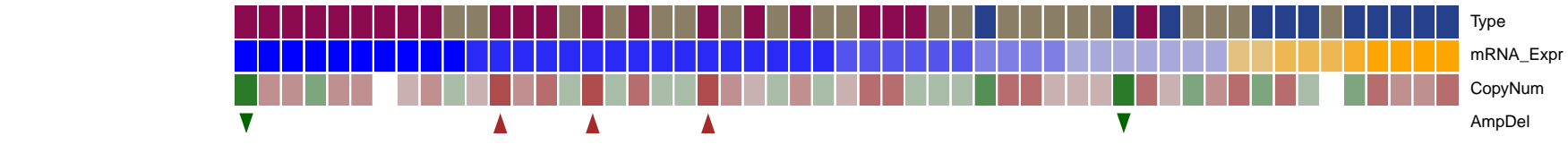


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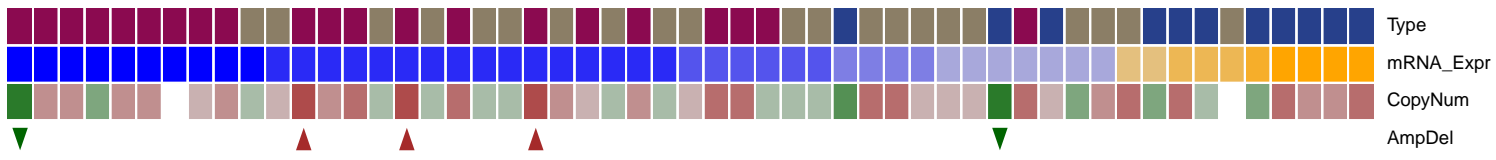
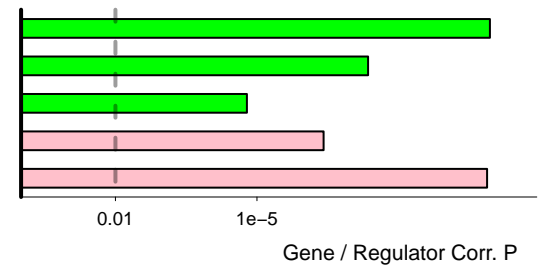
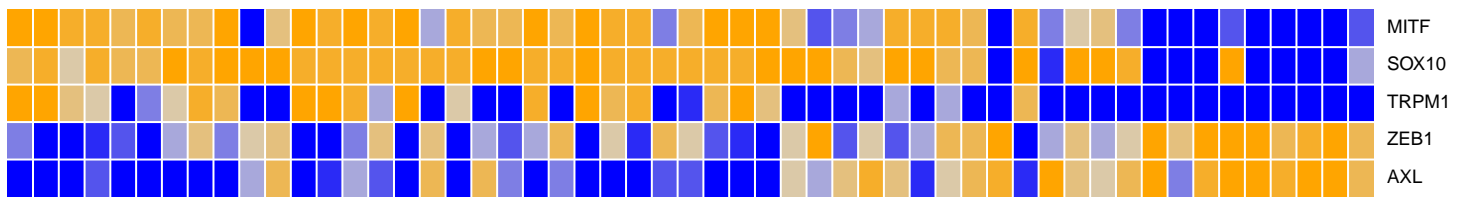
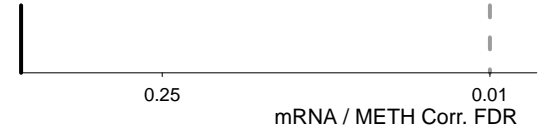
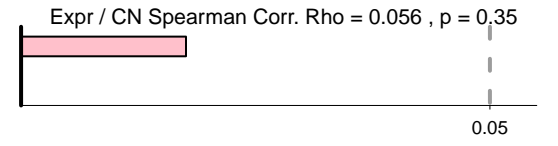


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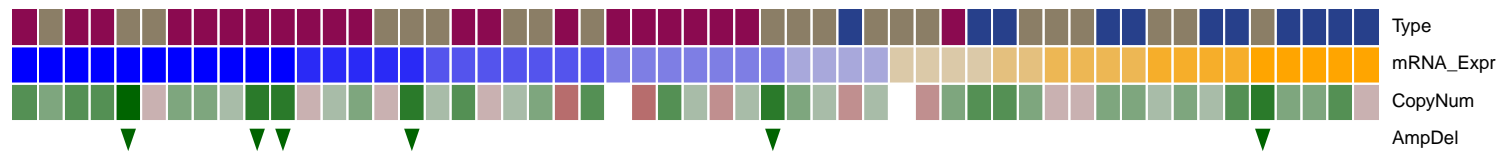
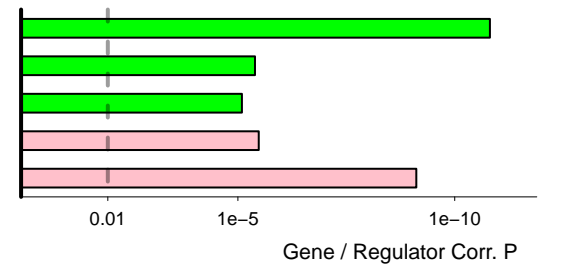
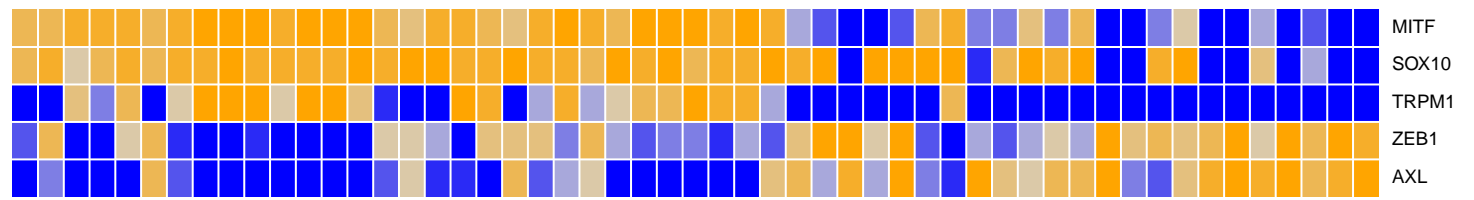
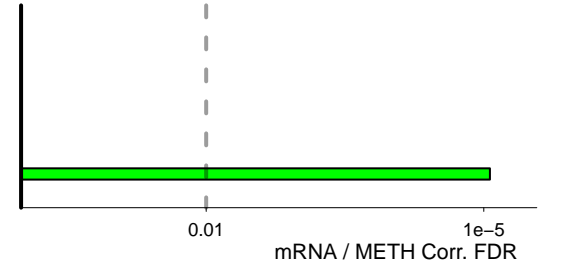
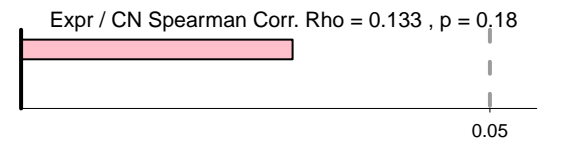
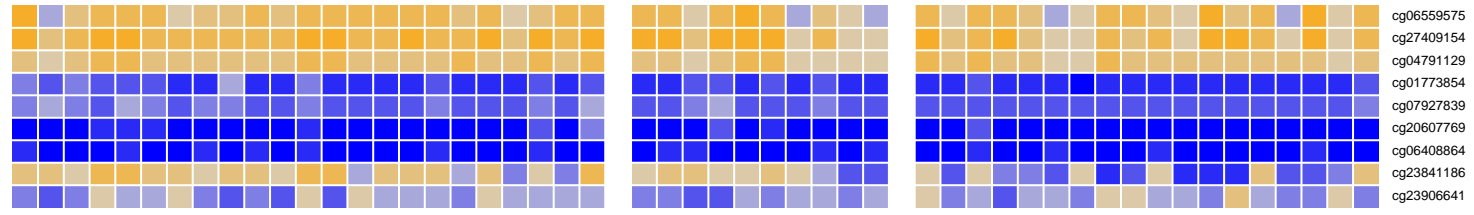
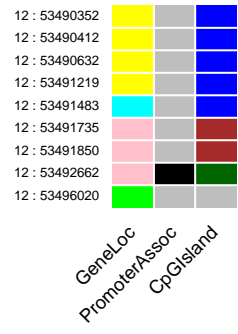
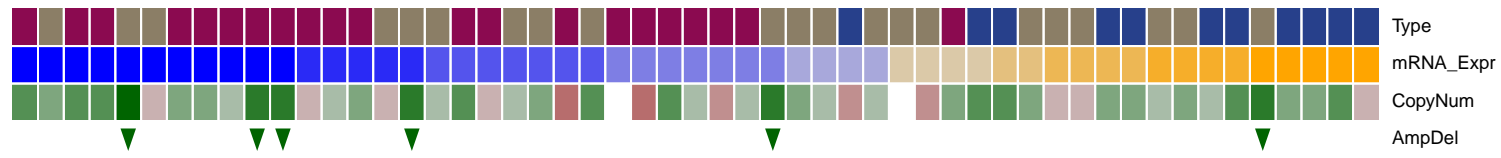
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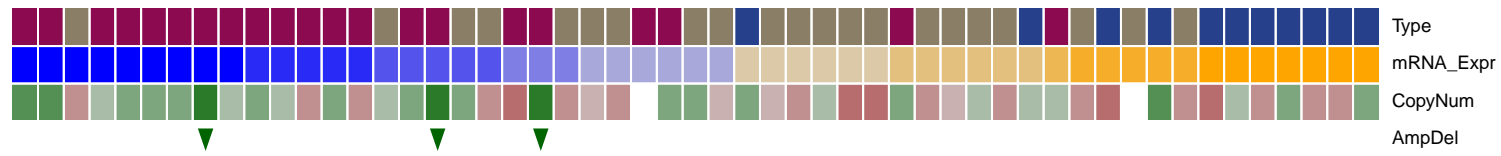
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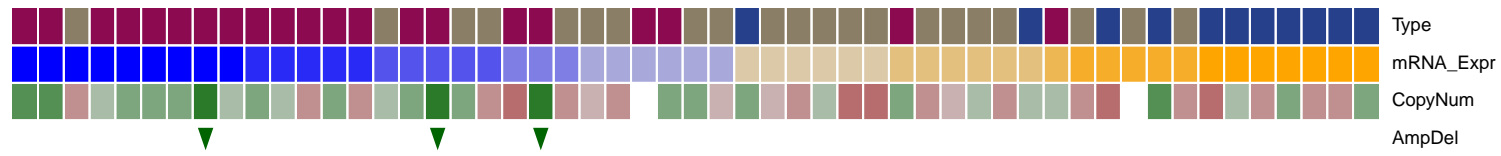
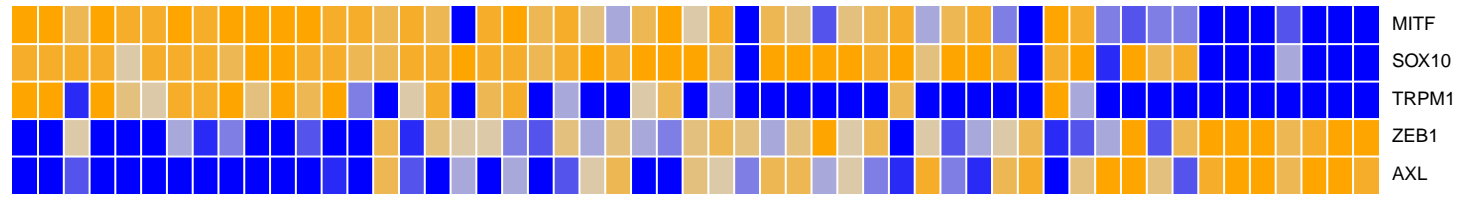
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# RRAS

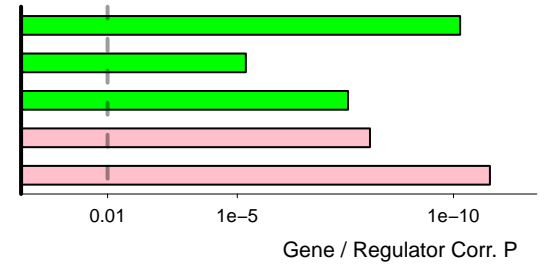
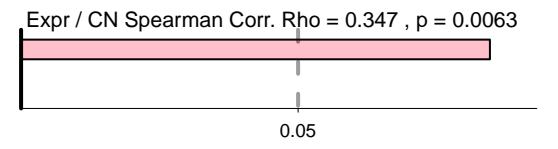


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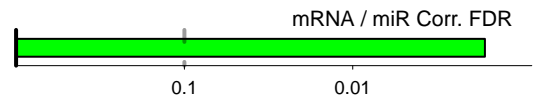
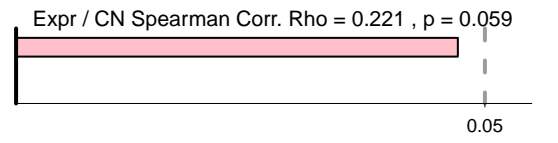
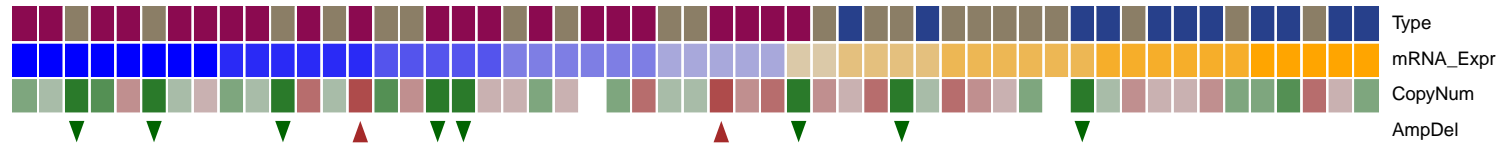
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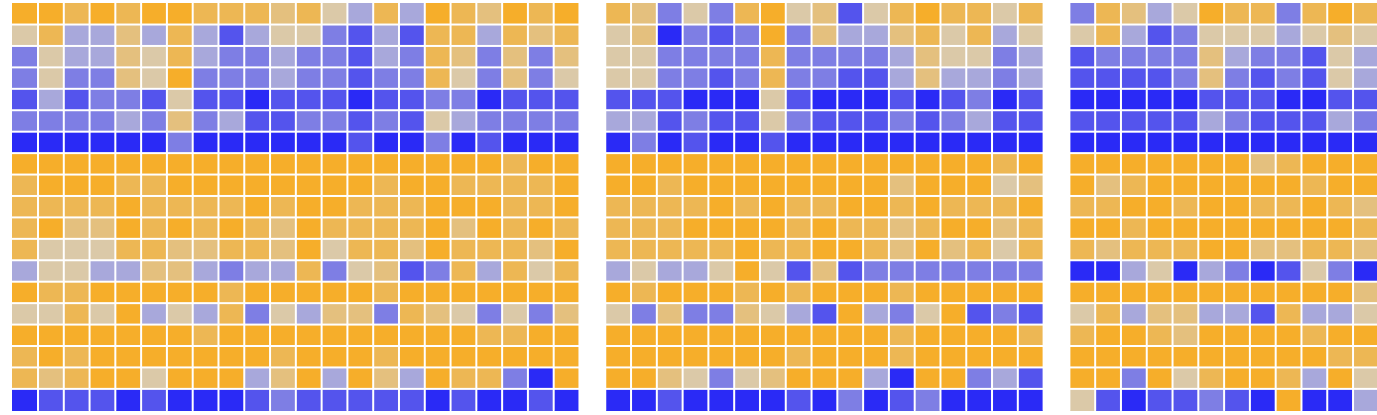


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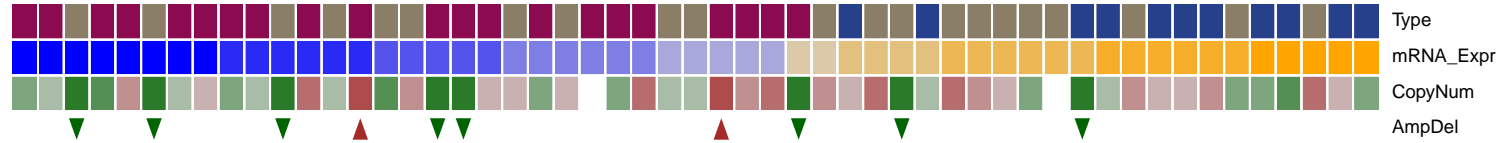
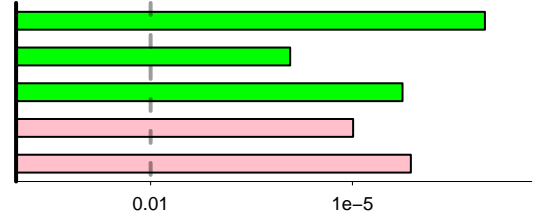
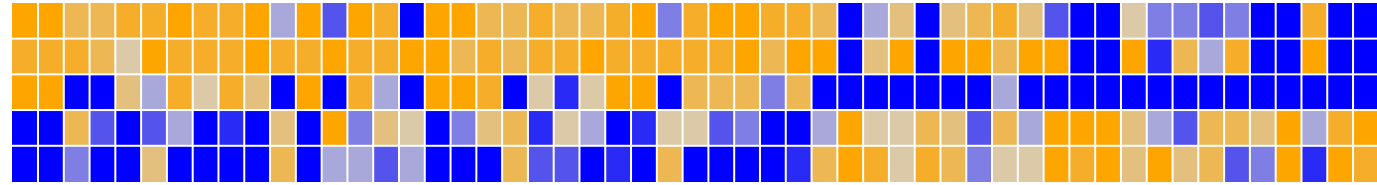
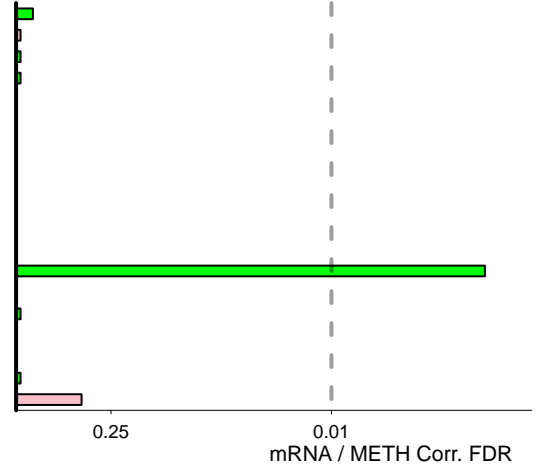


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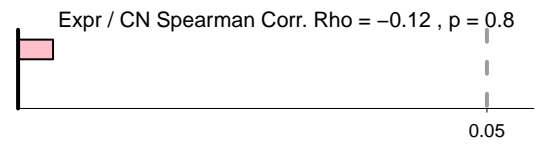
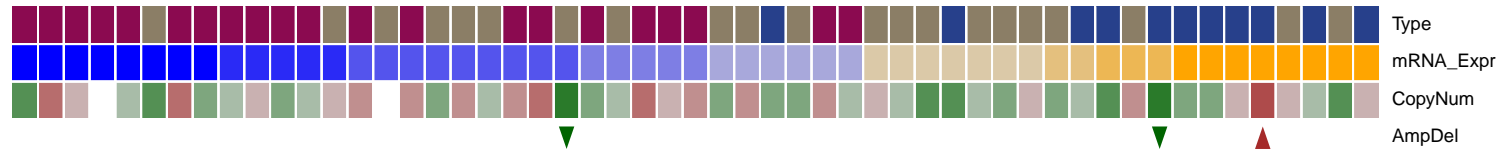


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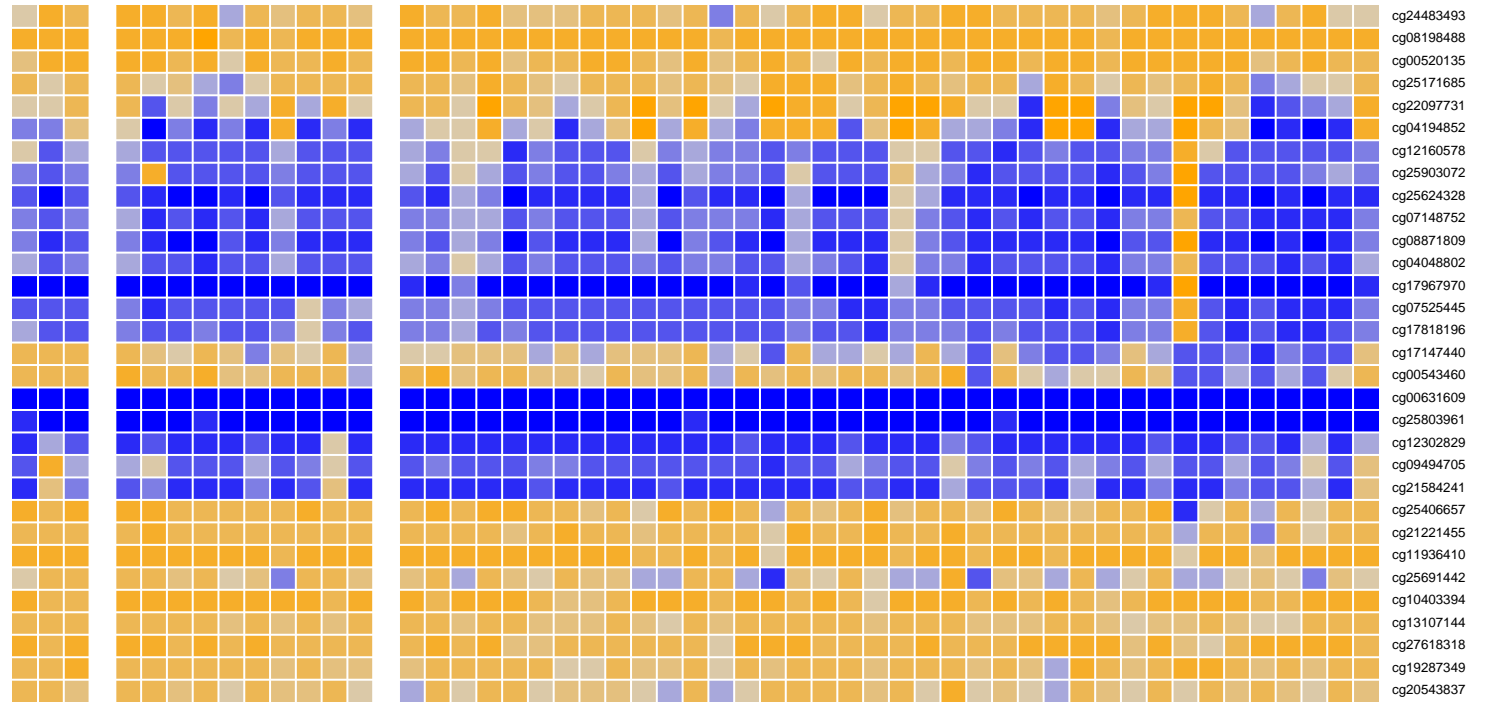
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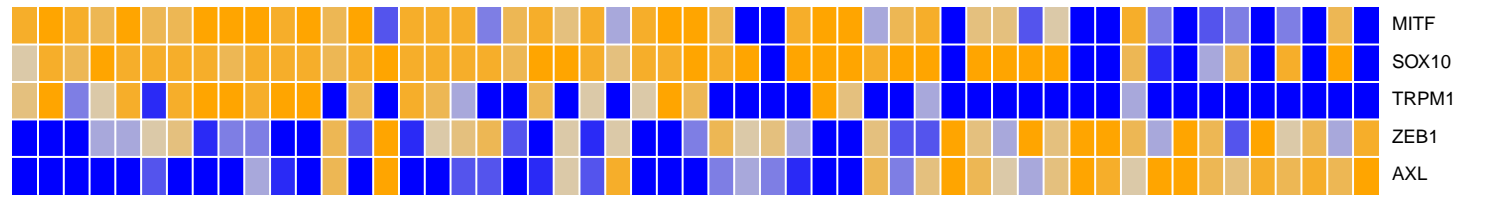
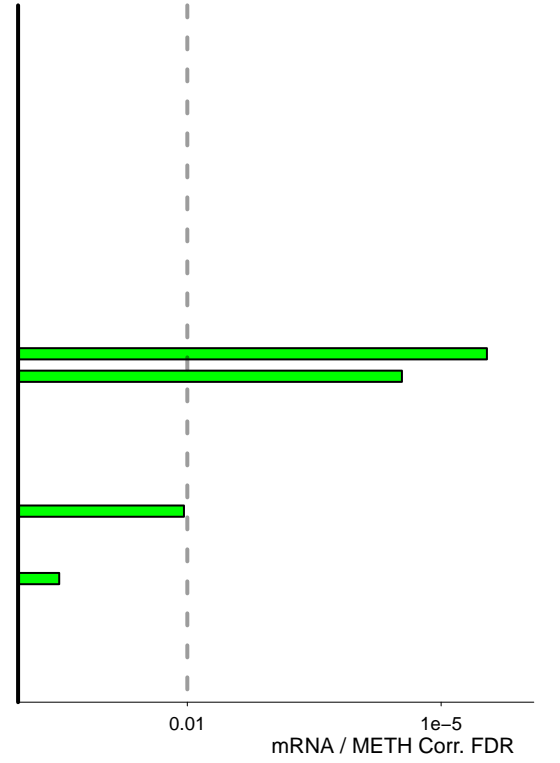


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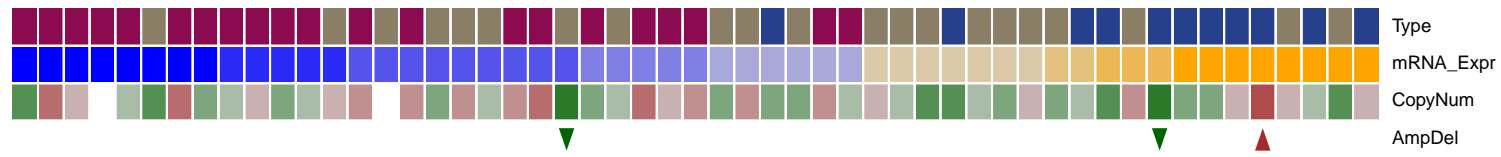
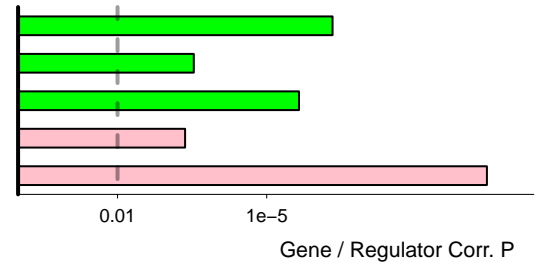
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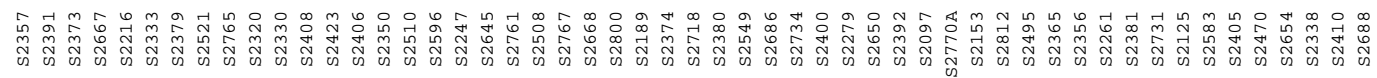
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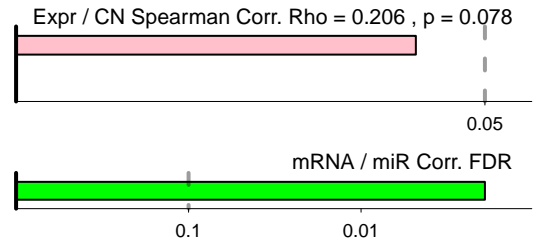
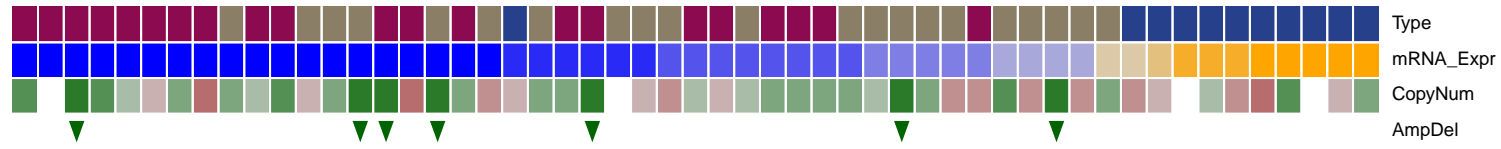
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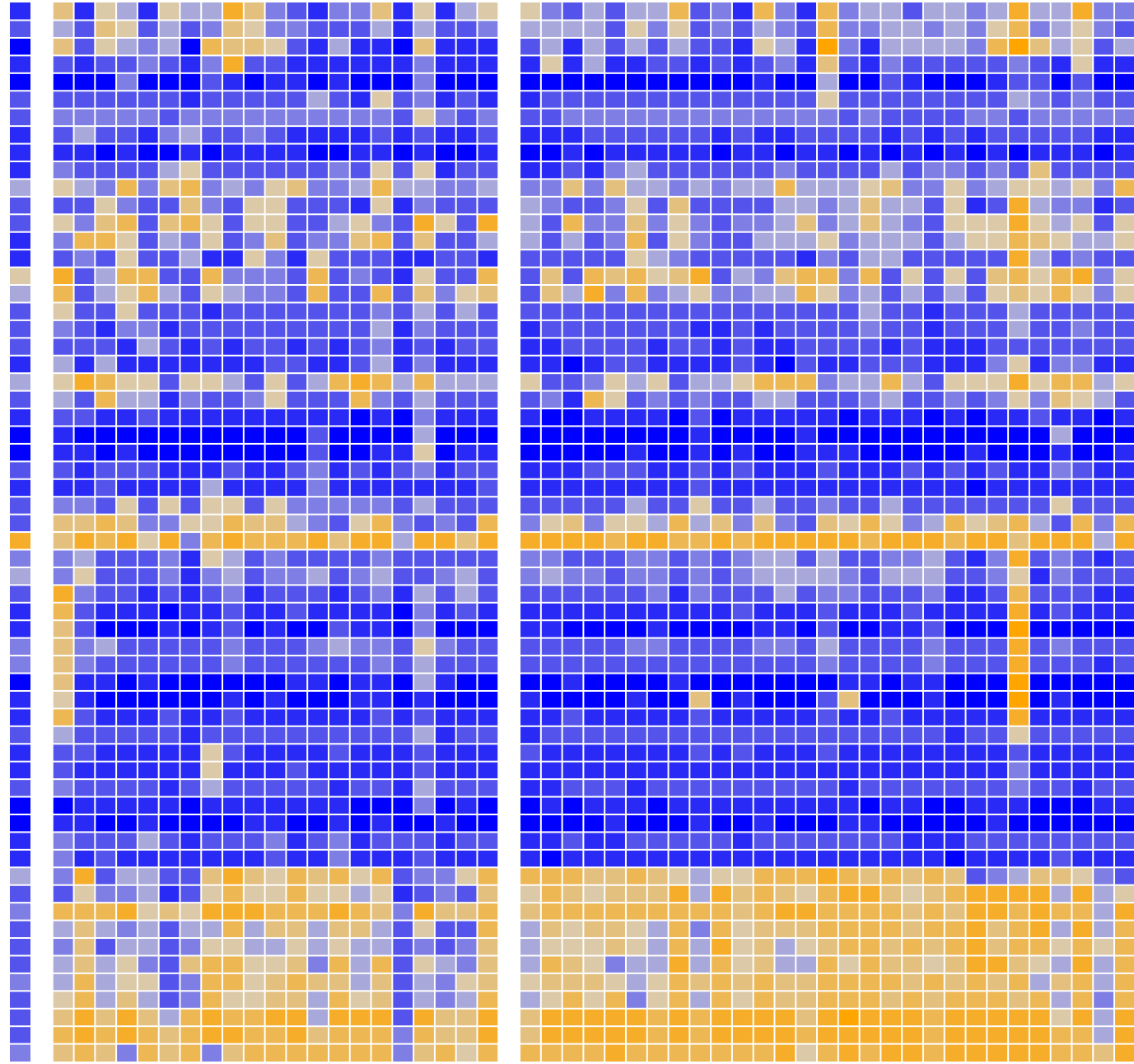


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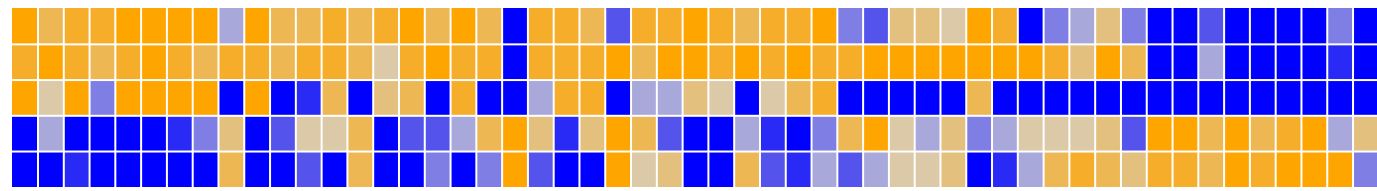
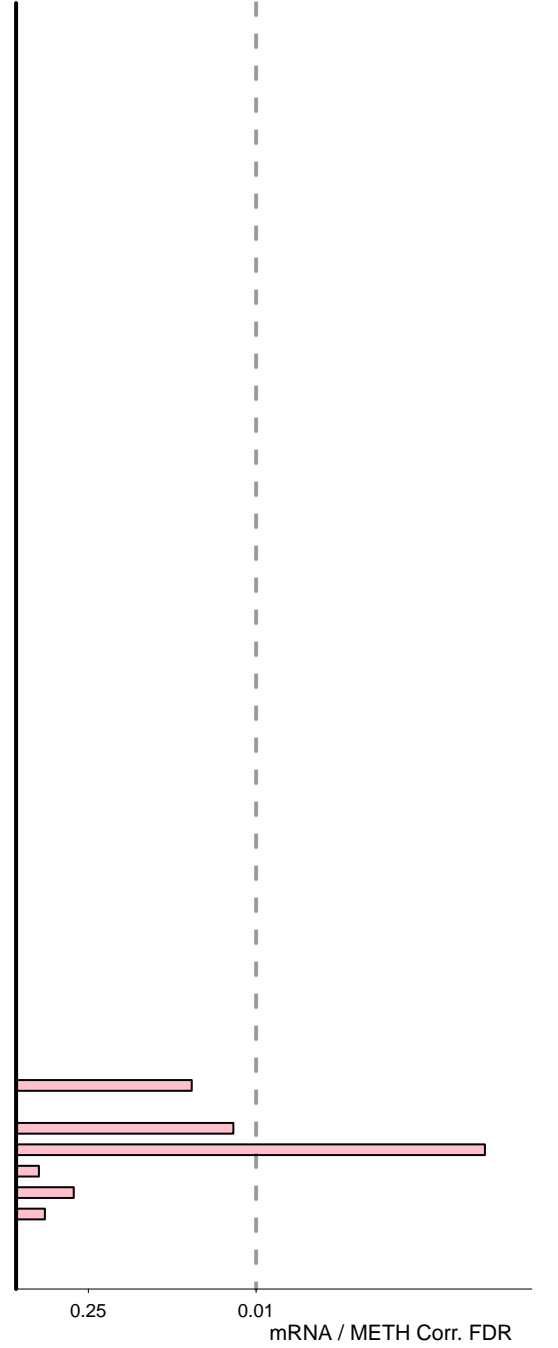


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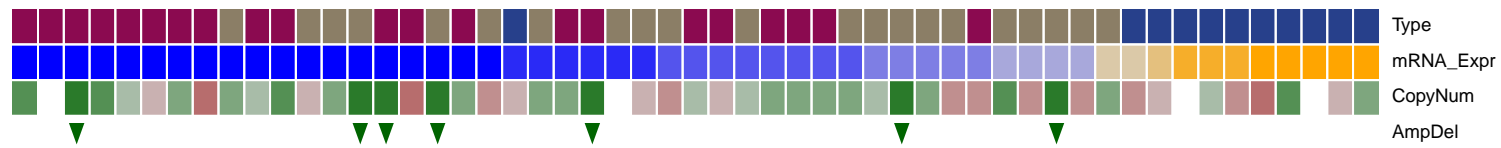
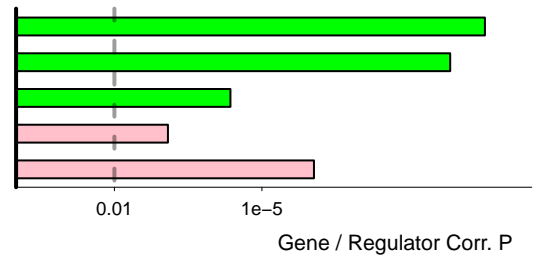
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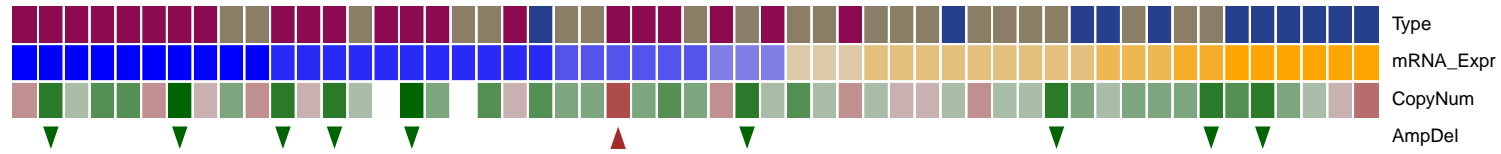
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# GBP1

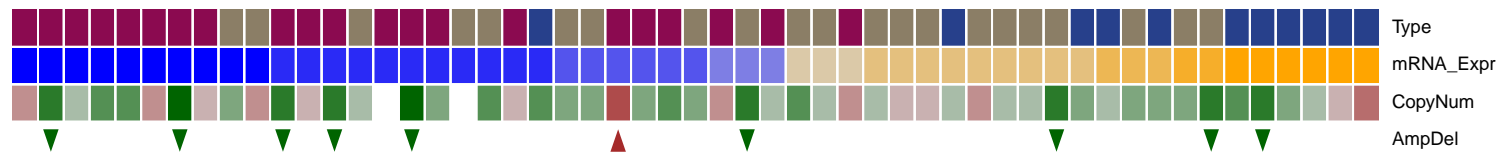
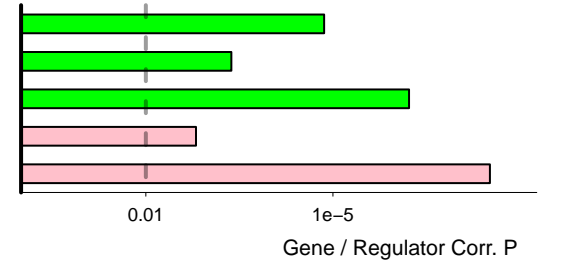
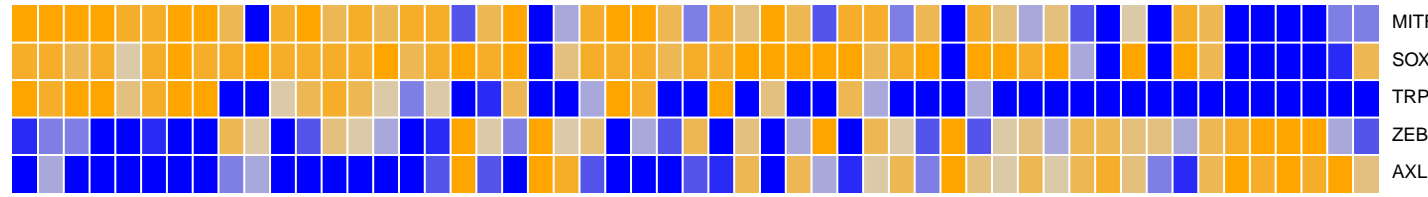
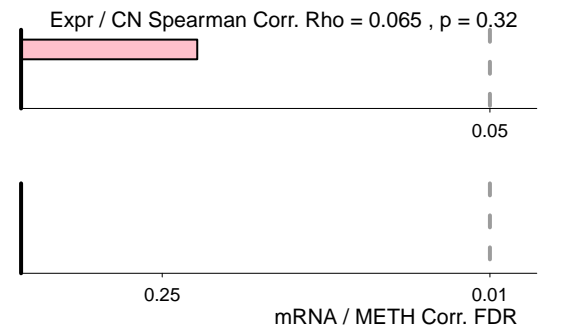


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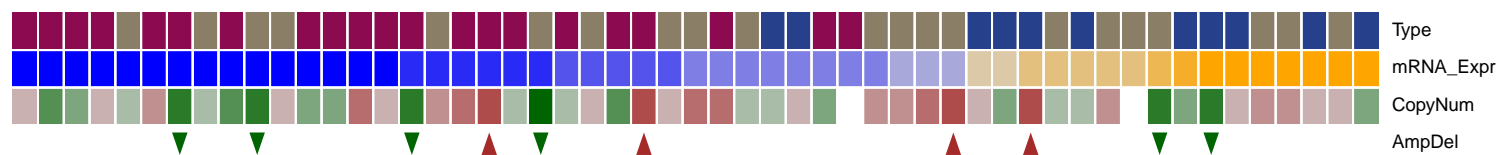


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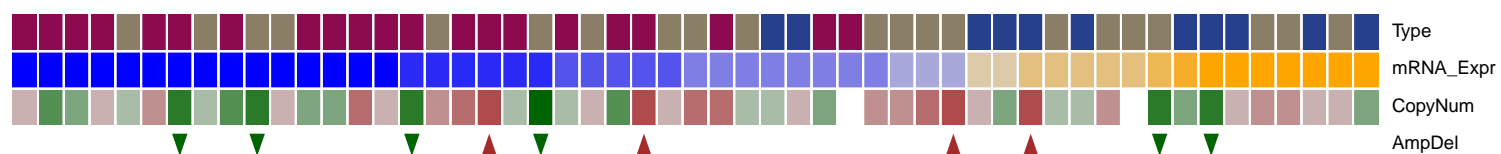
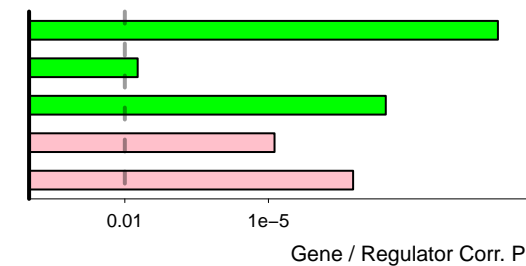
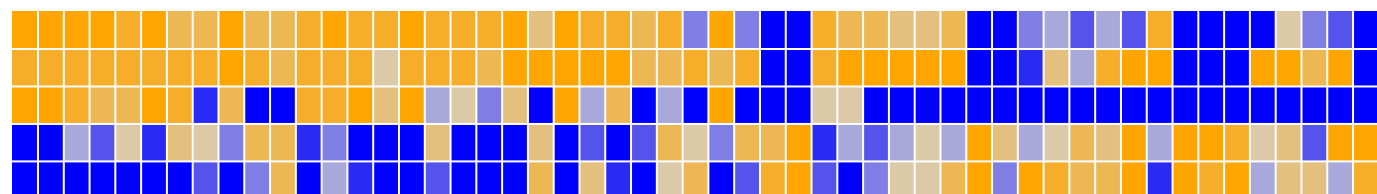
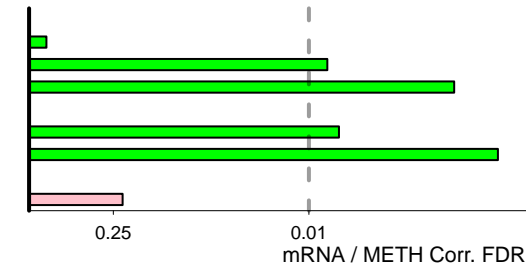
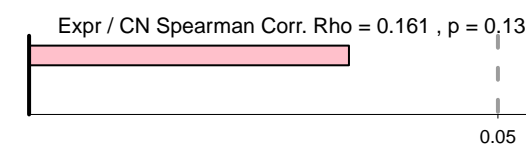
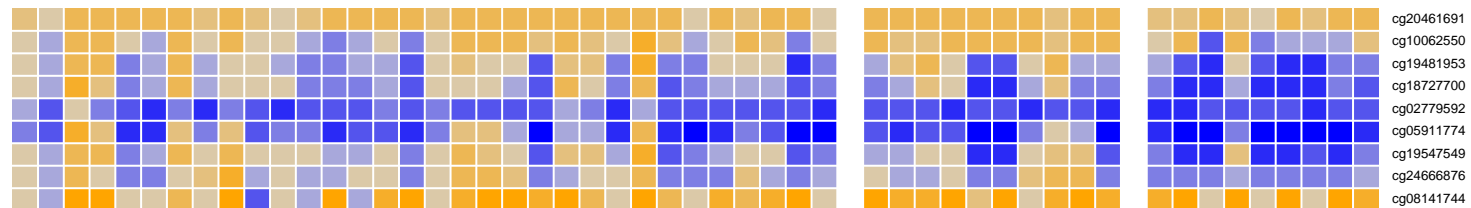
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# SRPX2



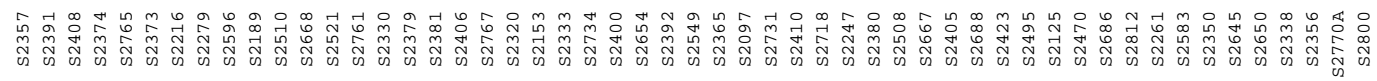
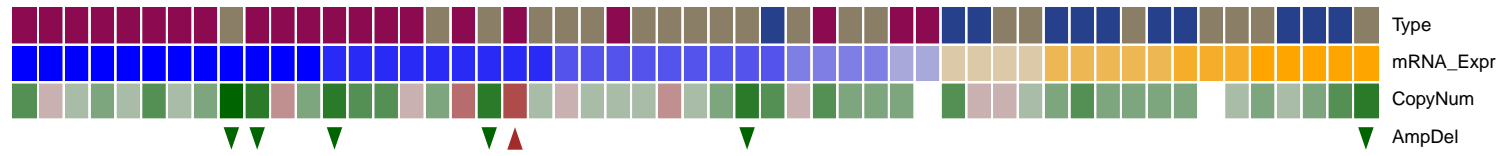
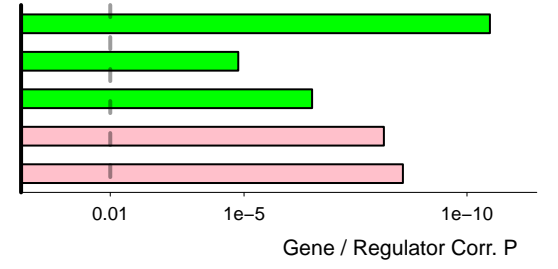
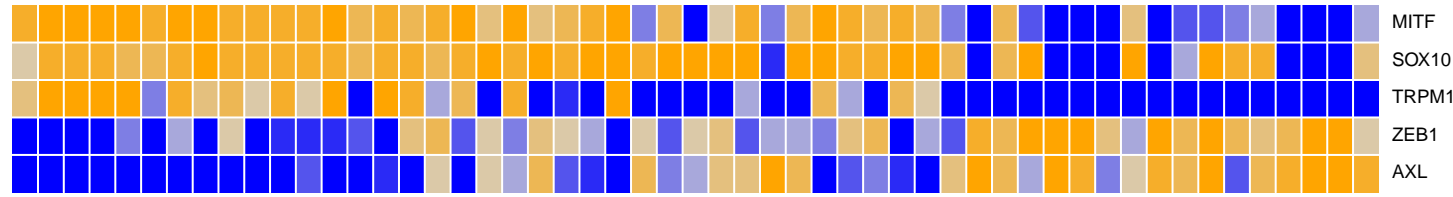
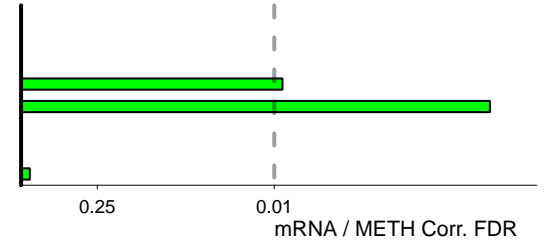
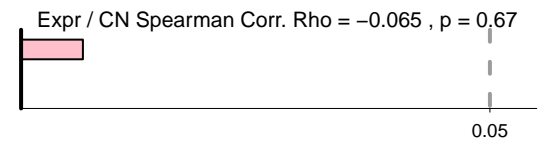
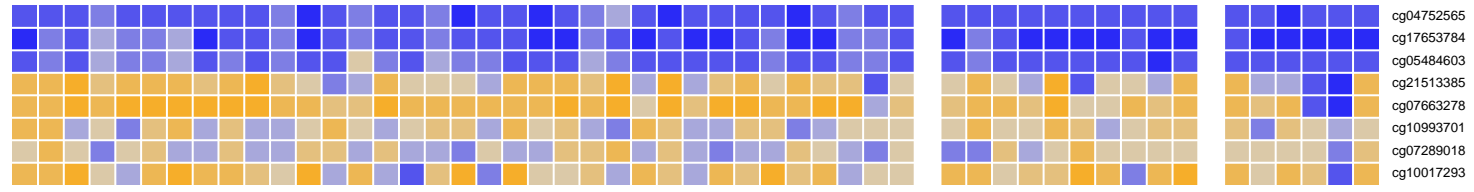
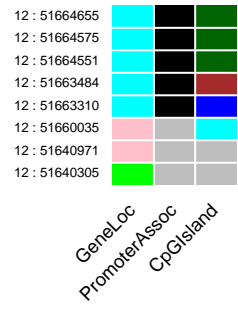
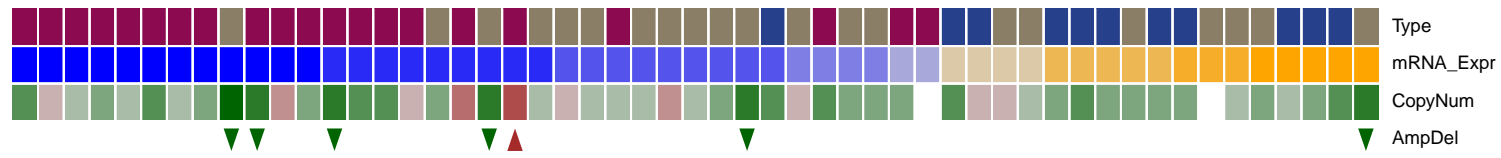
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 CpIsland

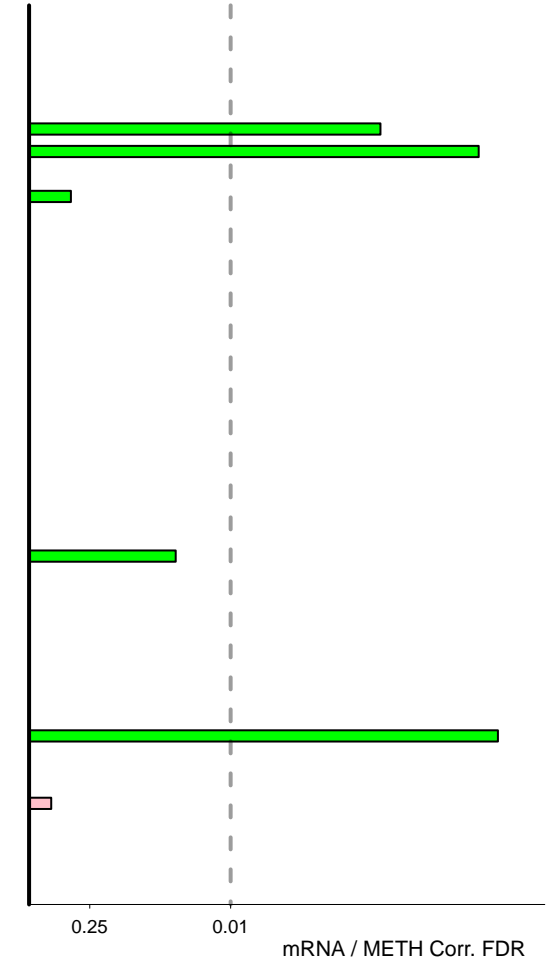
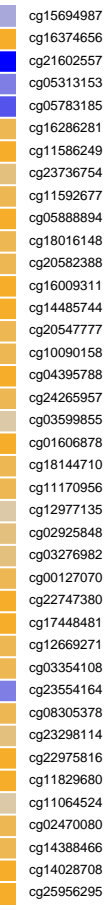
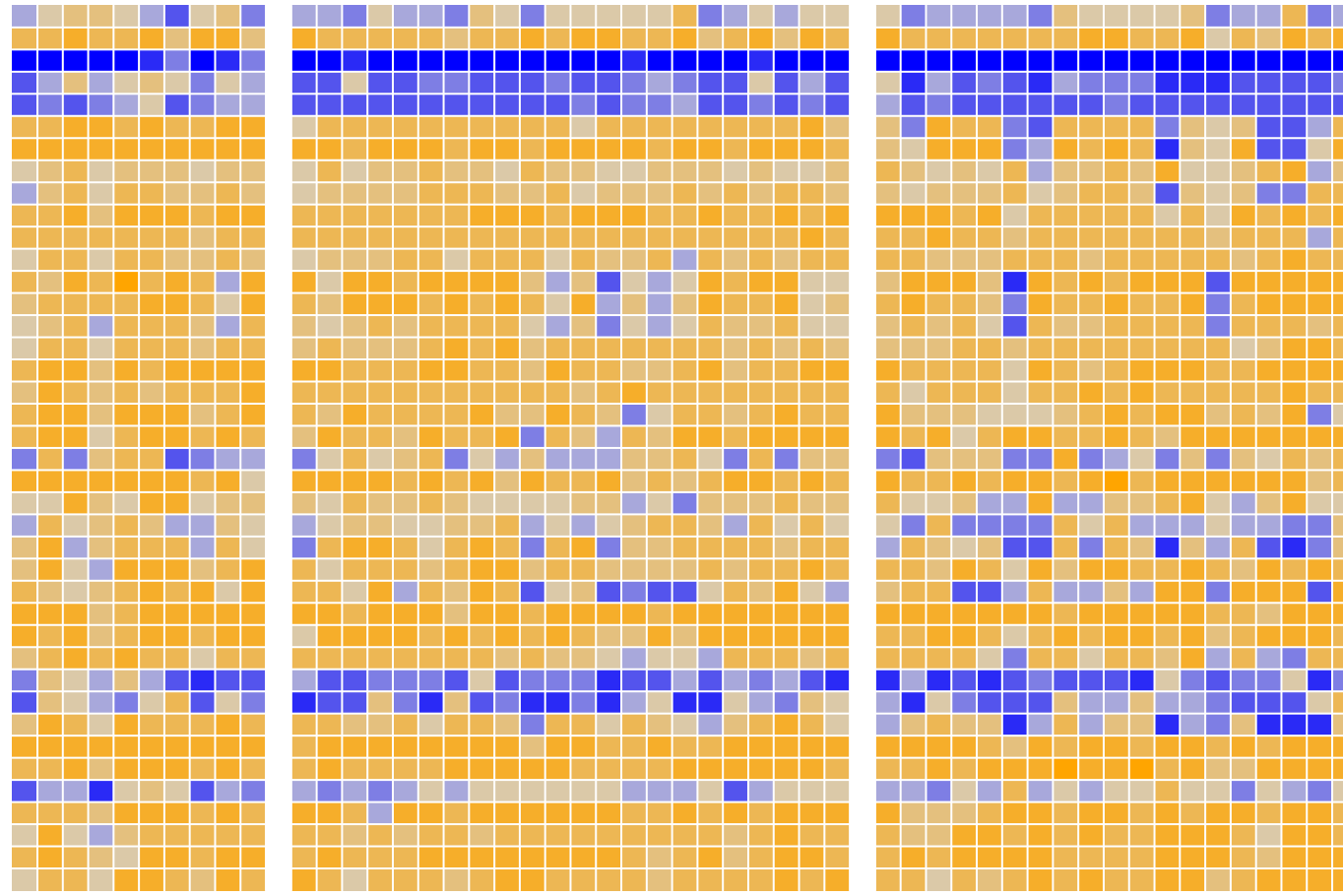
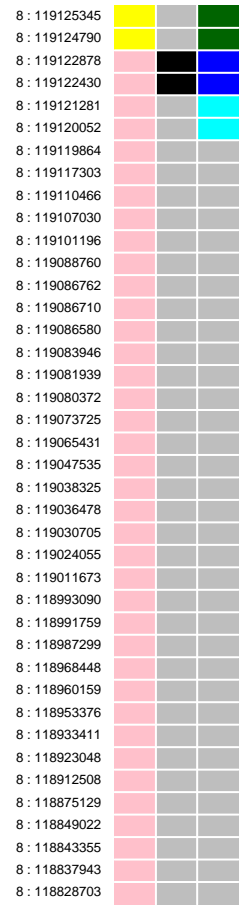
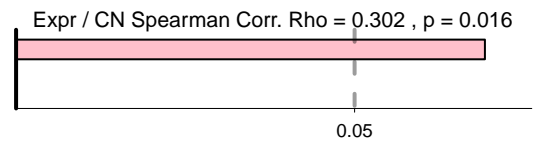
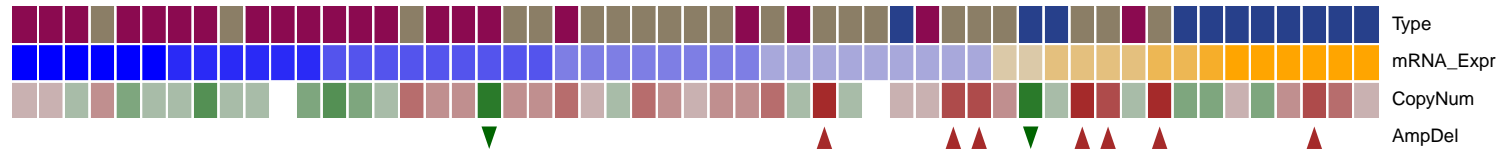


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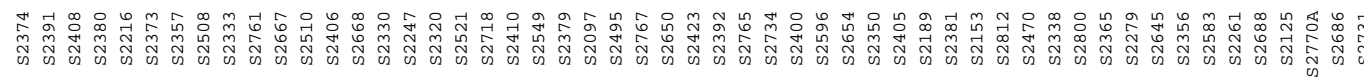
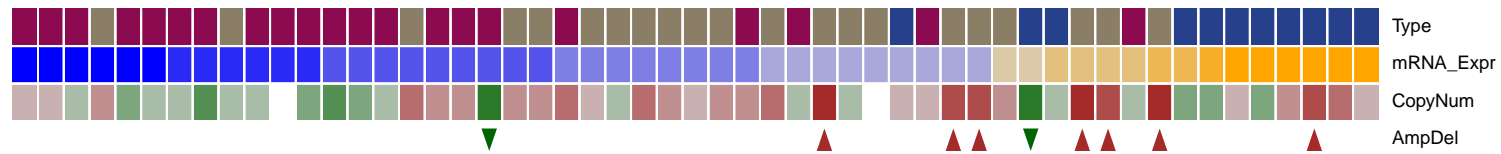
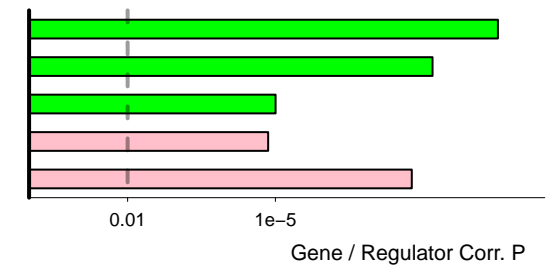
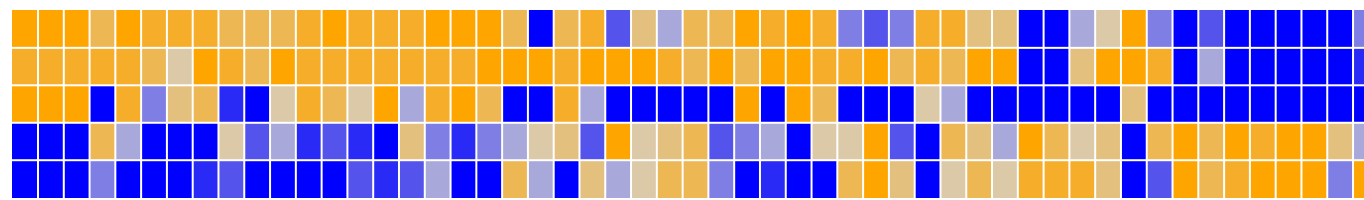
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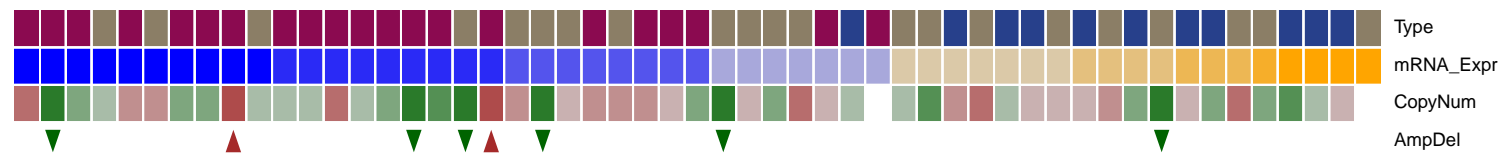
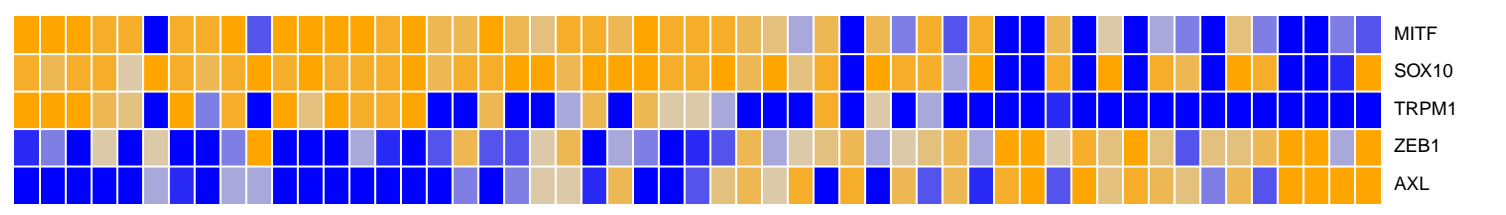
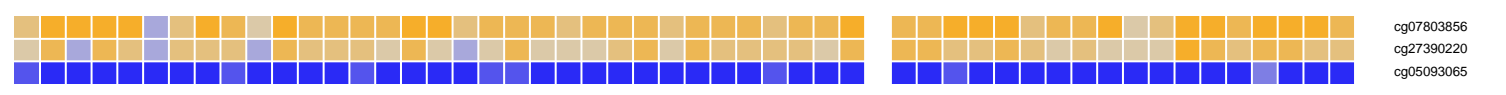
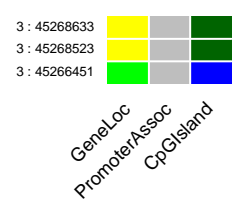
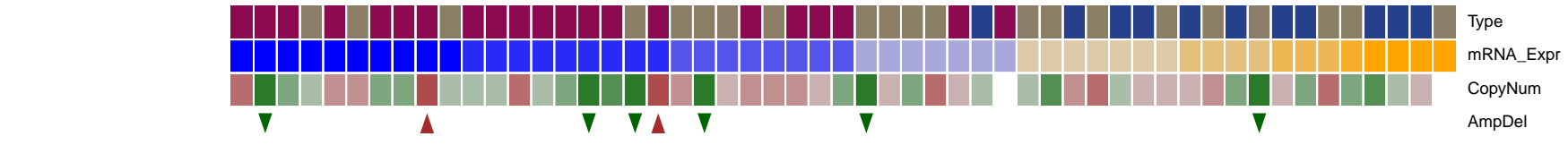
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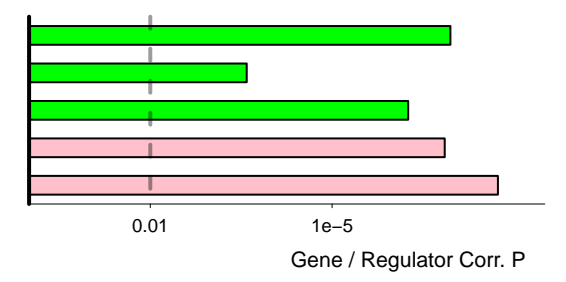
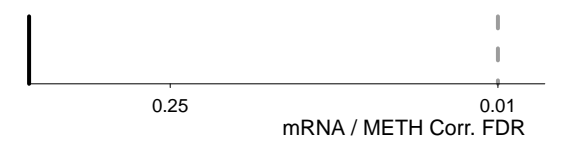
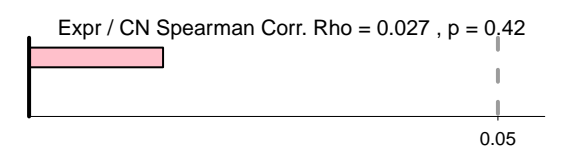
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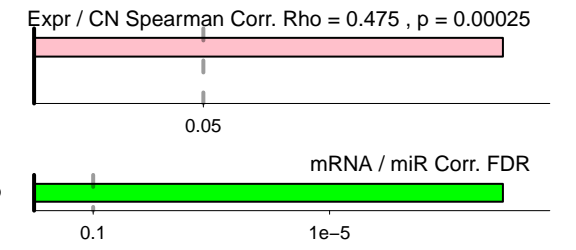
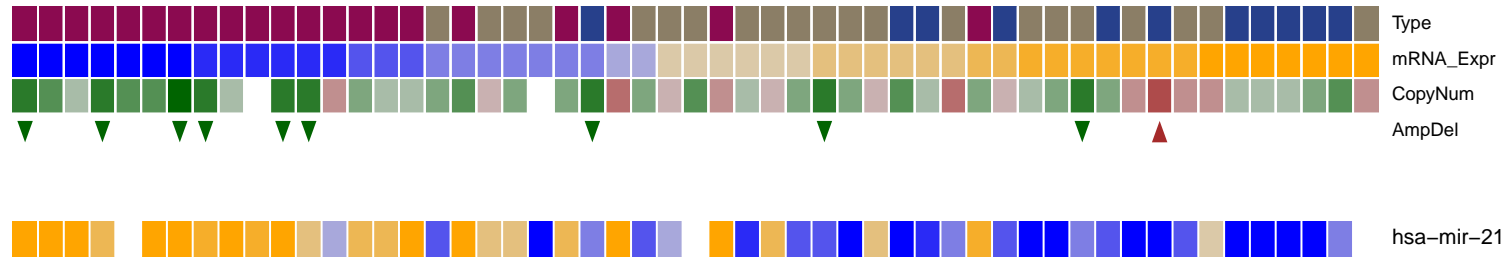
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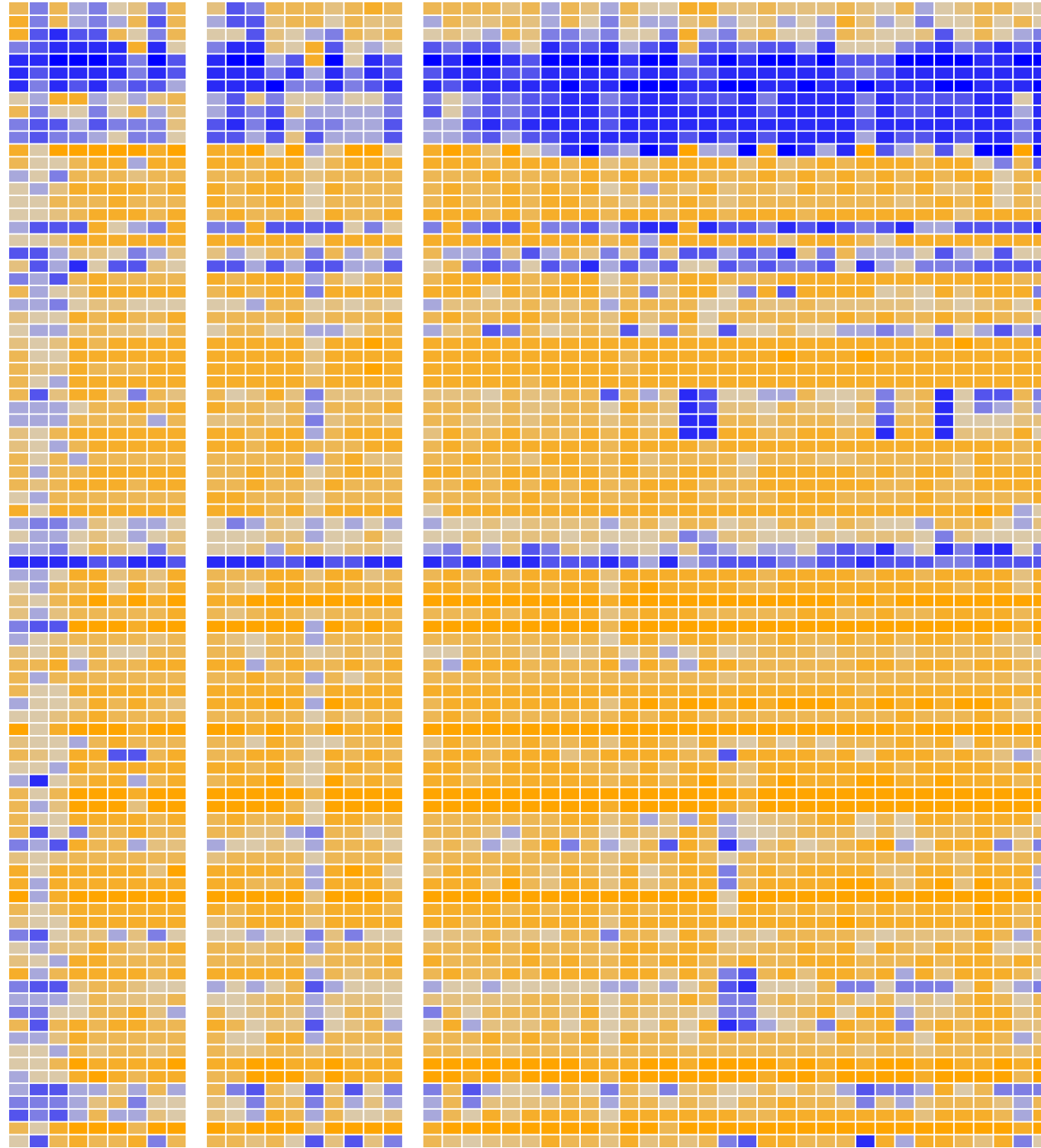


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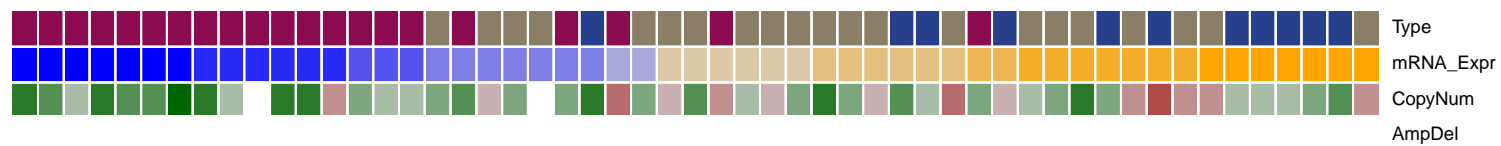
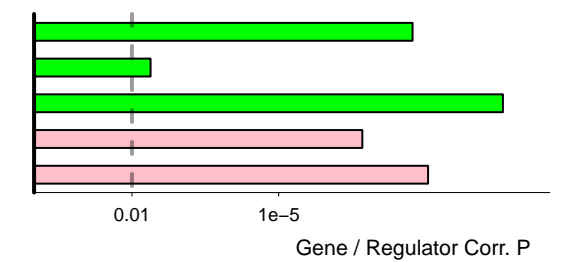
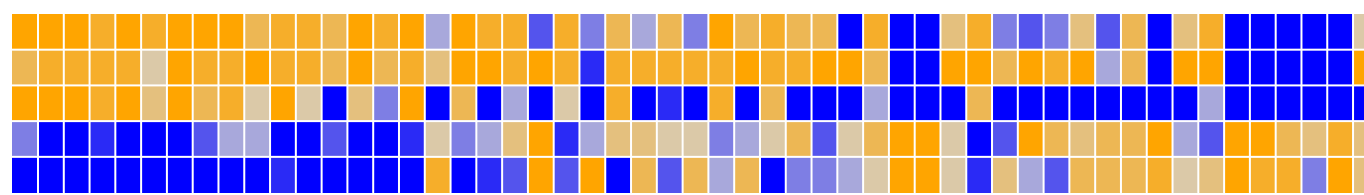
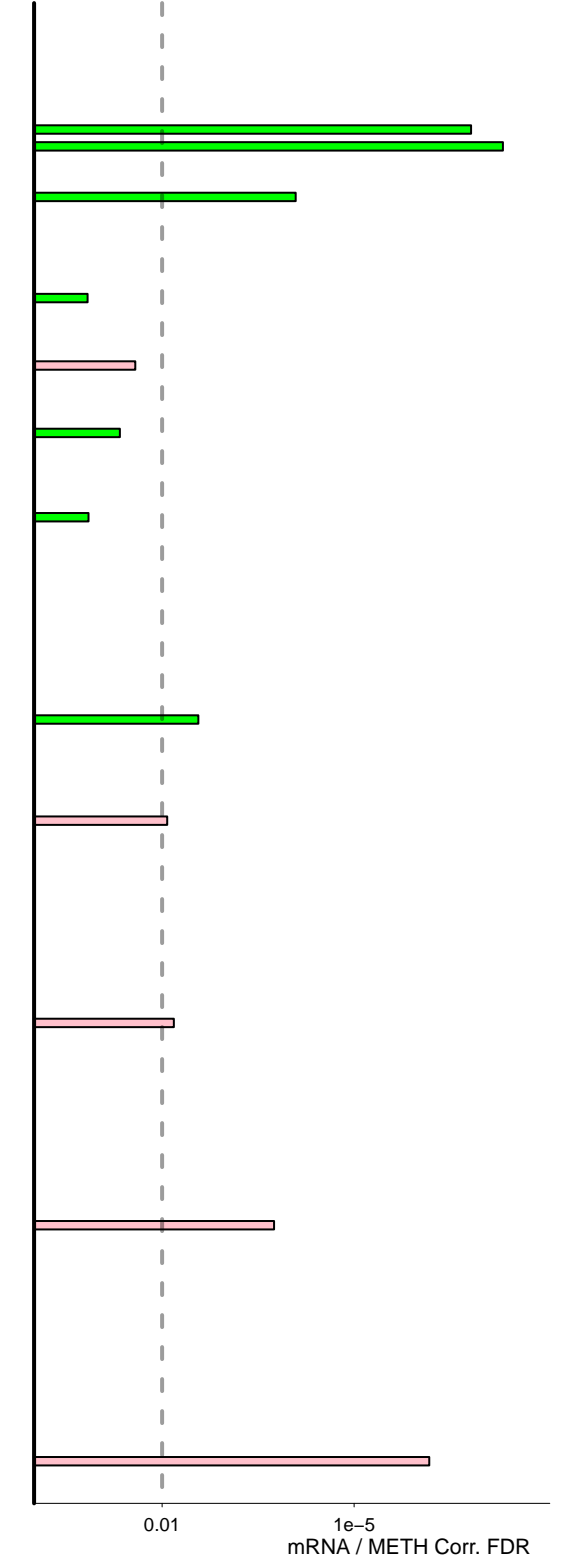


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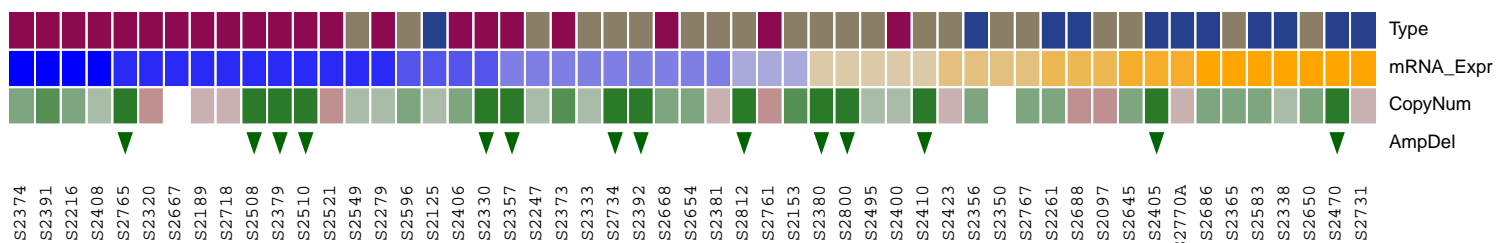
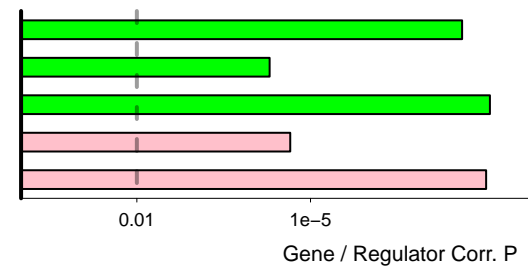
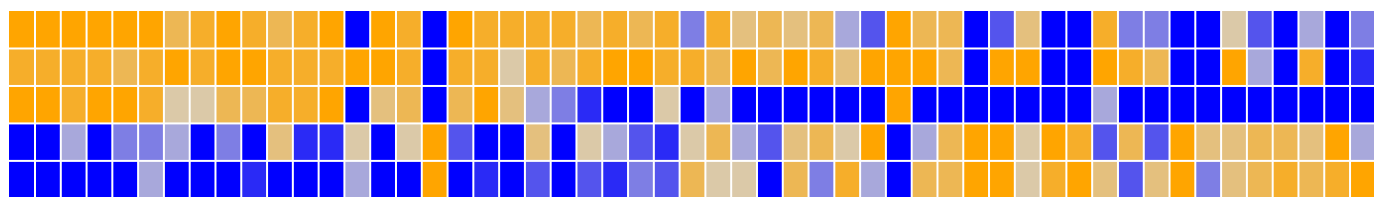
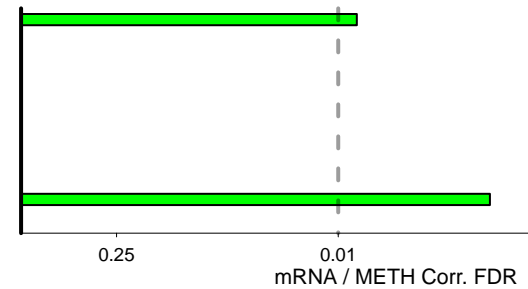
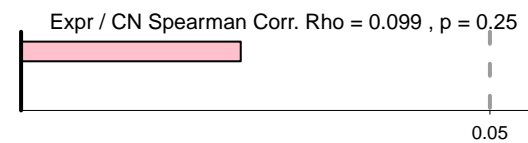
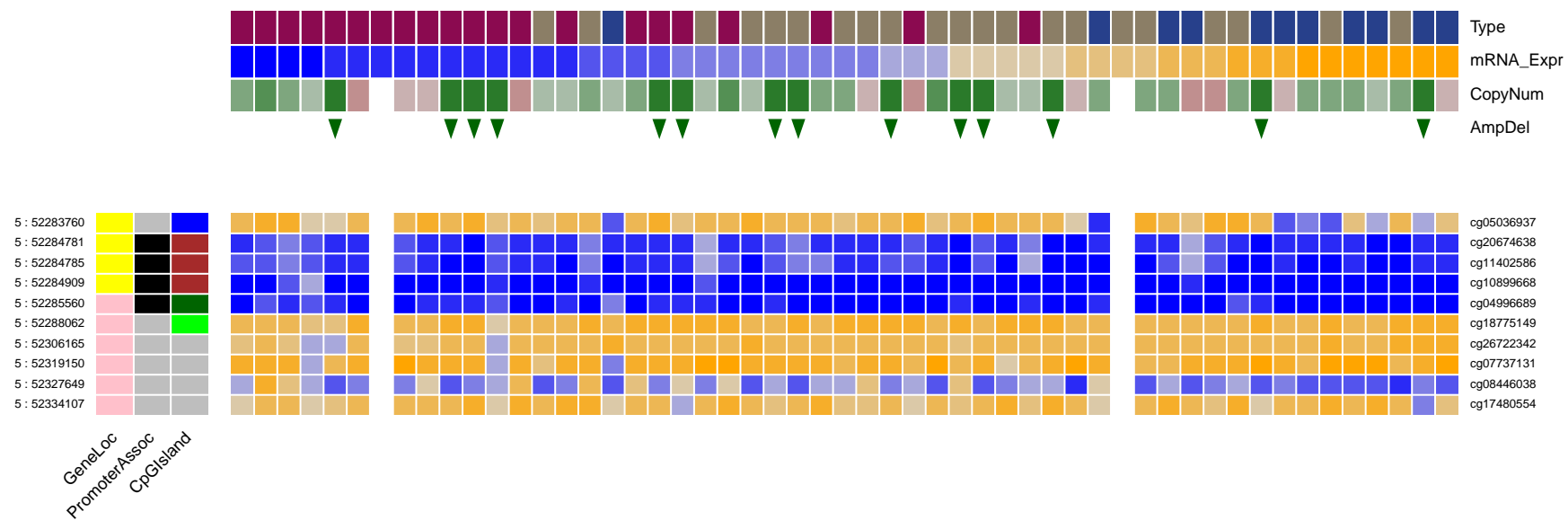


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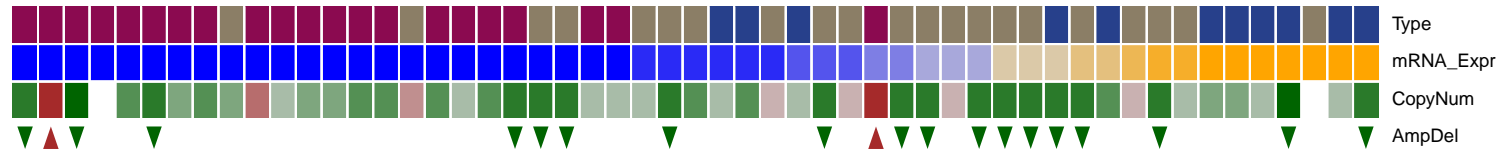


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# ITGA2



# AKR1C3



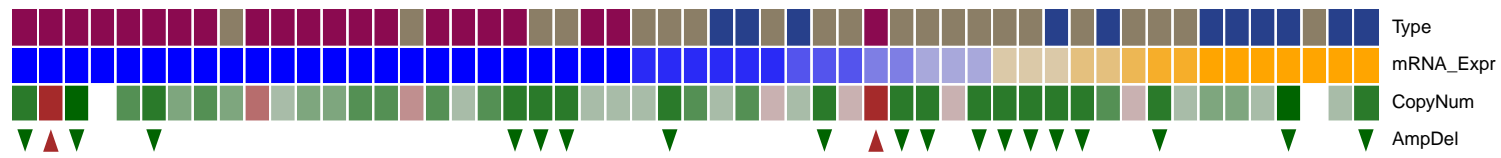
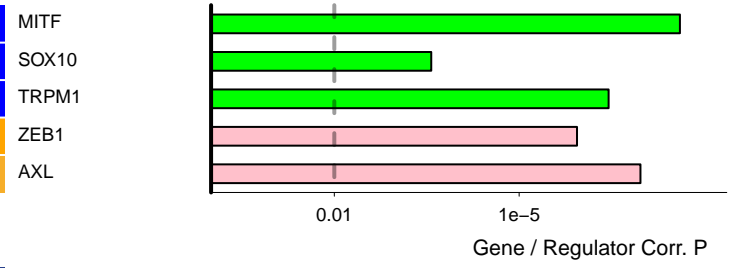
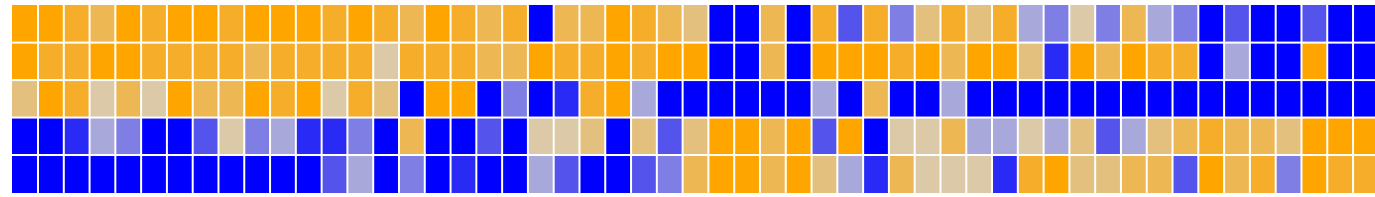
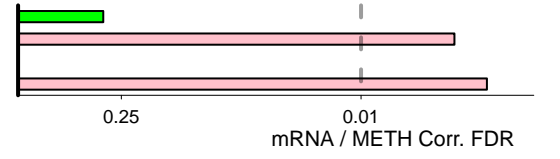
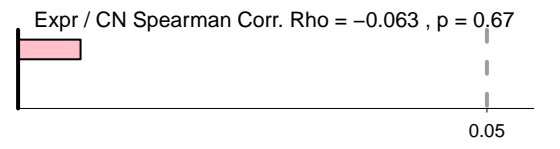
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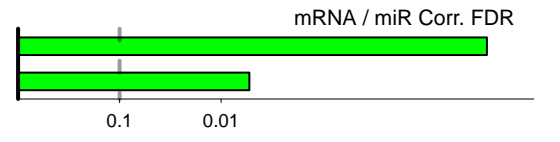
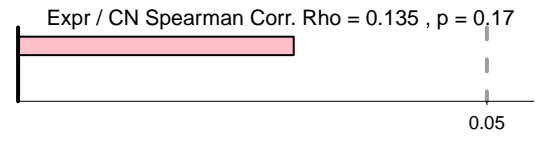
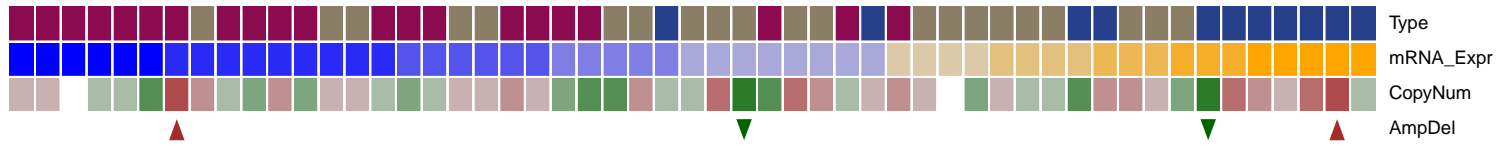


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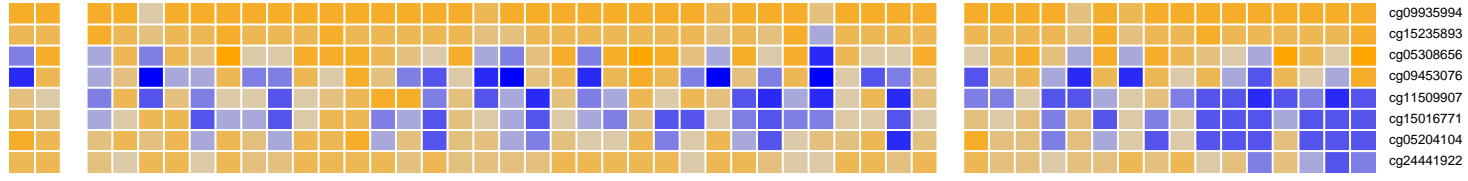


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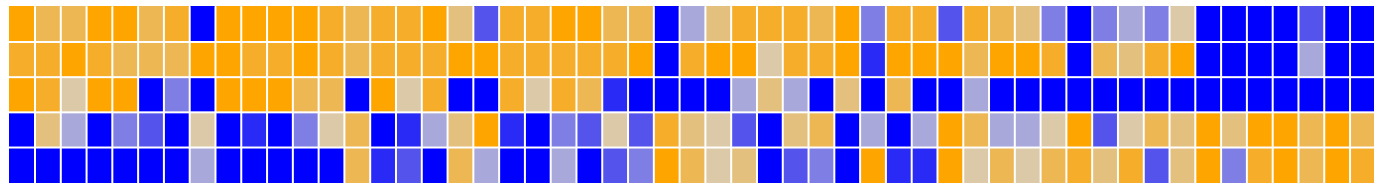
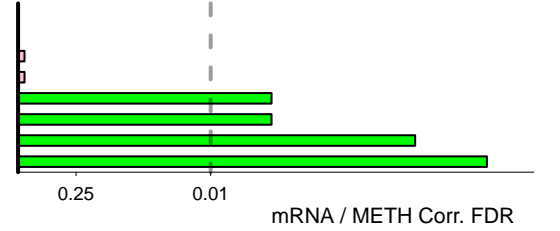


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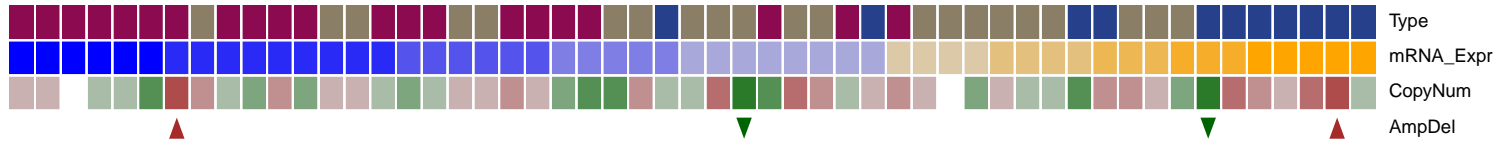
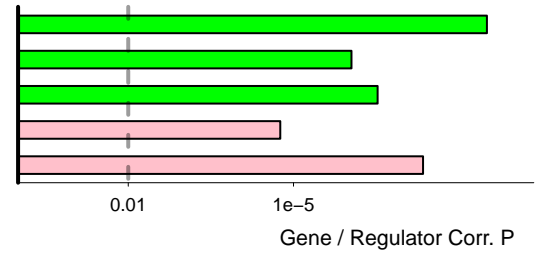
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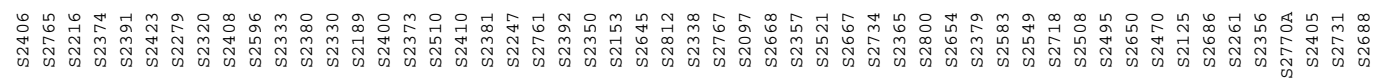
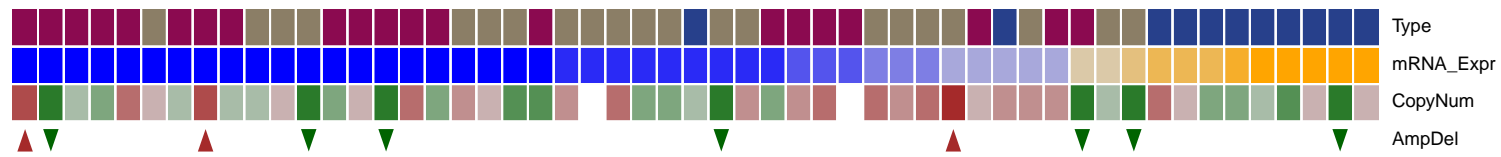
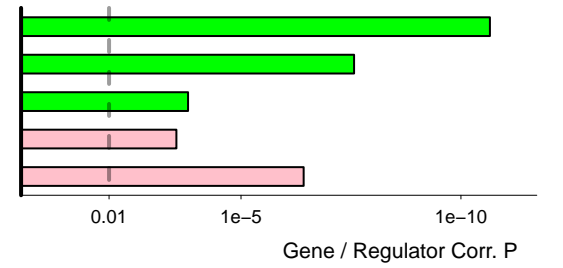
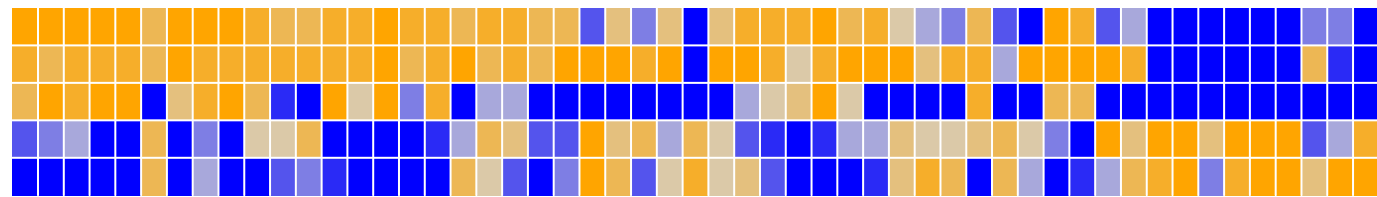
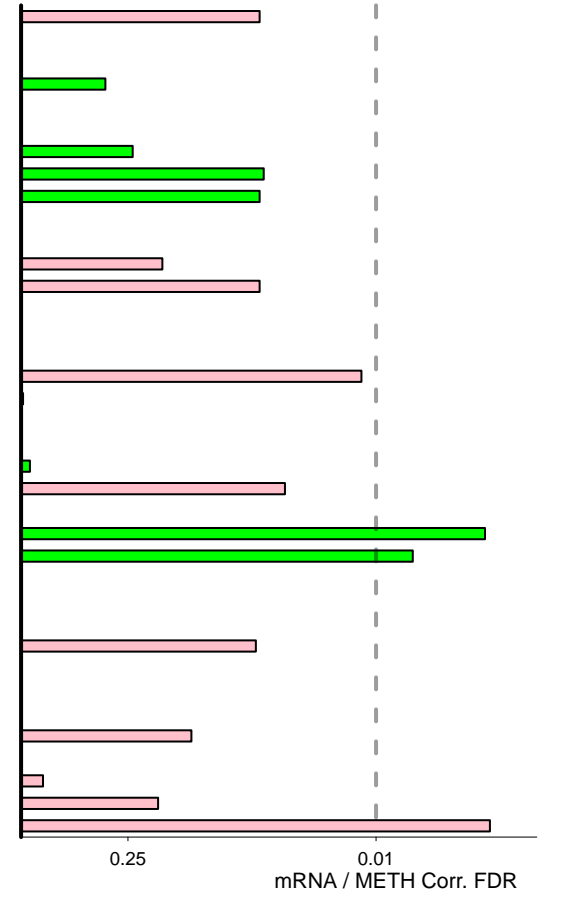
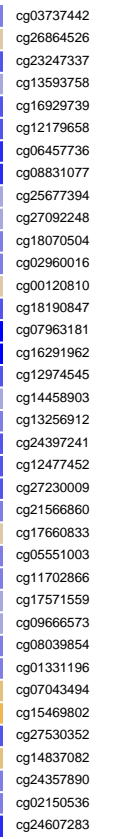
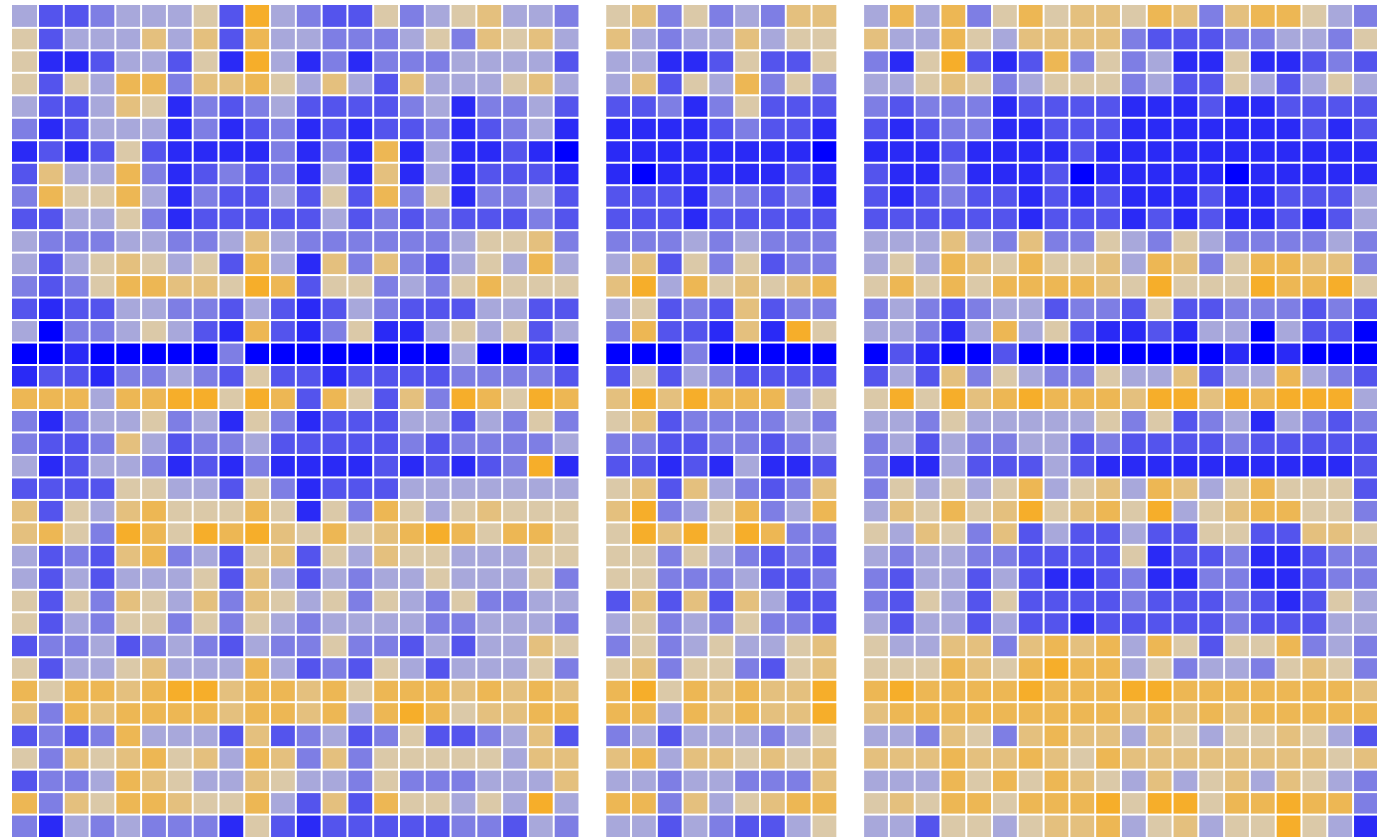
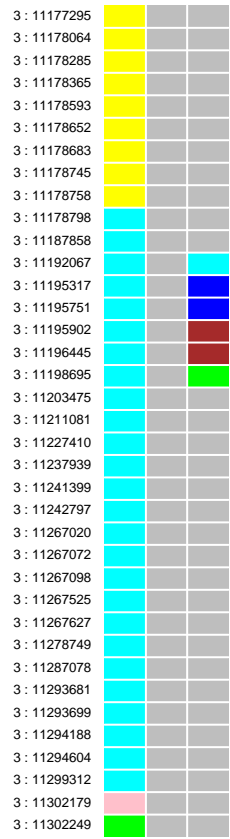
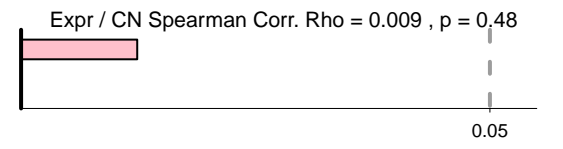
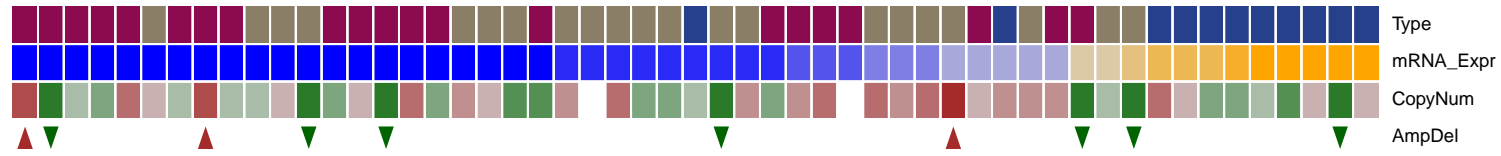


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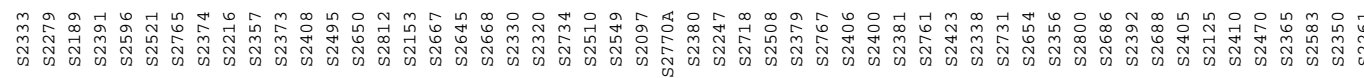
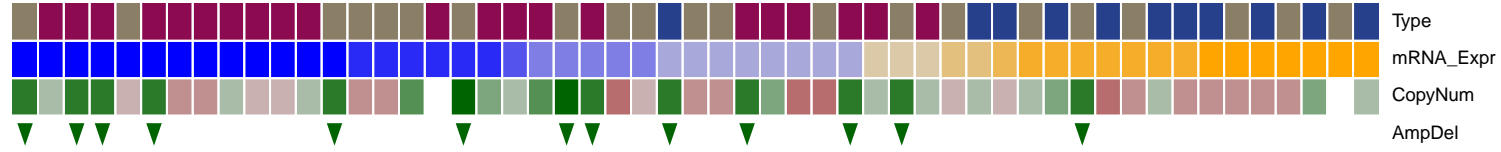
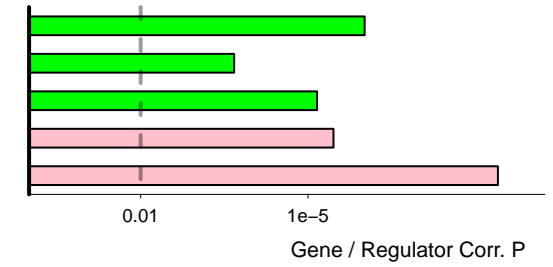
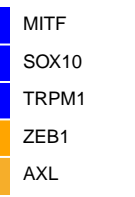
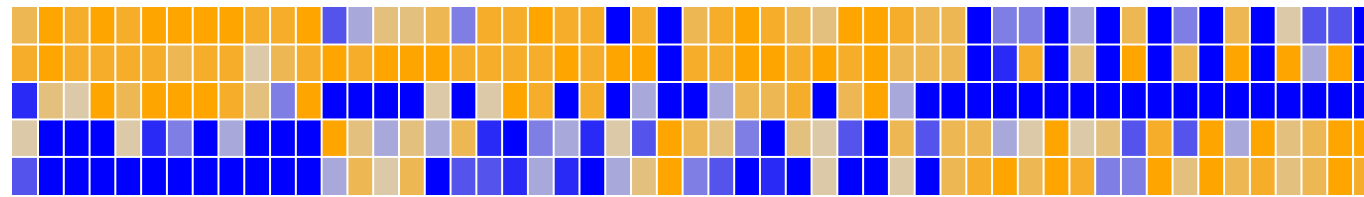
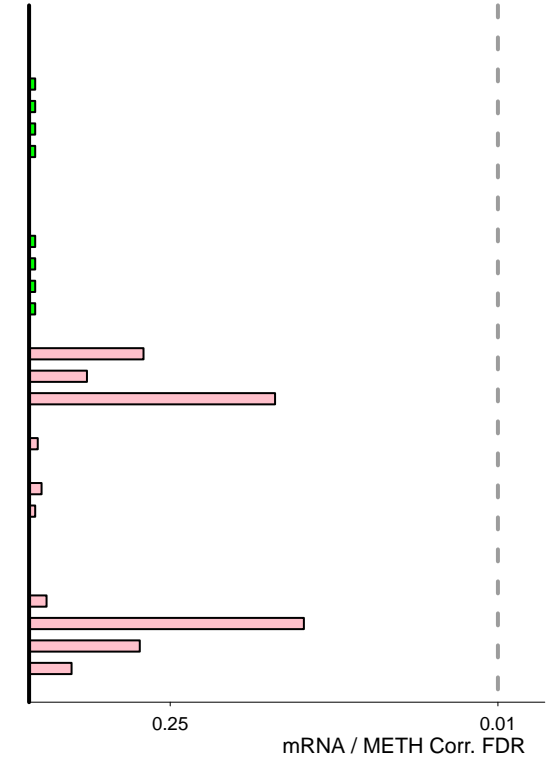
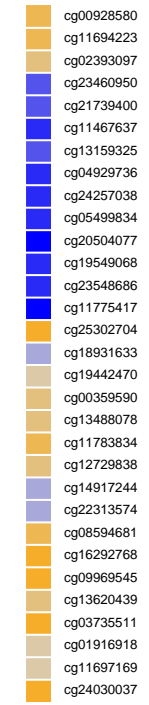
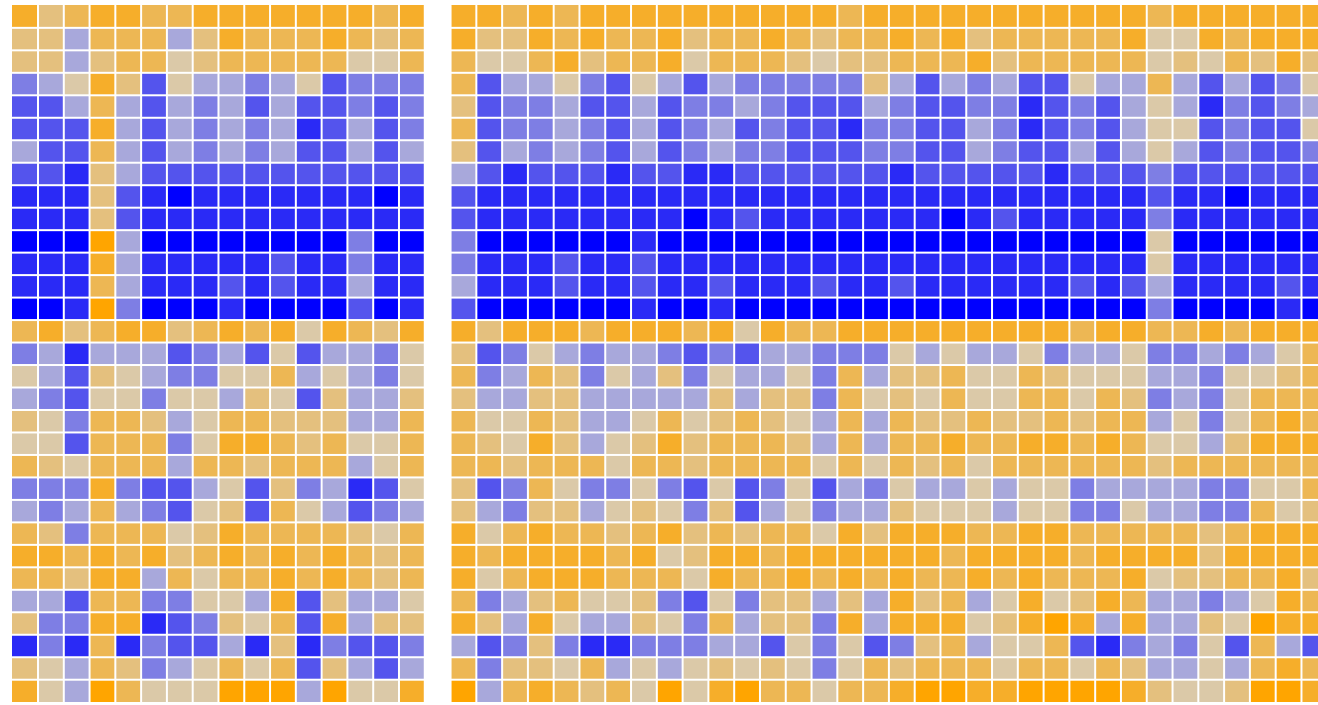
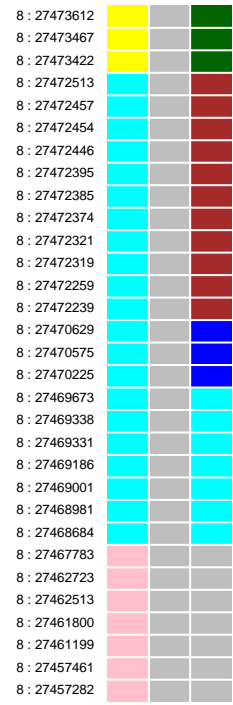
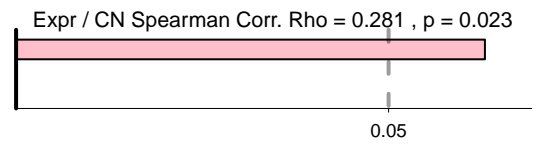
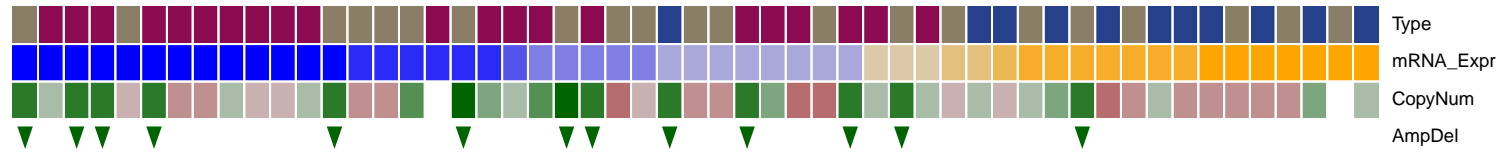


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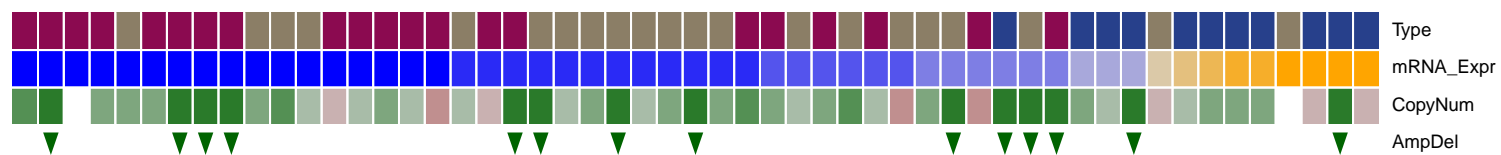
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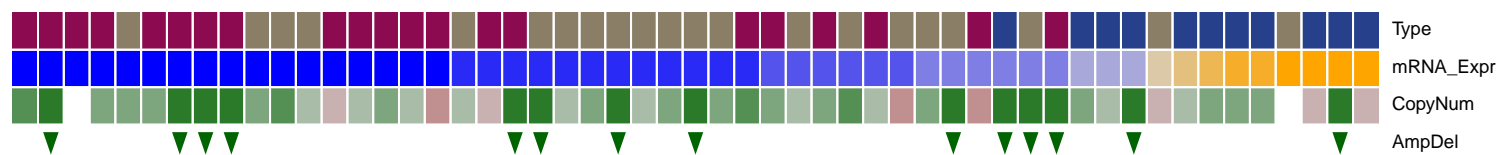
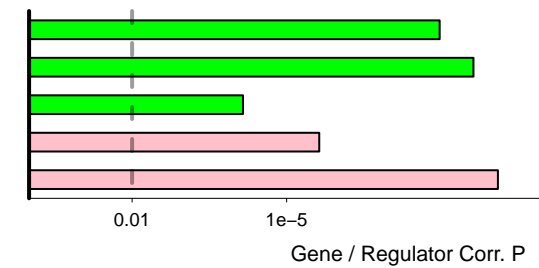
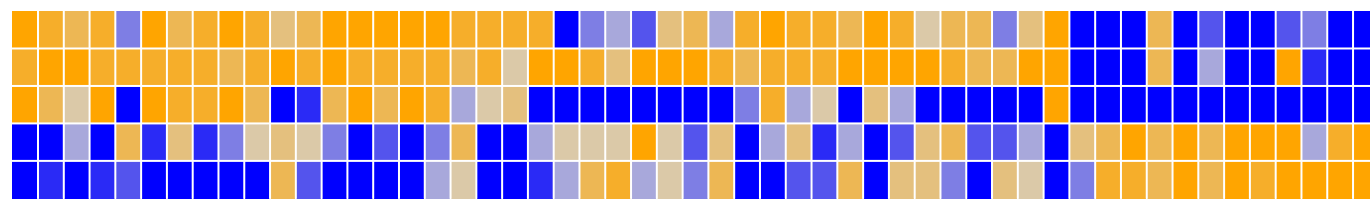
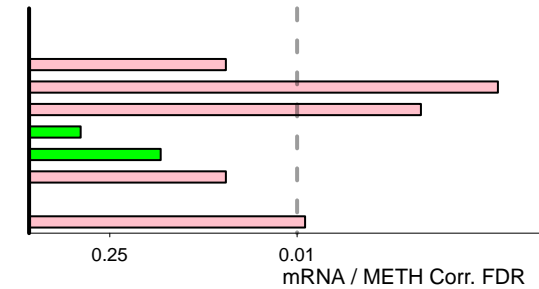
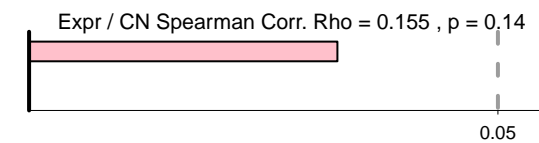
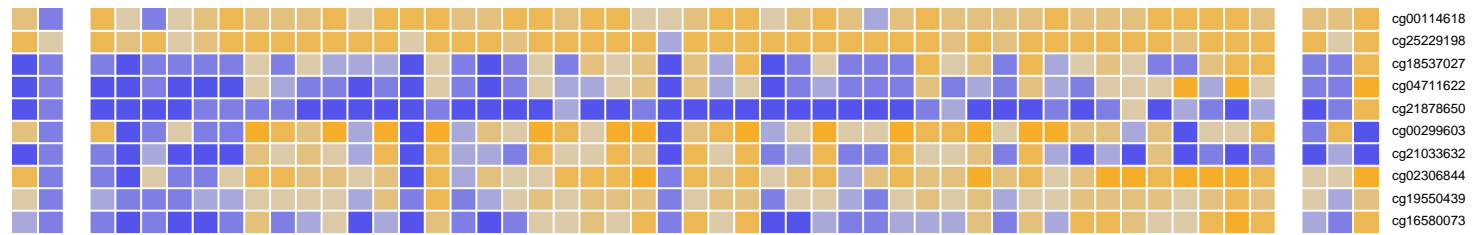


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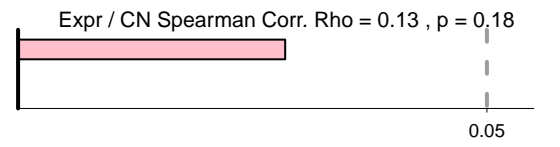
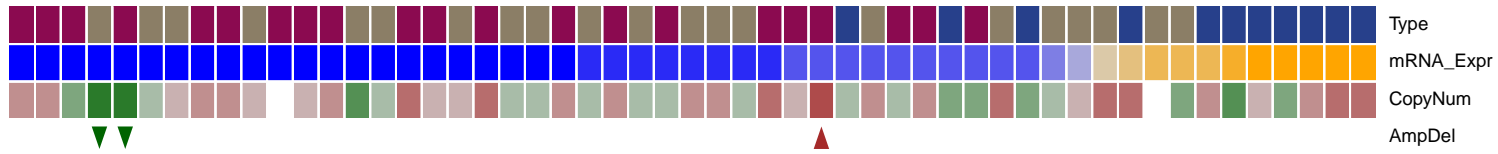
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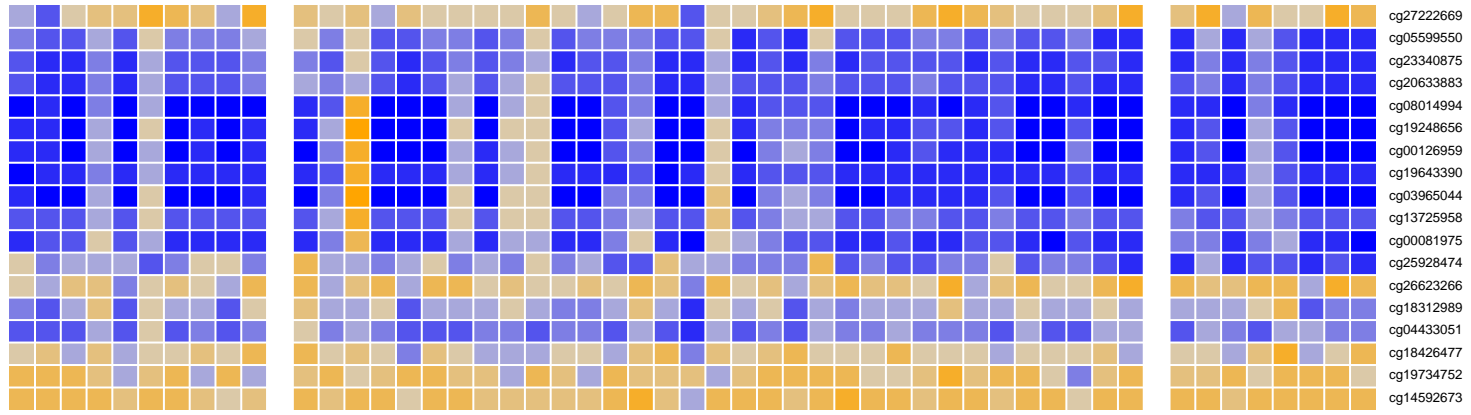
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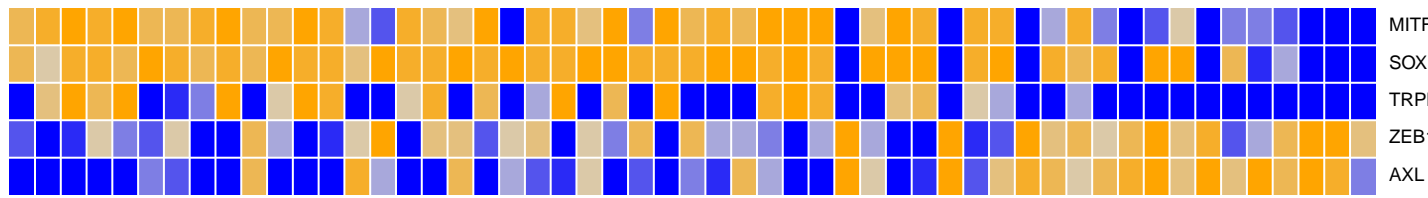
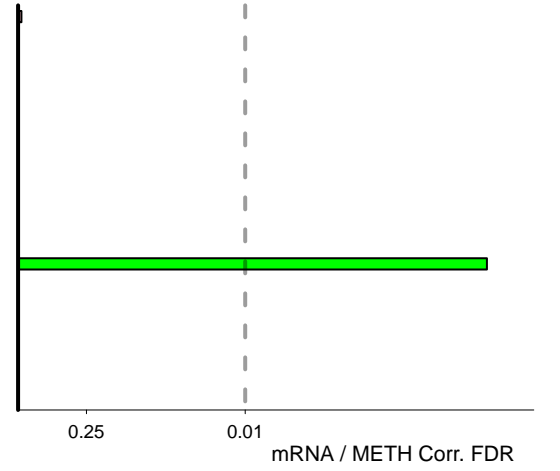


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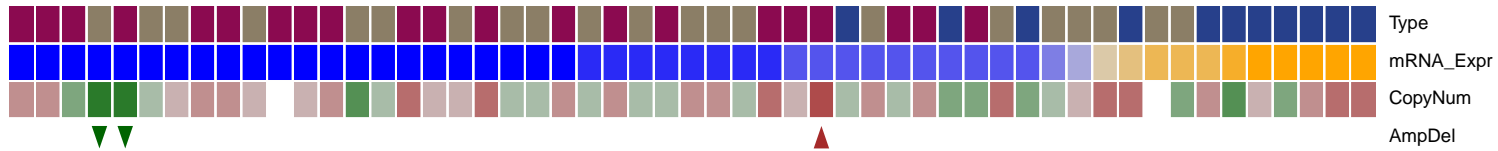
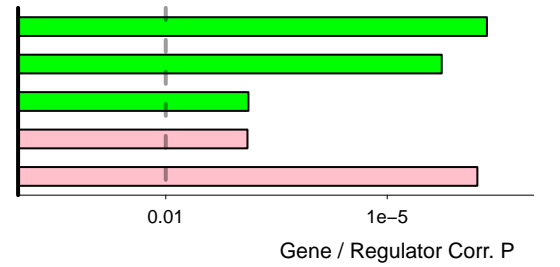
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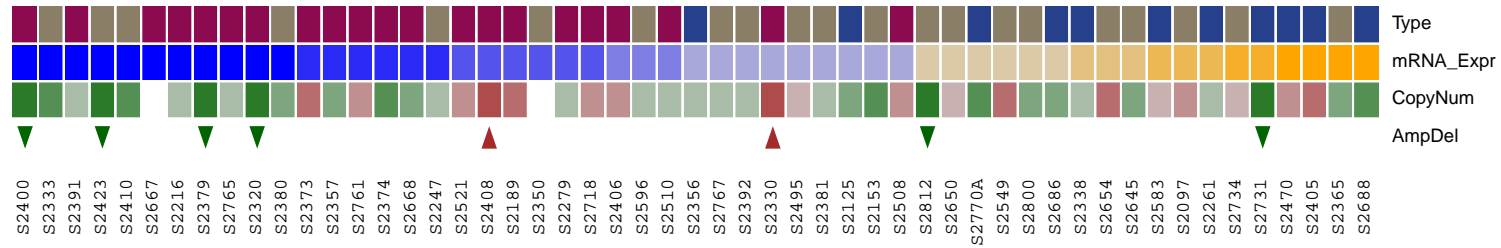
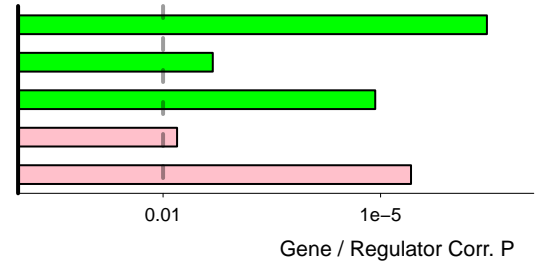
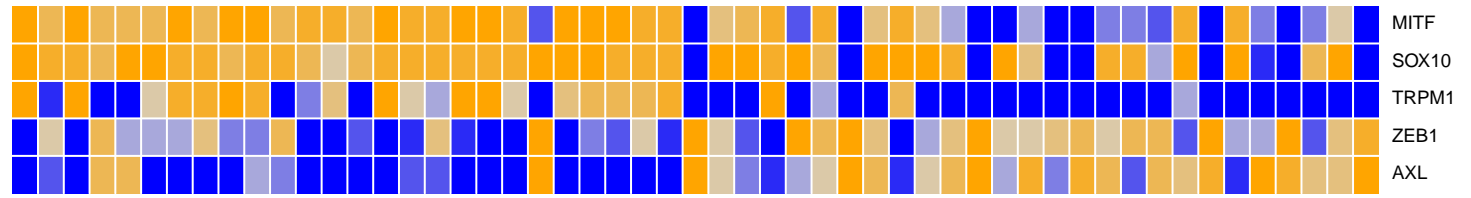
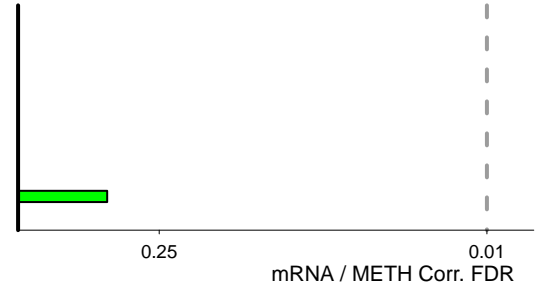
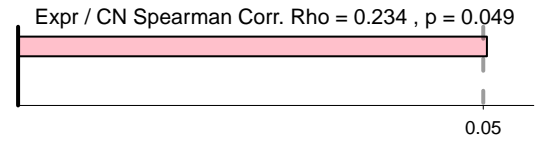
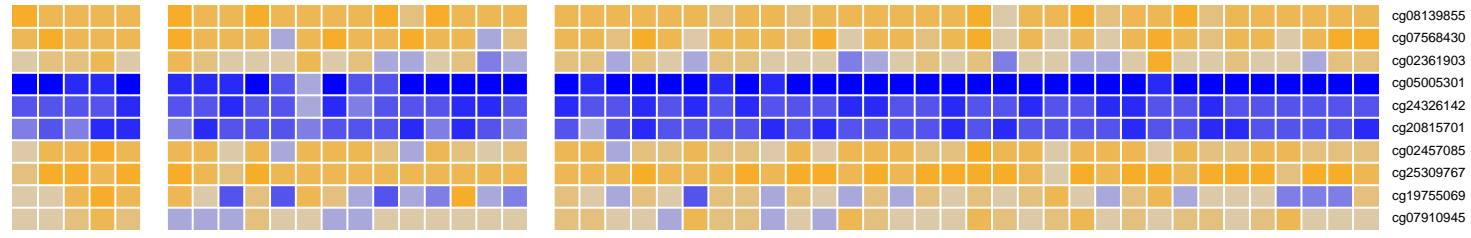
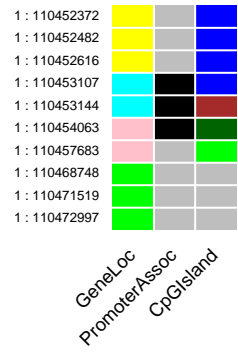
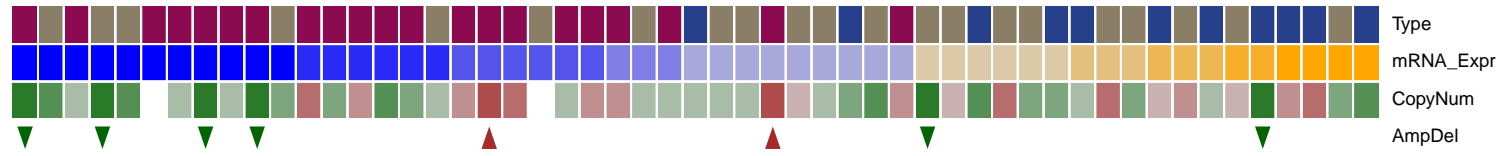
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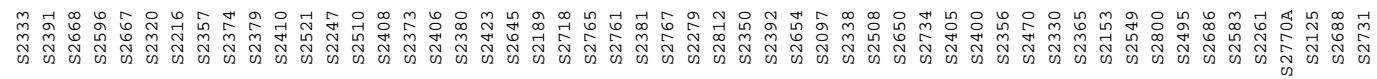
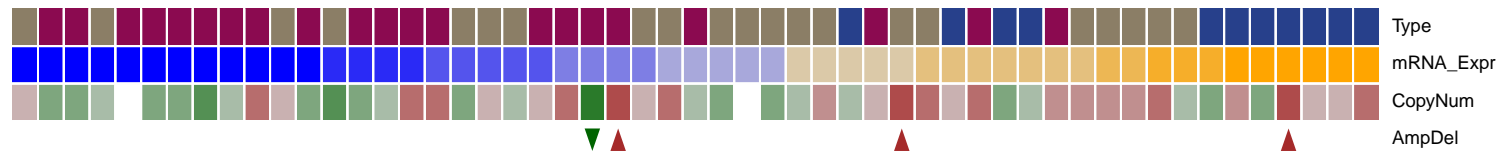
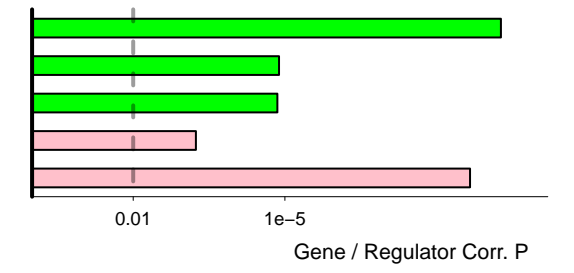
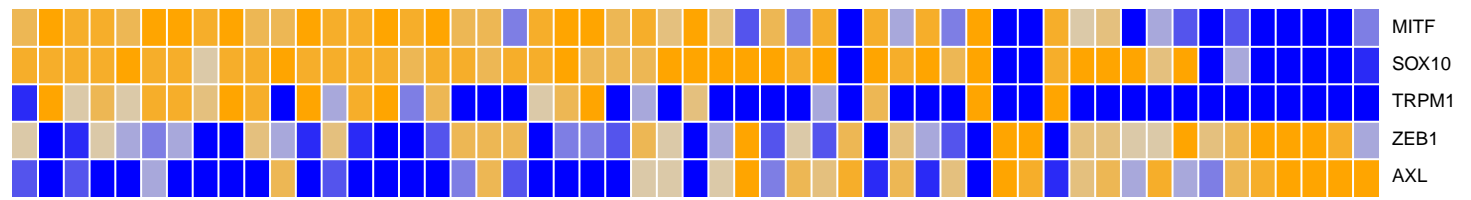
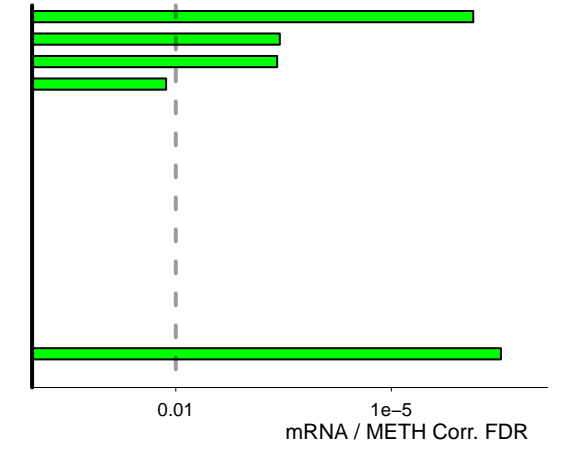
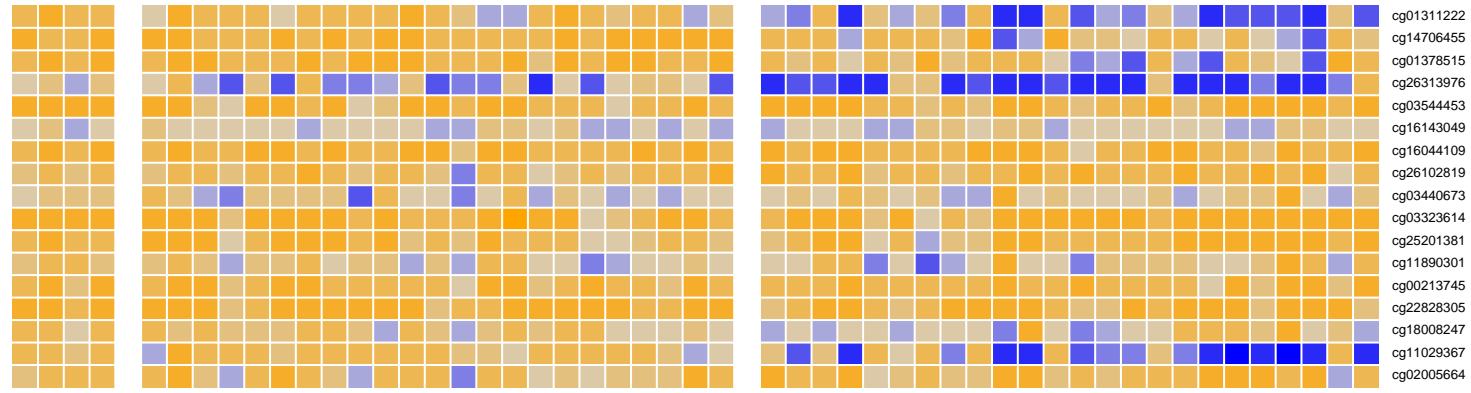
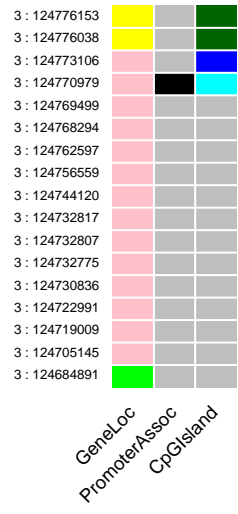
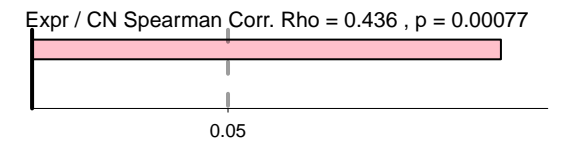
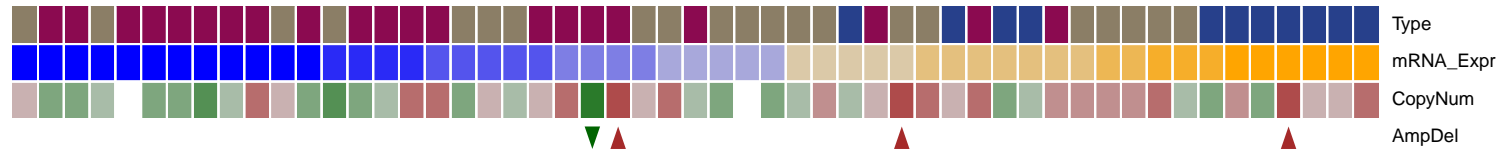
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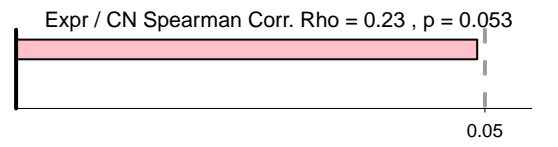
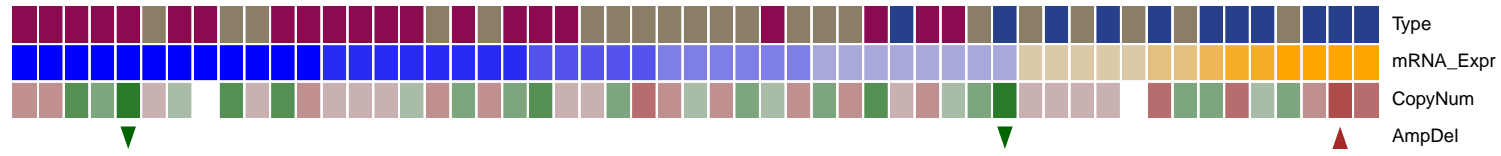
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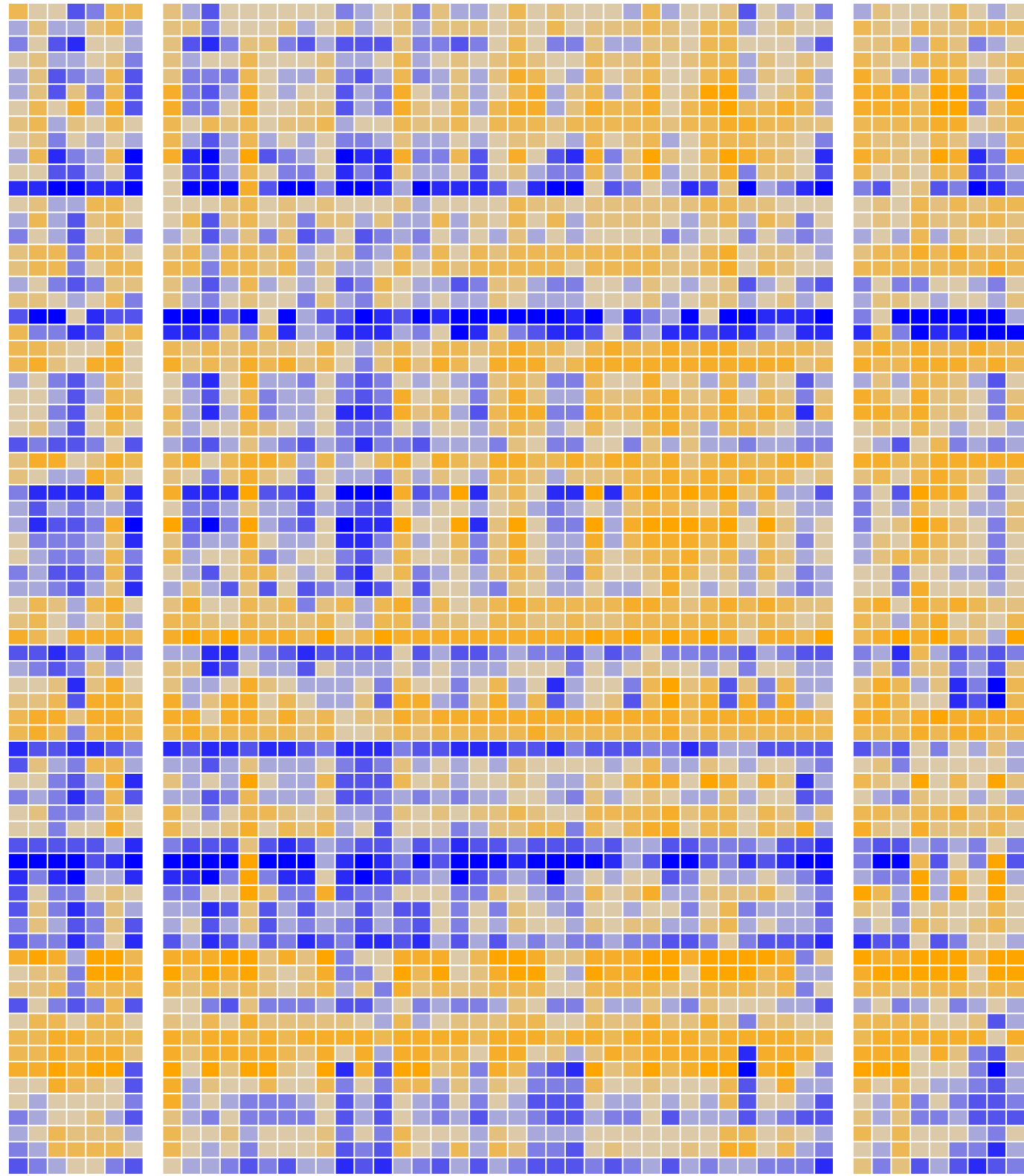


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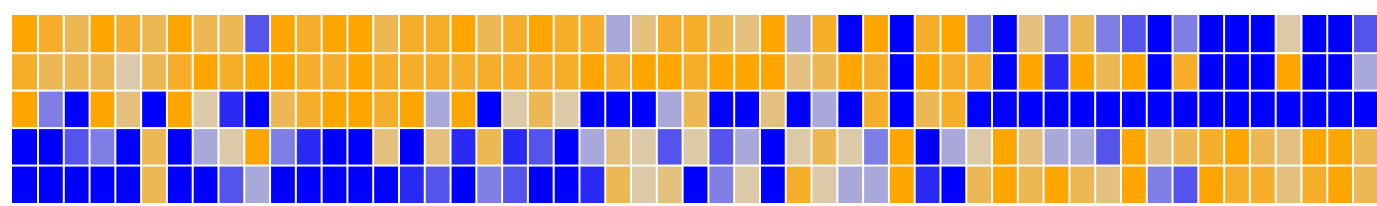
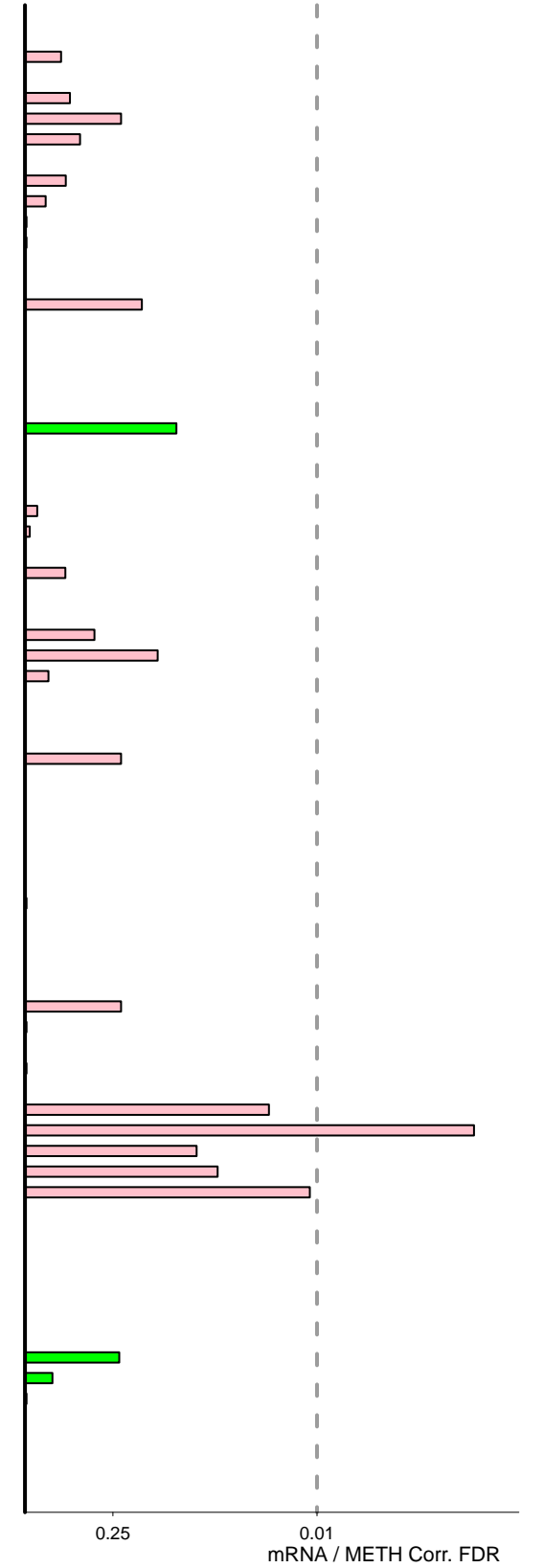


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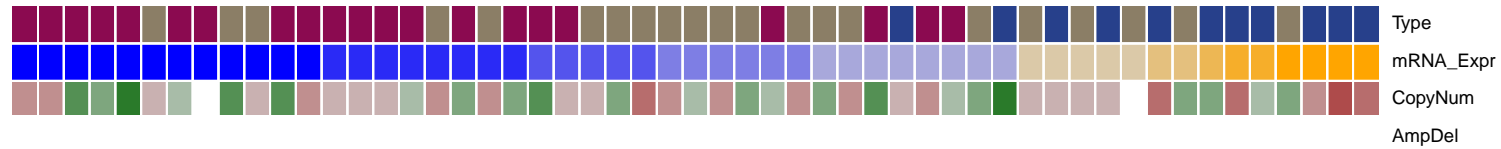
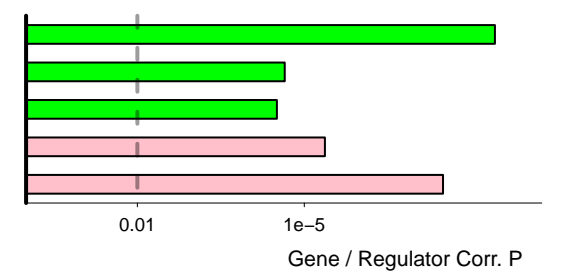
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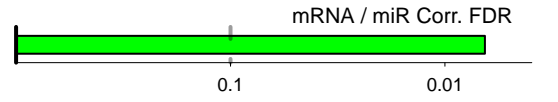
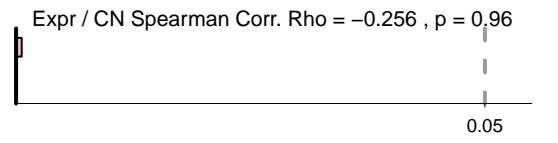
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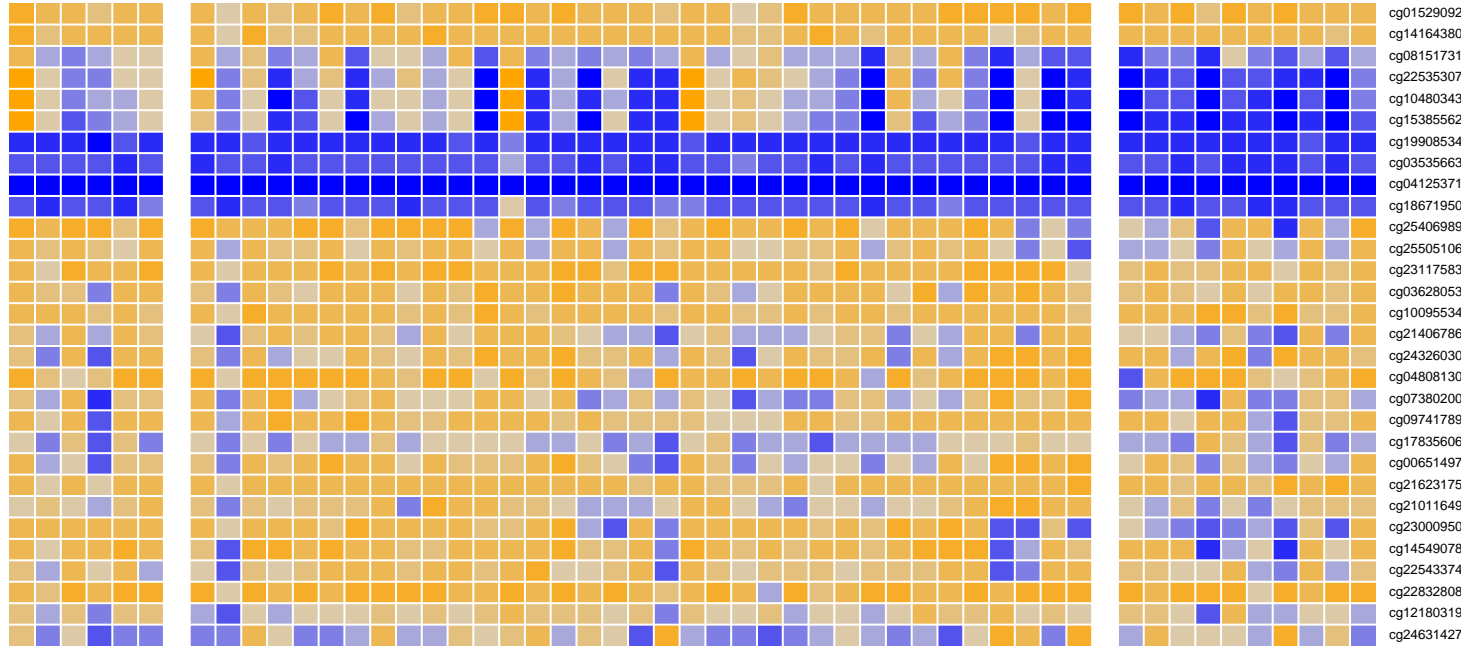


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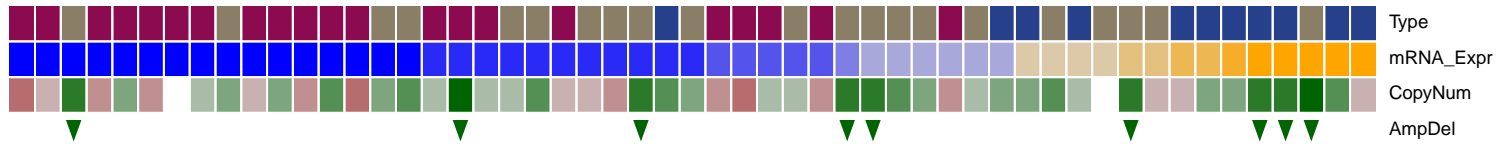
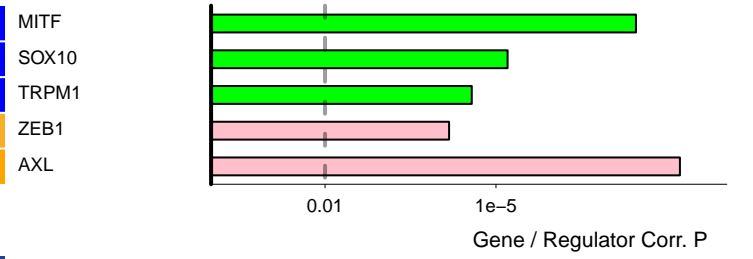
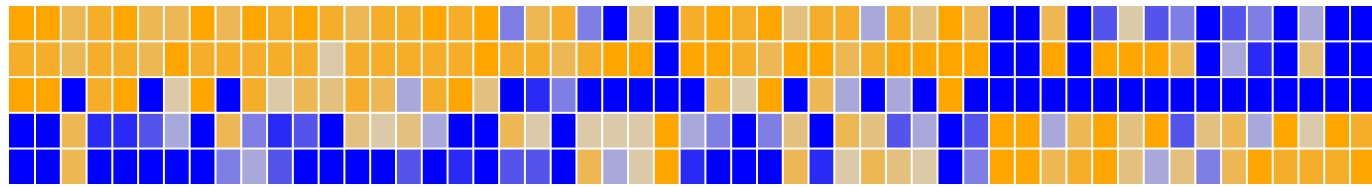
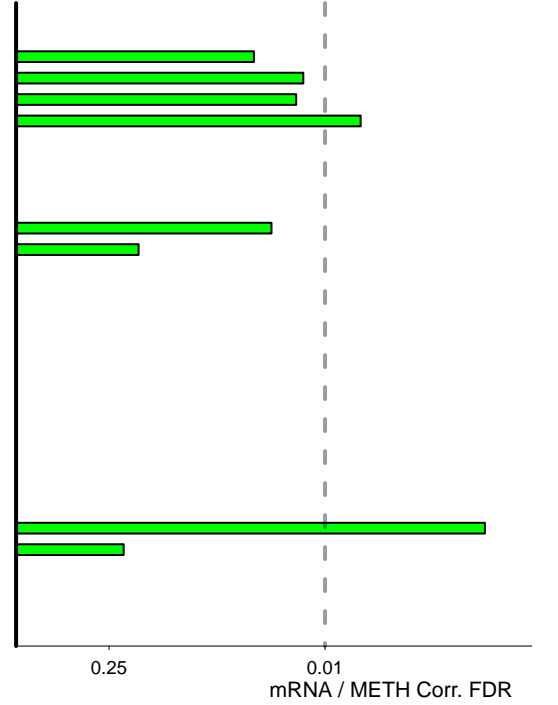


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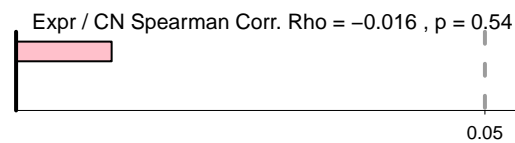
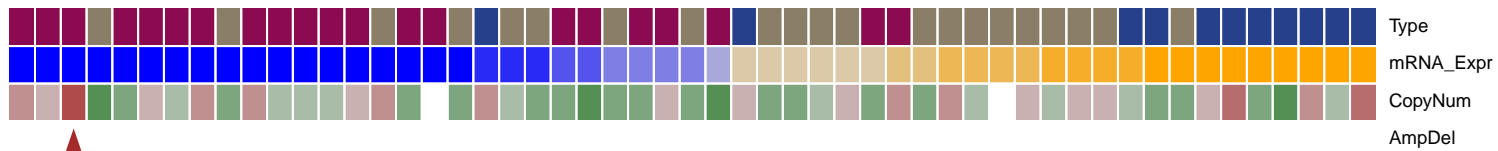


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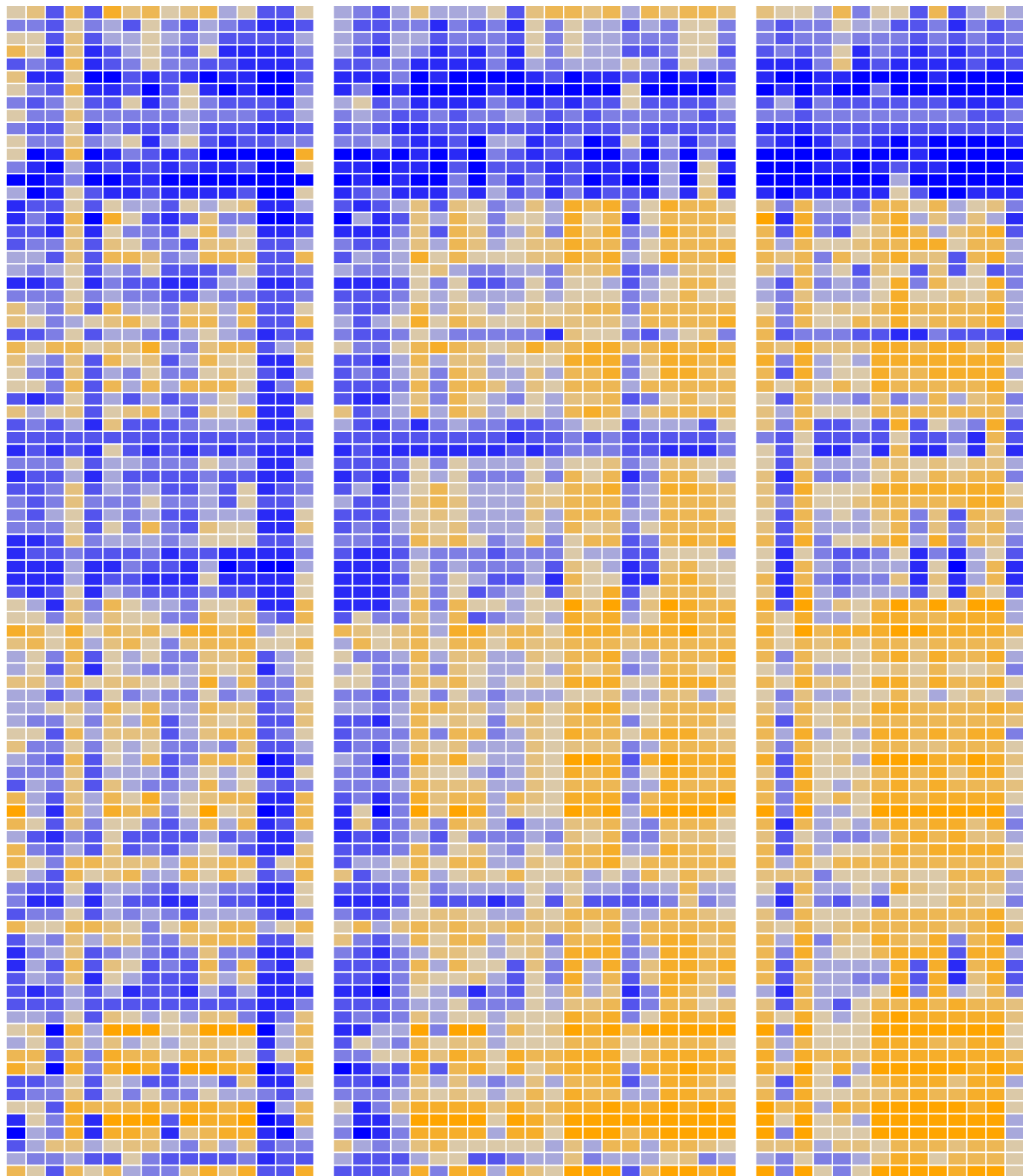
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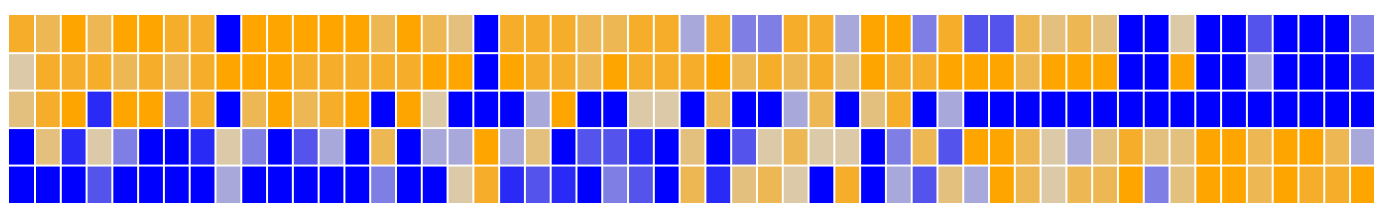
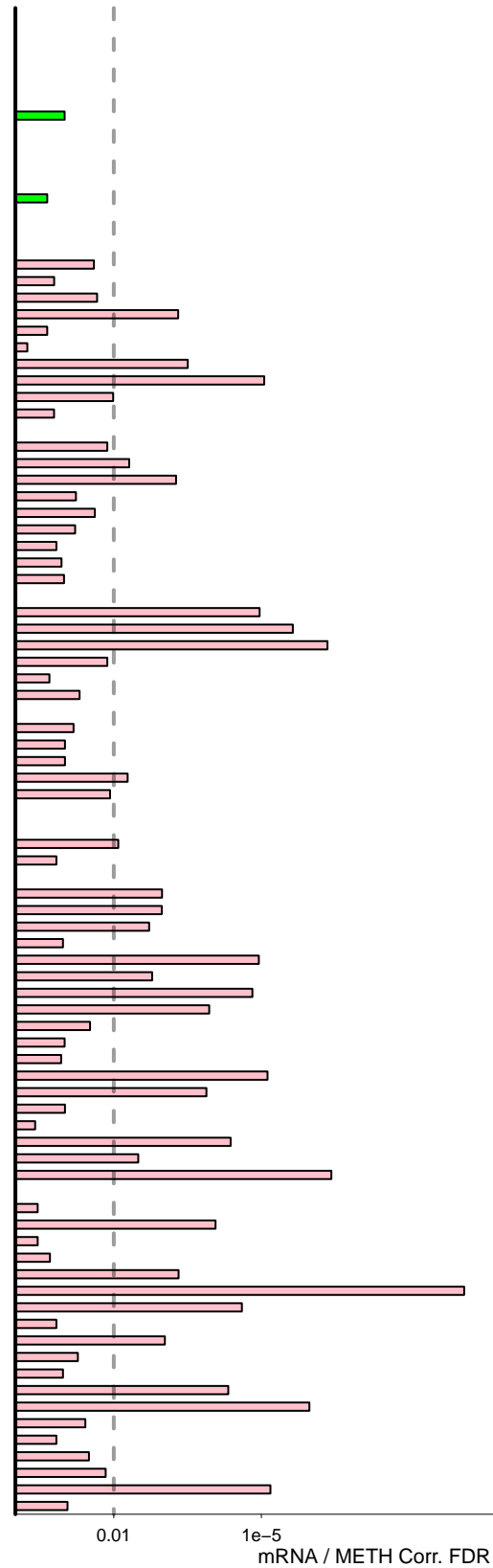


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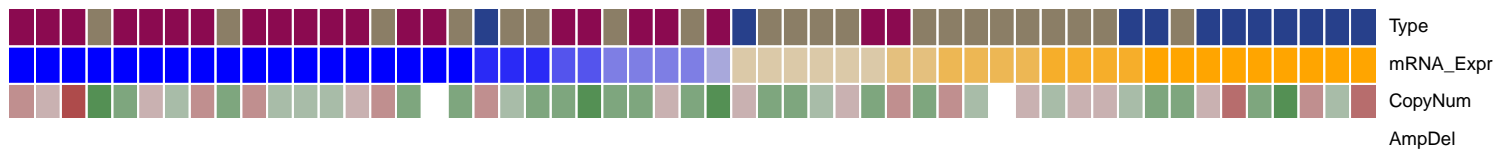
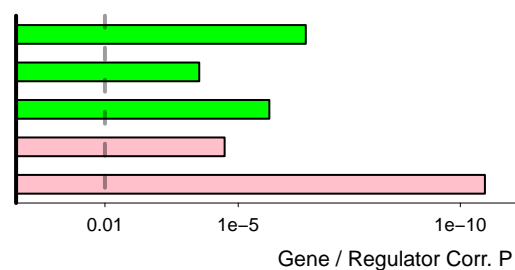
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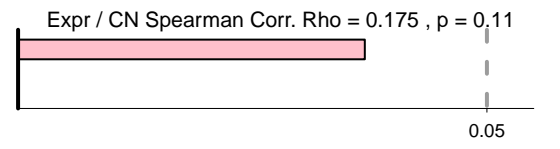


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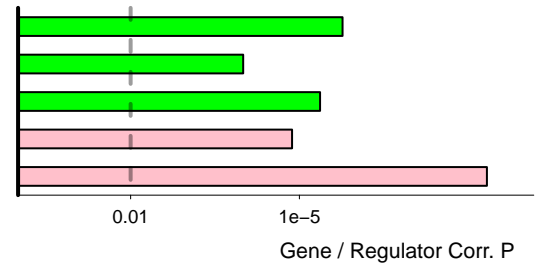
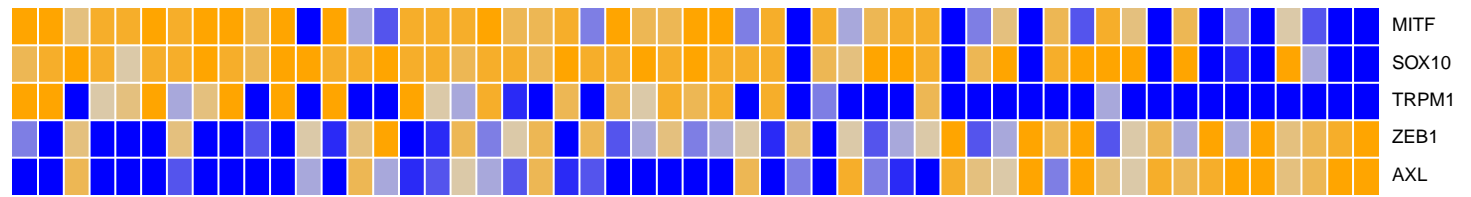
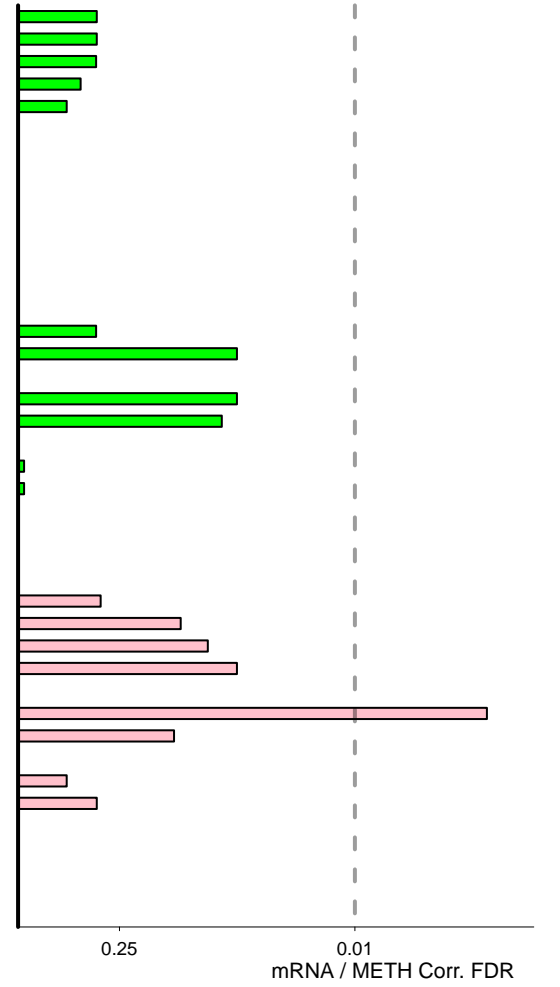
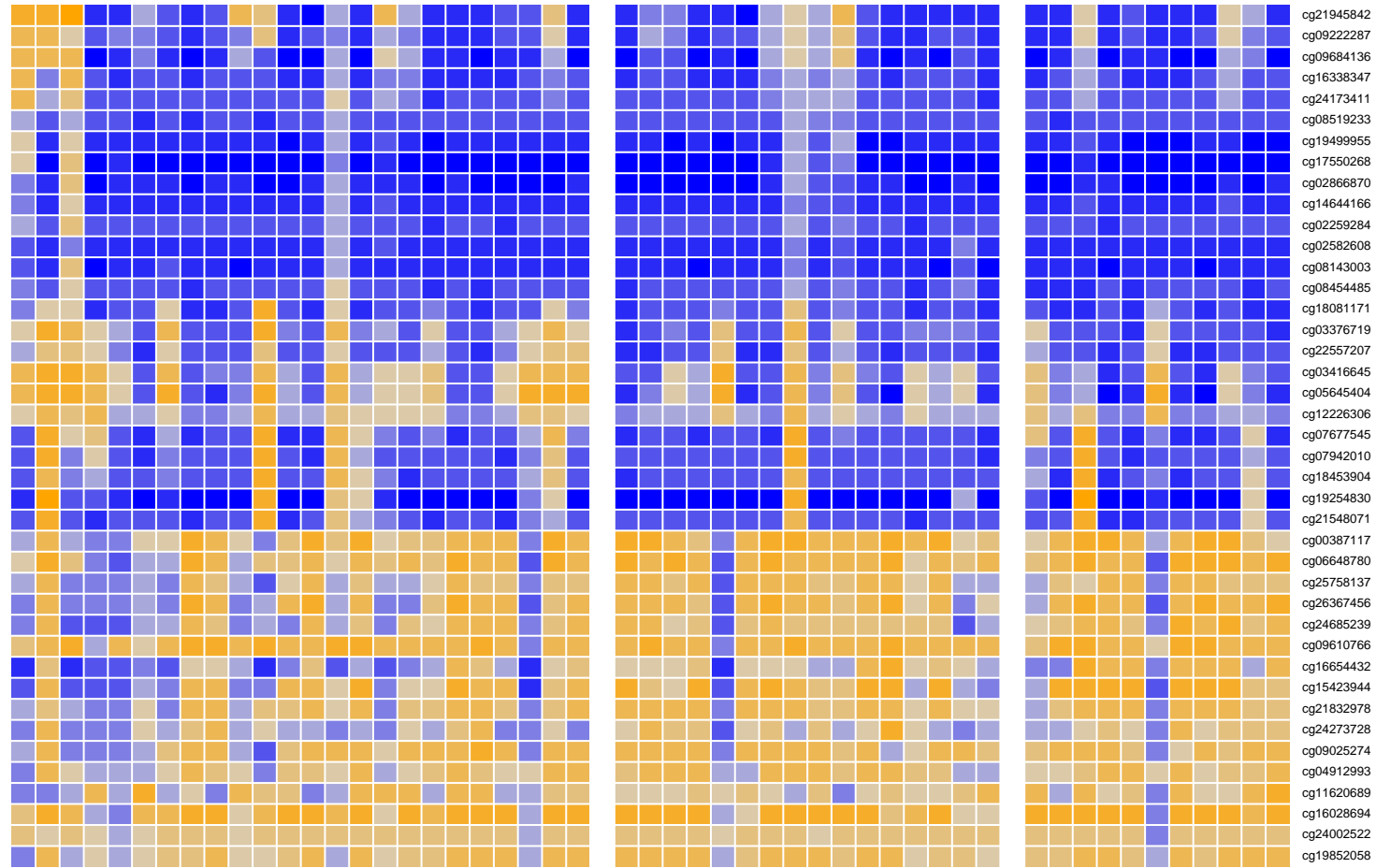
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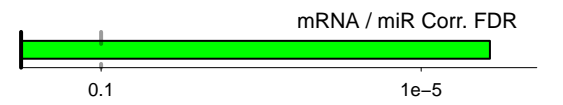
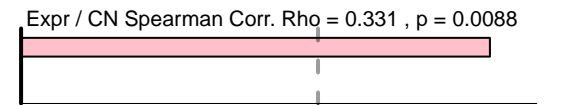
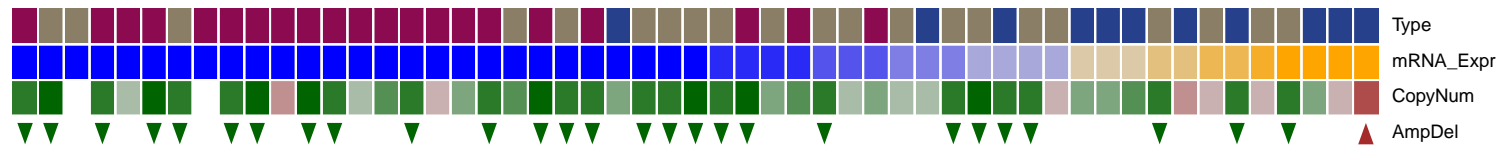
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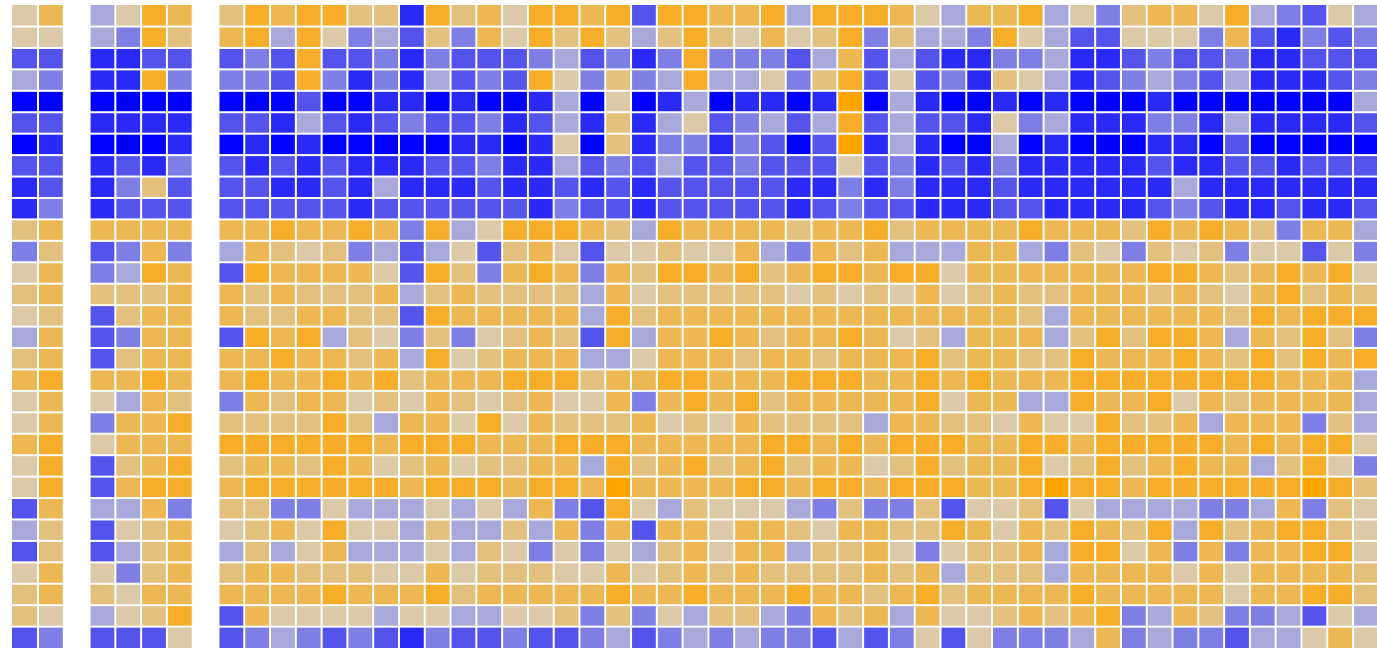
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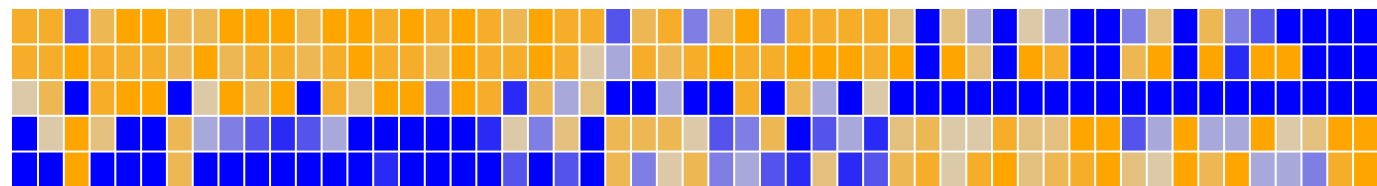
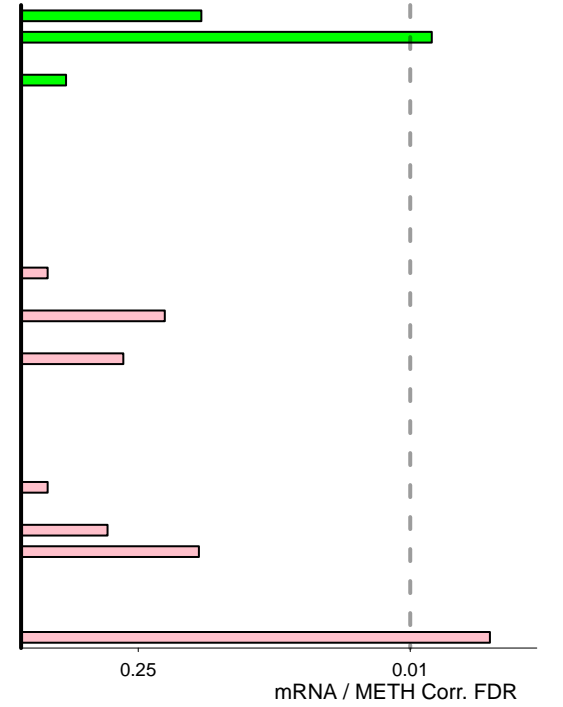


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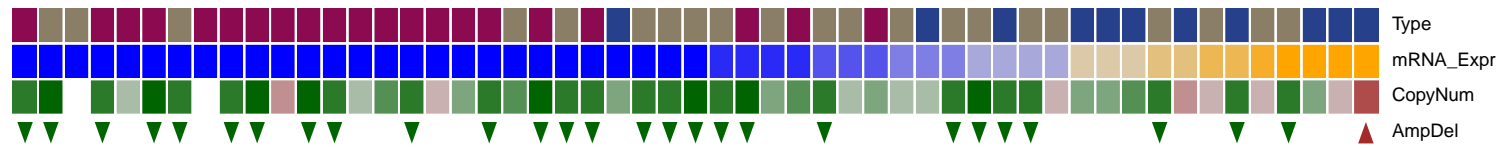
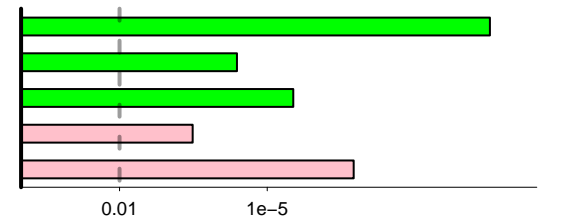
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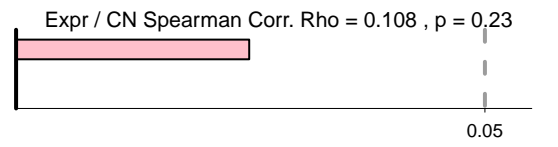
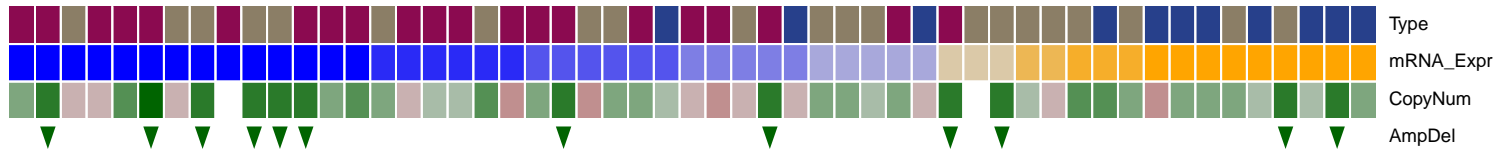
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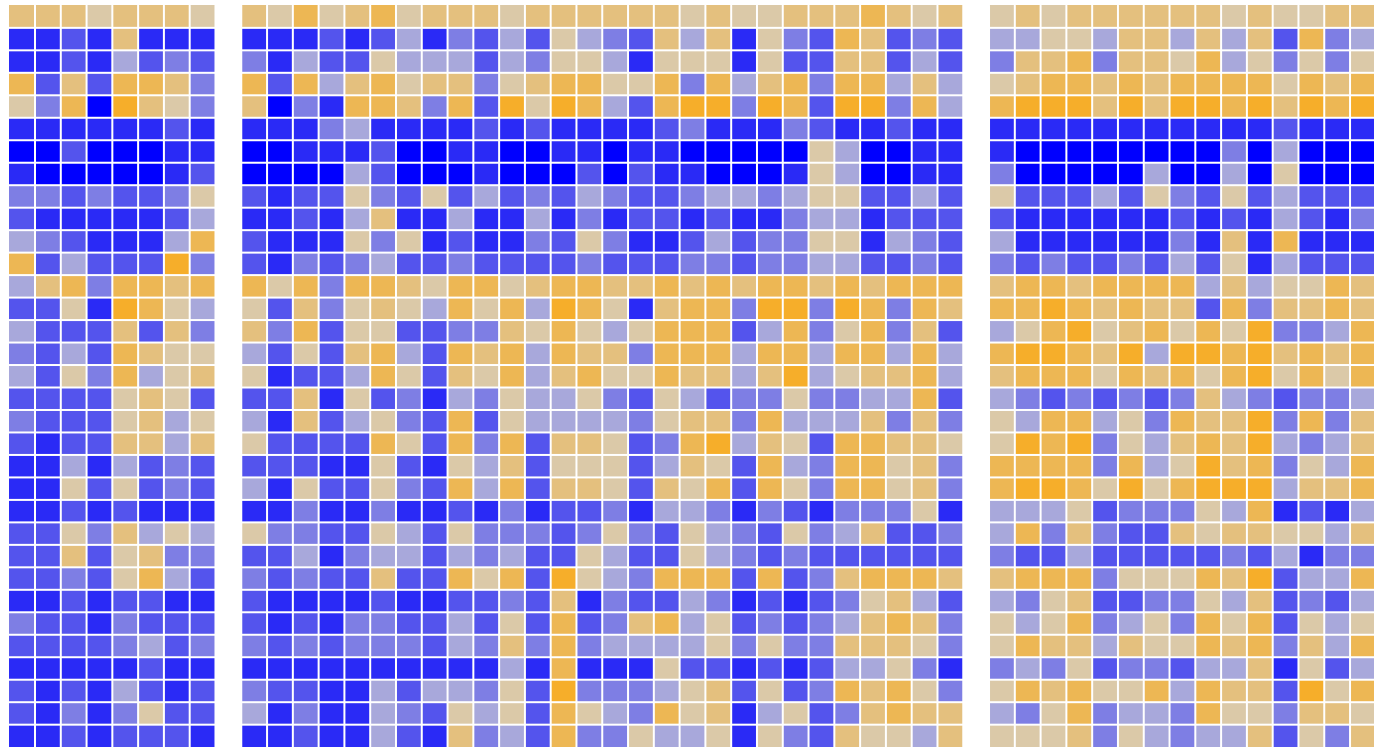
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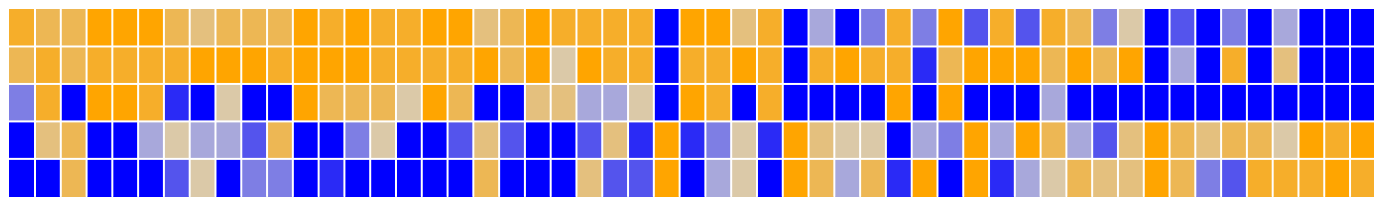
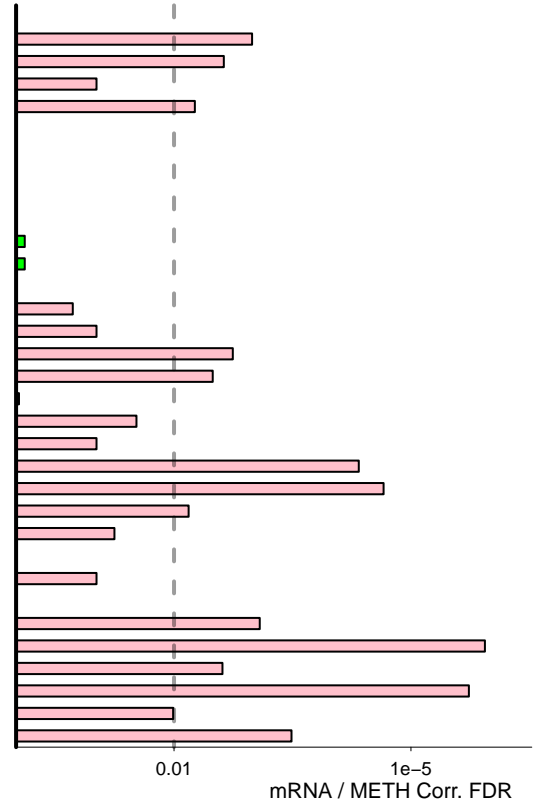


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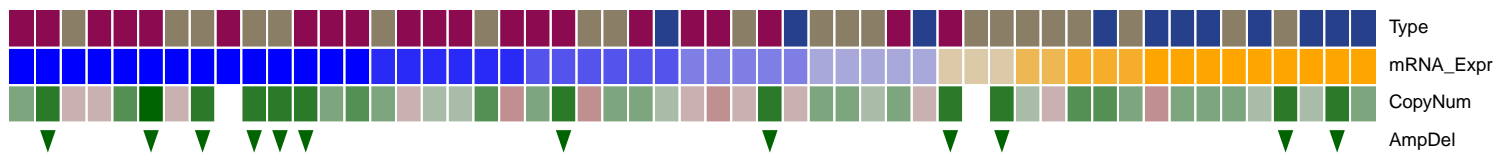
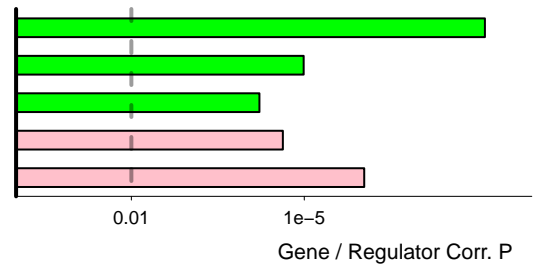
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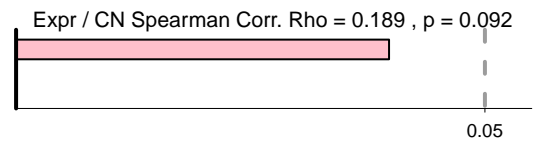
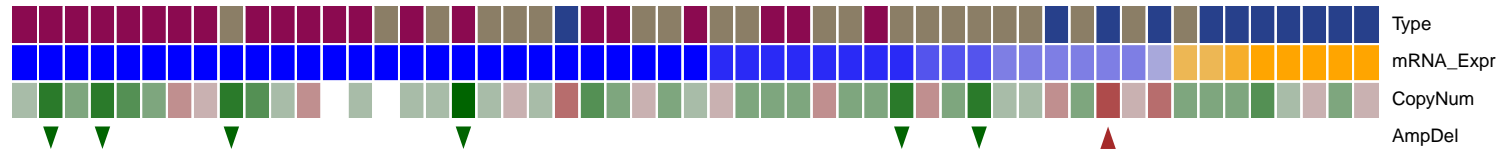


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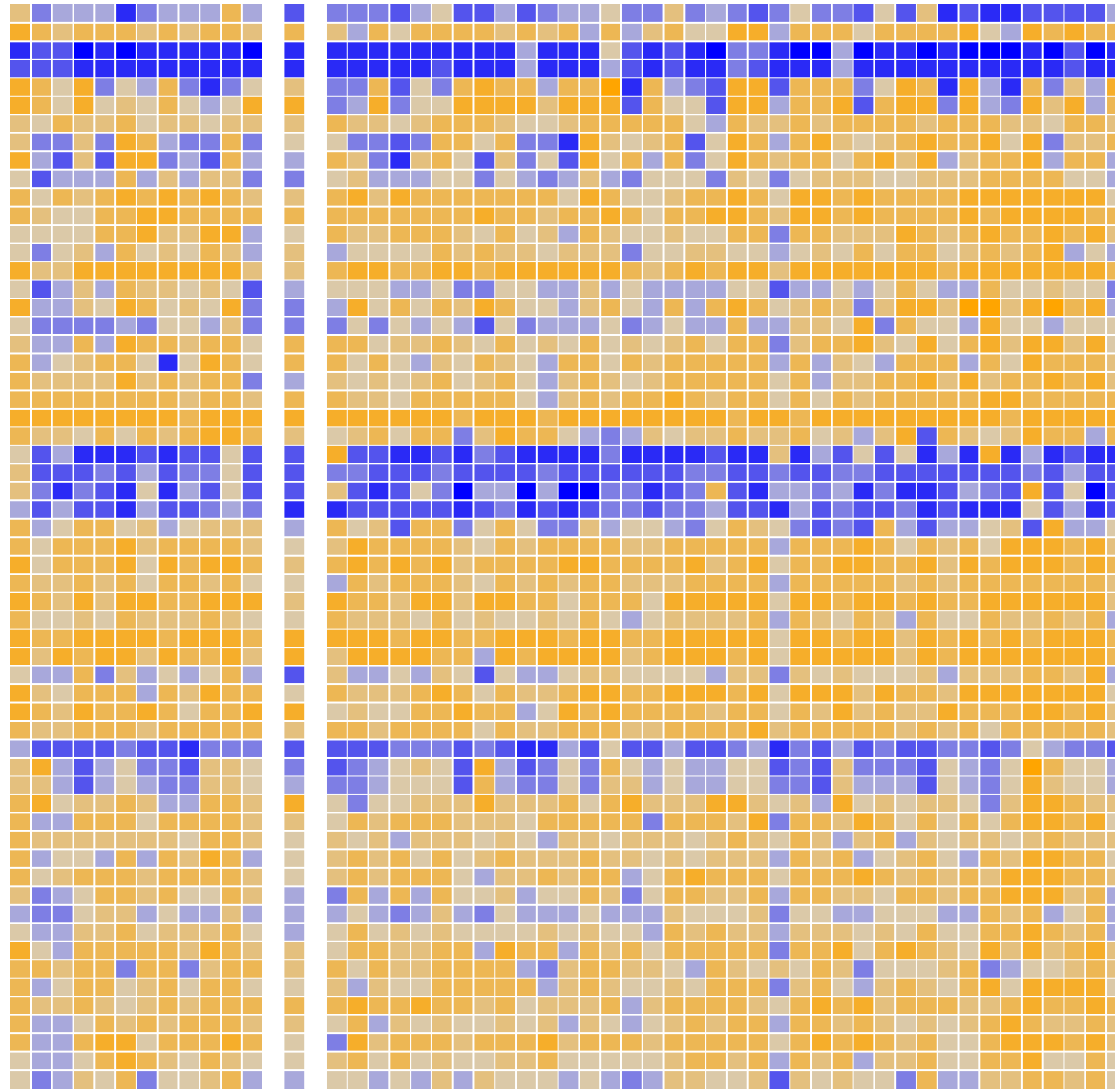
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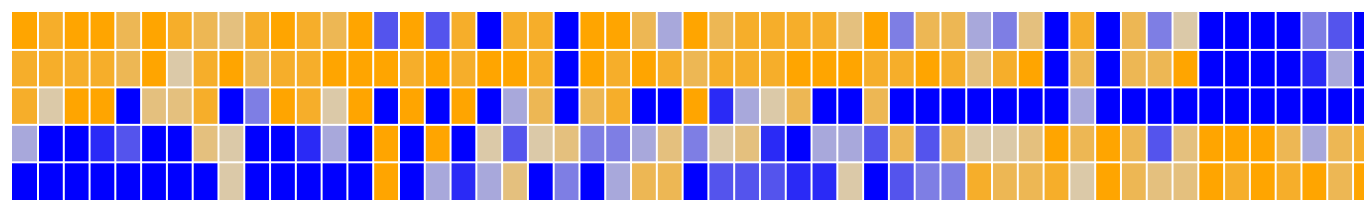
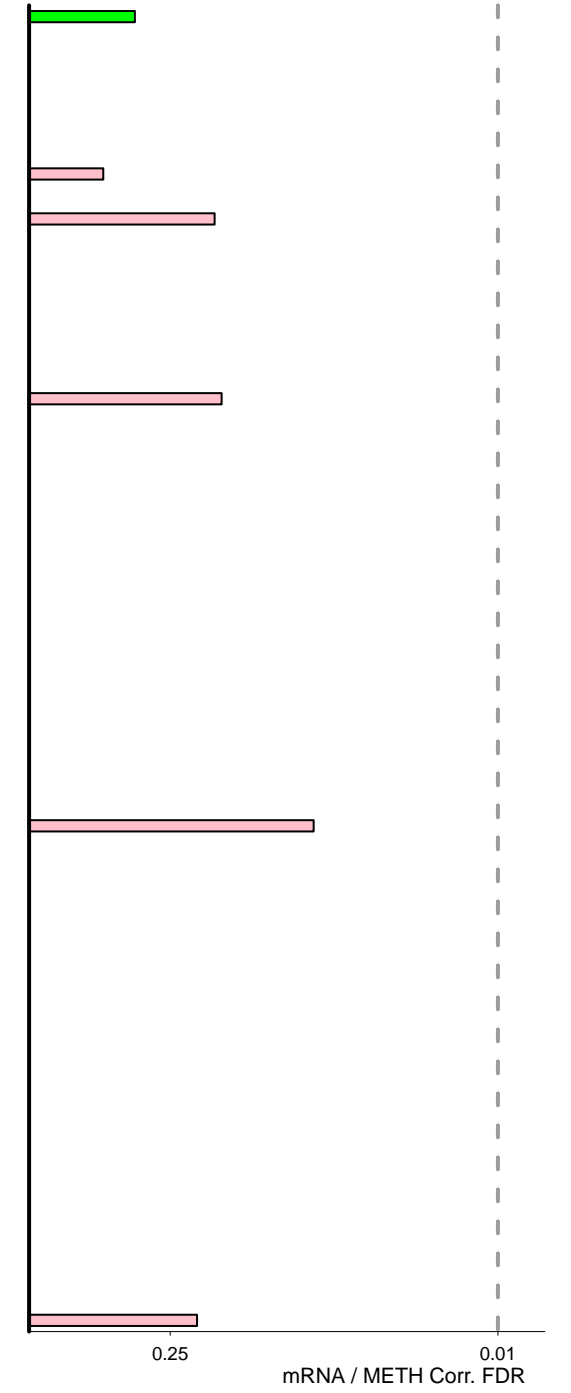


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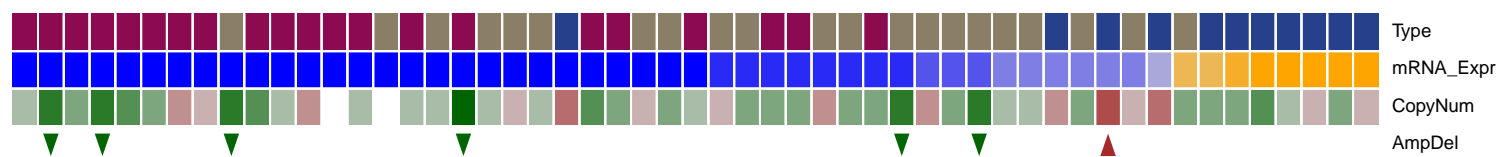
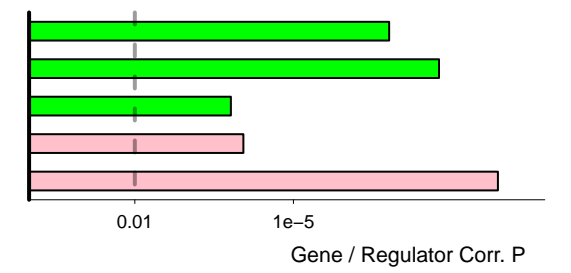
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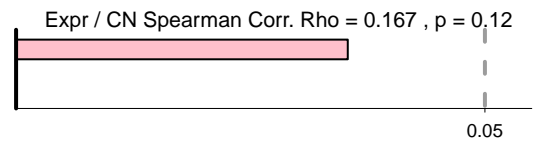
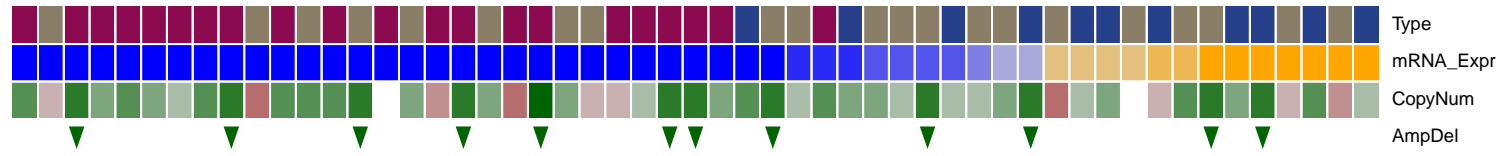
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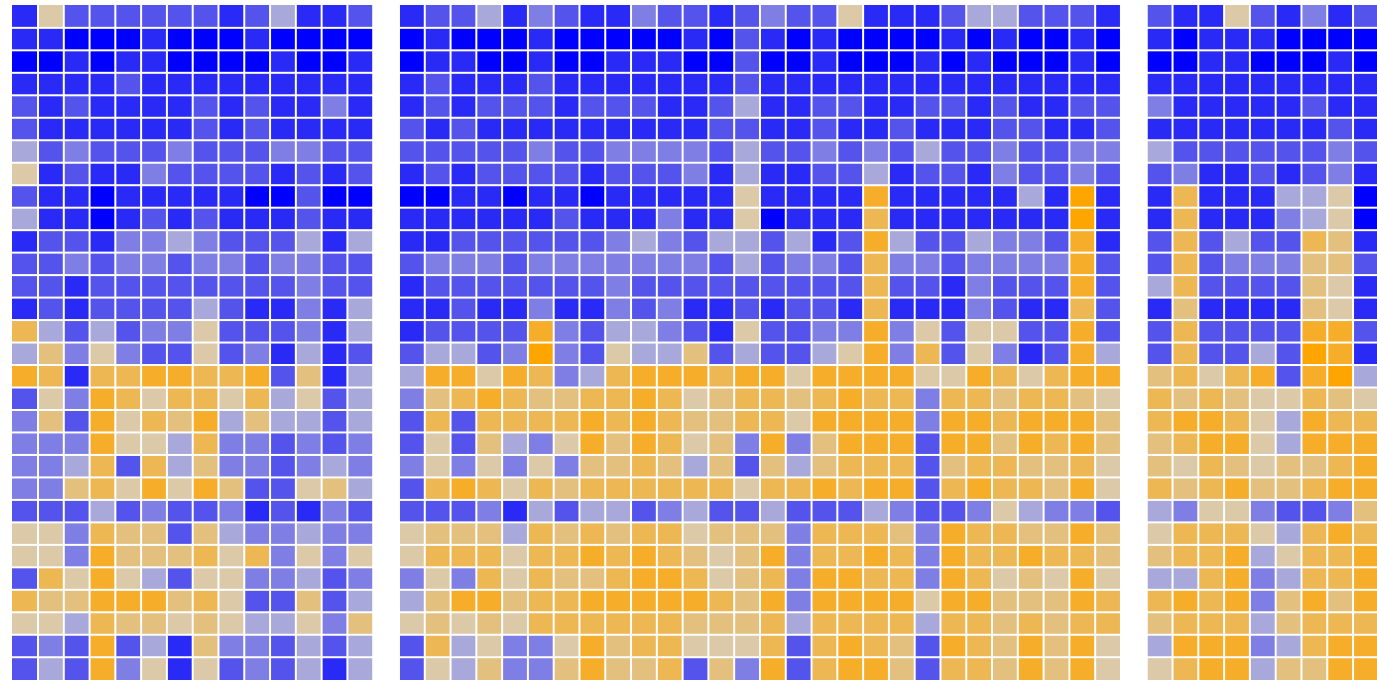
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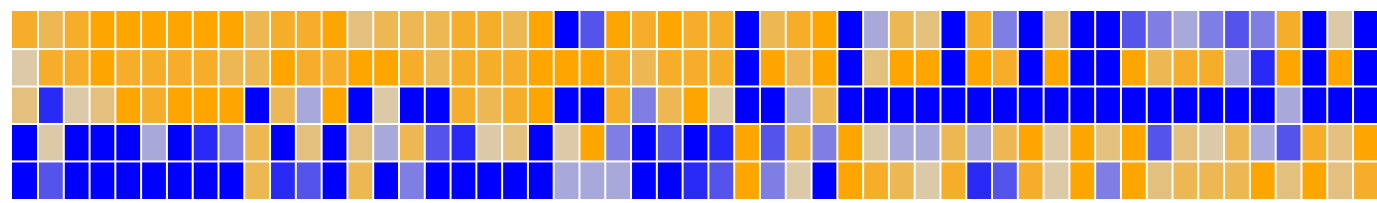
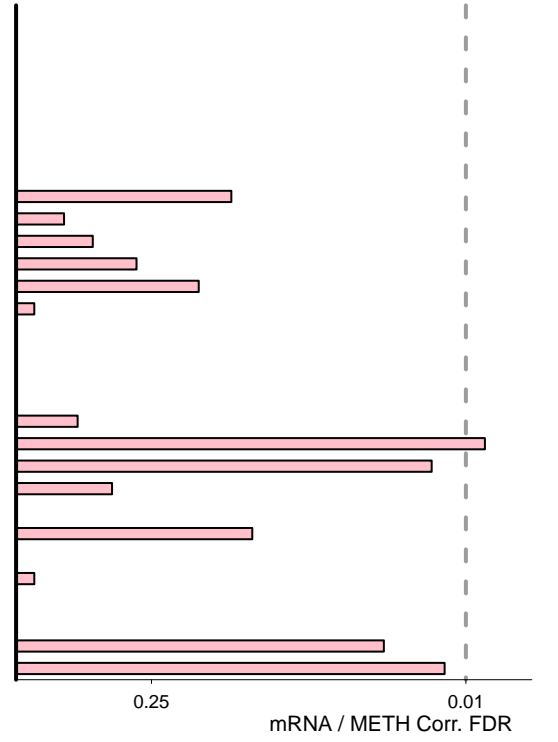


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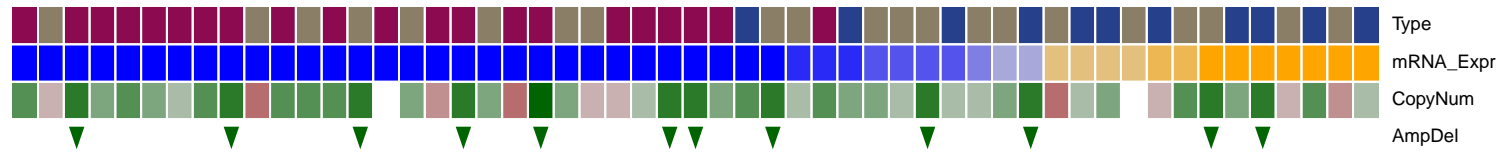
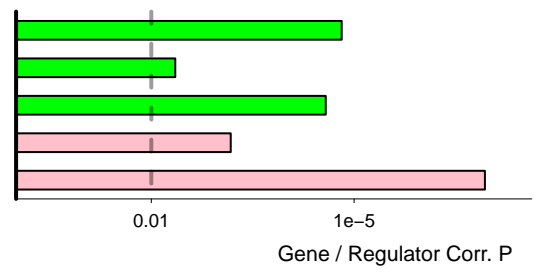
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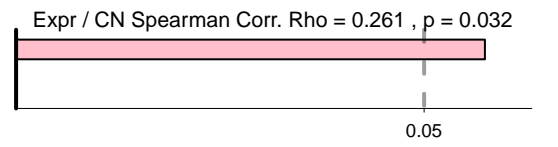
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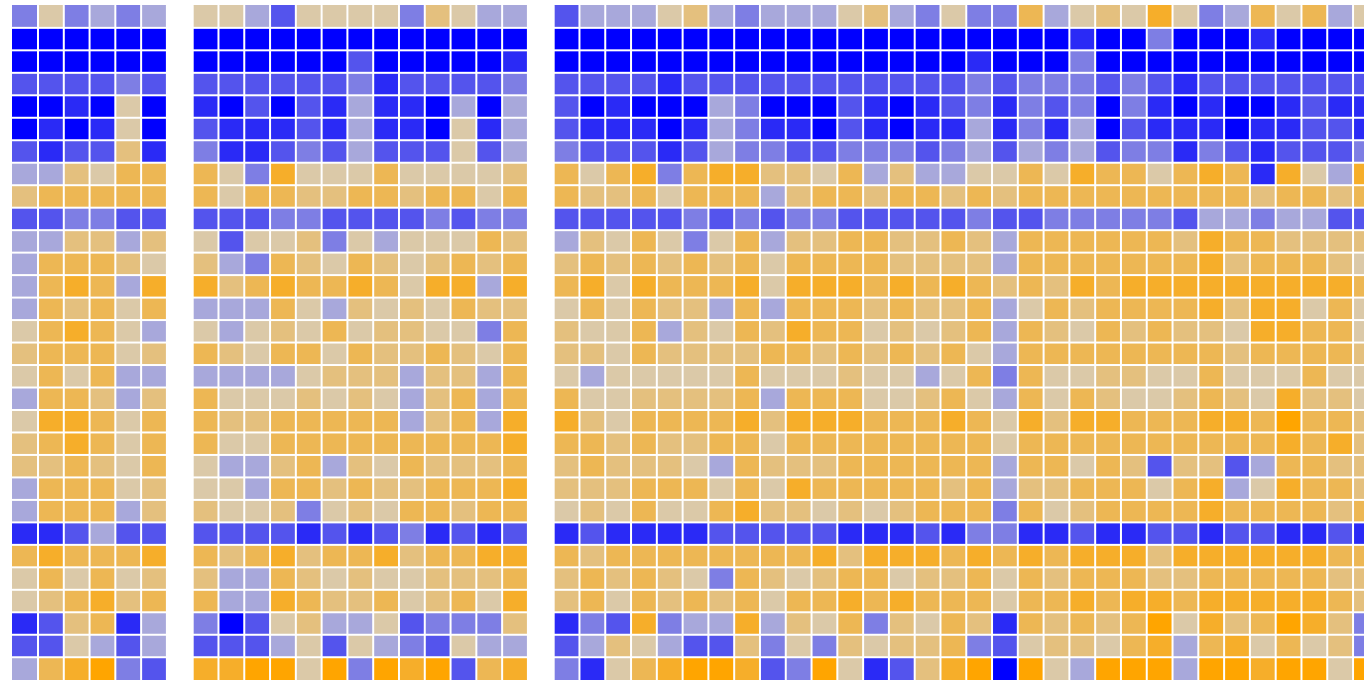
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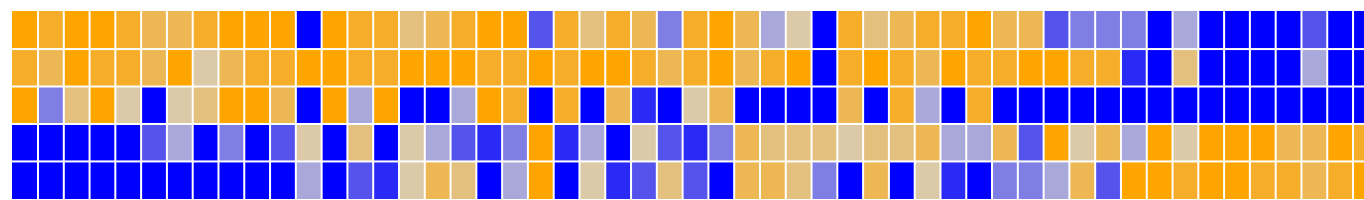
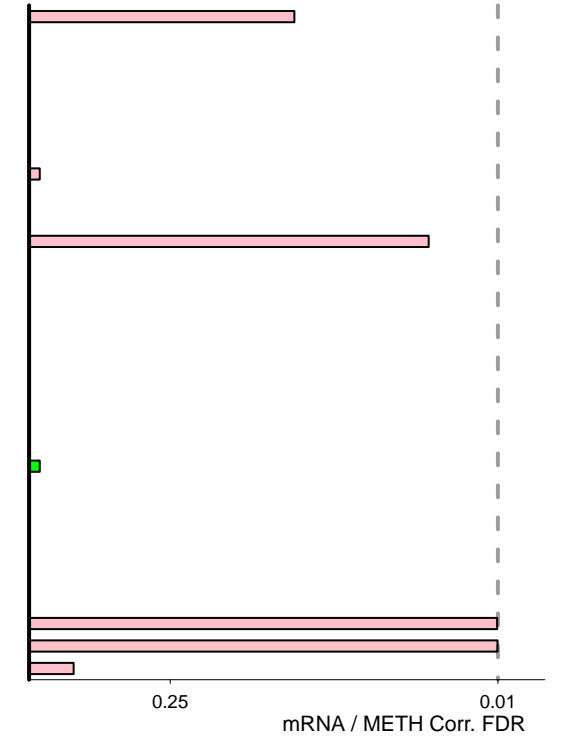


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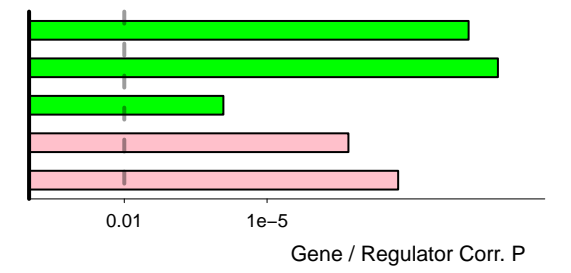
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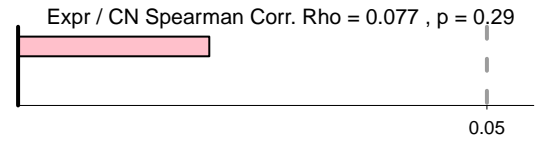
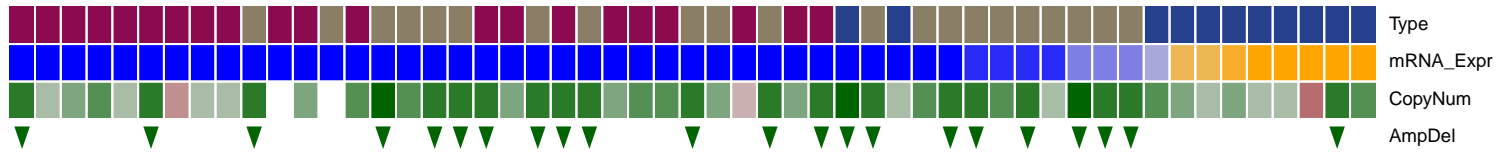
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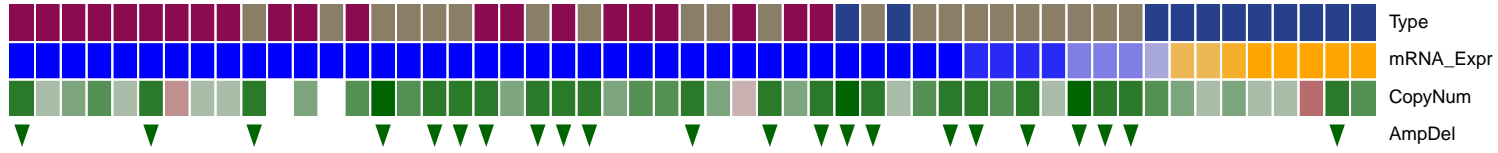
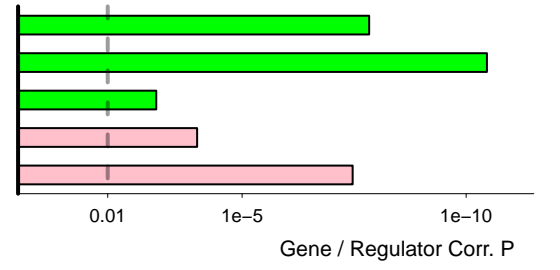
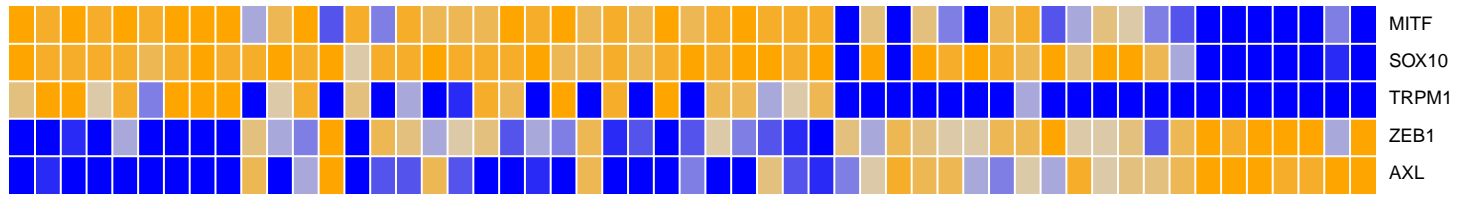
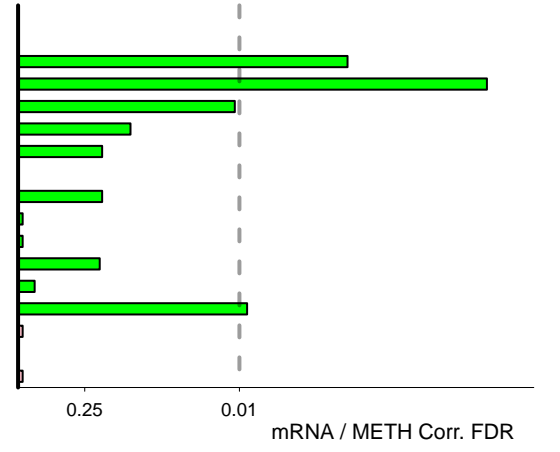
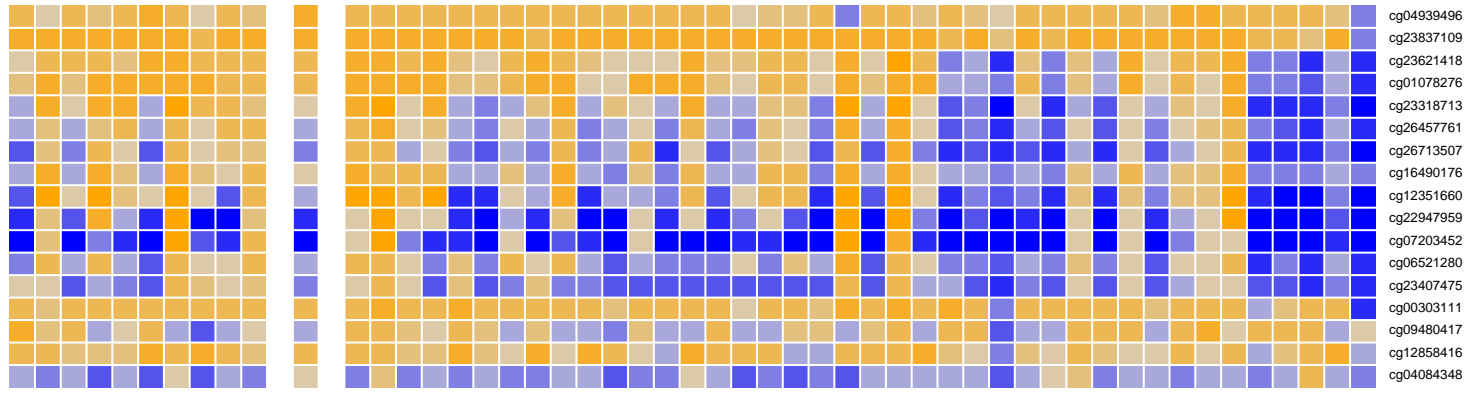


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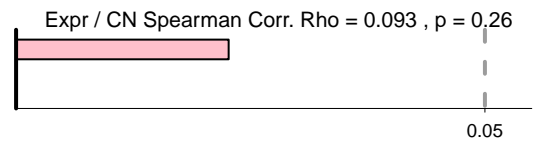
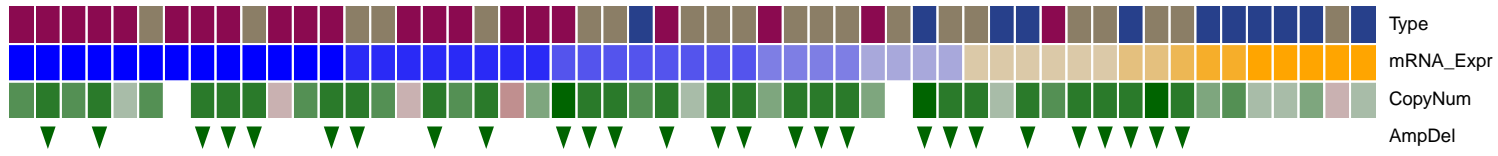
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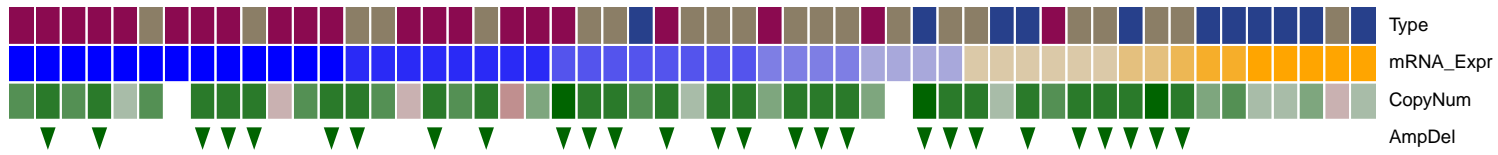
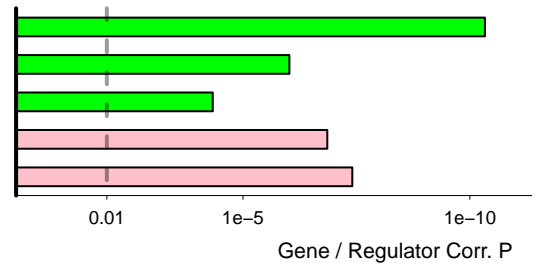
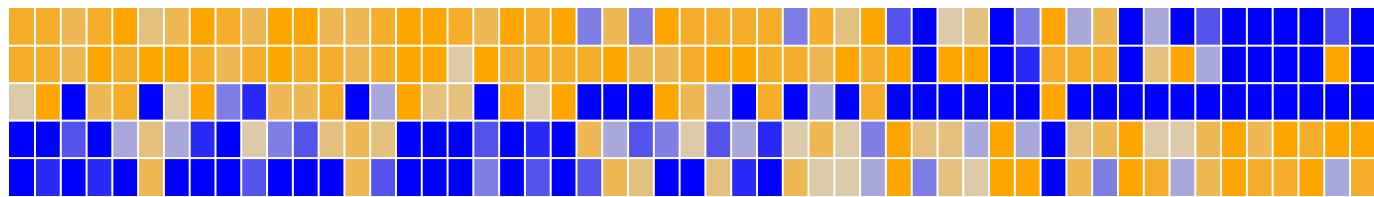
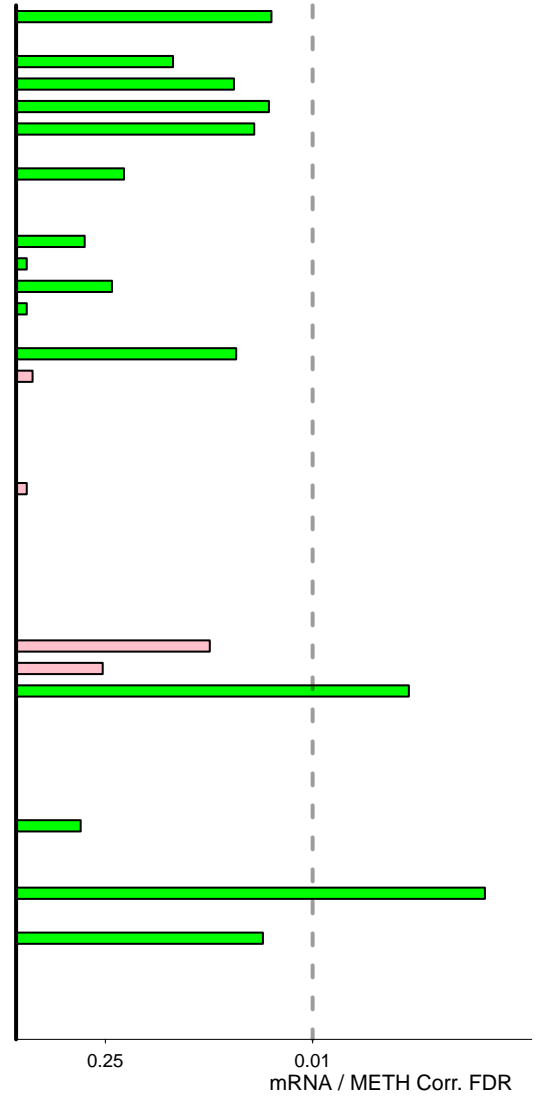
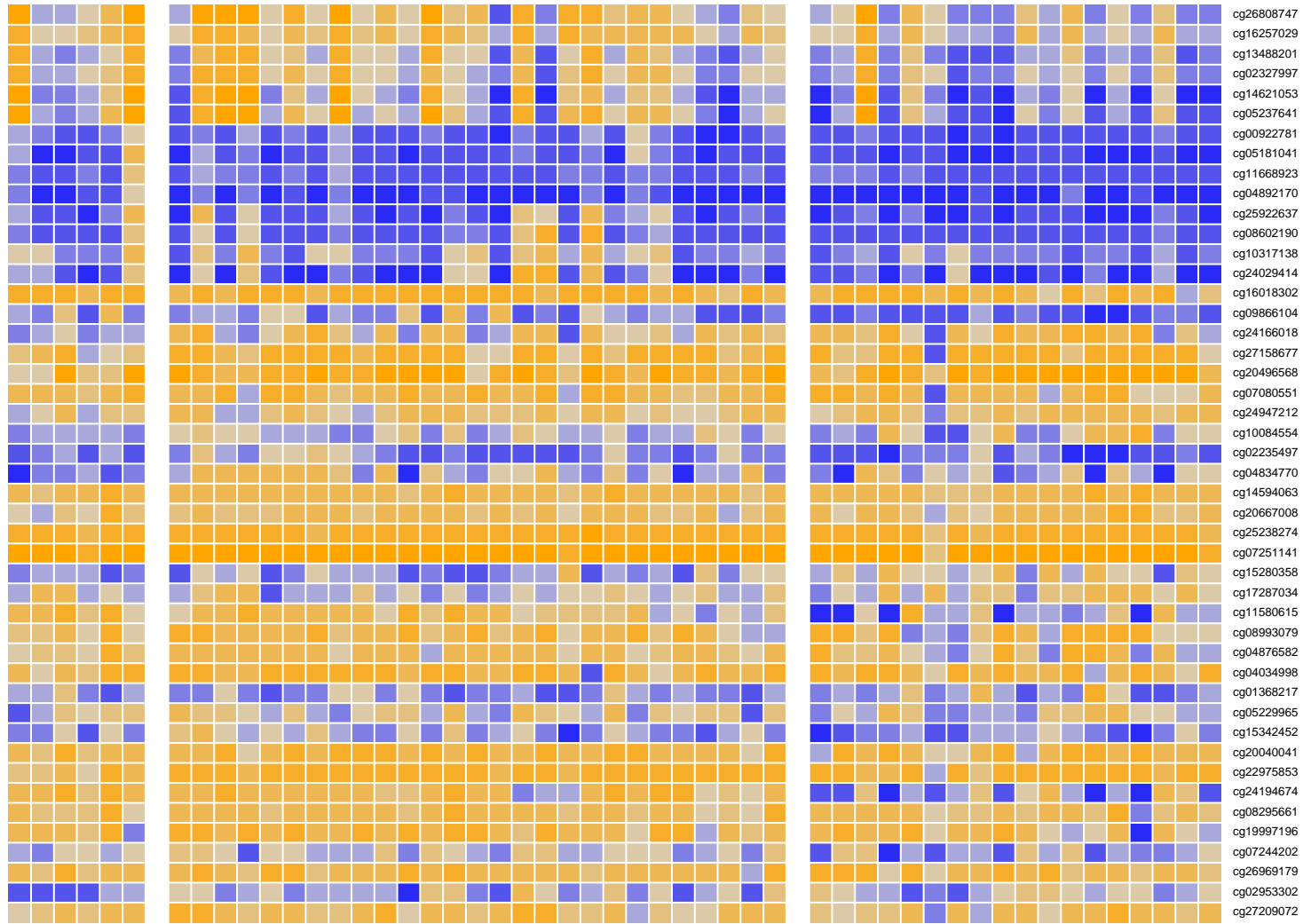
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# ADAM12



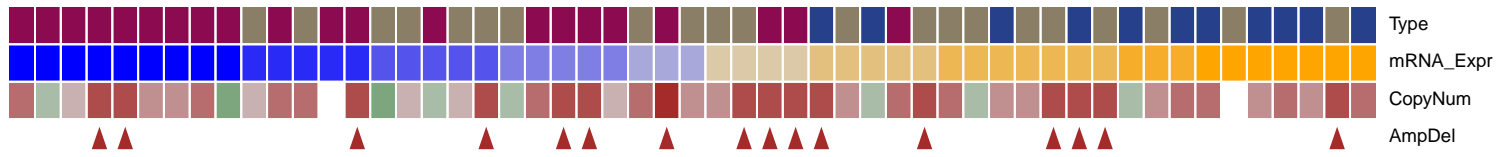
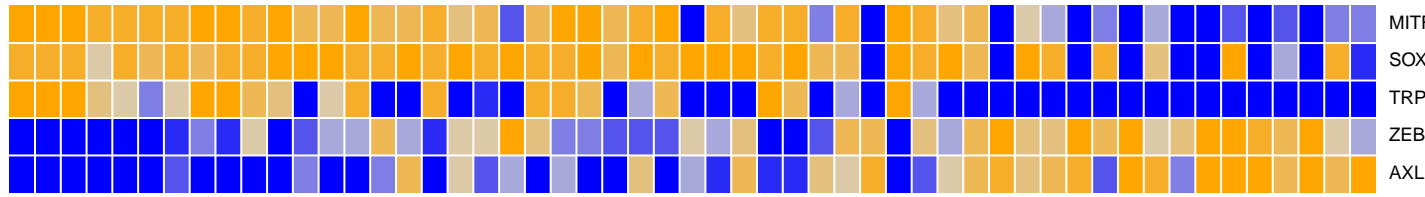
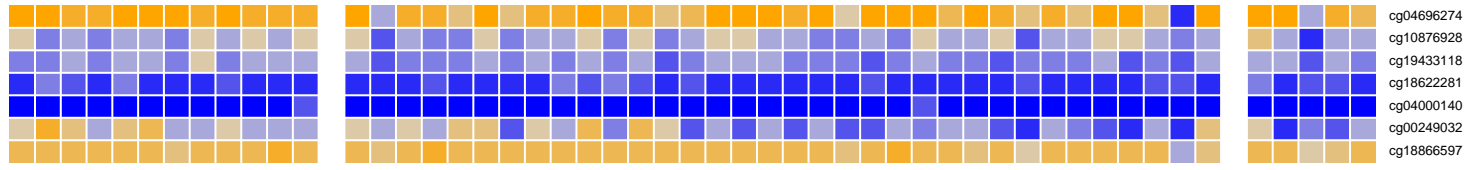
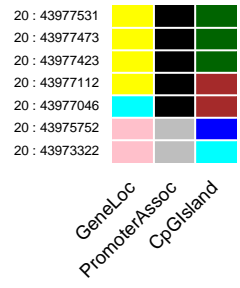
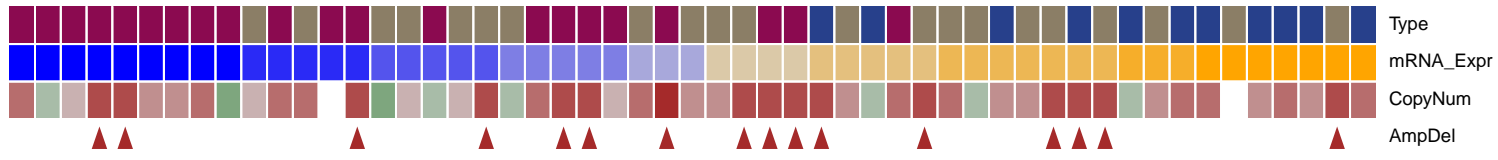
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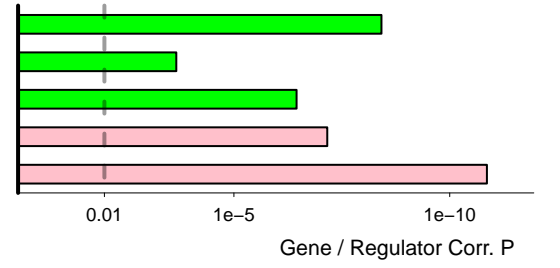
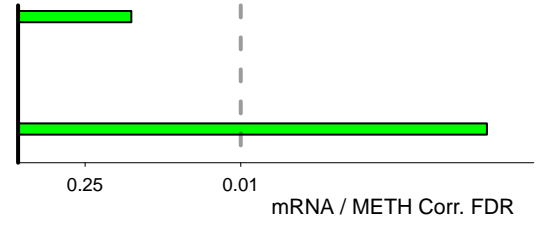
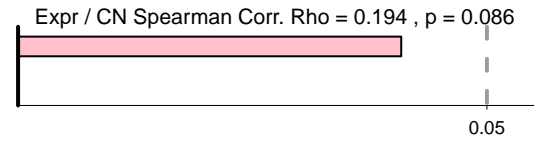


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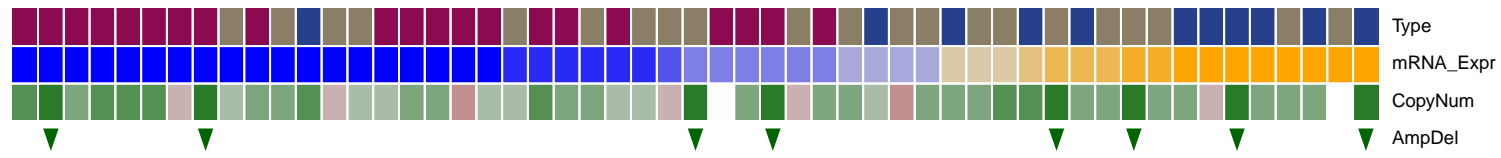
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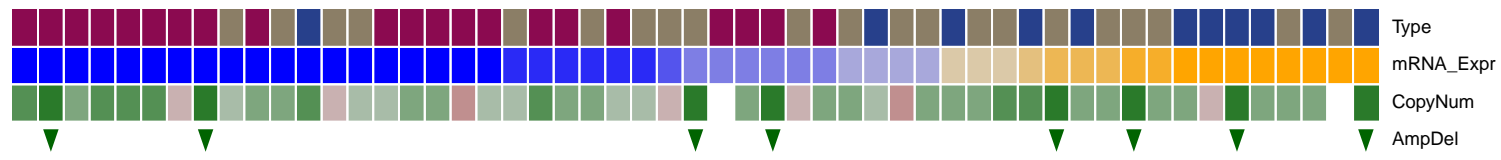
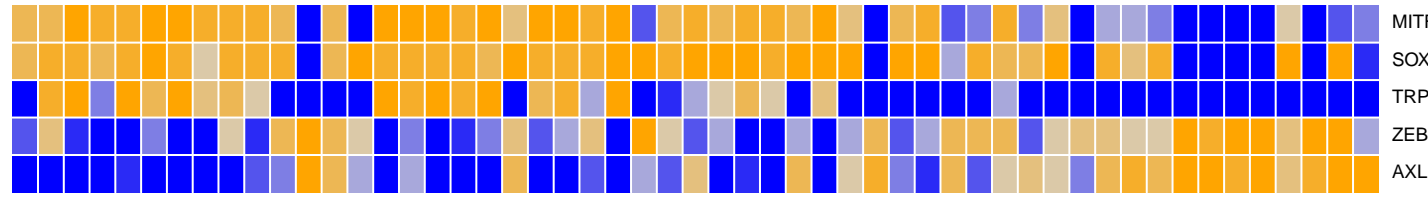
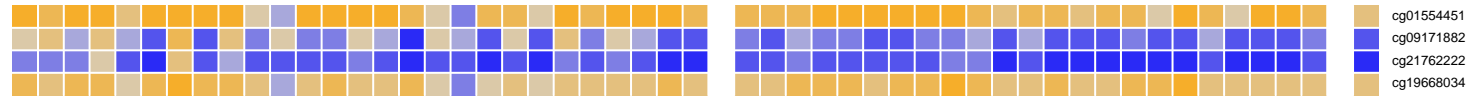


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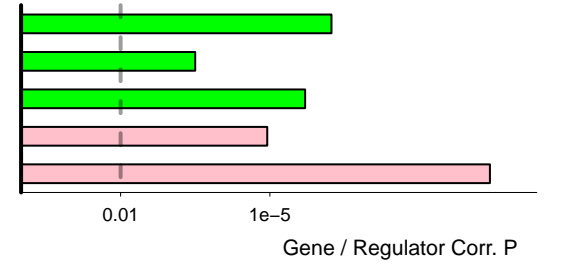
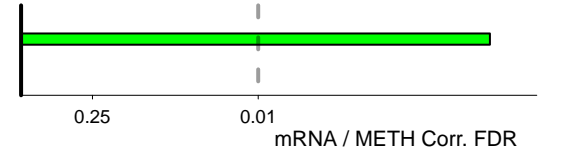
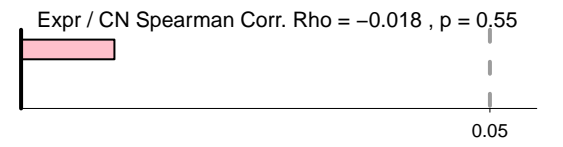


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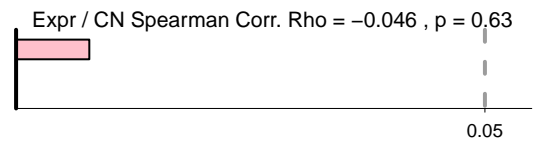
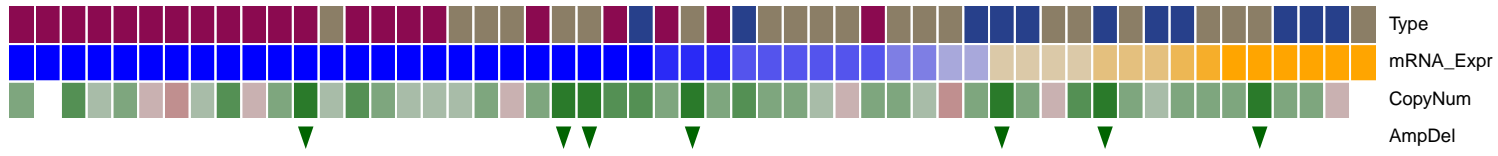
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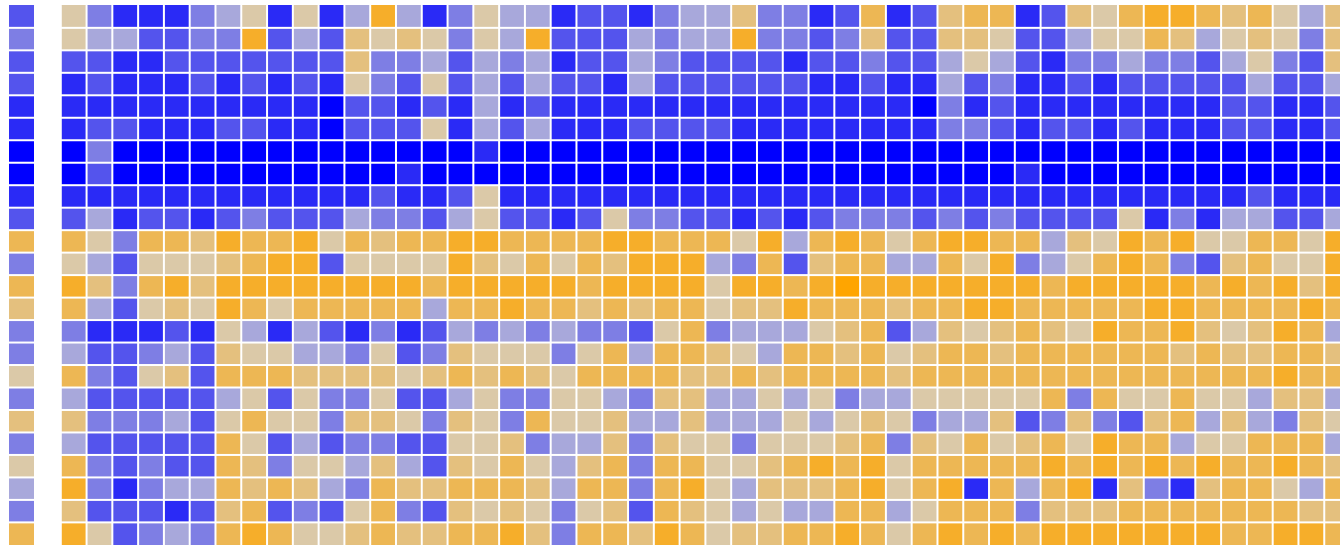


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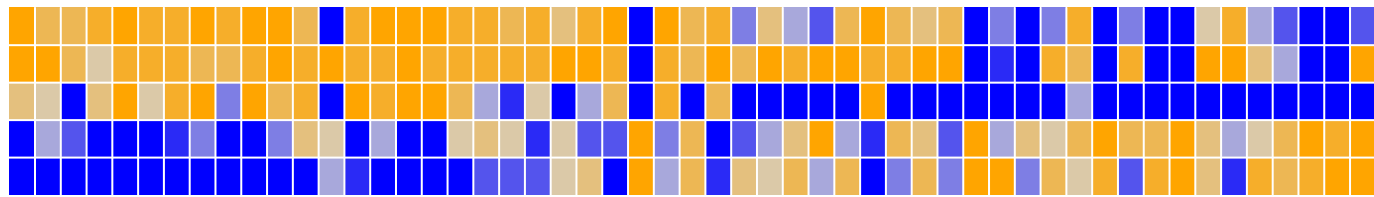
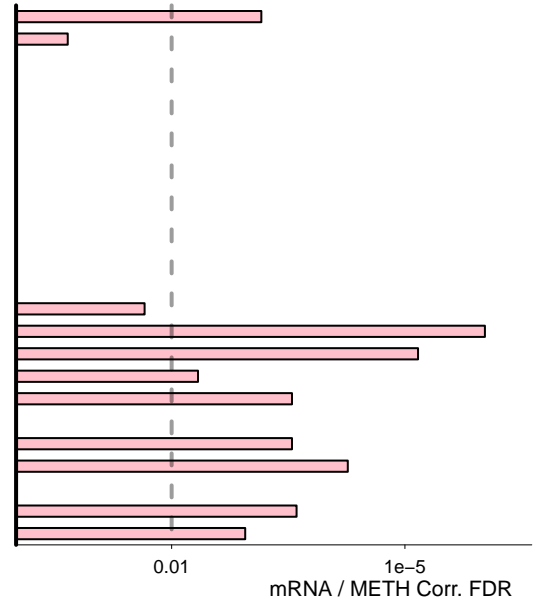


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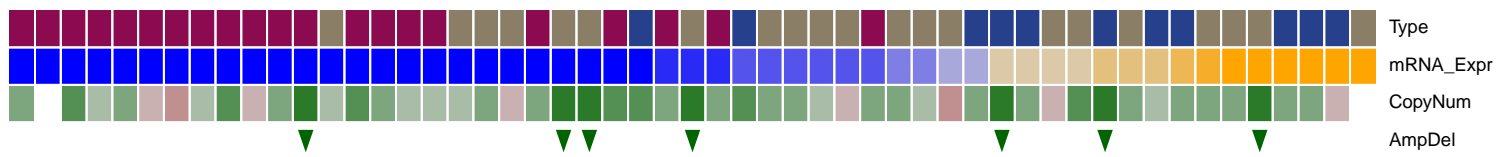
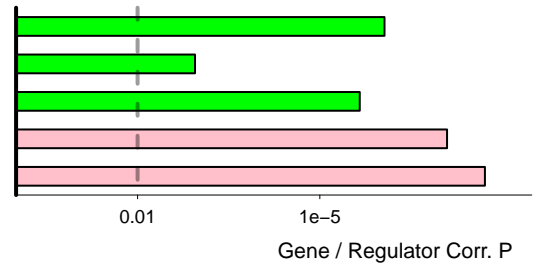
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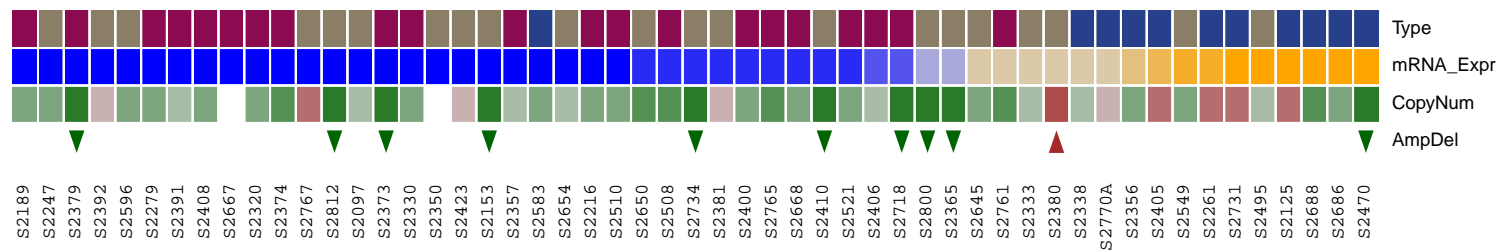
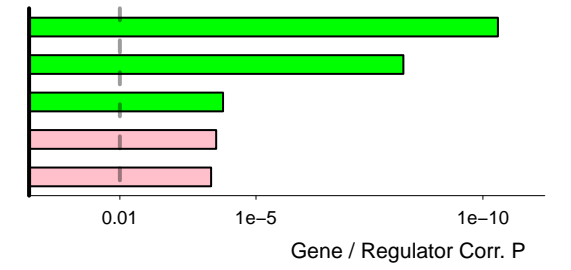
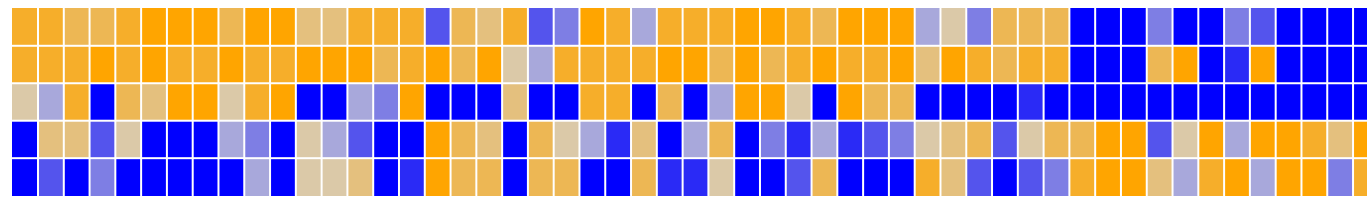
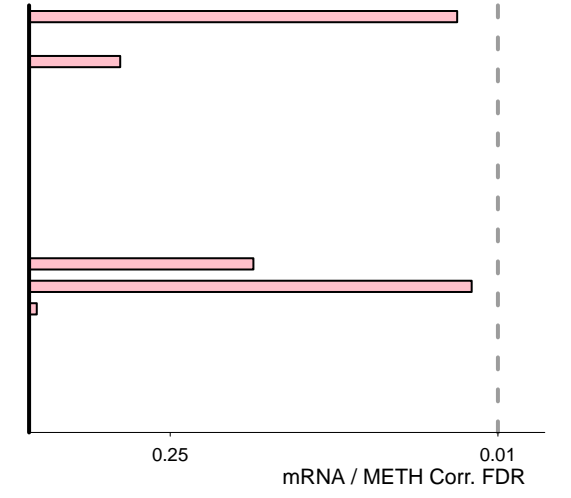
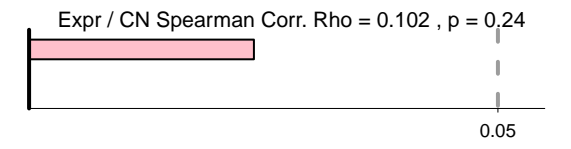
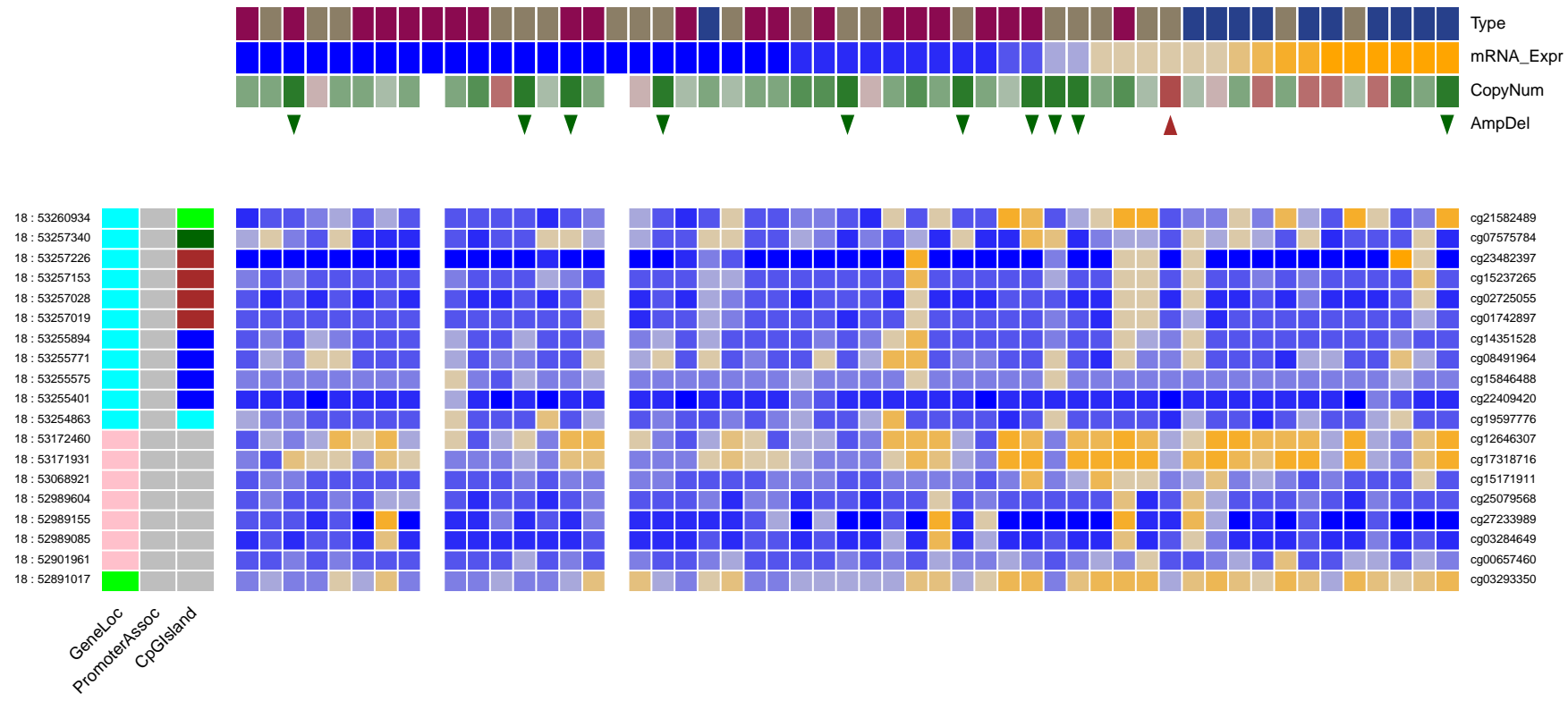


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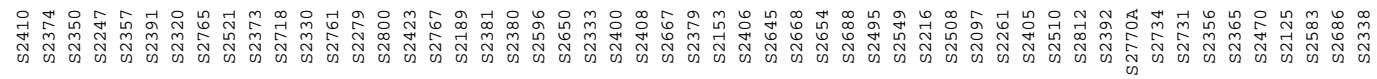
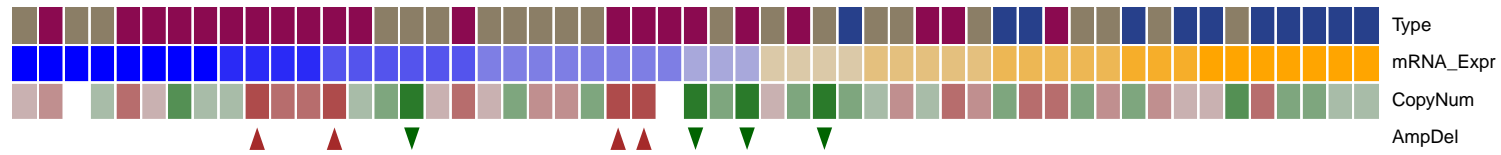
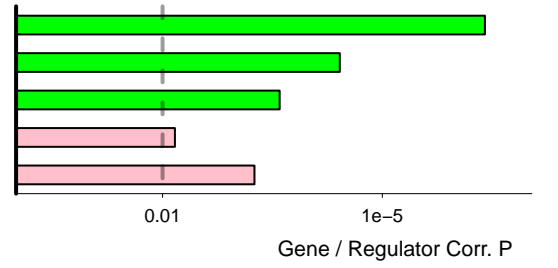
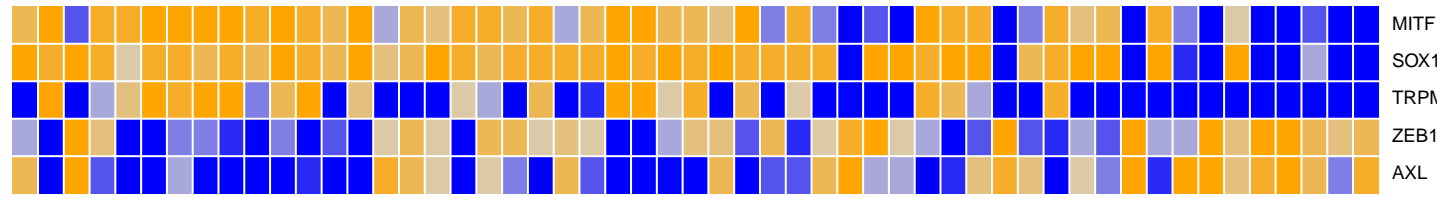
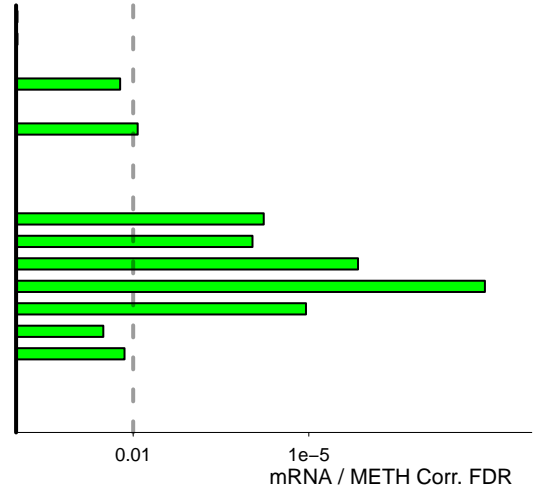
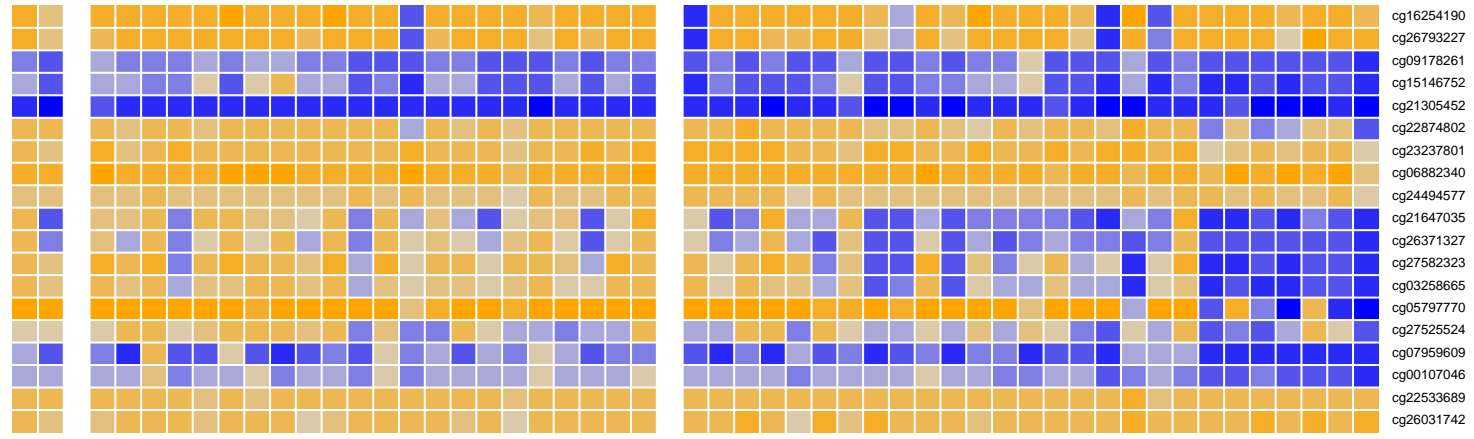
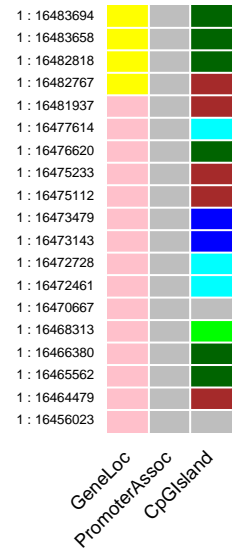
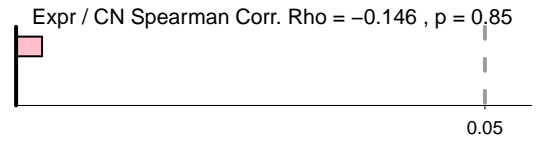
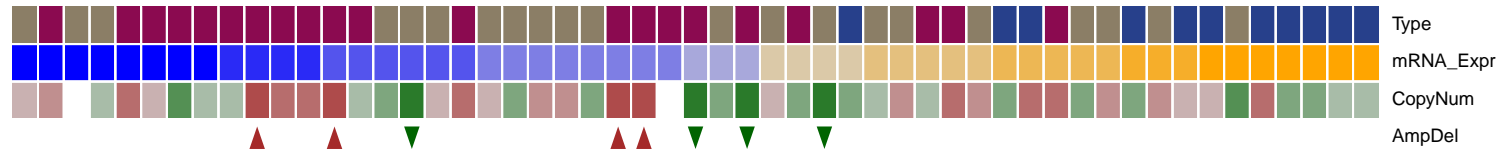


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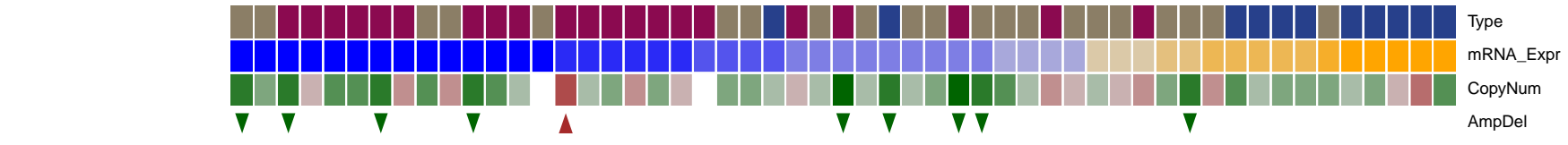
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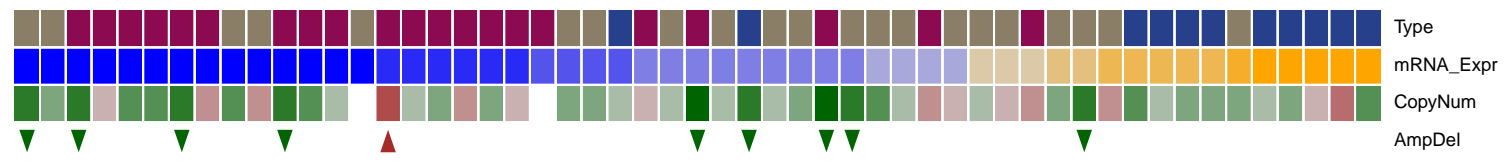
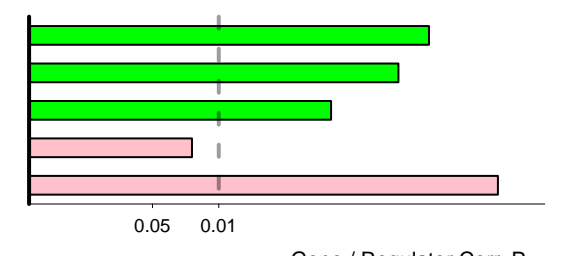
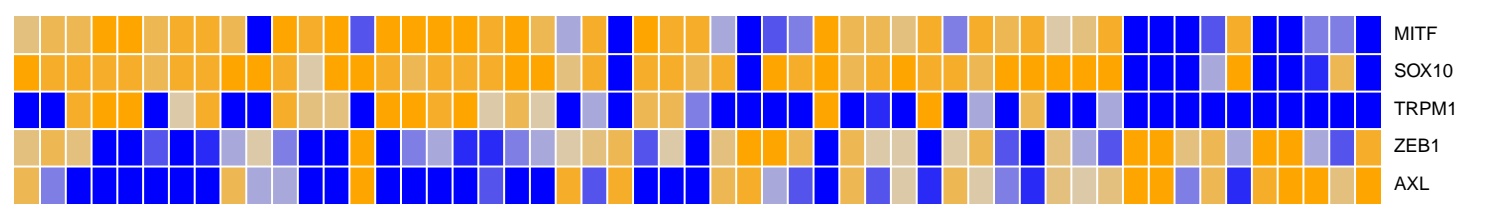
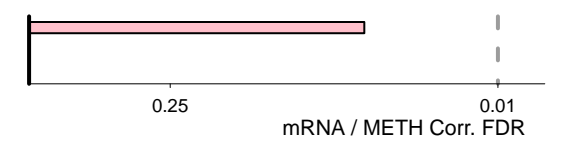
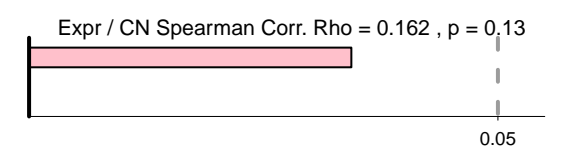


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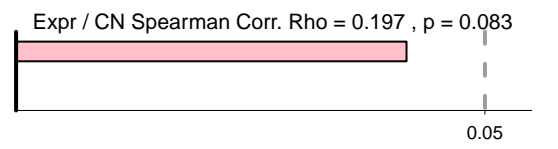
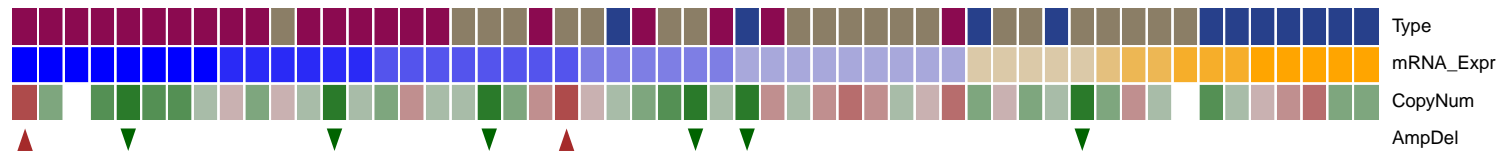
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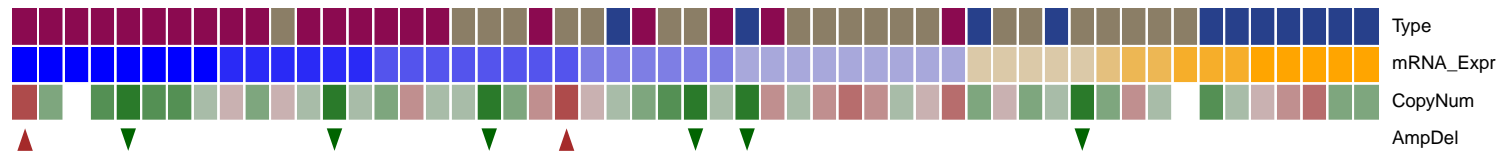
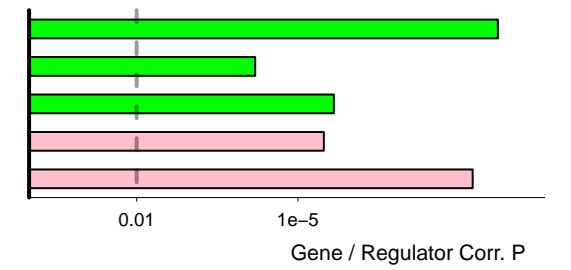
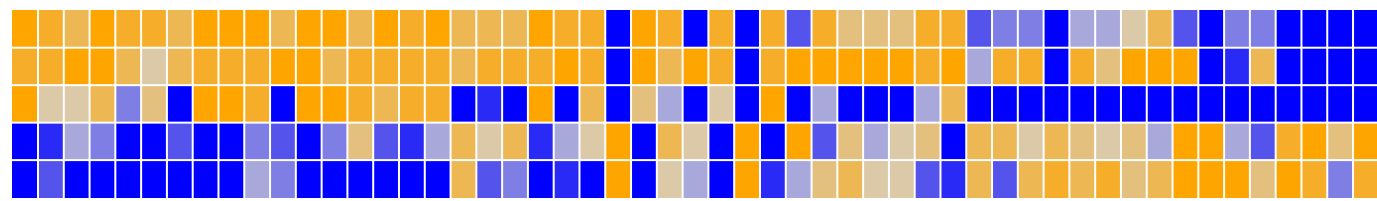
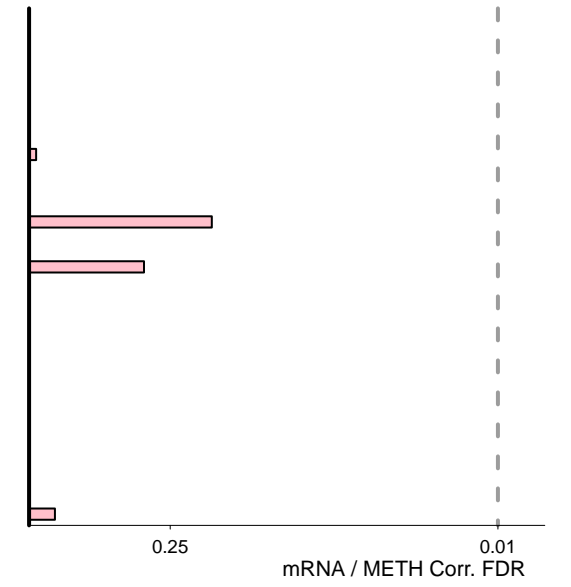
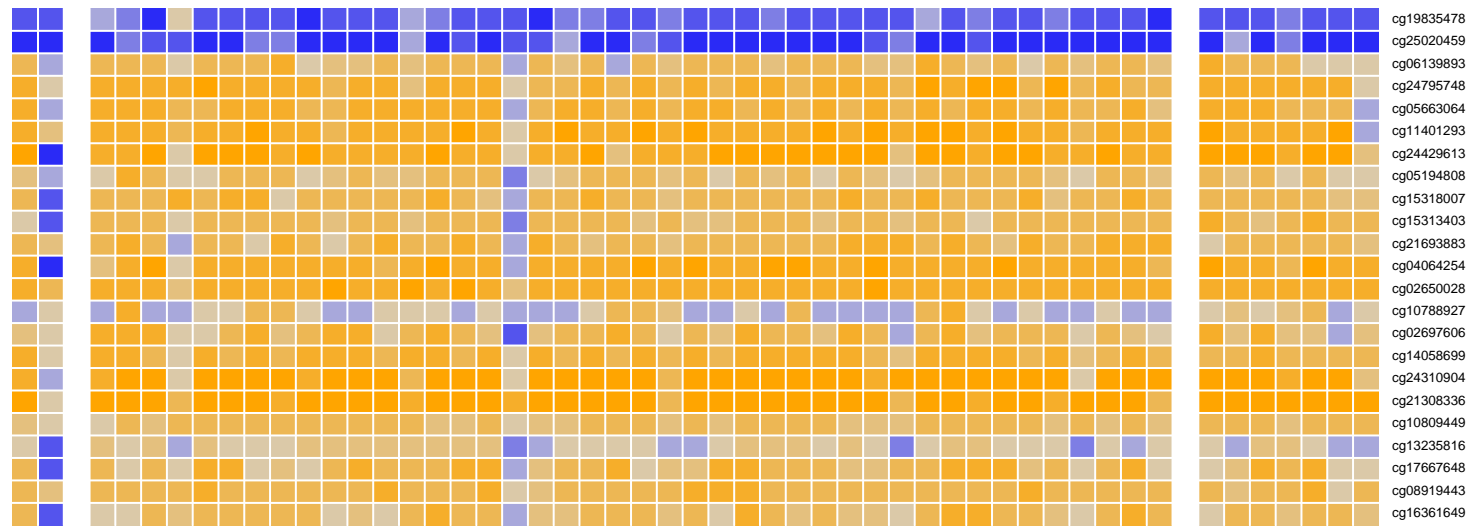


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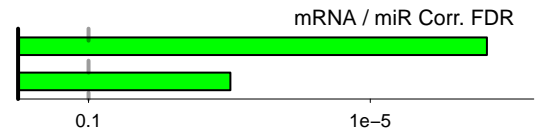
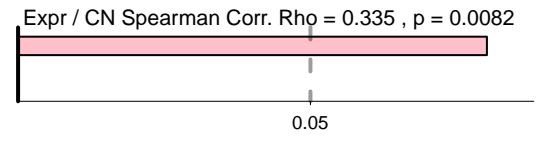
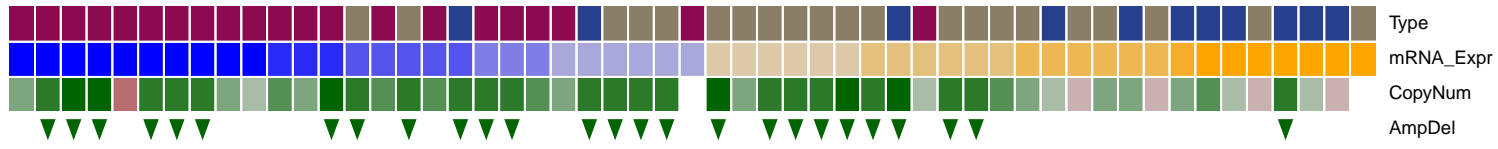
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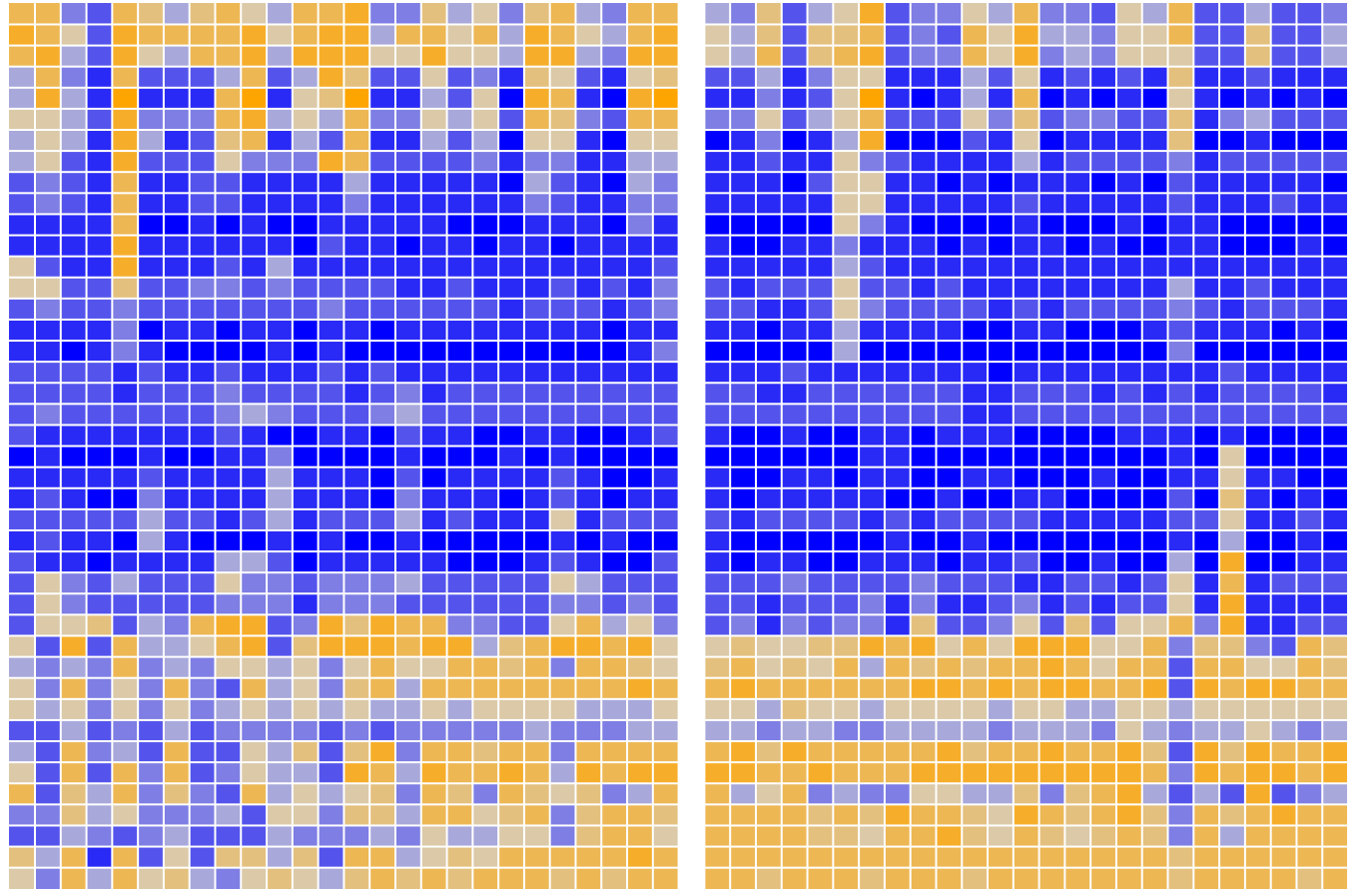
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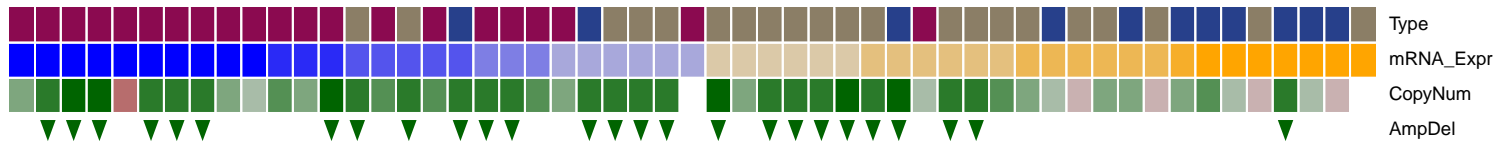
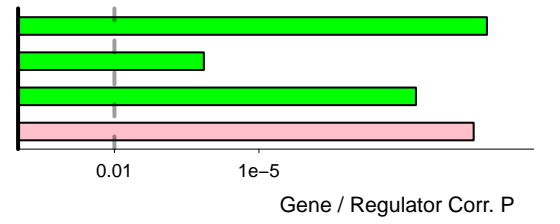
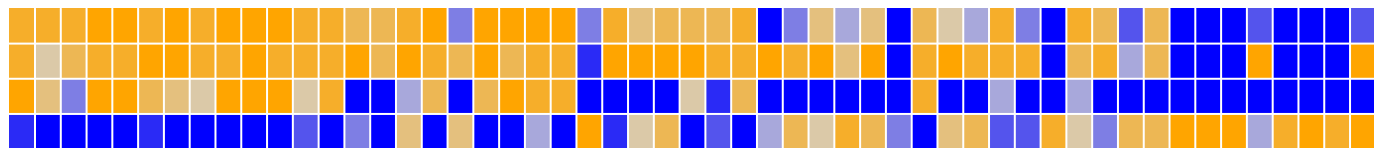
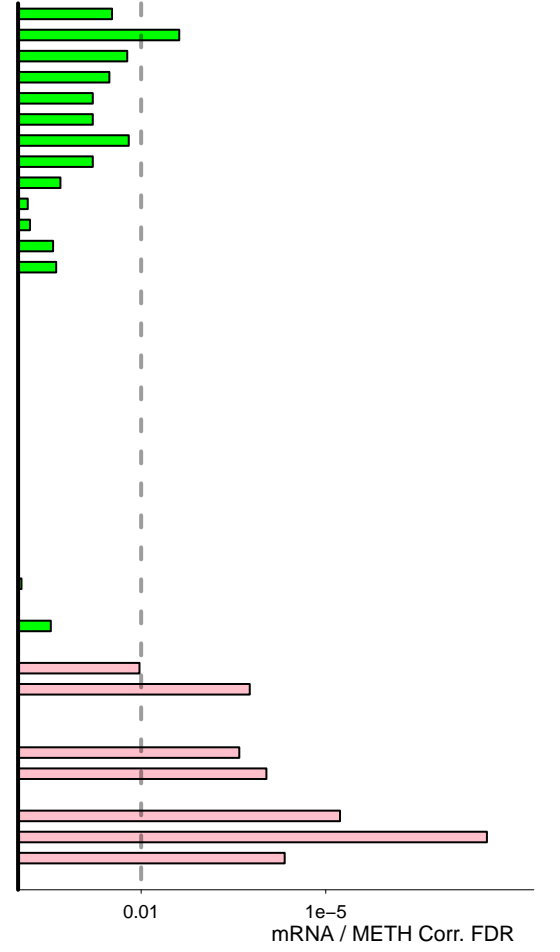


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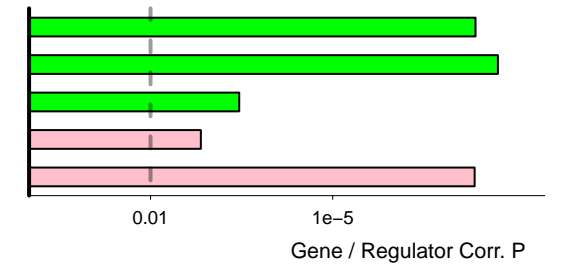
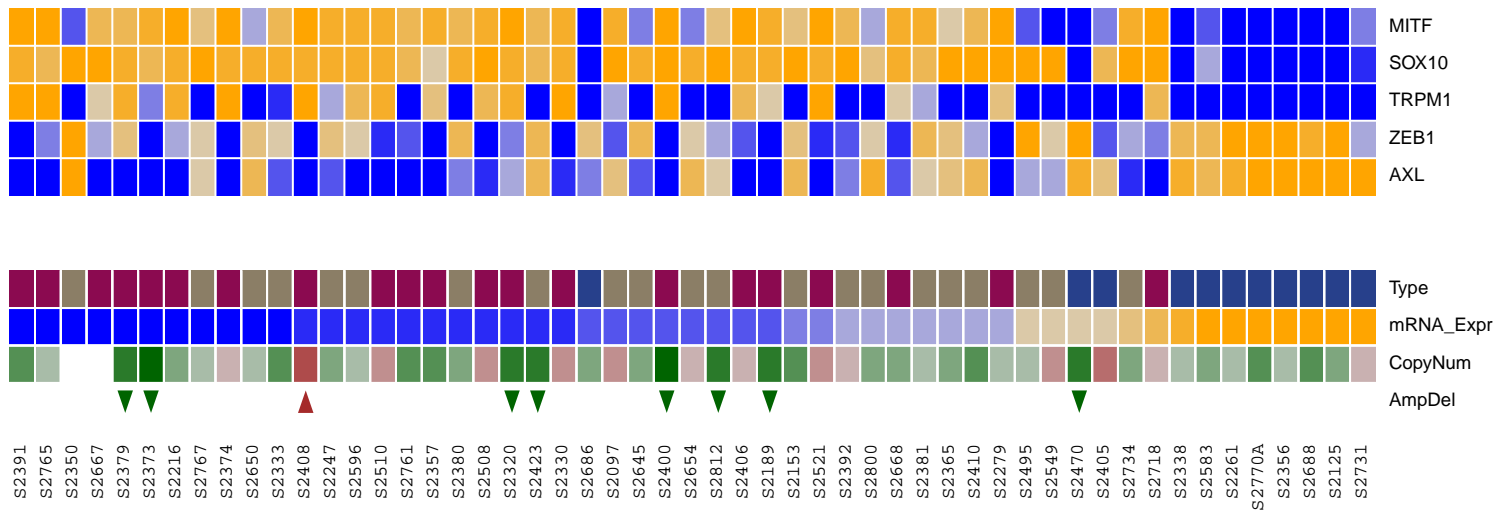
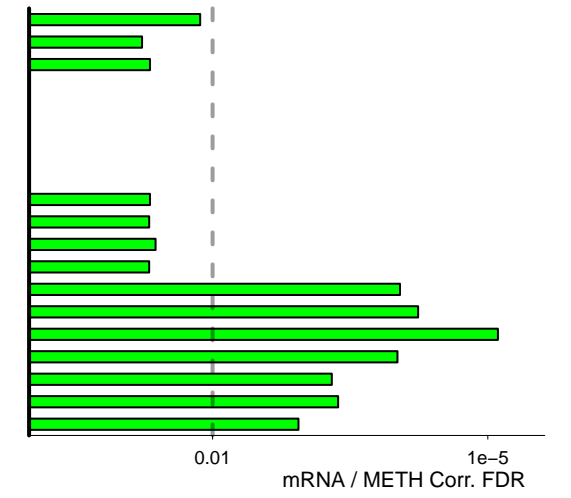
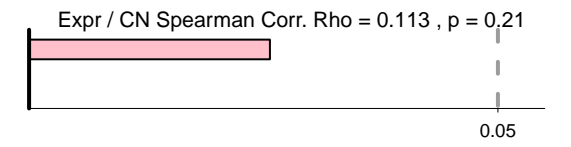
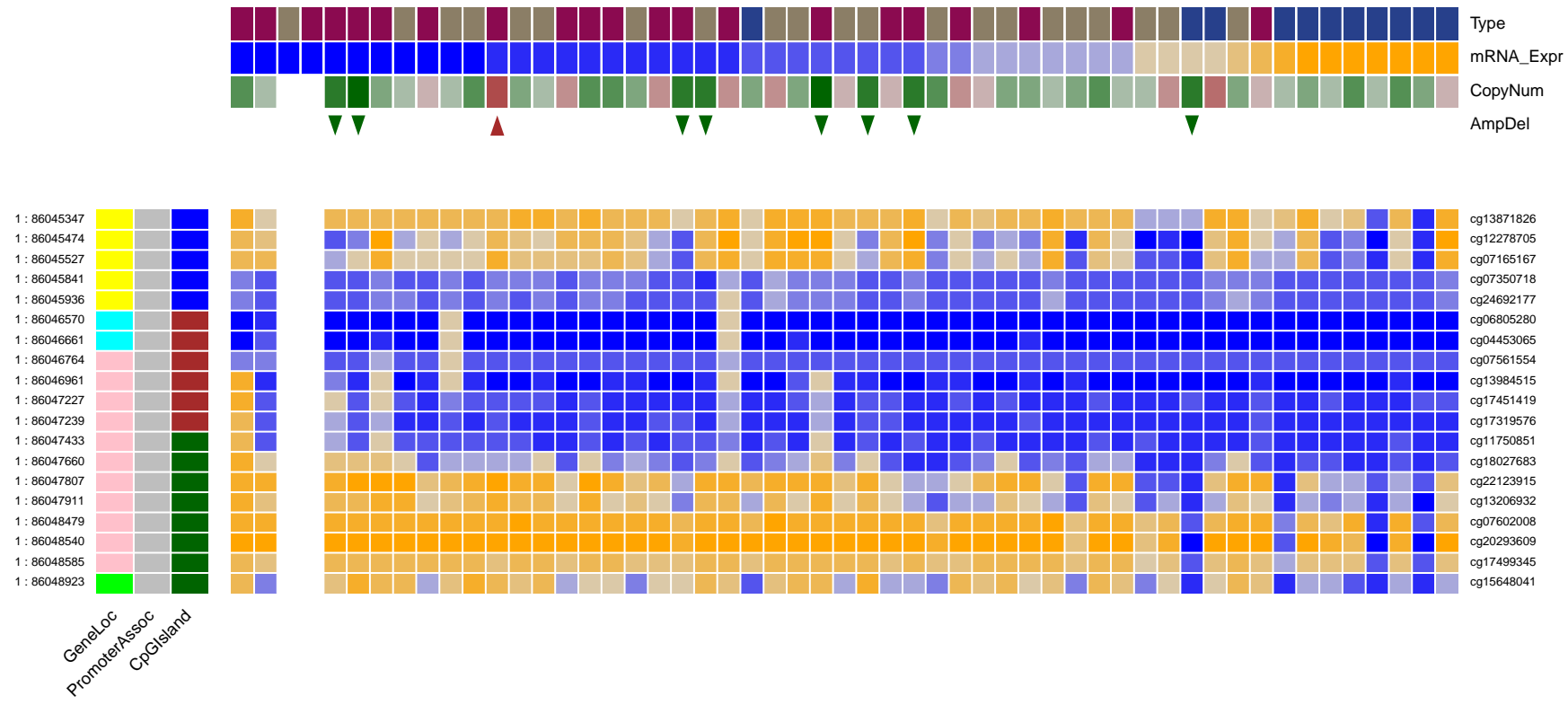


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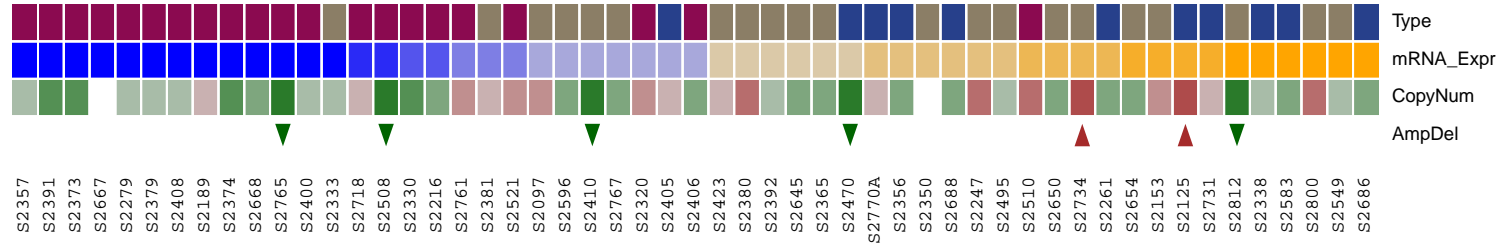
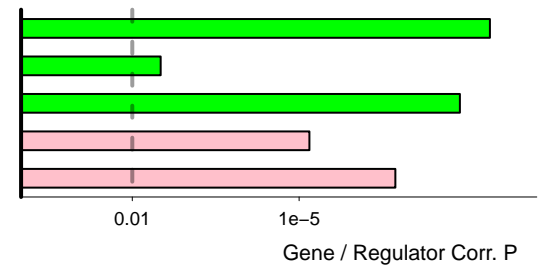
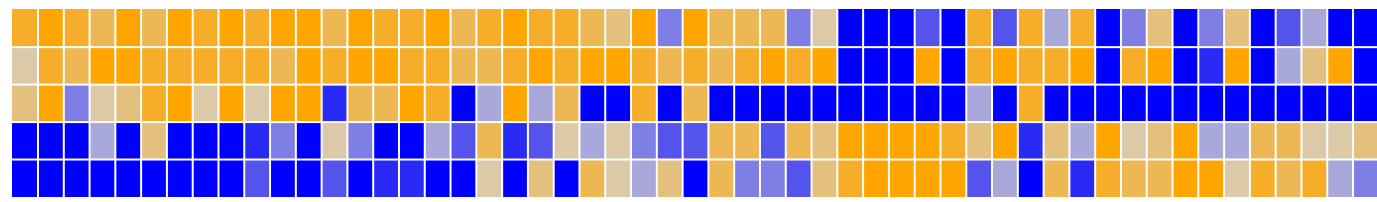
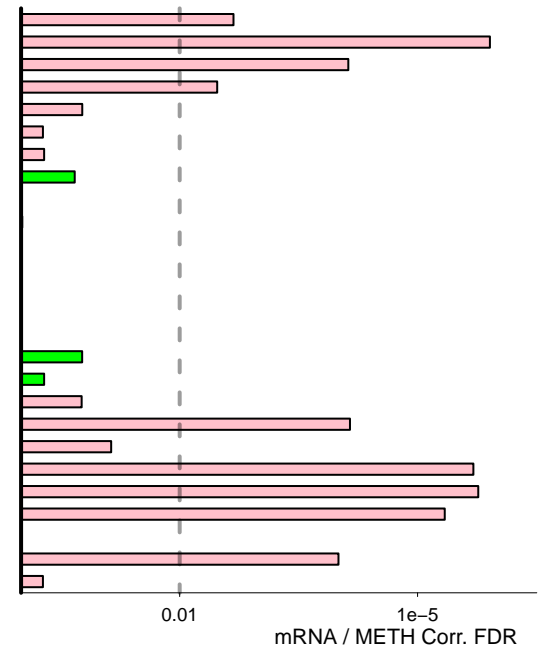
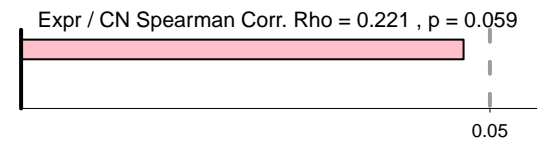
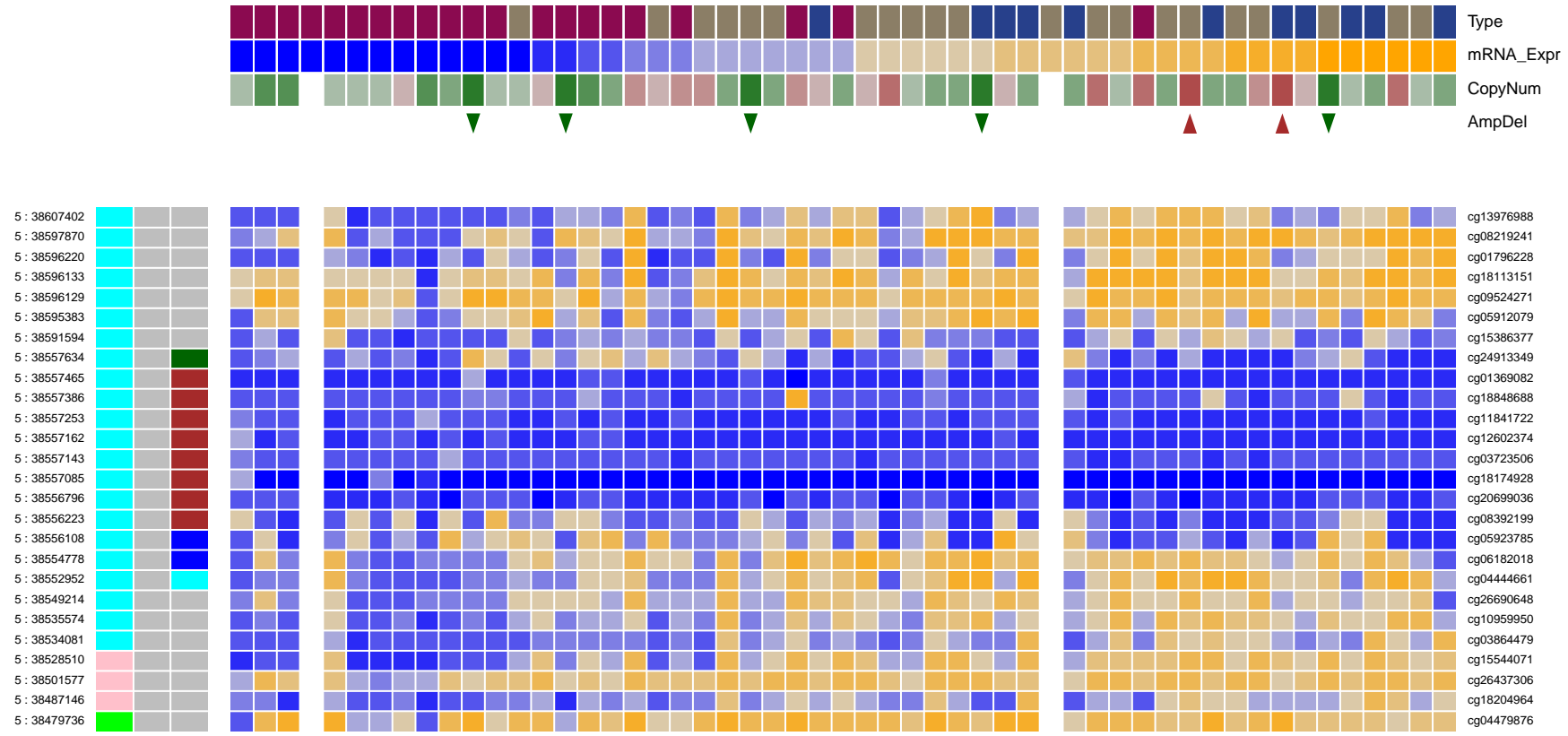


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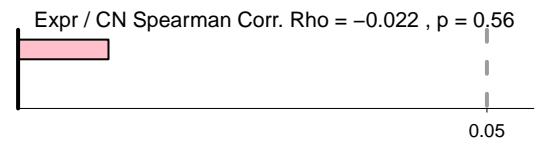
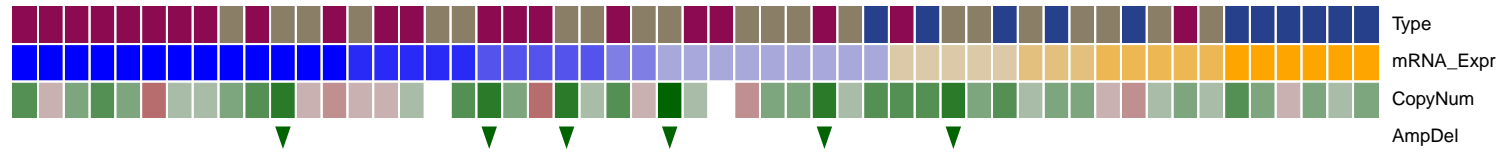
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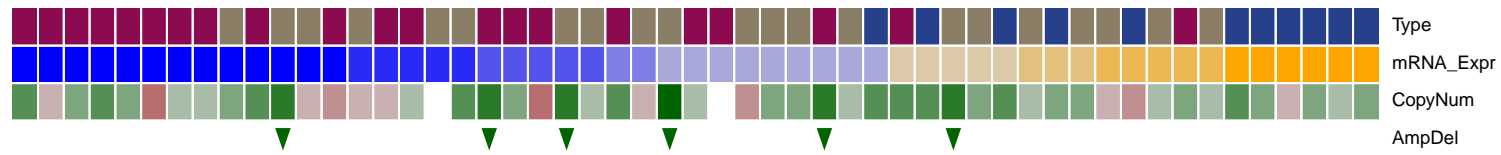
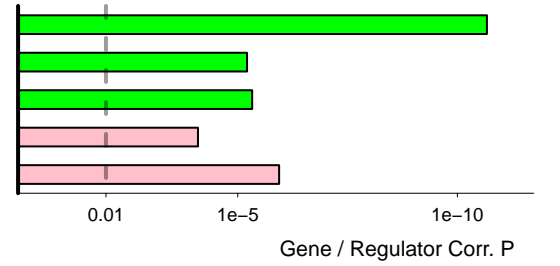
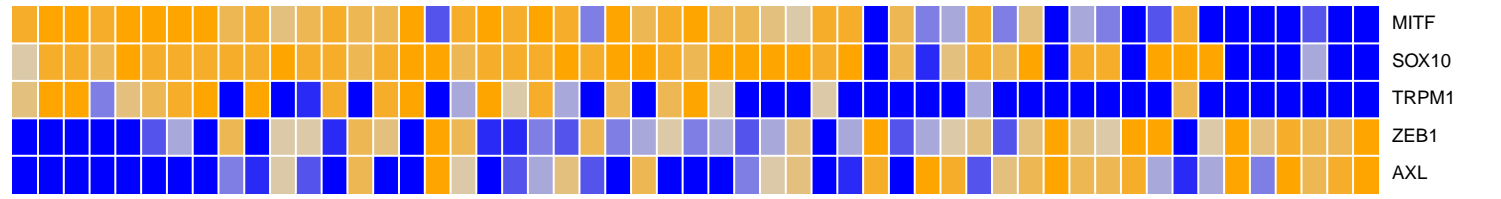
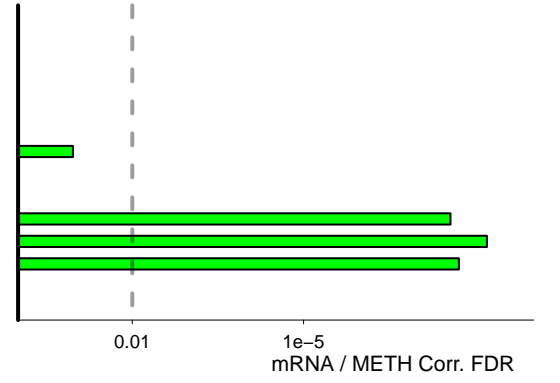
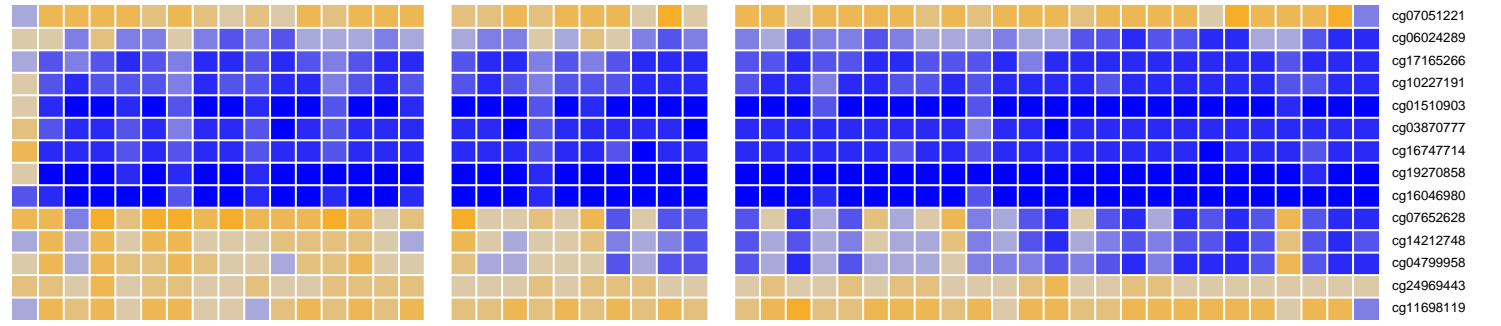


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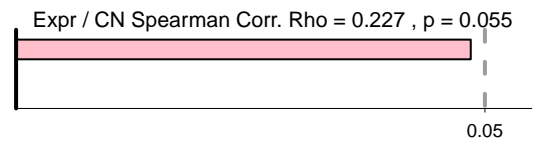
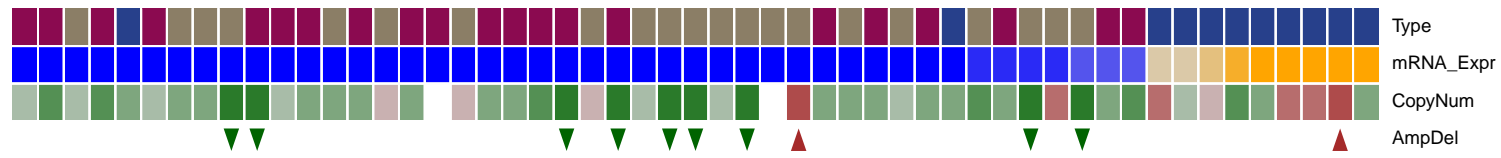
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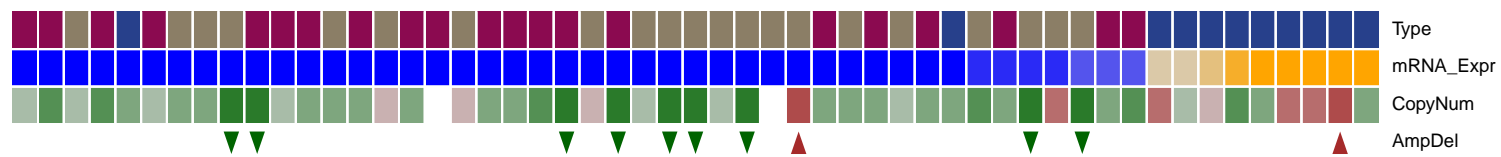
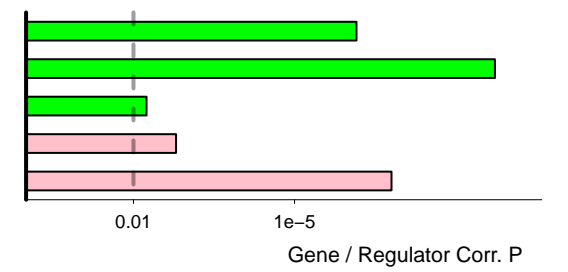
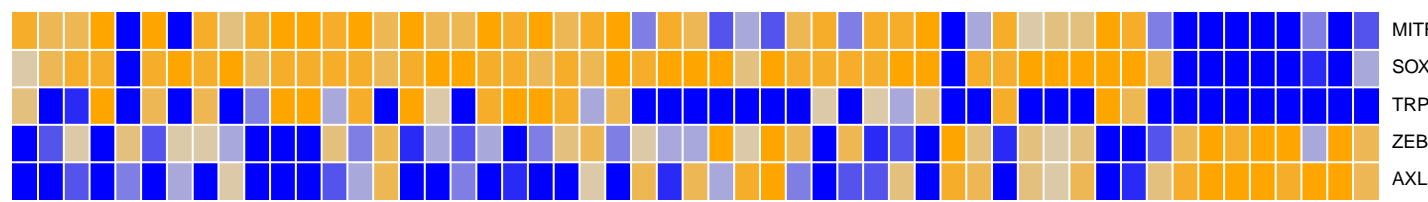
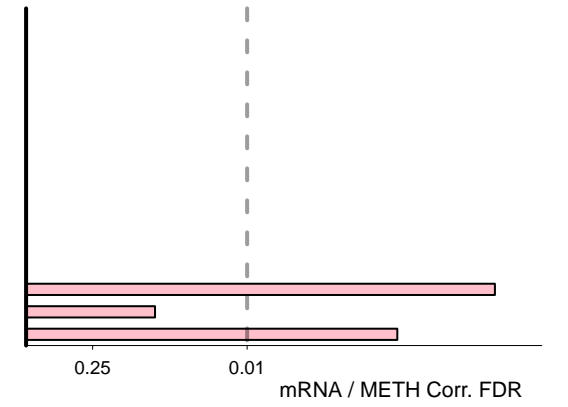
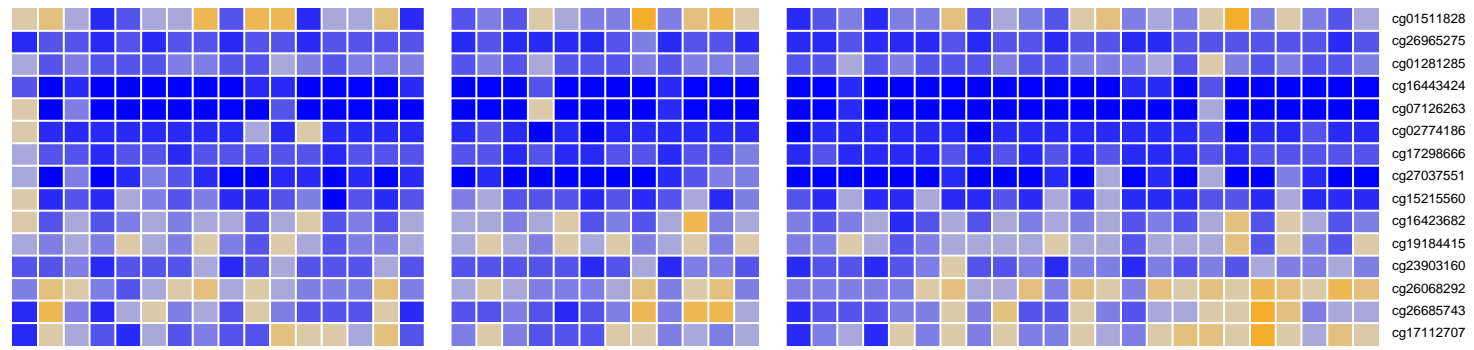
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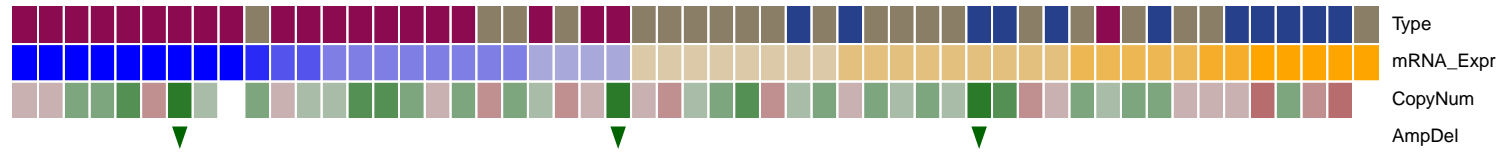
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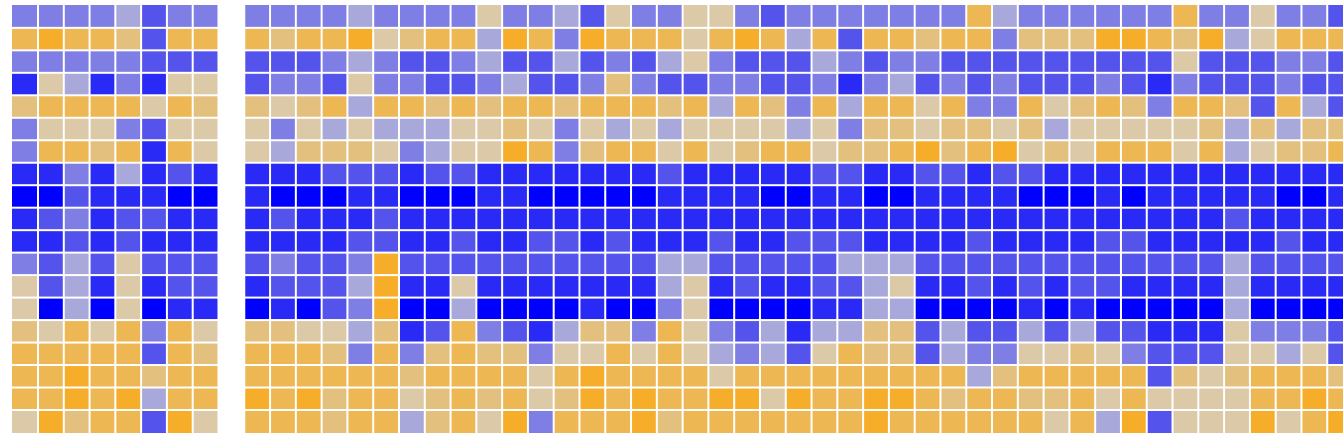
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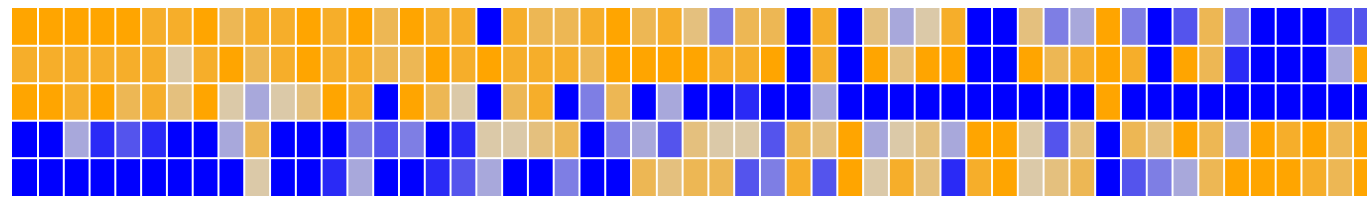
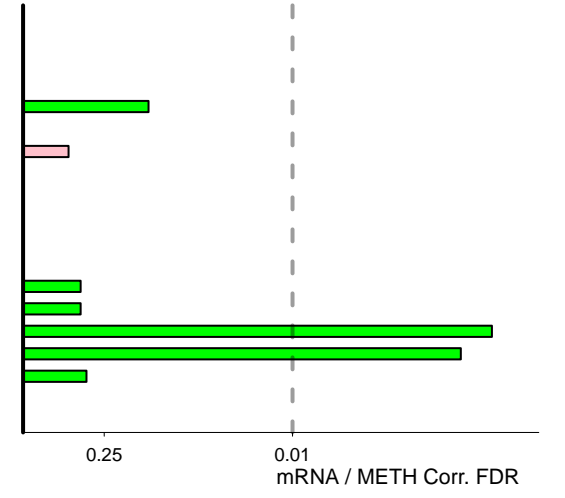
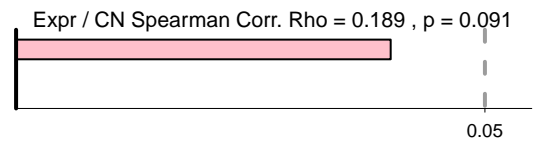


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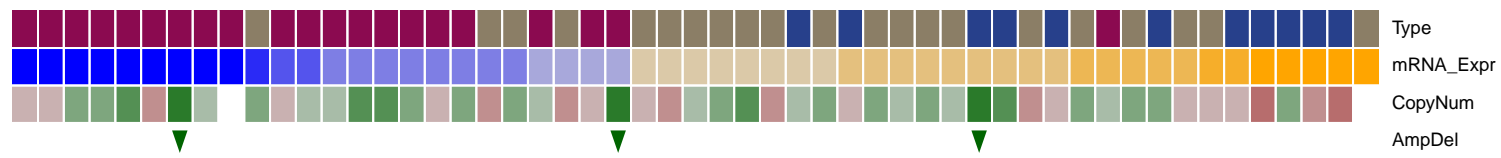
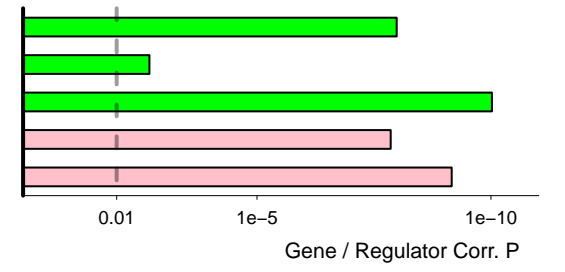
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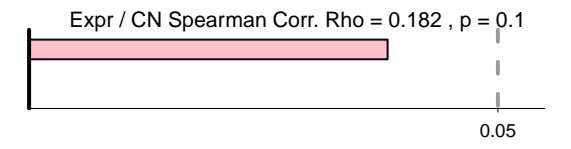
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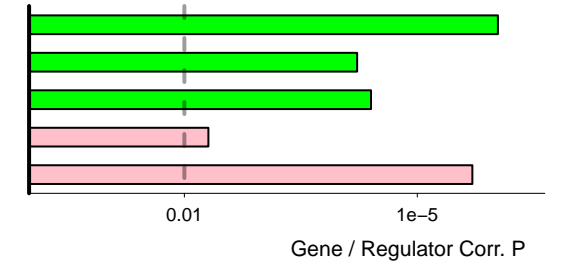
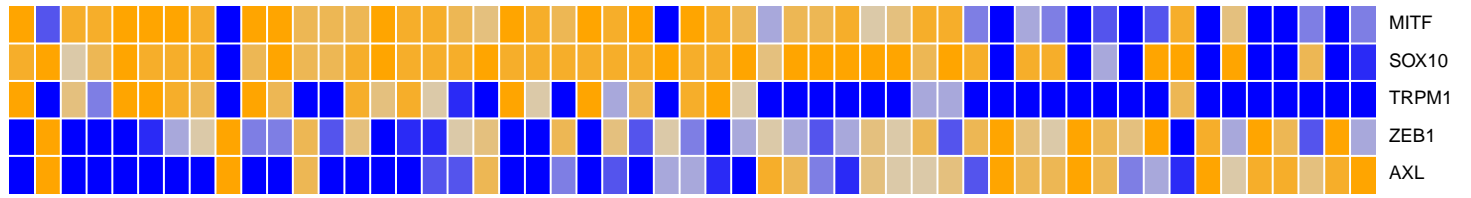
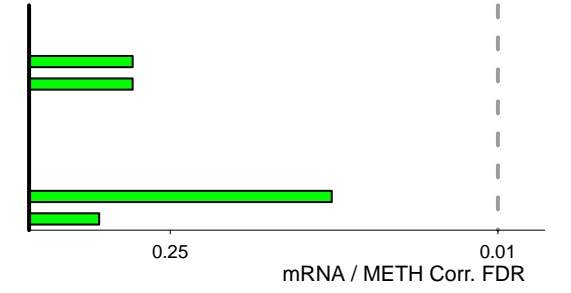
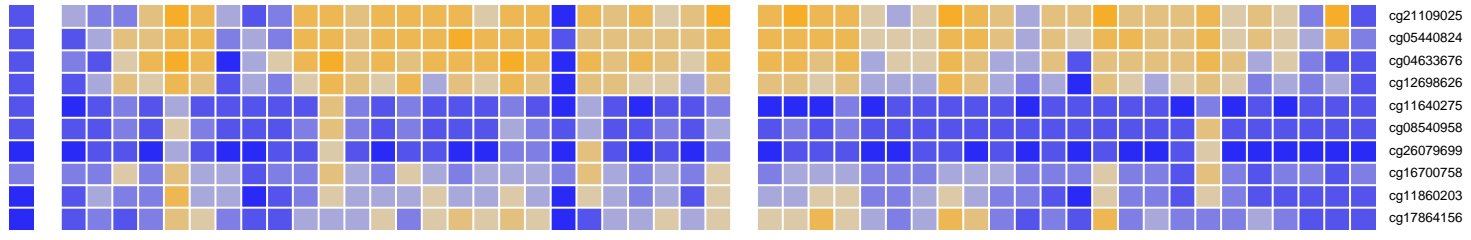
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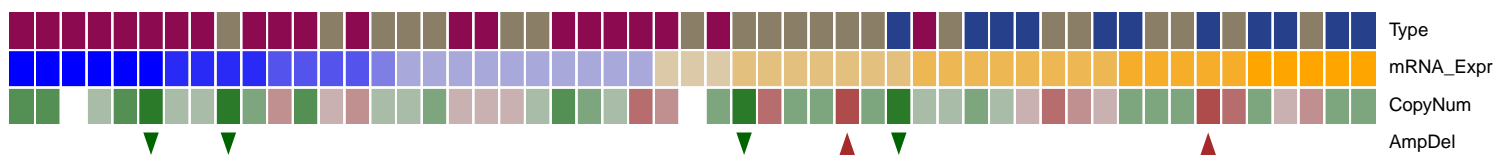
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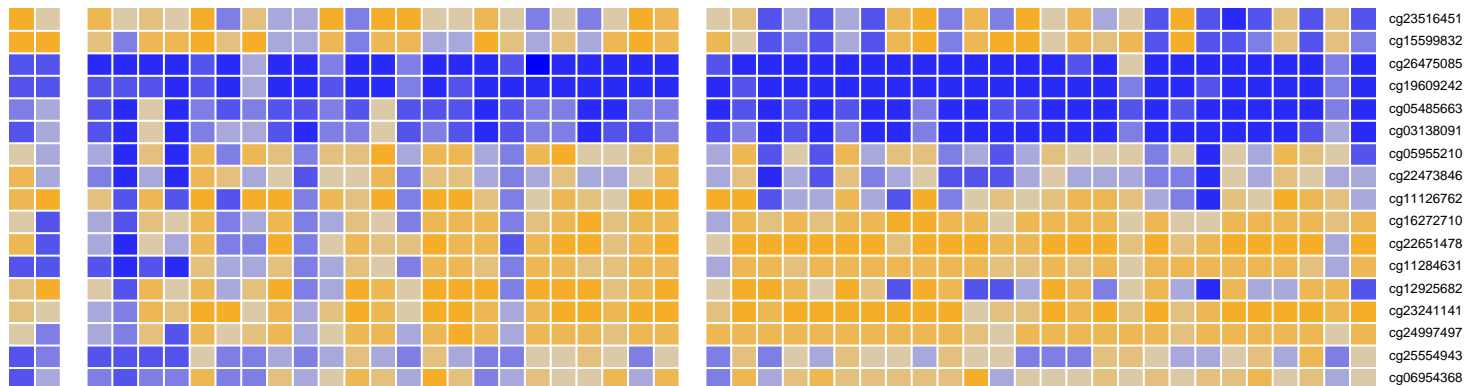


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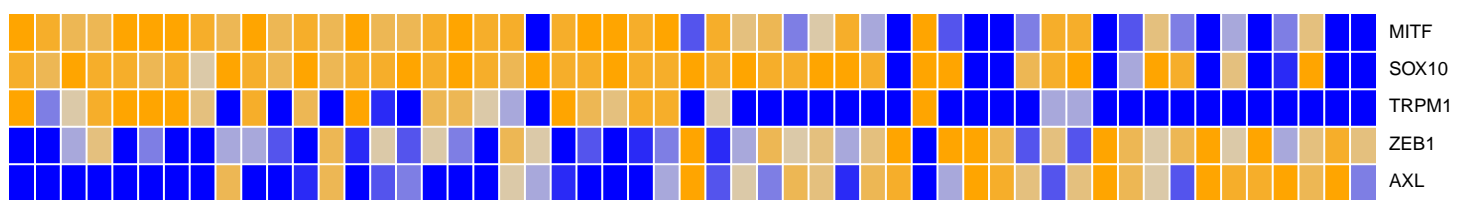
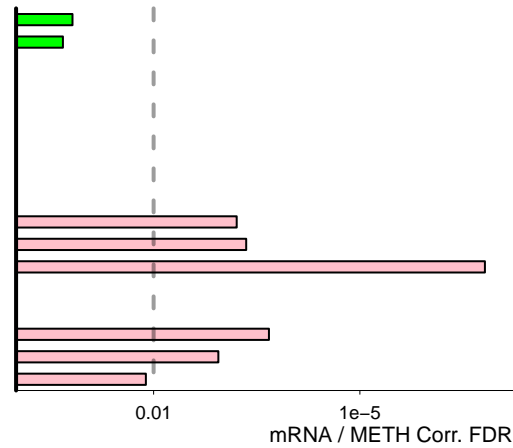
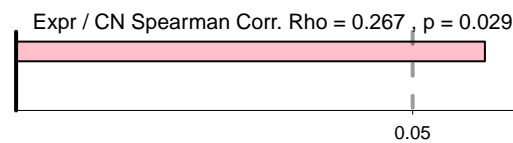


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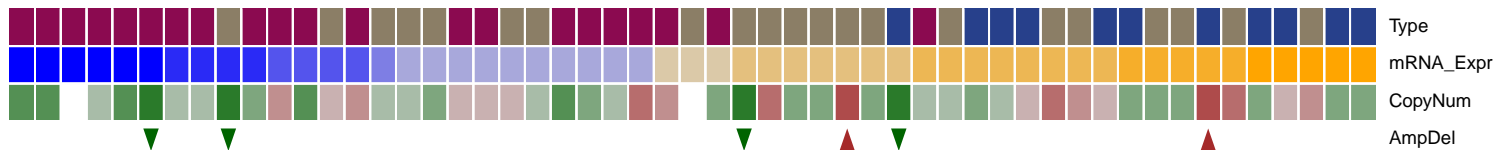
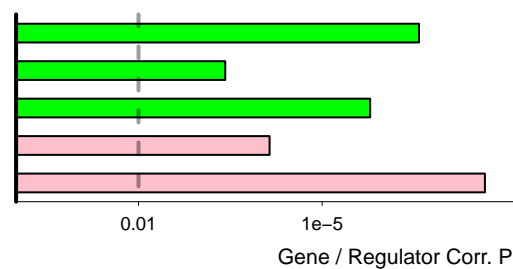
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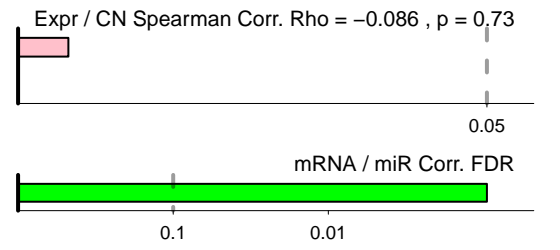
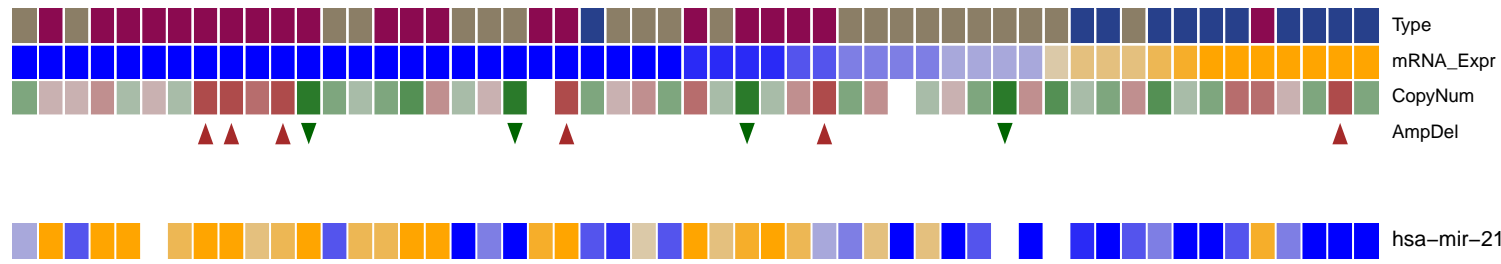
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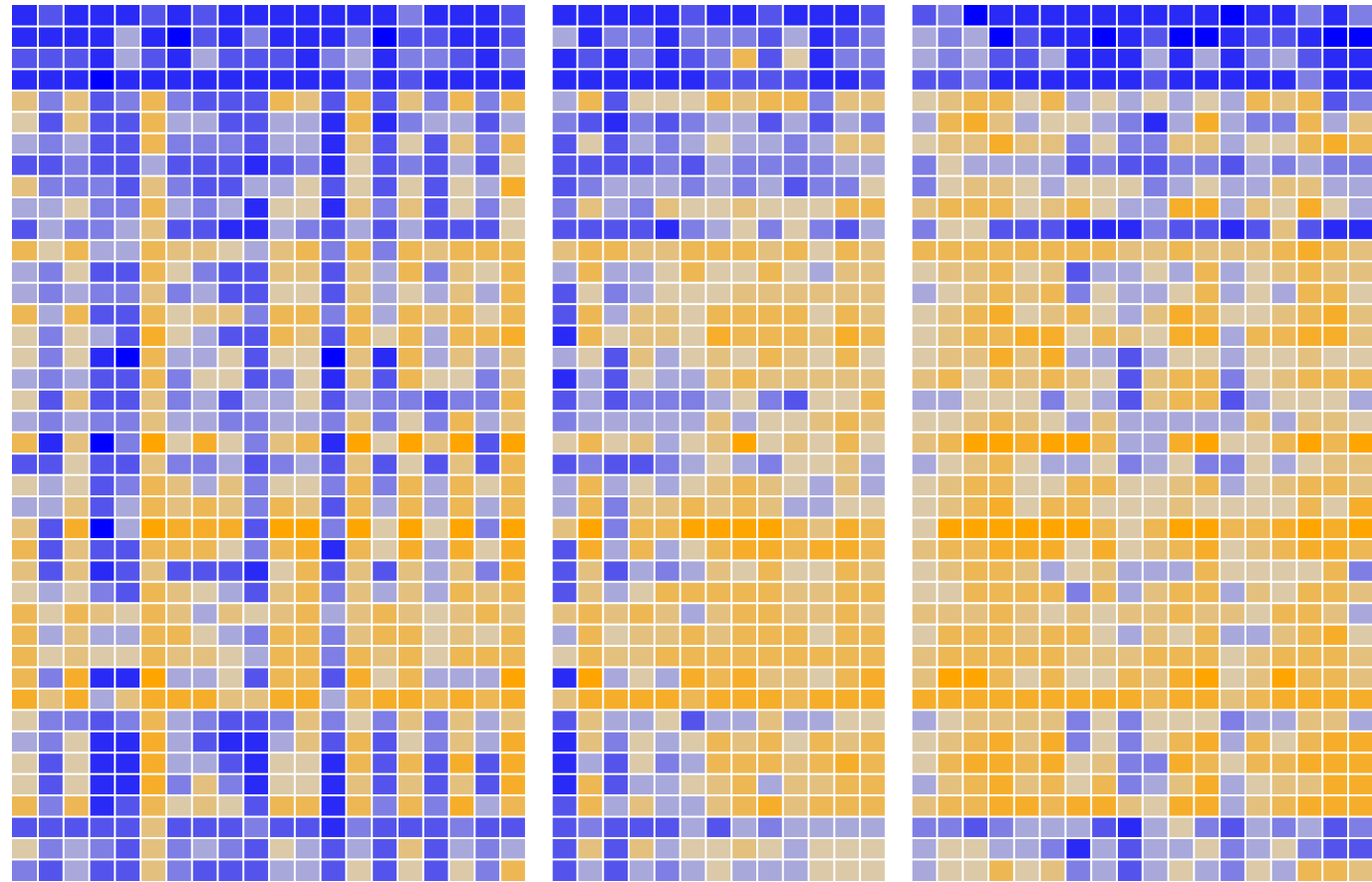
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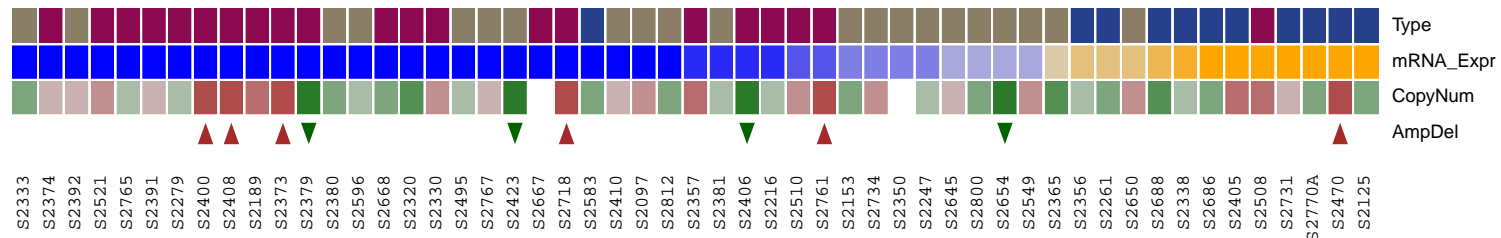
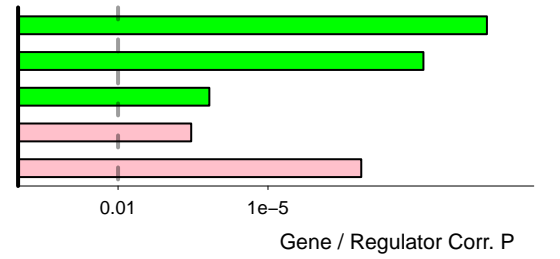
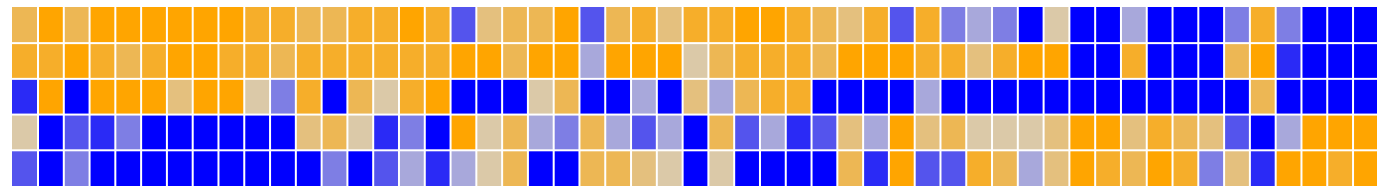
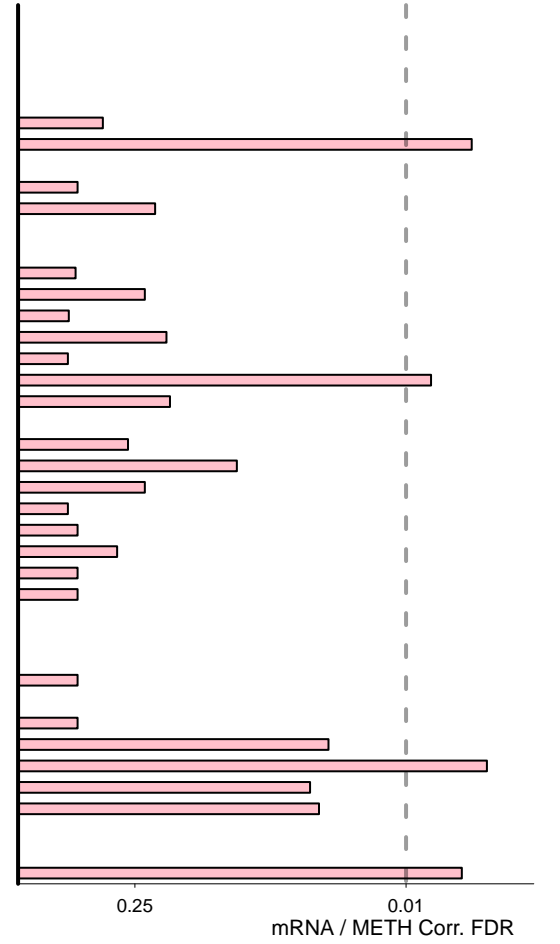


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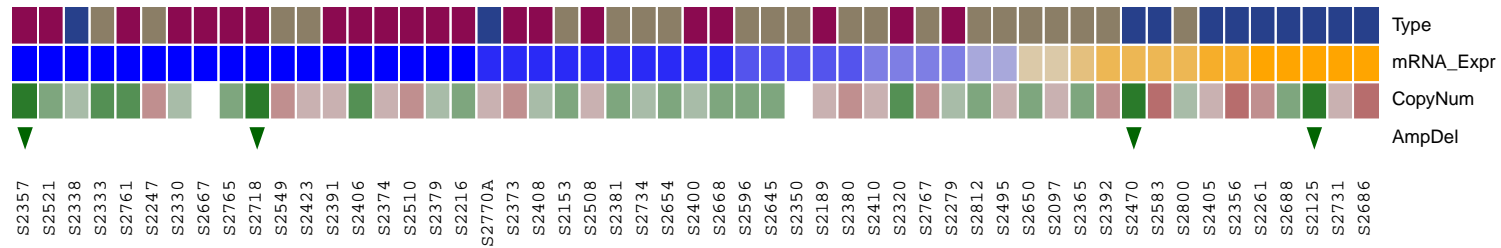
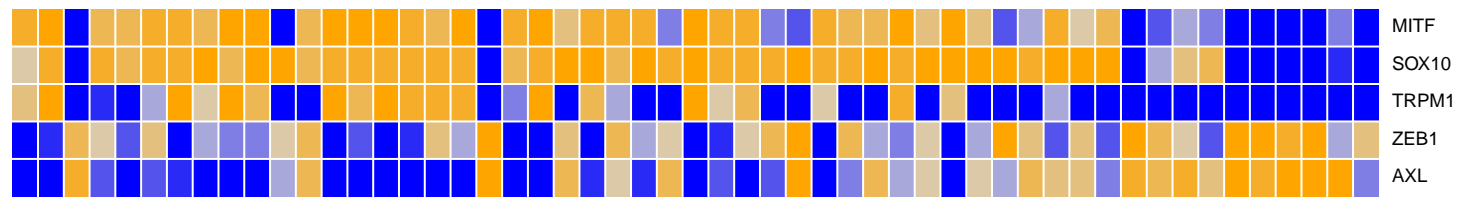
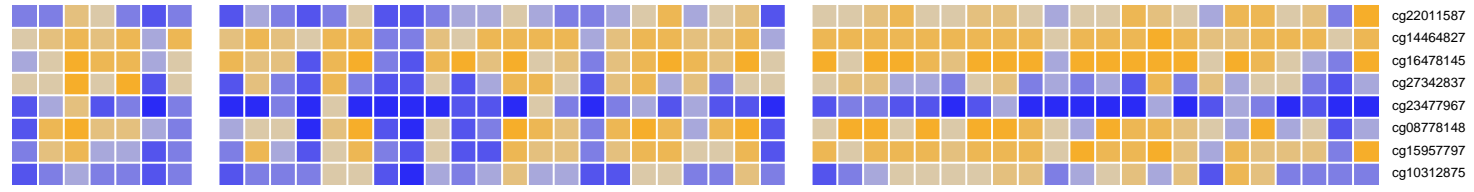
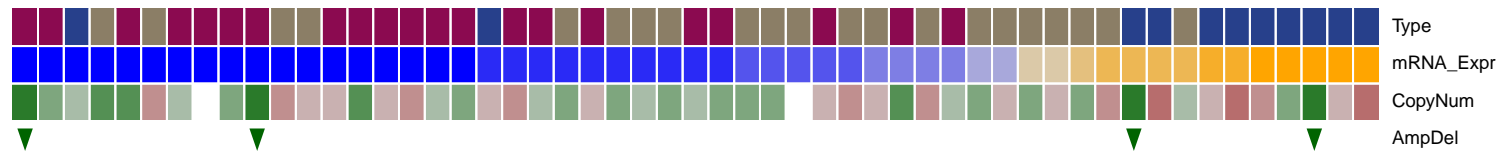


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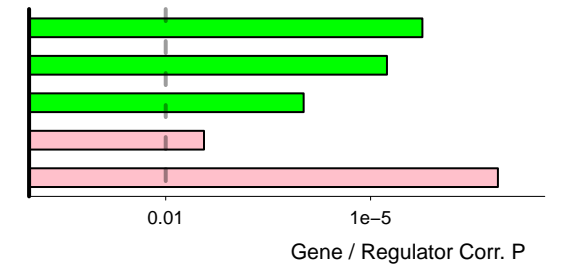
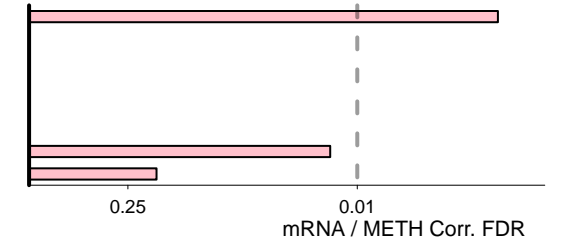
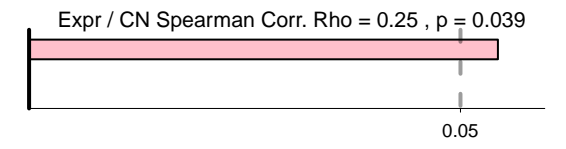


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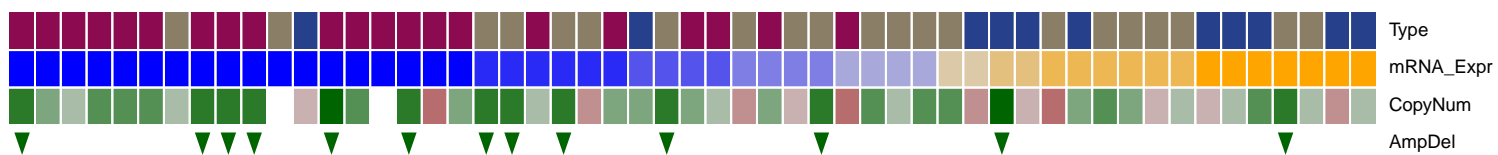
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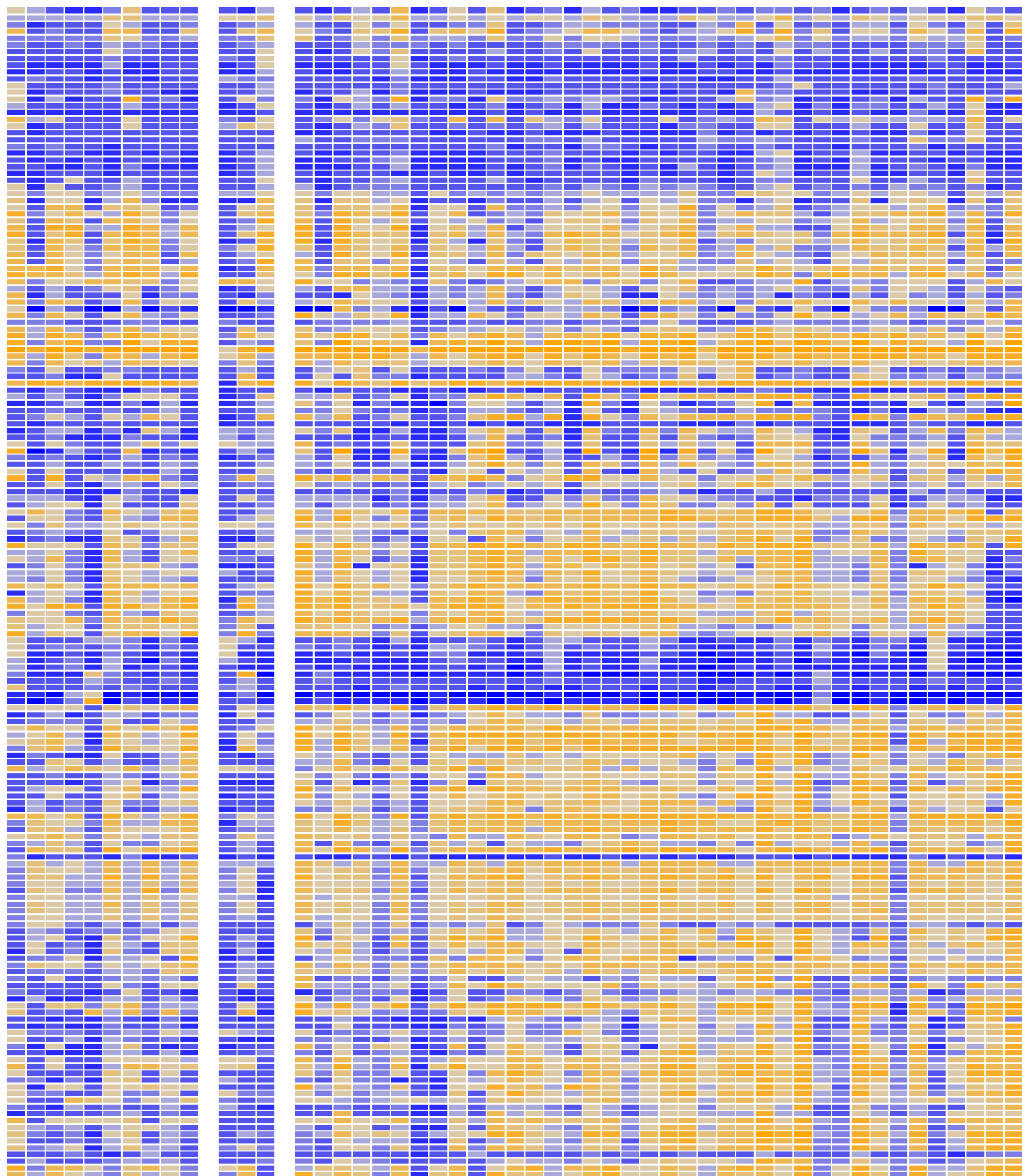
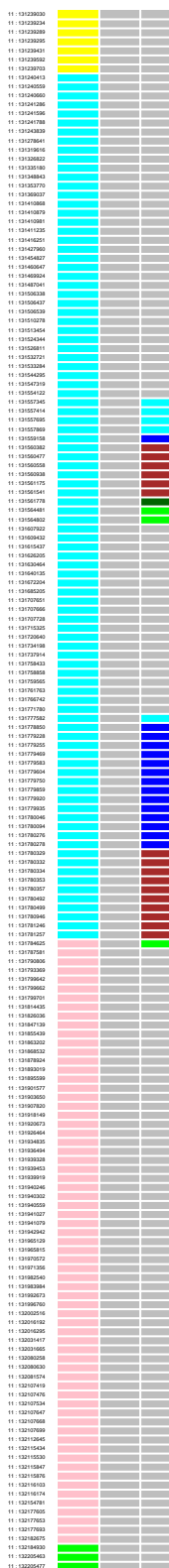
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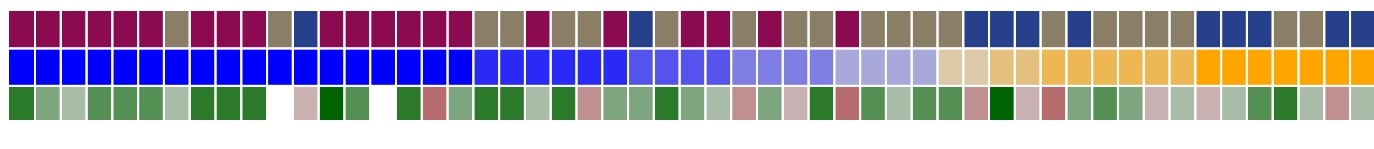
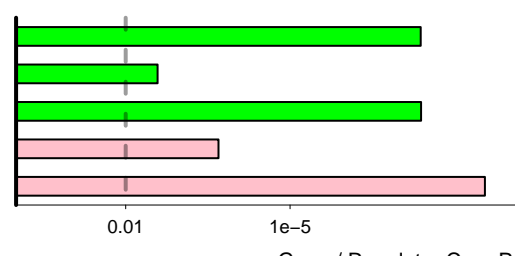
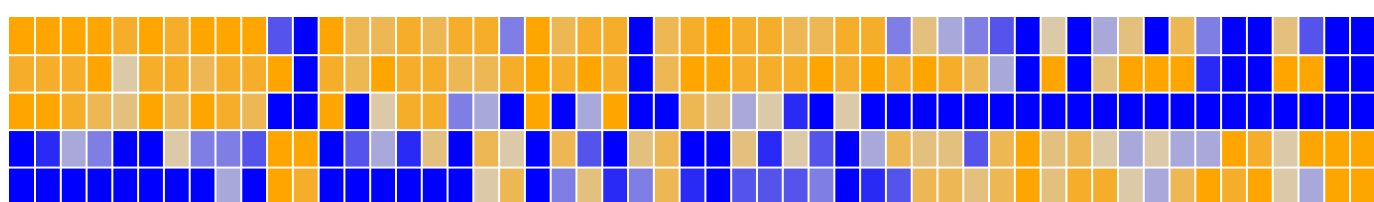
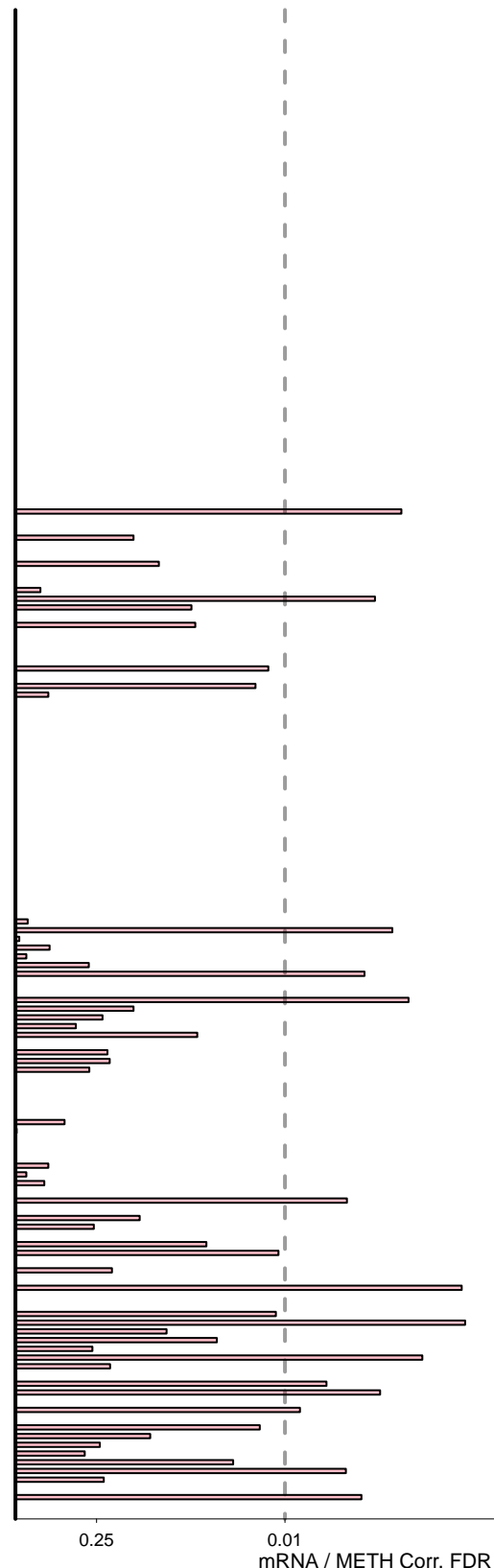
# NTM



Expr / CN Spearman Corr. Rho = 0.355 , p = 0.0053

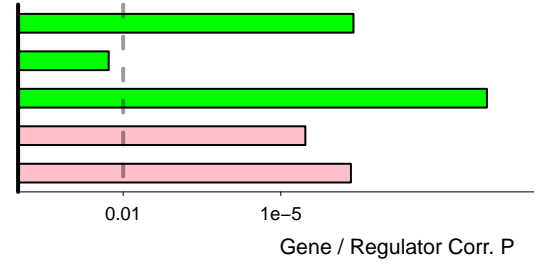
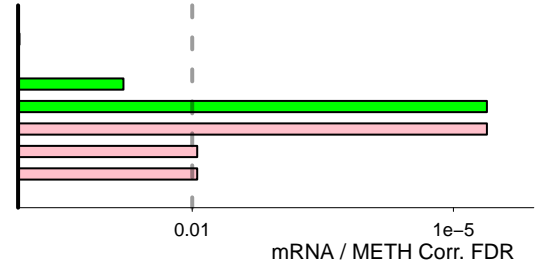
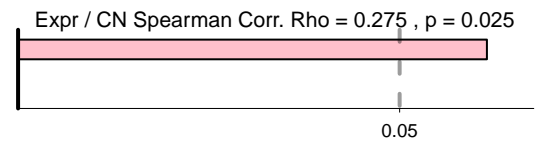
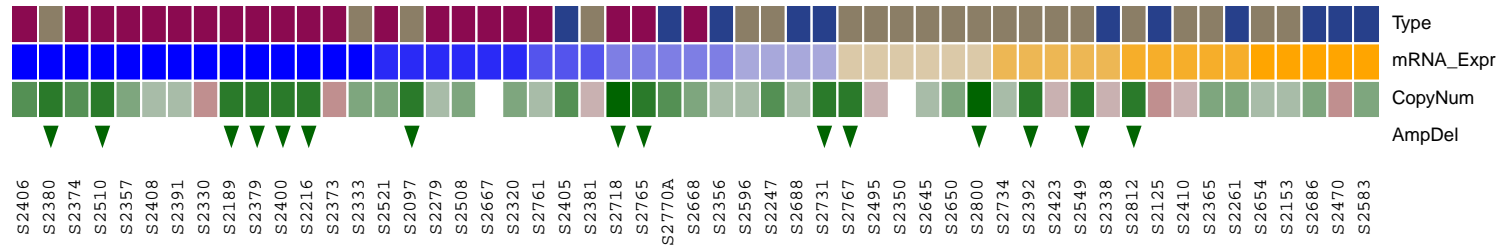
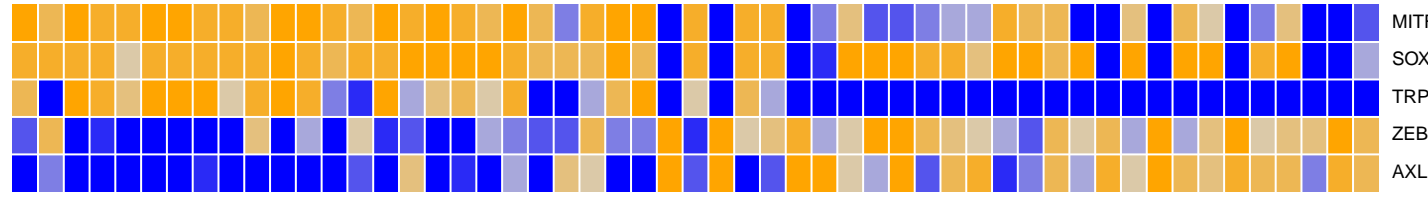
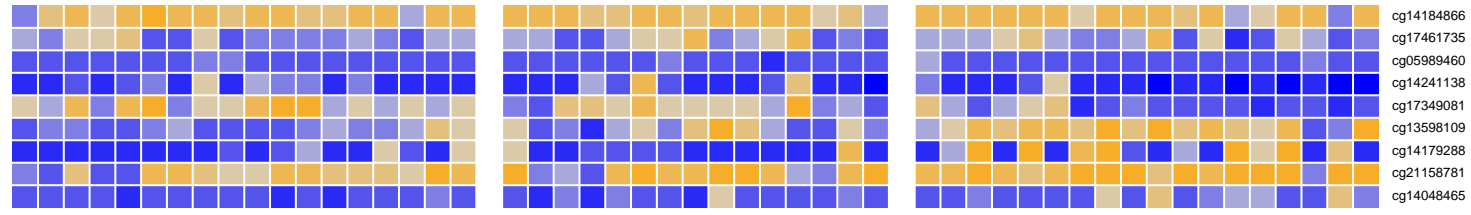
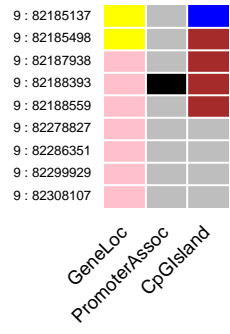
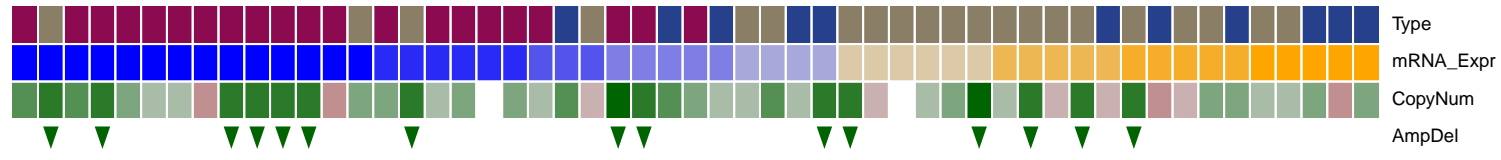


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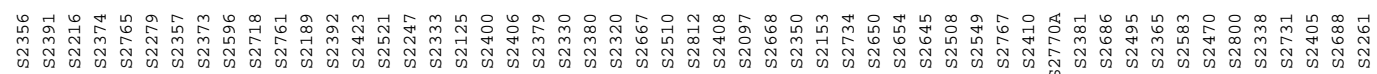
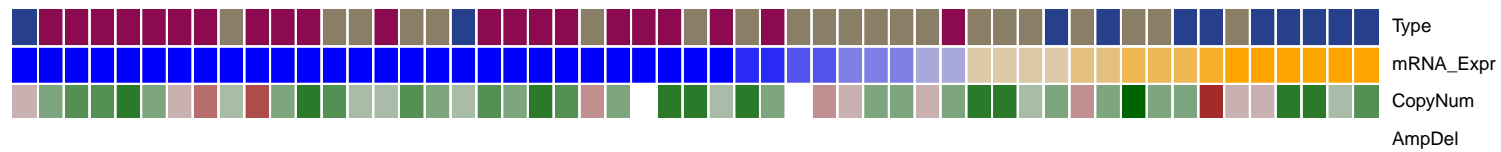
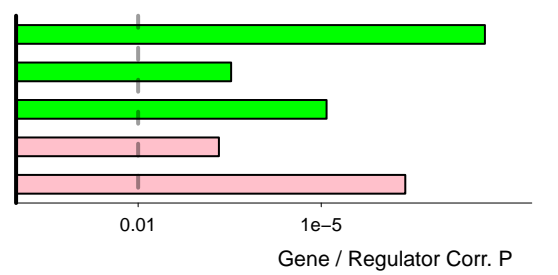
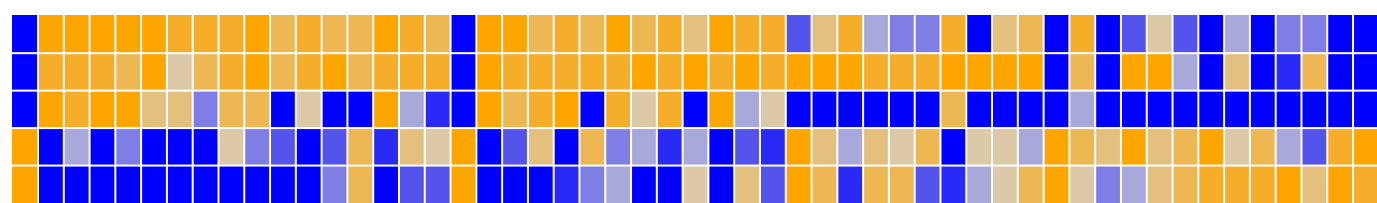
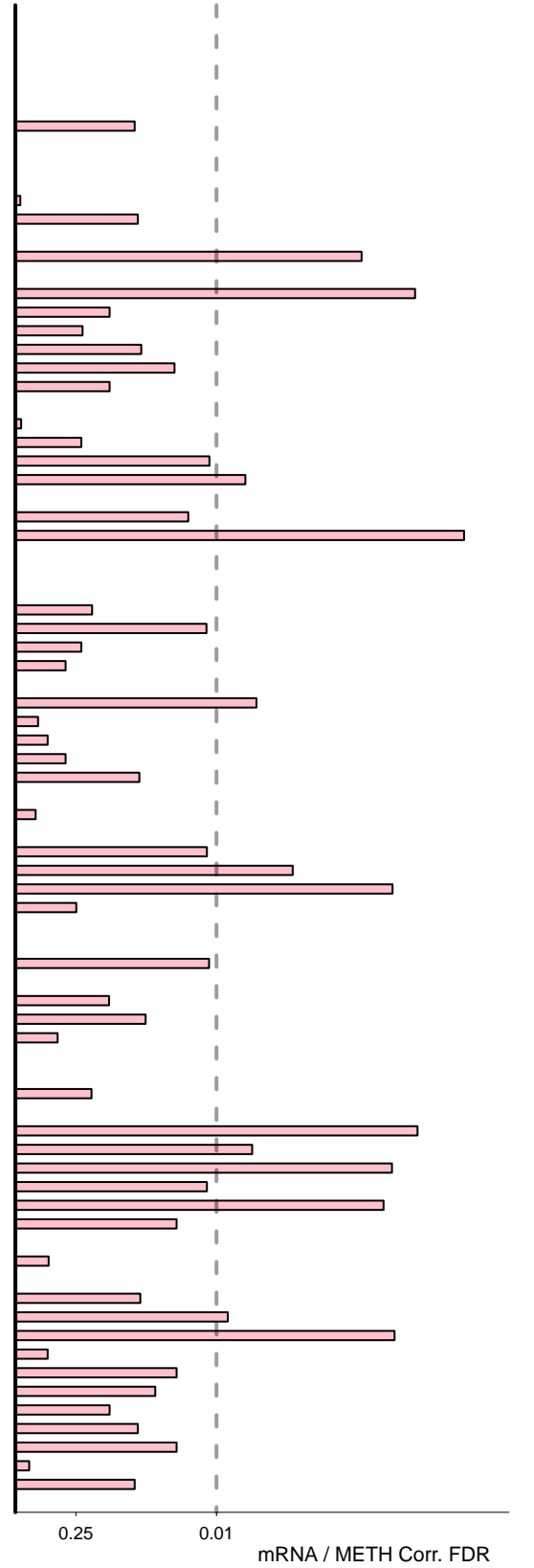
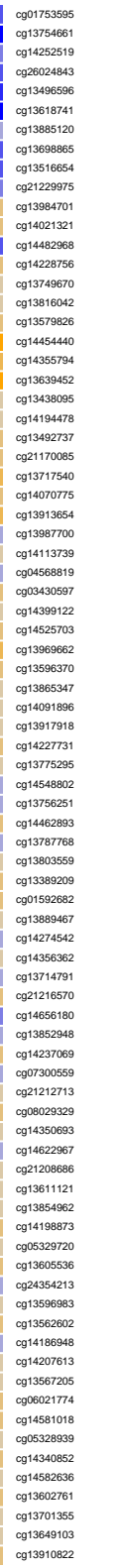
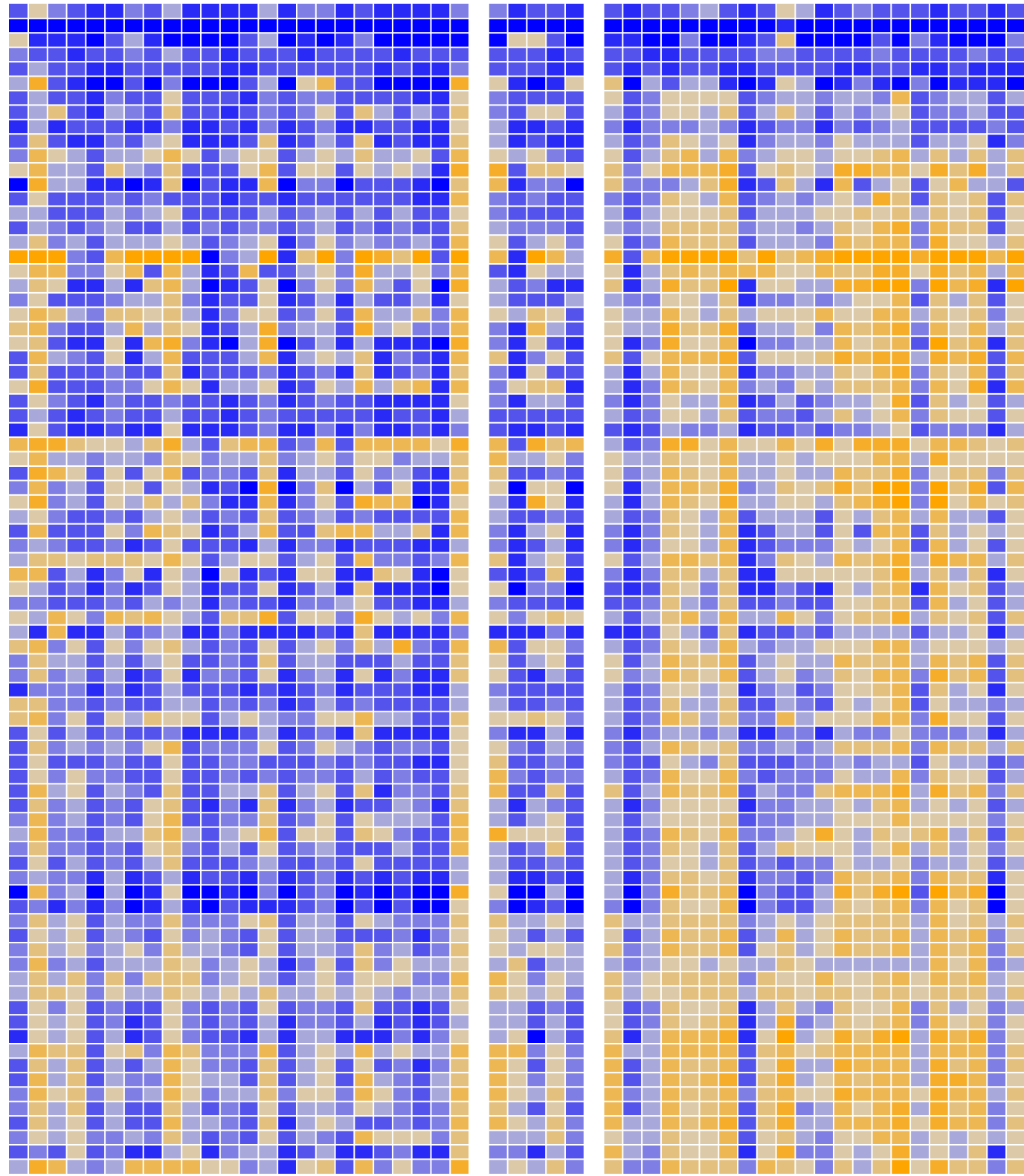
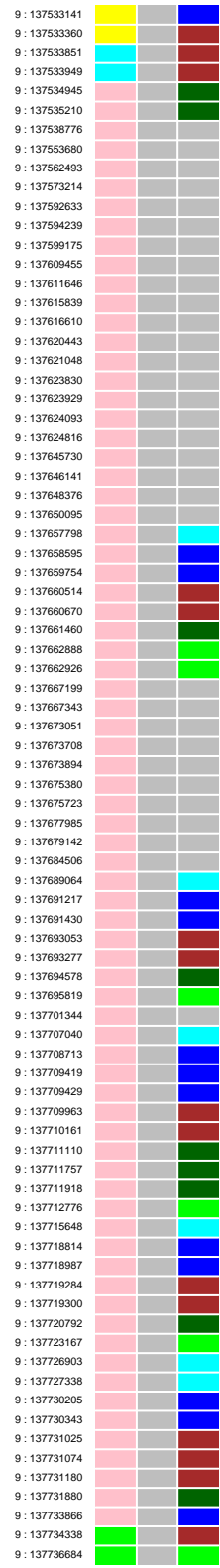
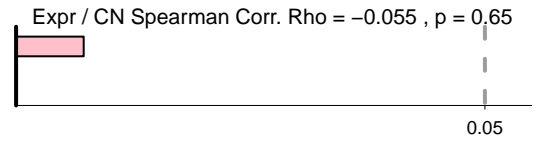
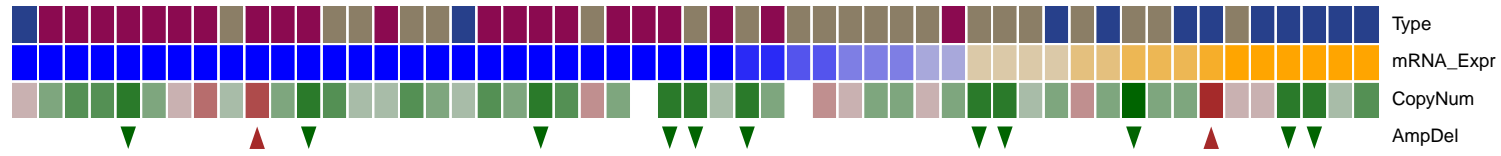


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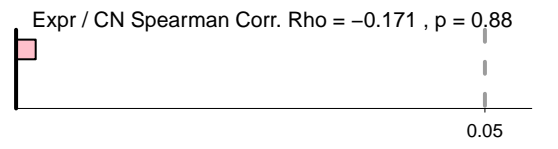
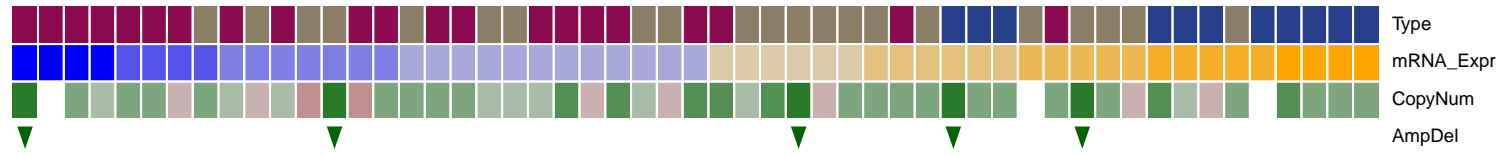
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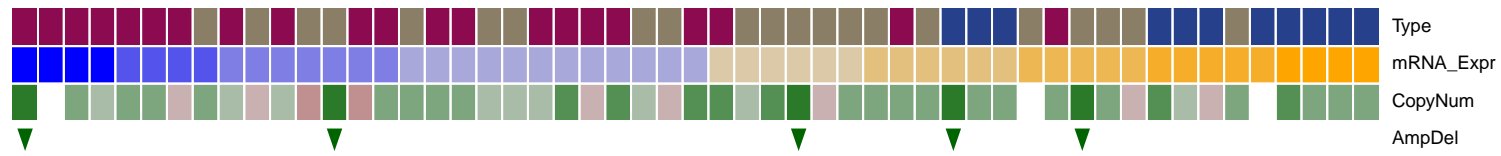
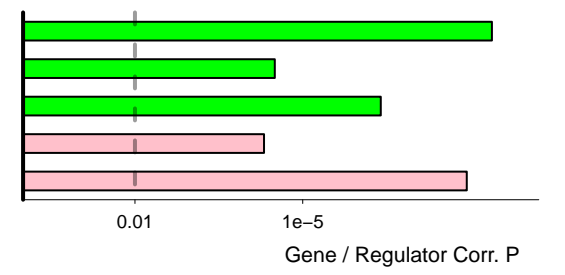
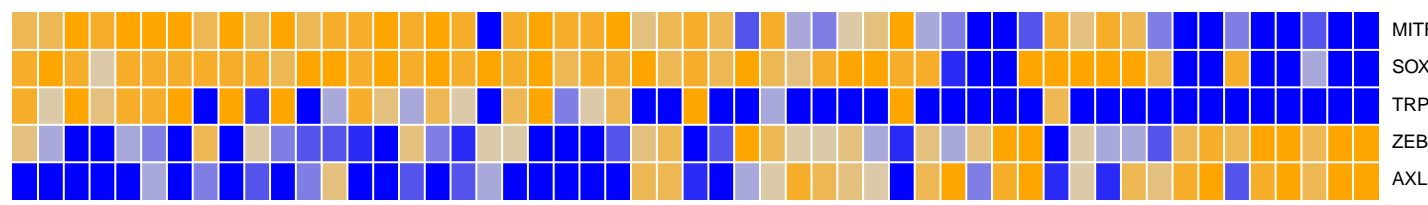
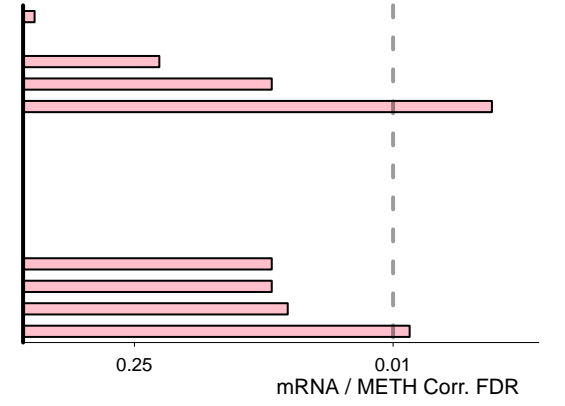
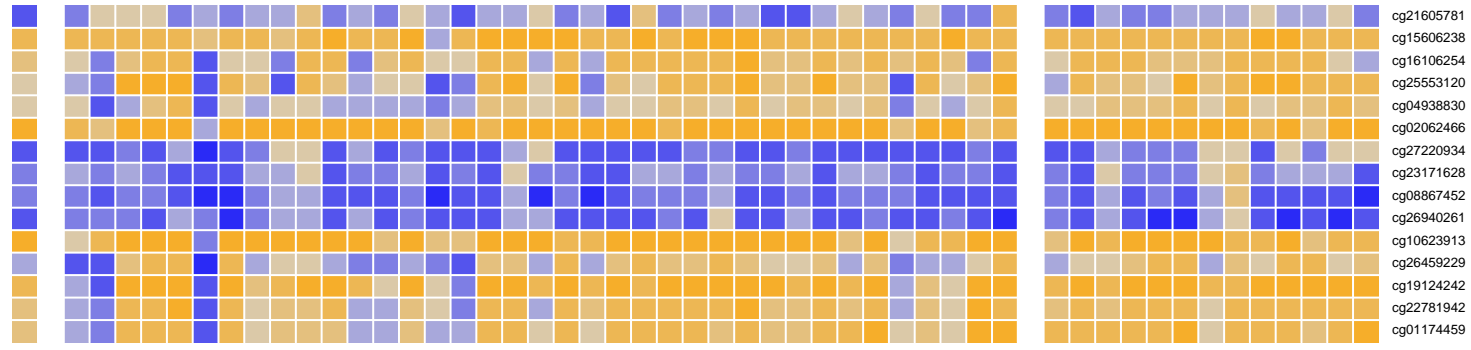


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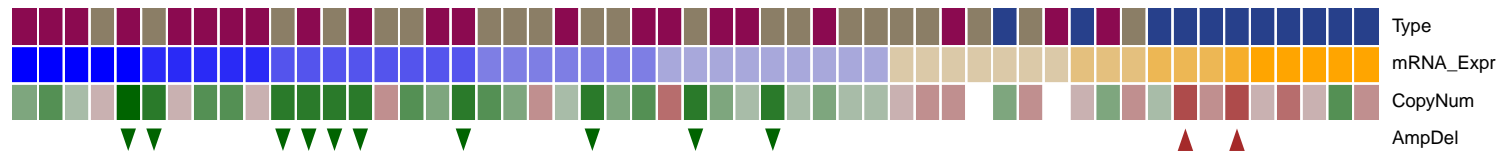
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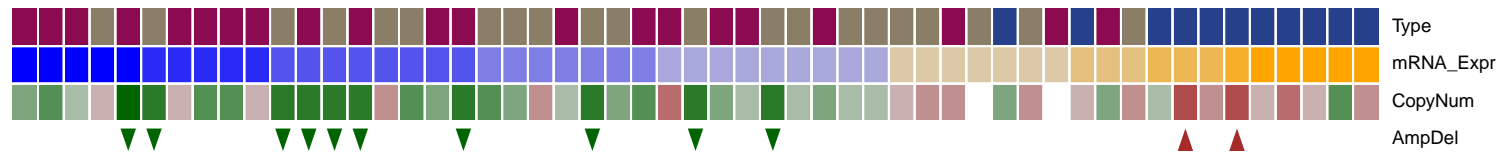
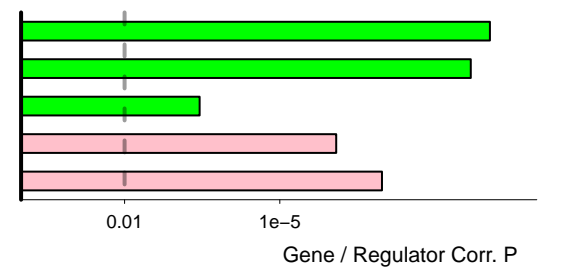
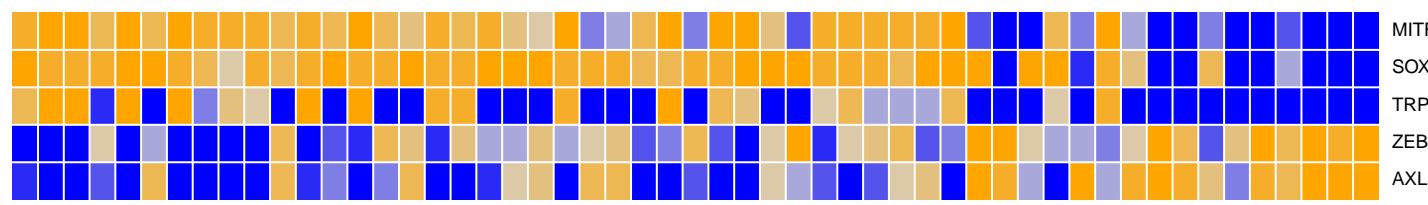
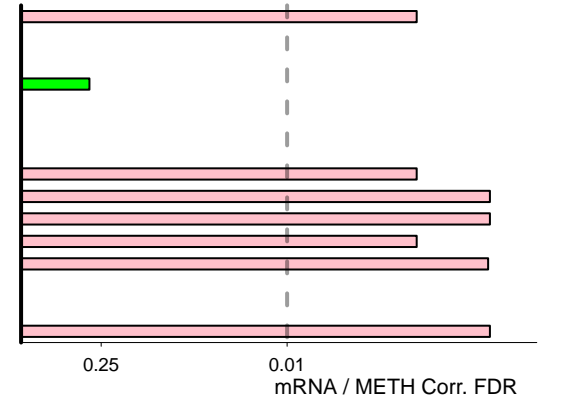
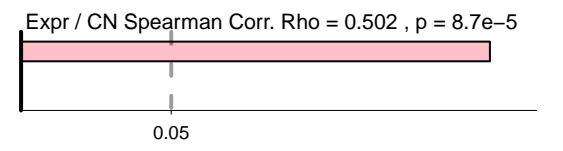
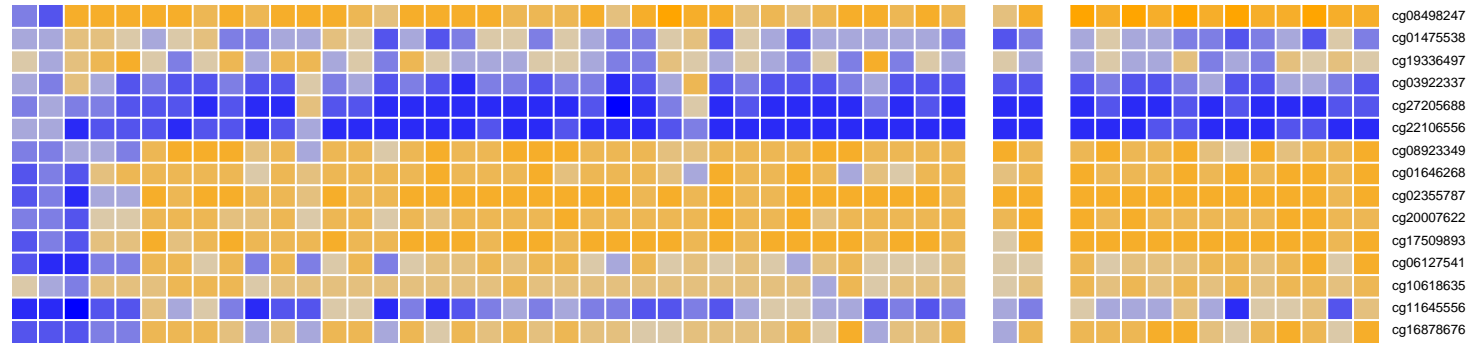
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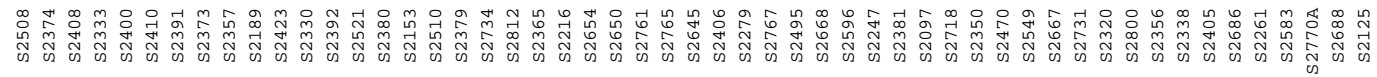


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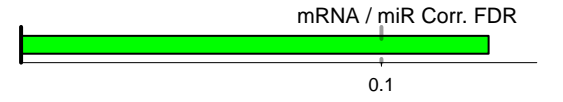
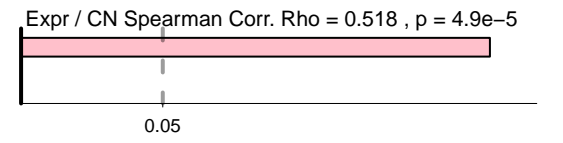
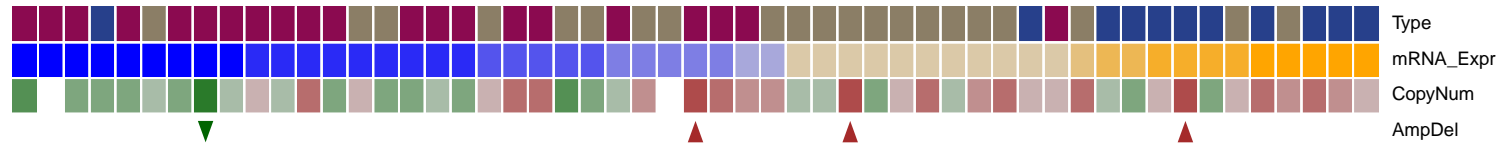


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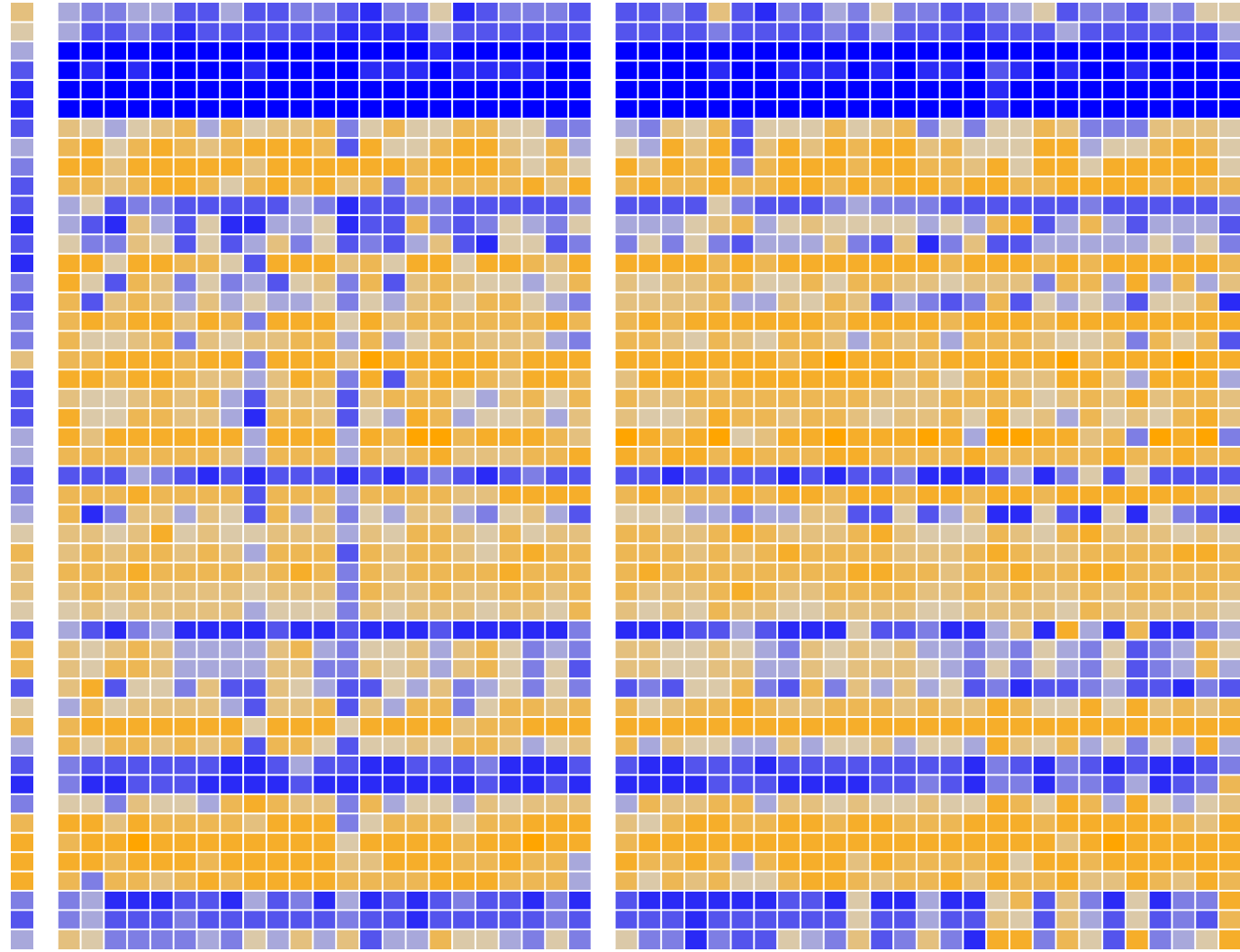


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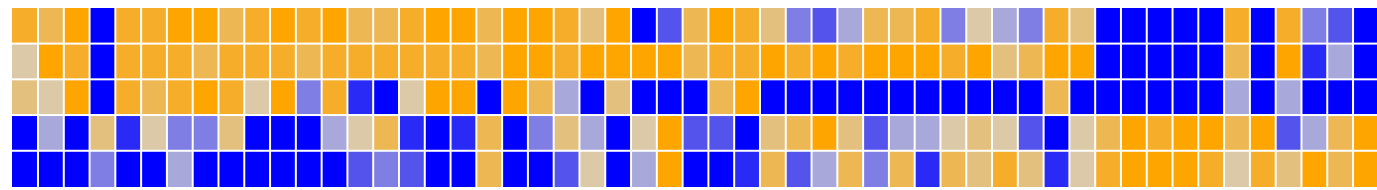


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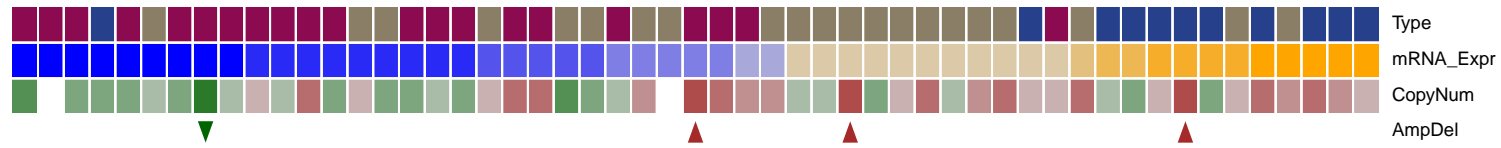
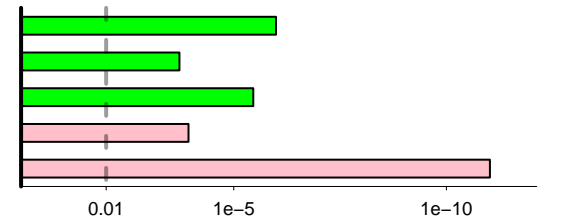
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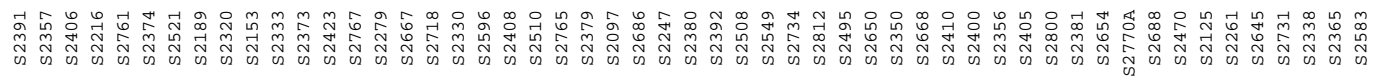
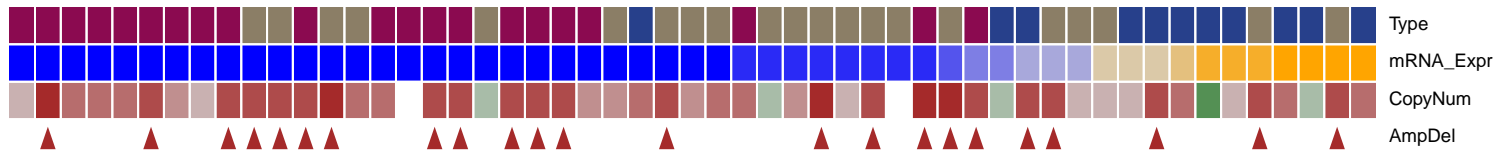
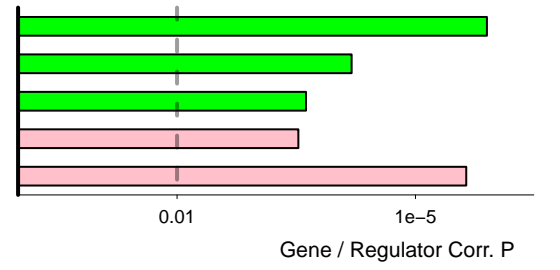
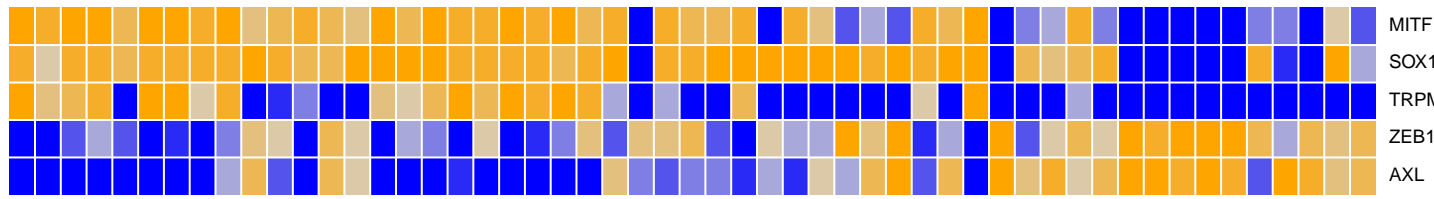
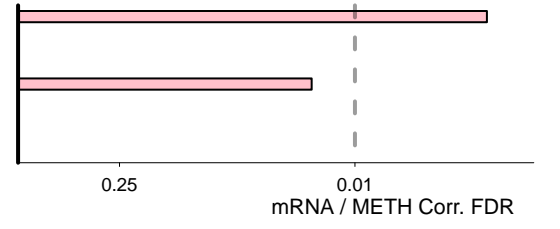
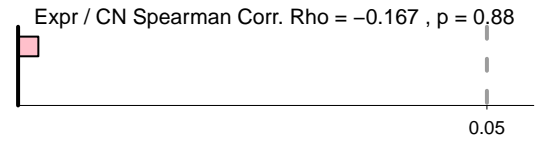
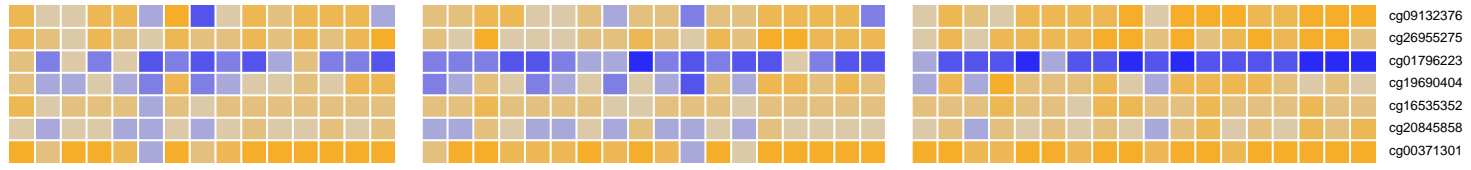
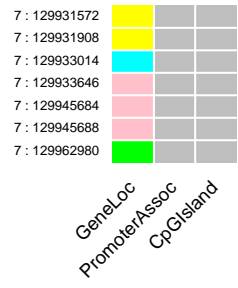
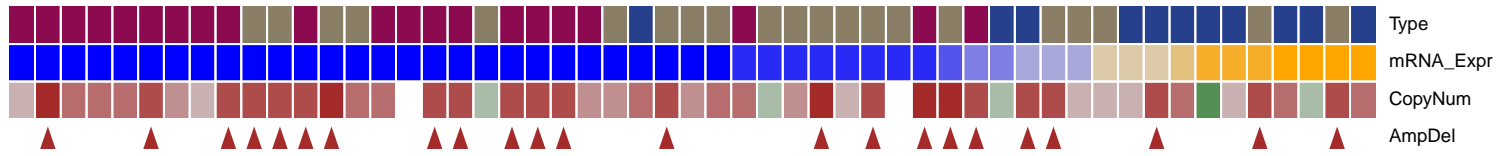
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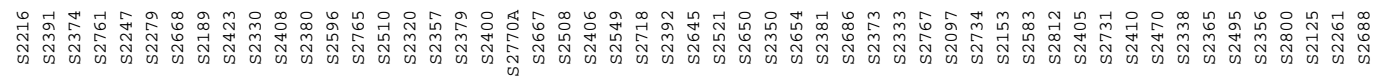
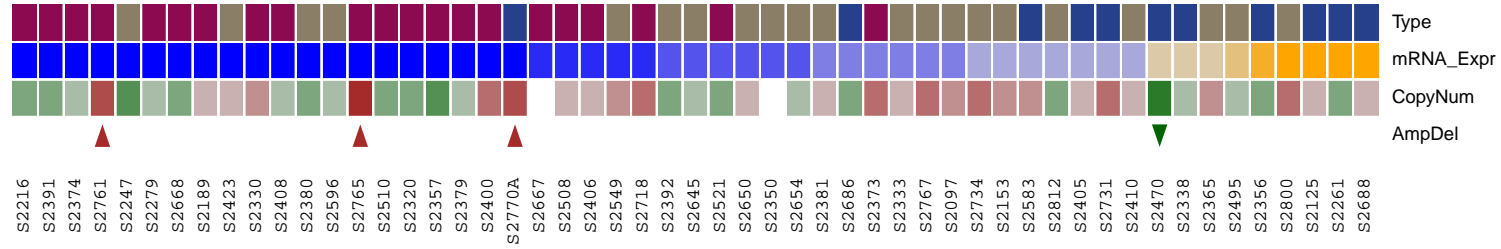
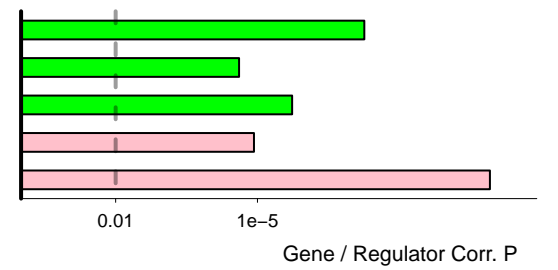
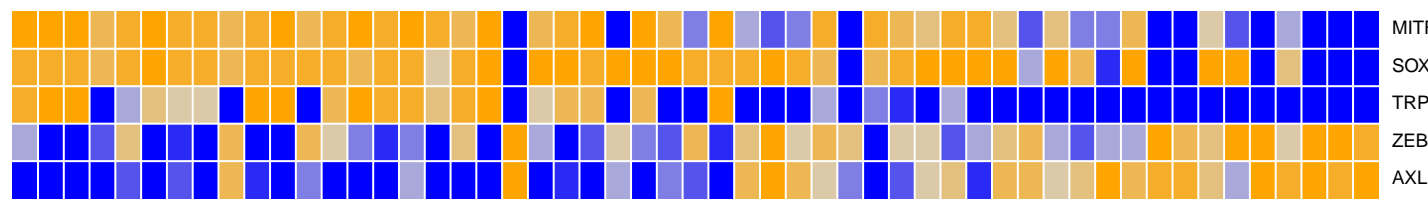
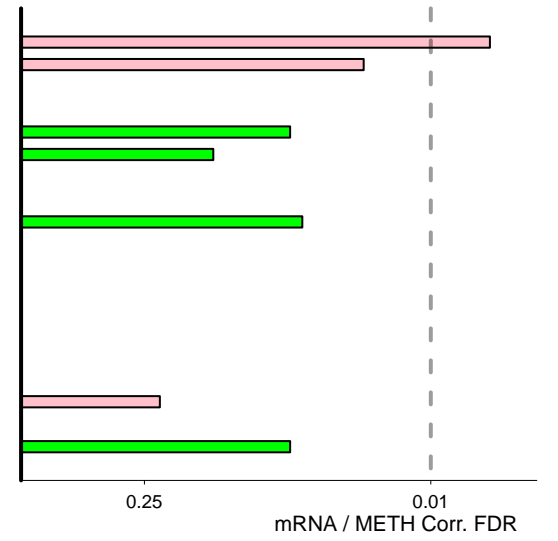
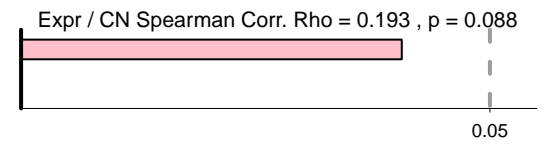
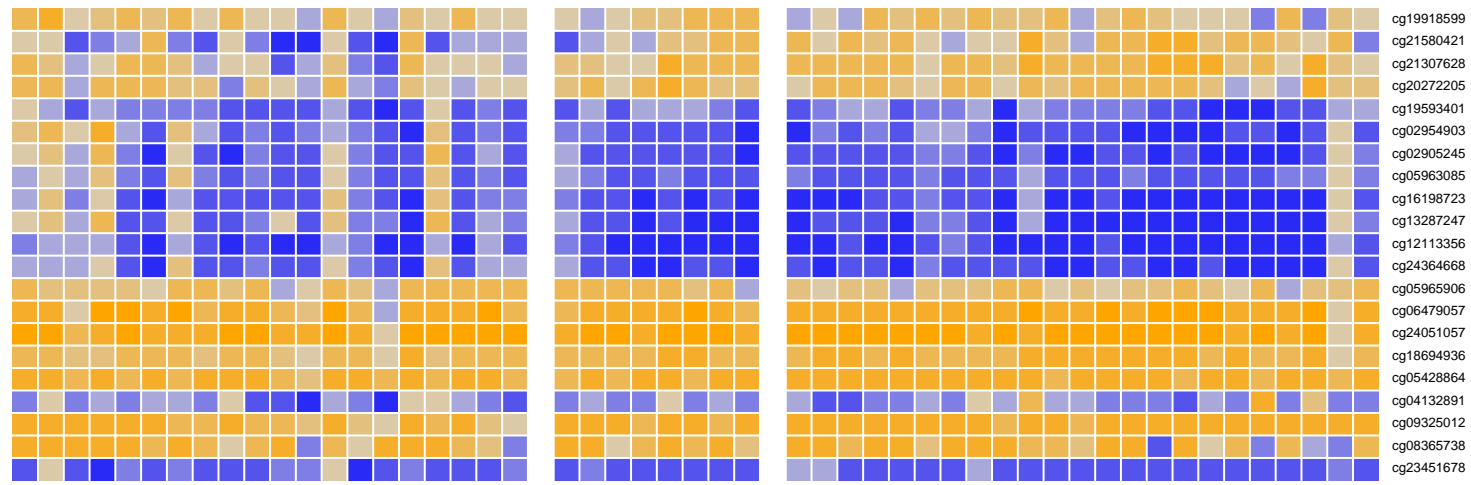
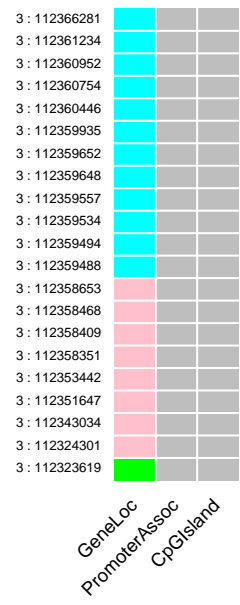
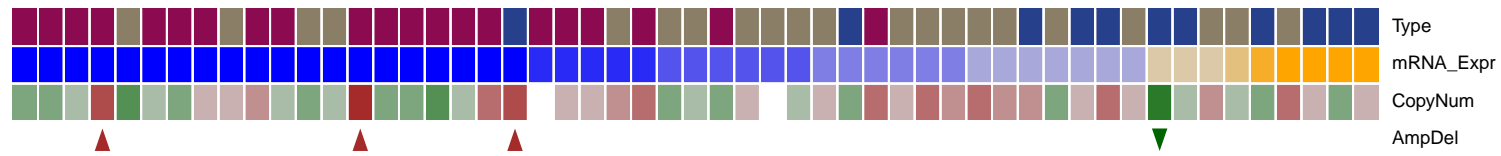
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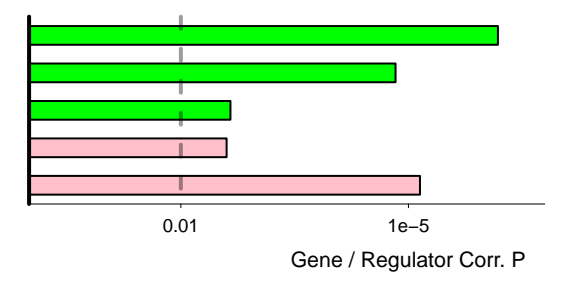
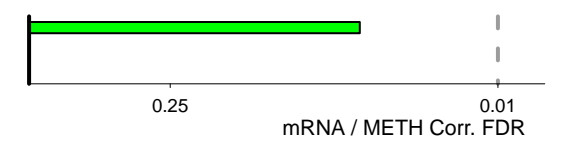
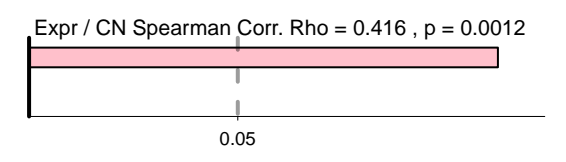
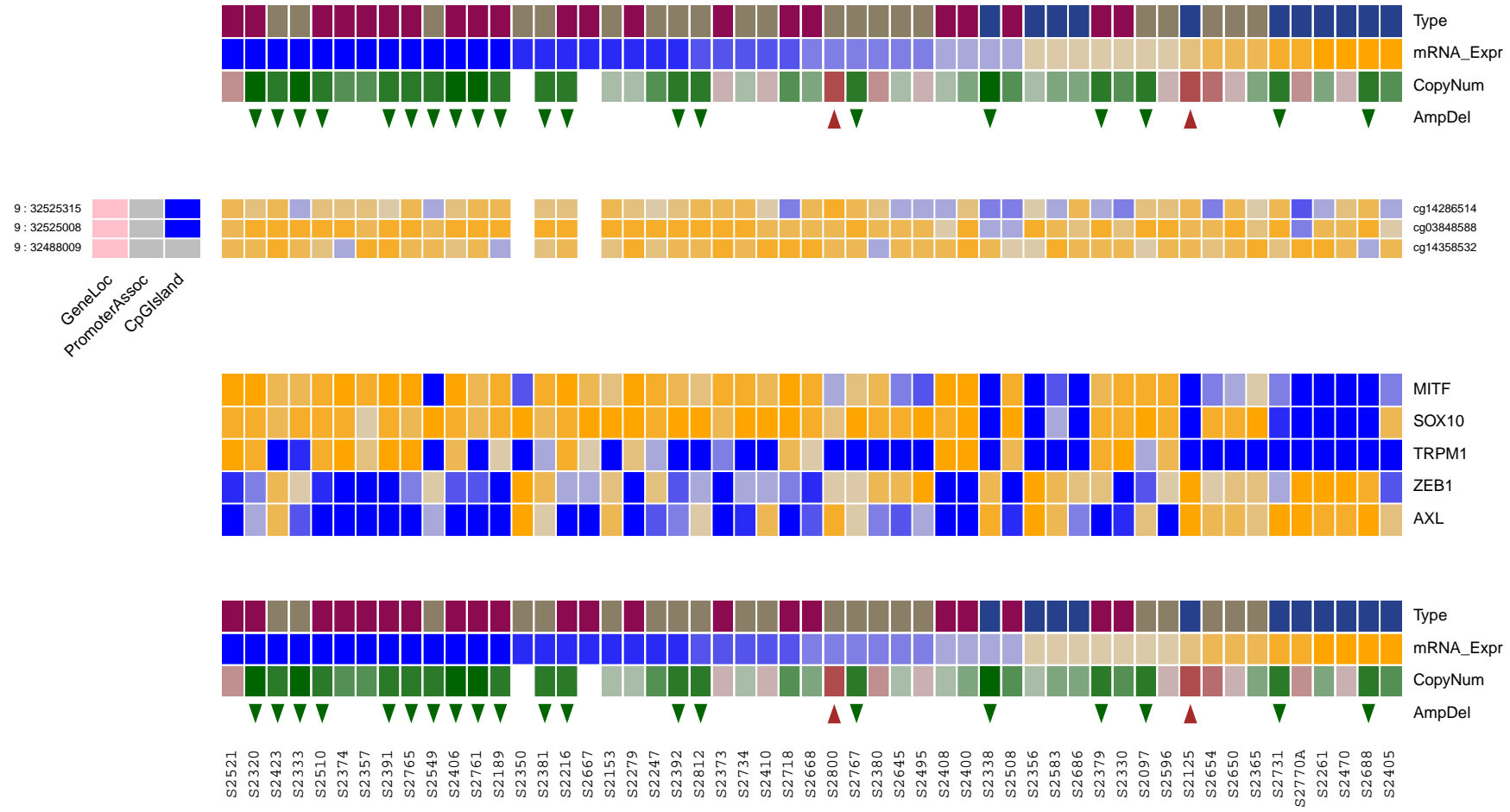
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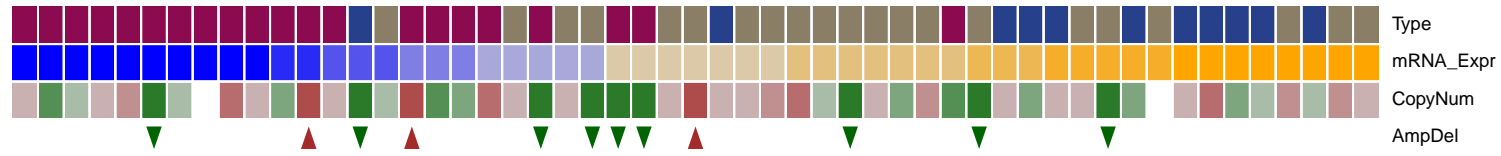
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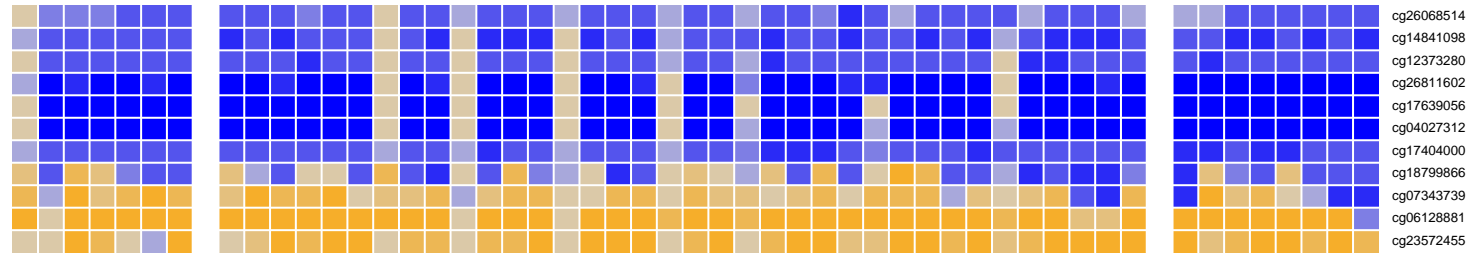


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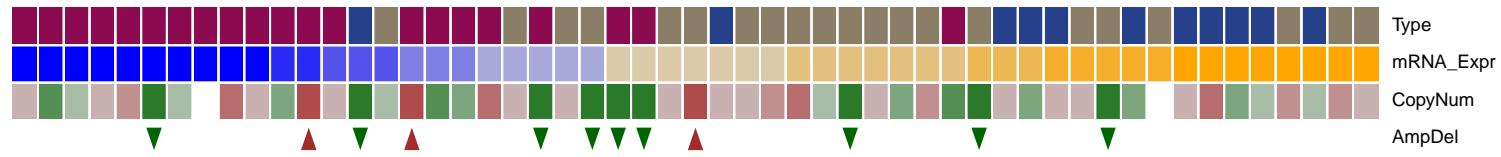
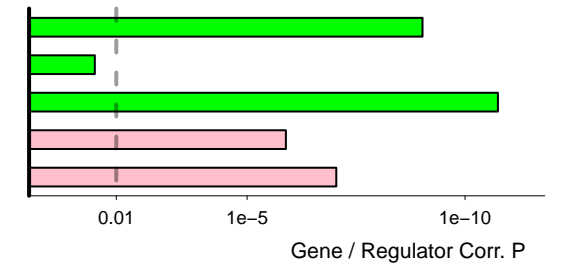
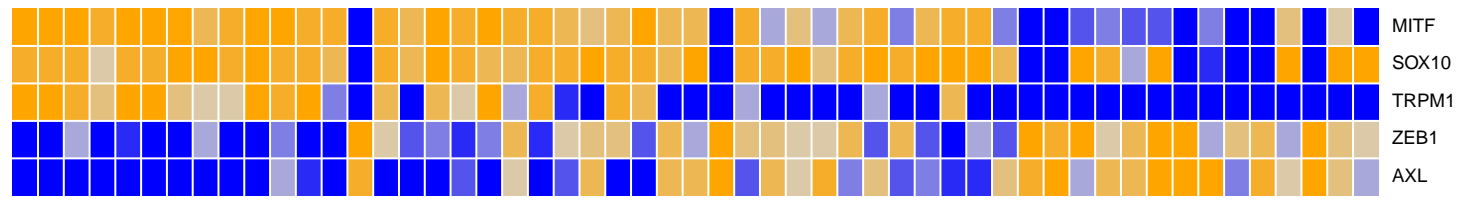
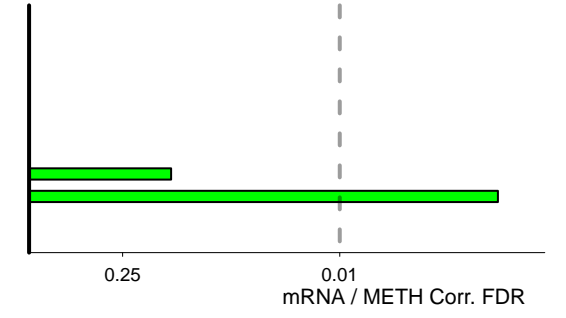
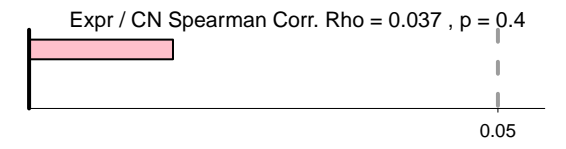


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 PromoterAssoc  
 CpGIsland

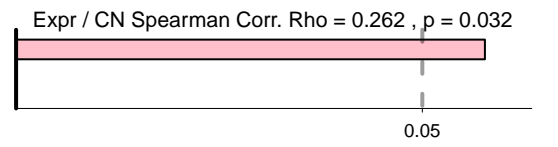
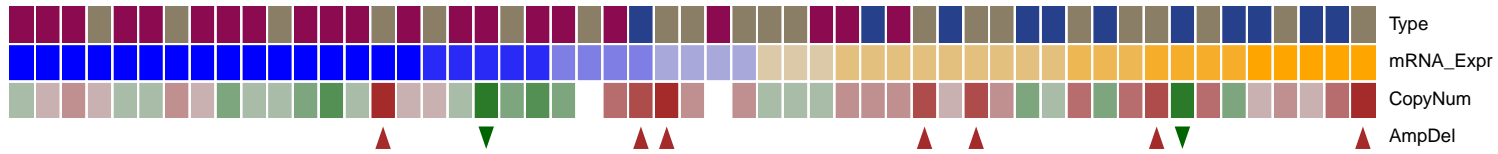


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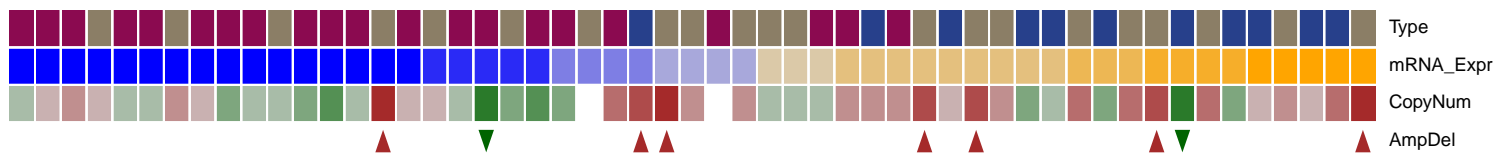
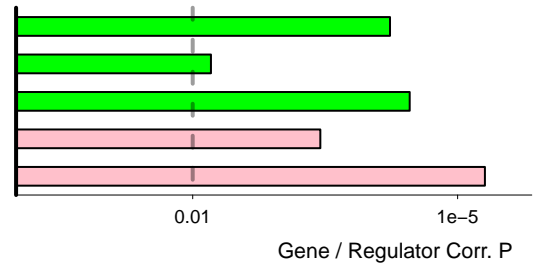
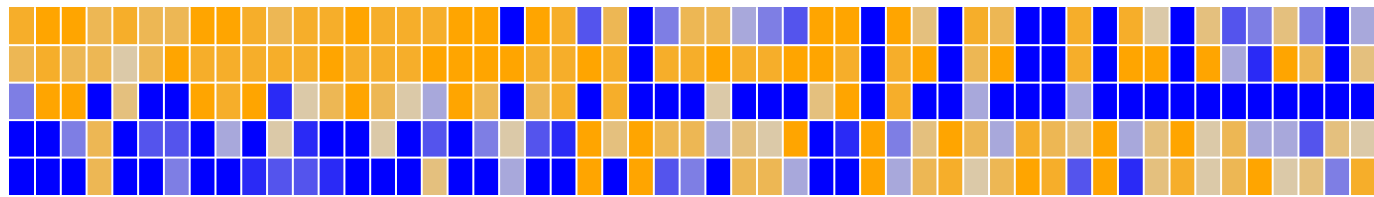
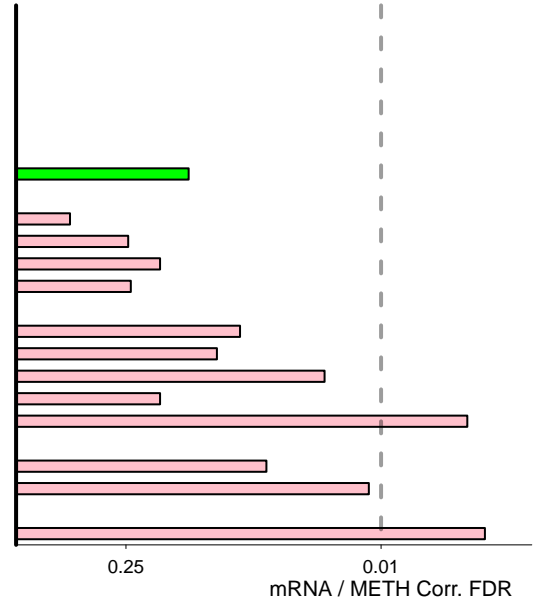
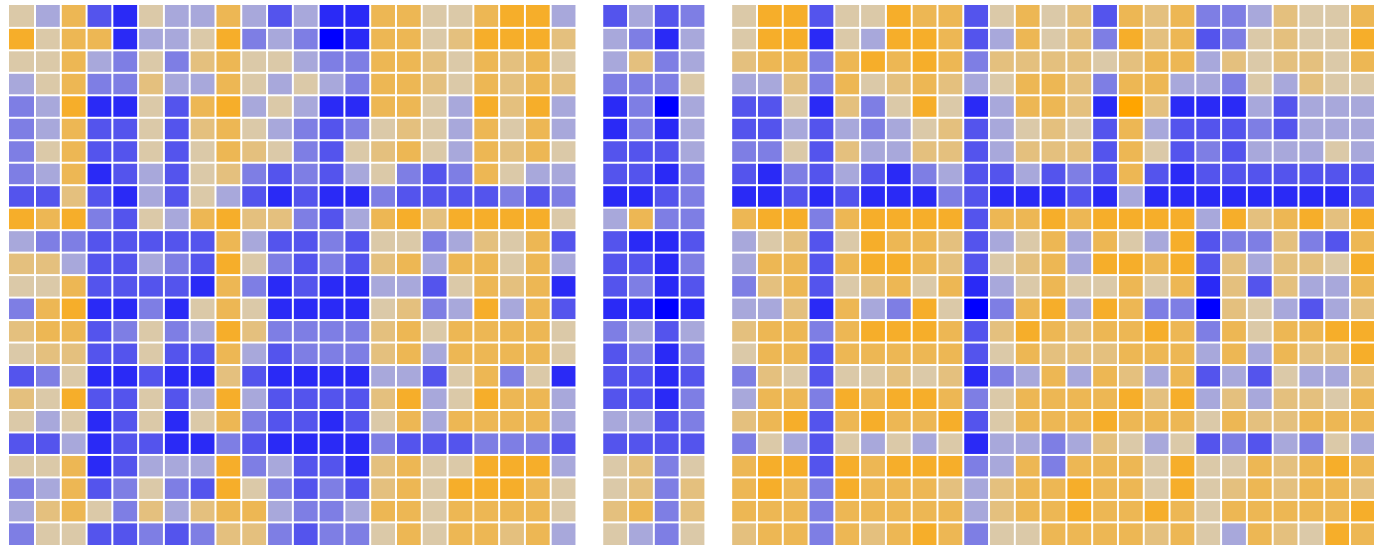
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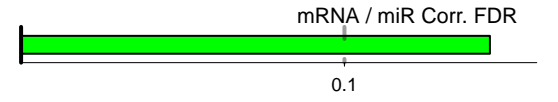
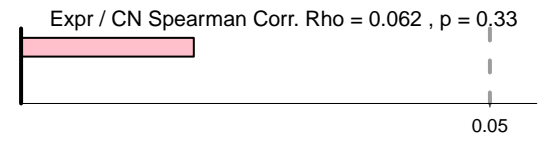
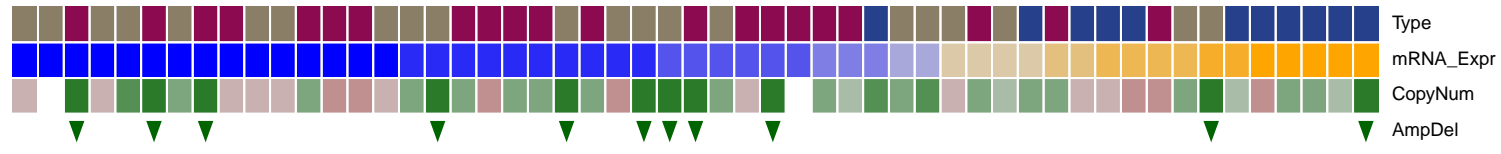
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CpGIsland



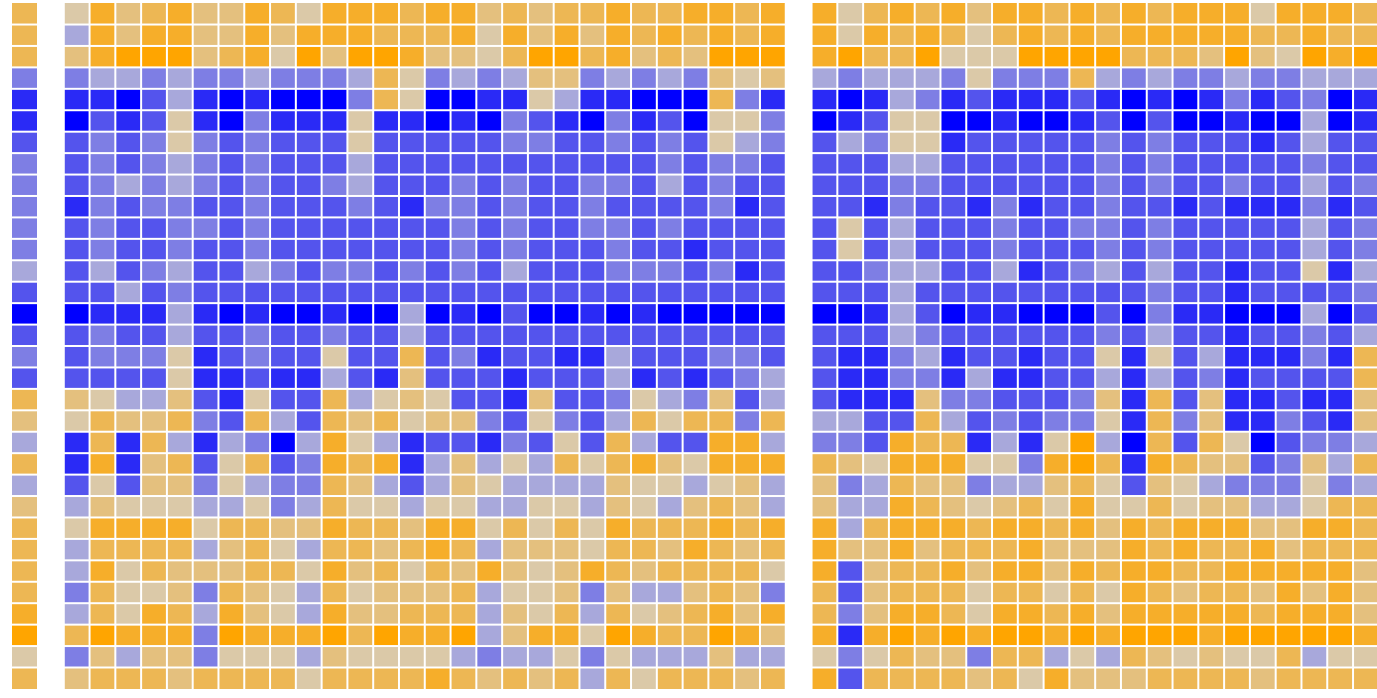
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# STC2

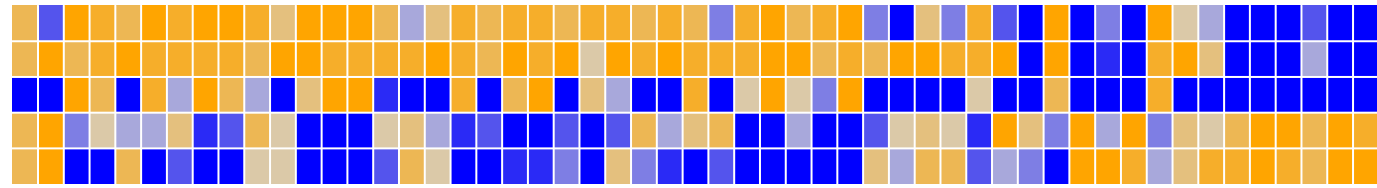
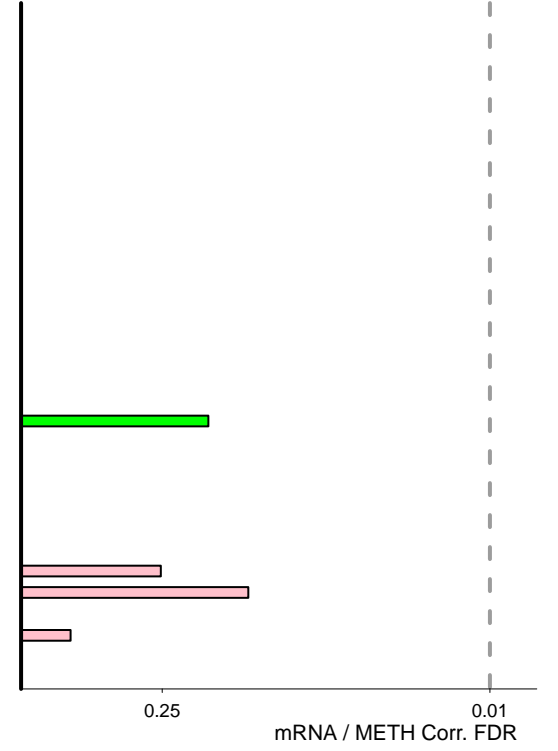


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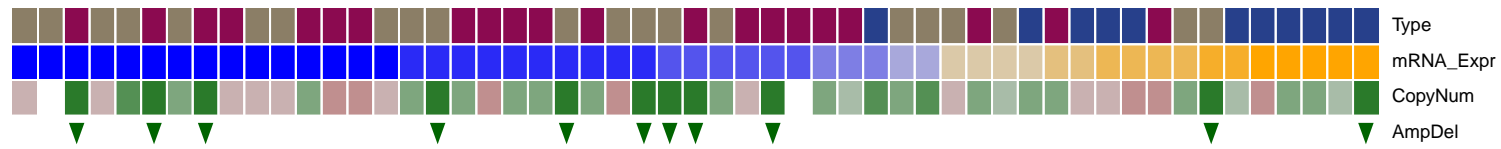
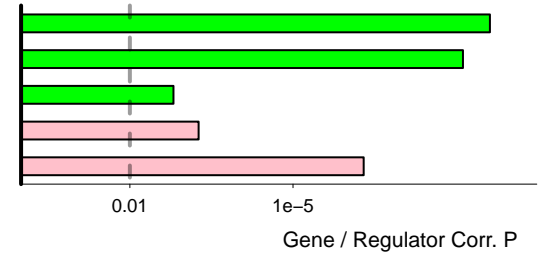
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CpGIsland



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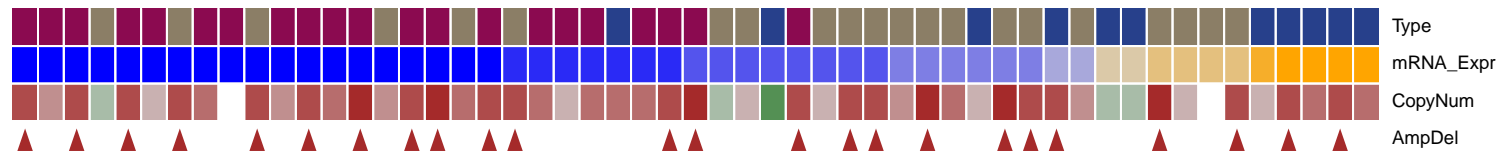


- MITF
- SOX10
- TRPM1
- ZEB1
- AXL



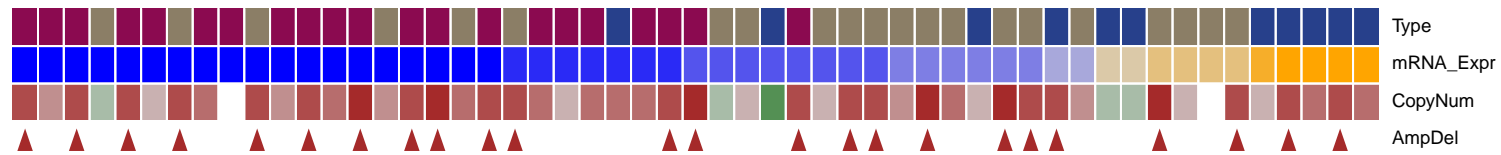
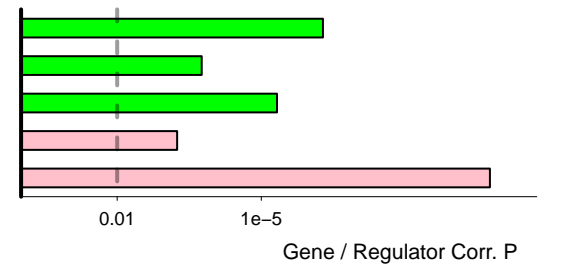
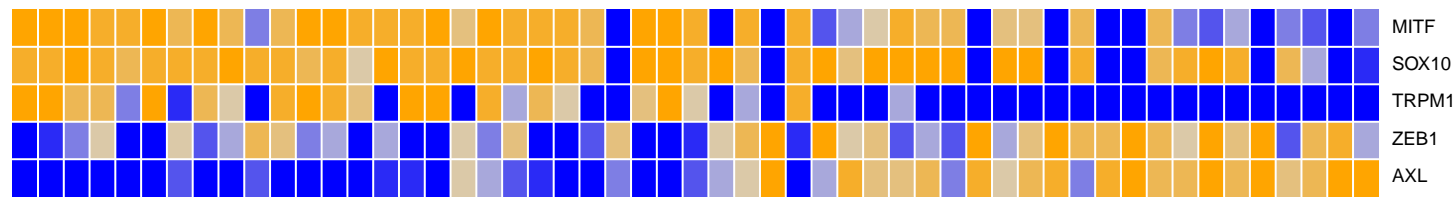
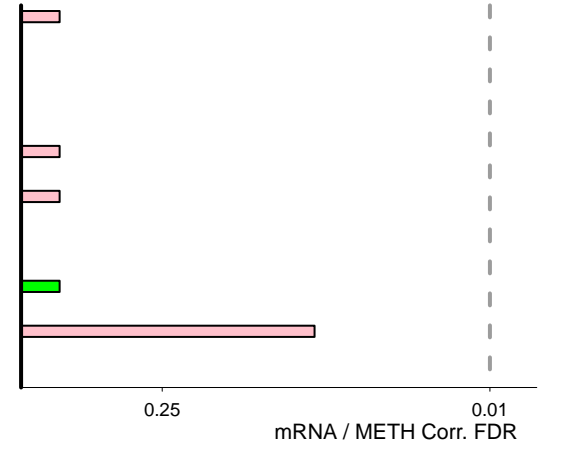
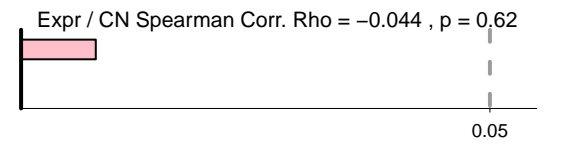
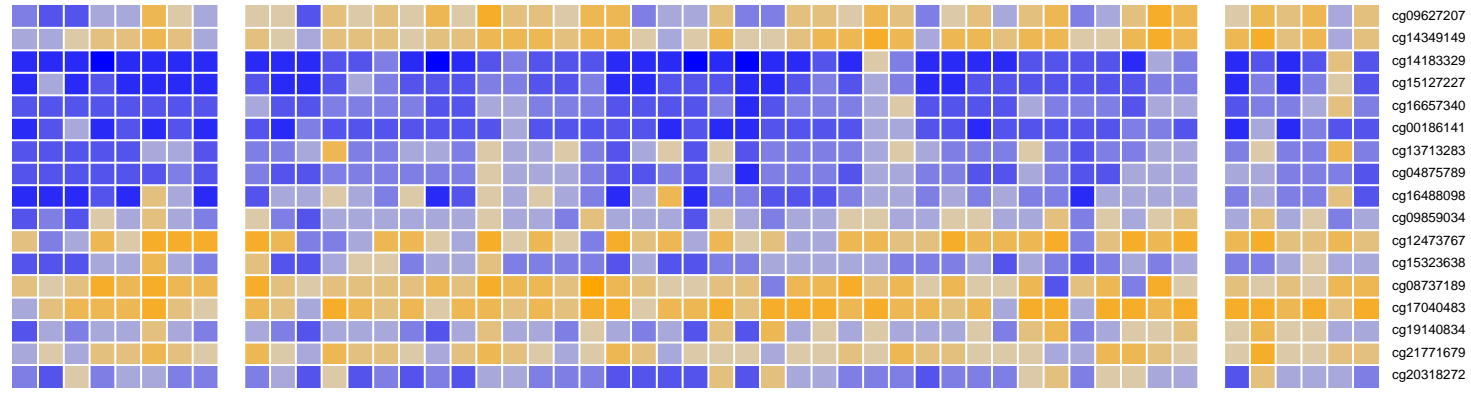
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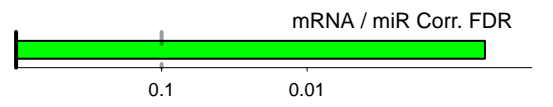
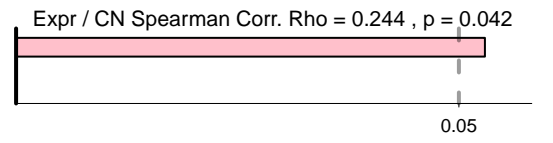
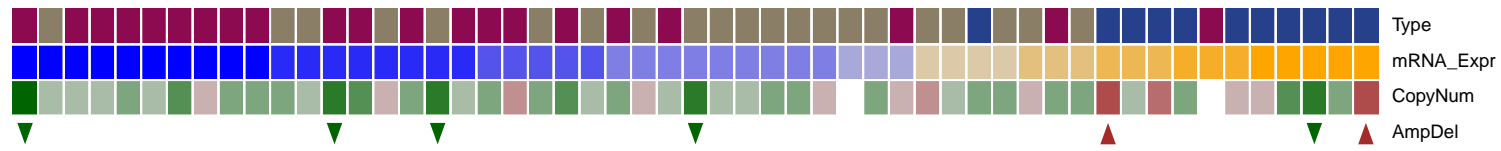
GeneLoc  
 PromoterAssoc  
 CpGIsland



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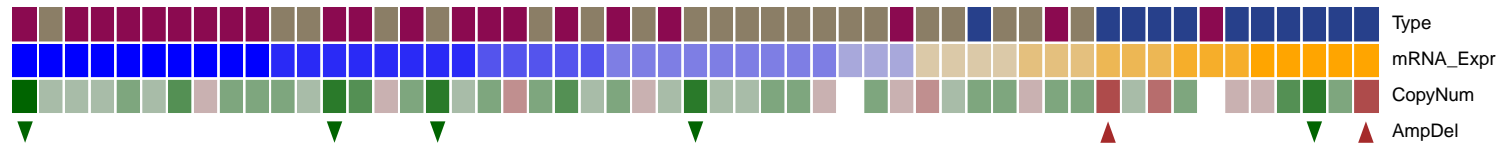
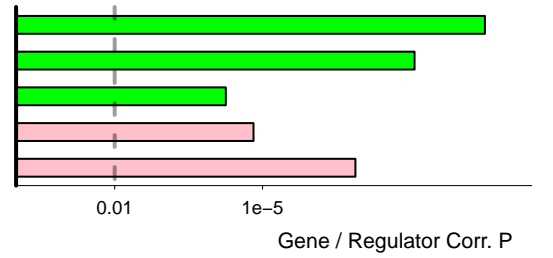
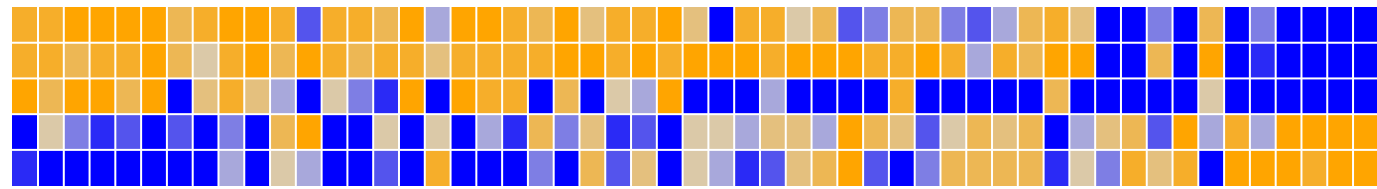
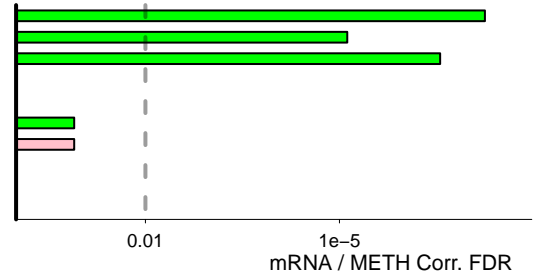
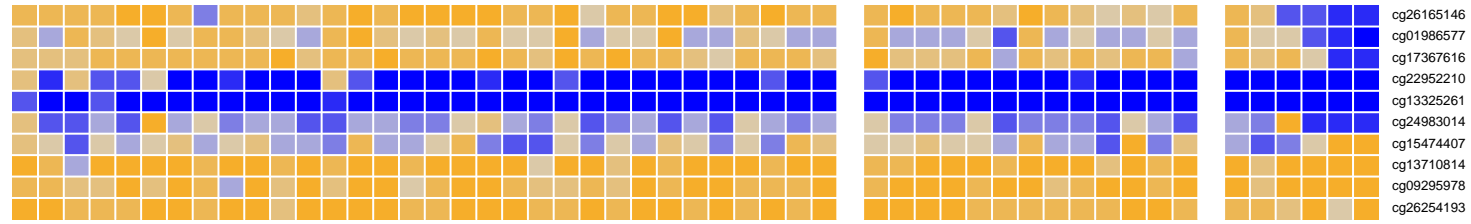


# ARNTL2



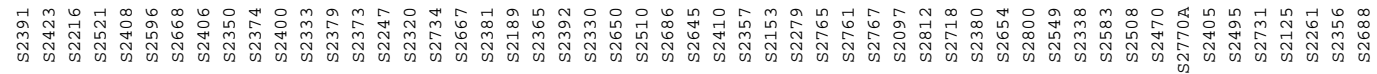
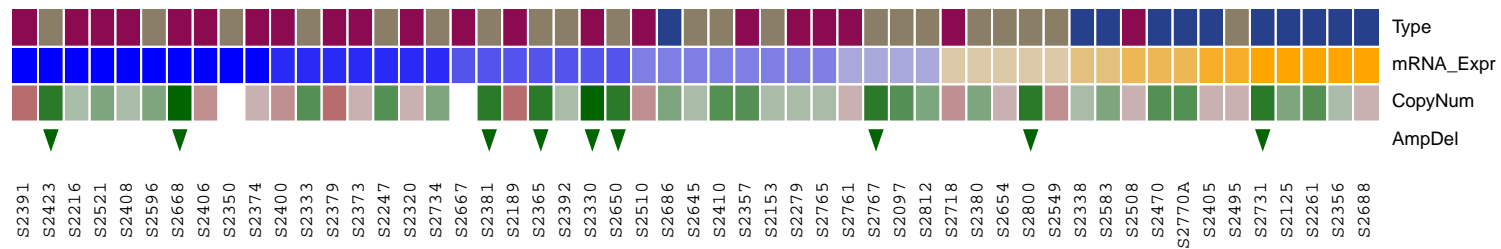
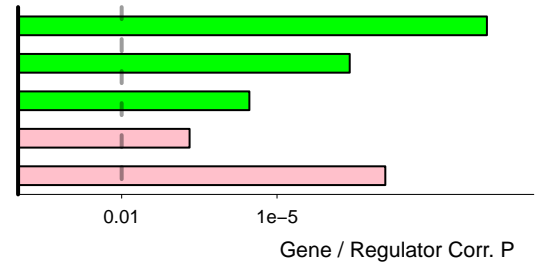
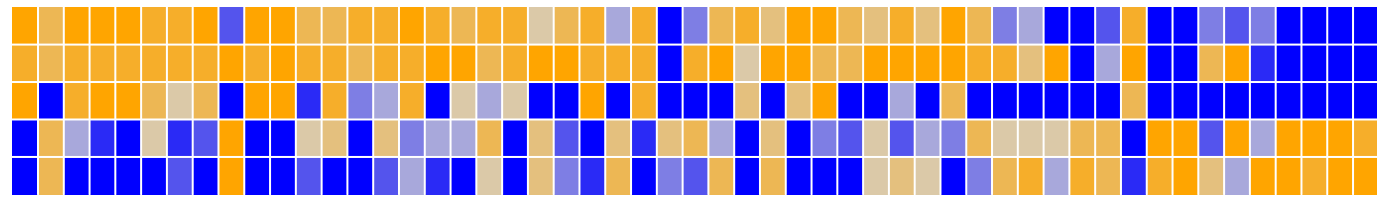
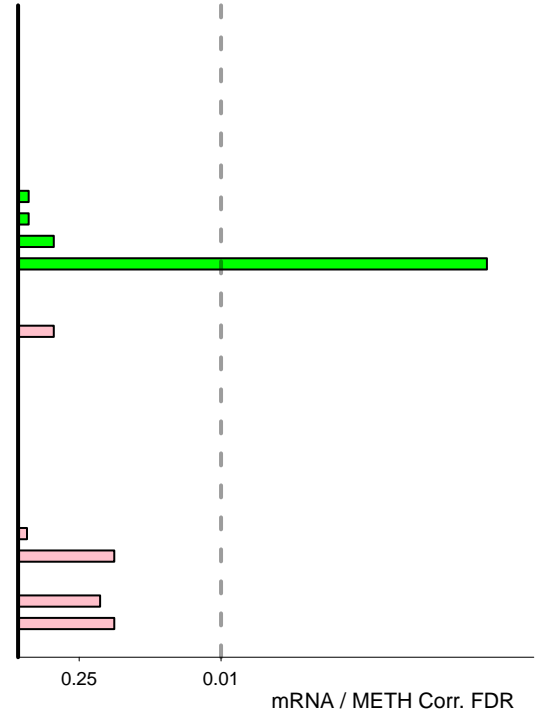
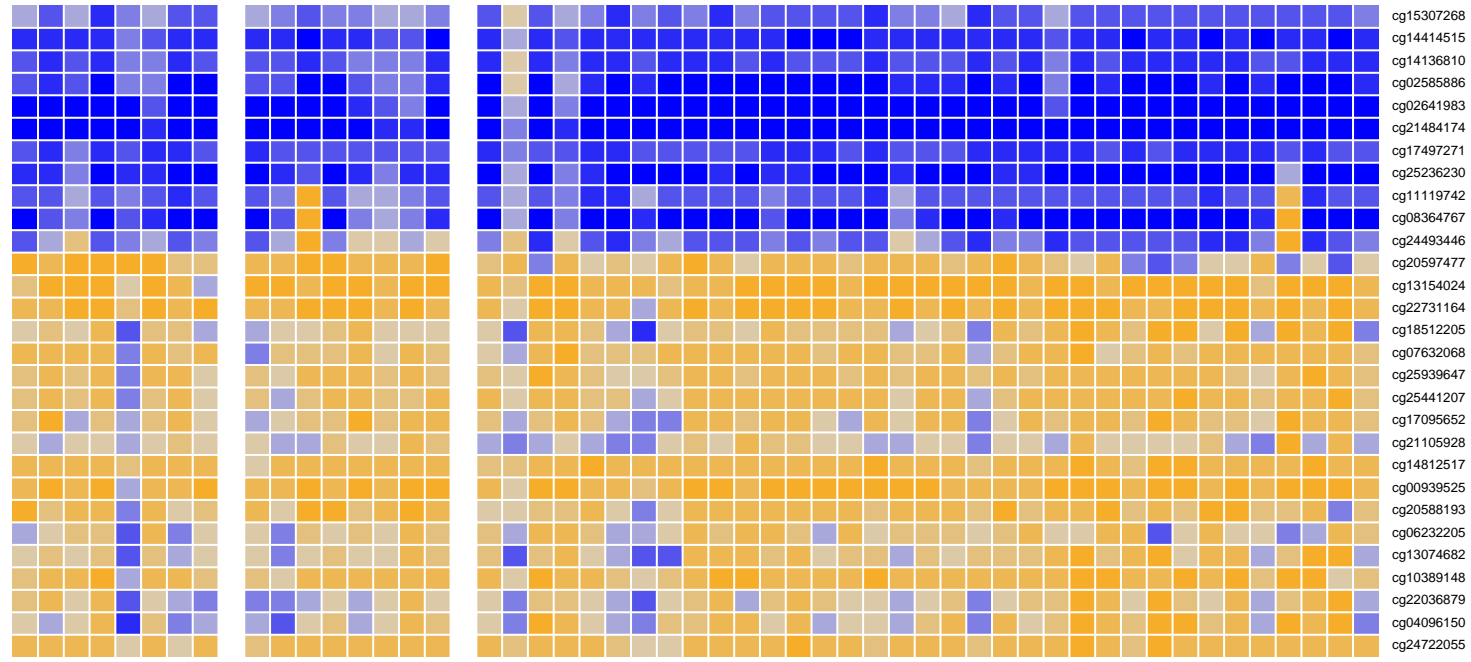
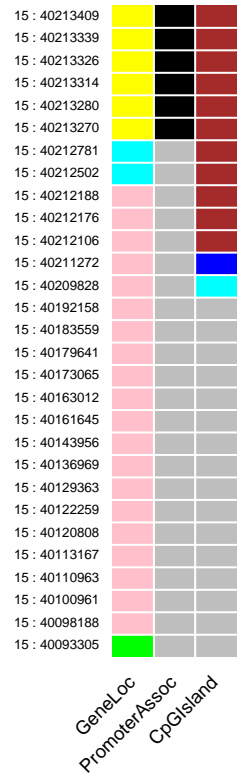
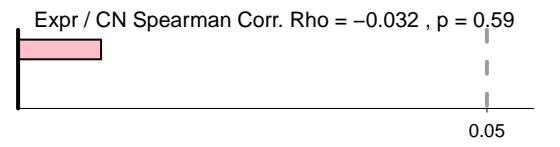
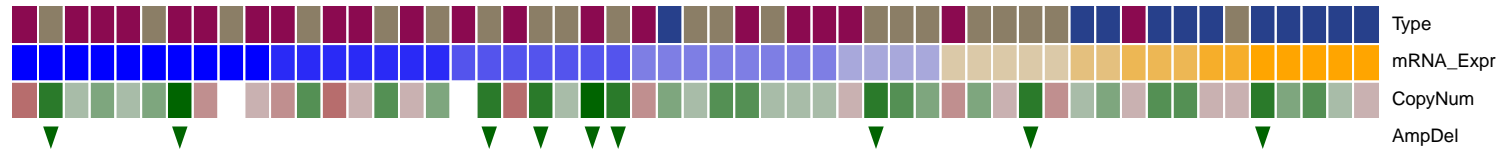
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GeneLoc  
PromoterAssoc  
CpGIsland

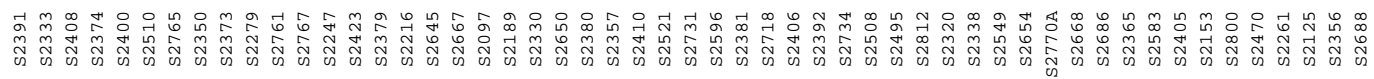
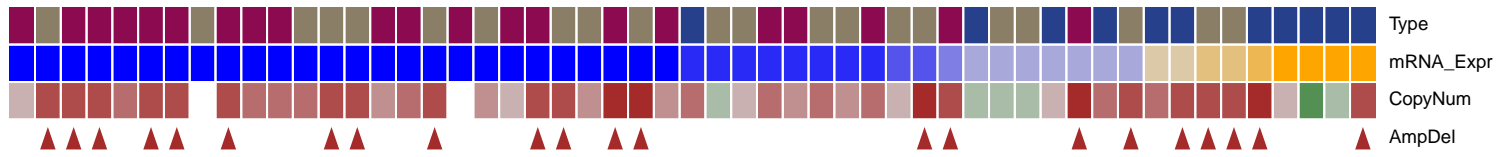
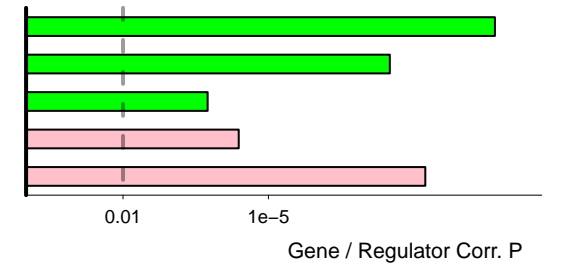
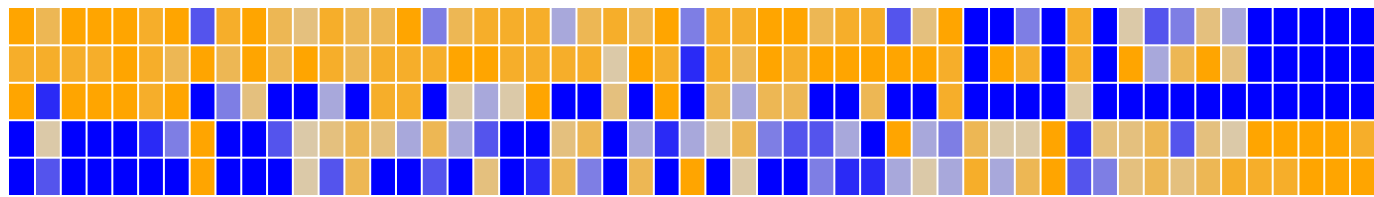
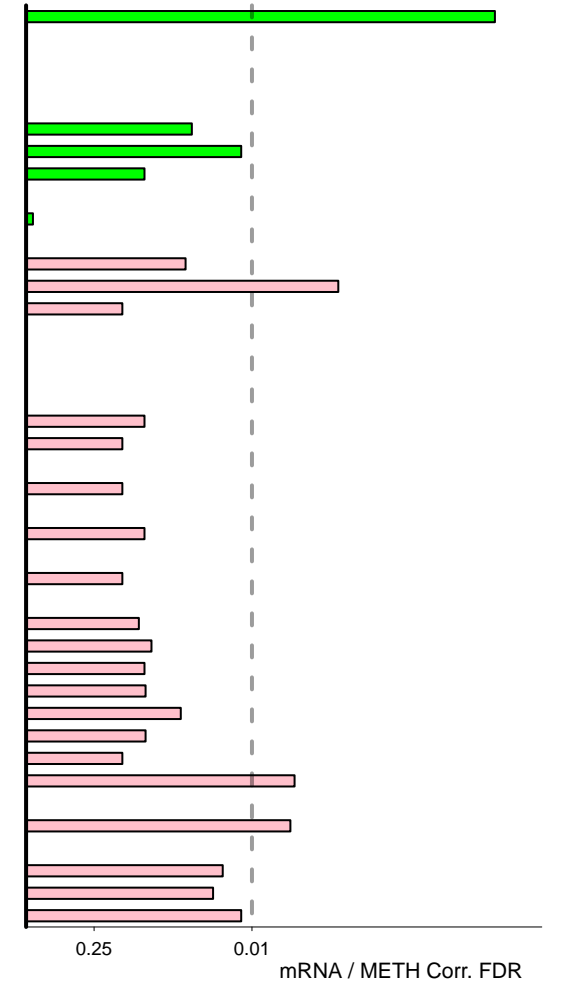
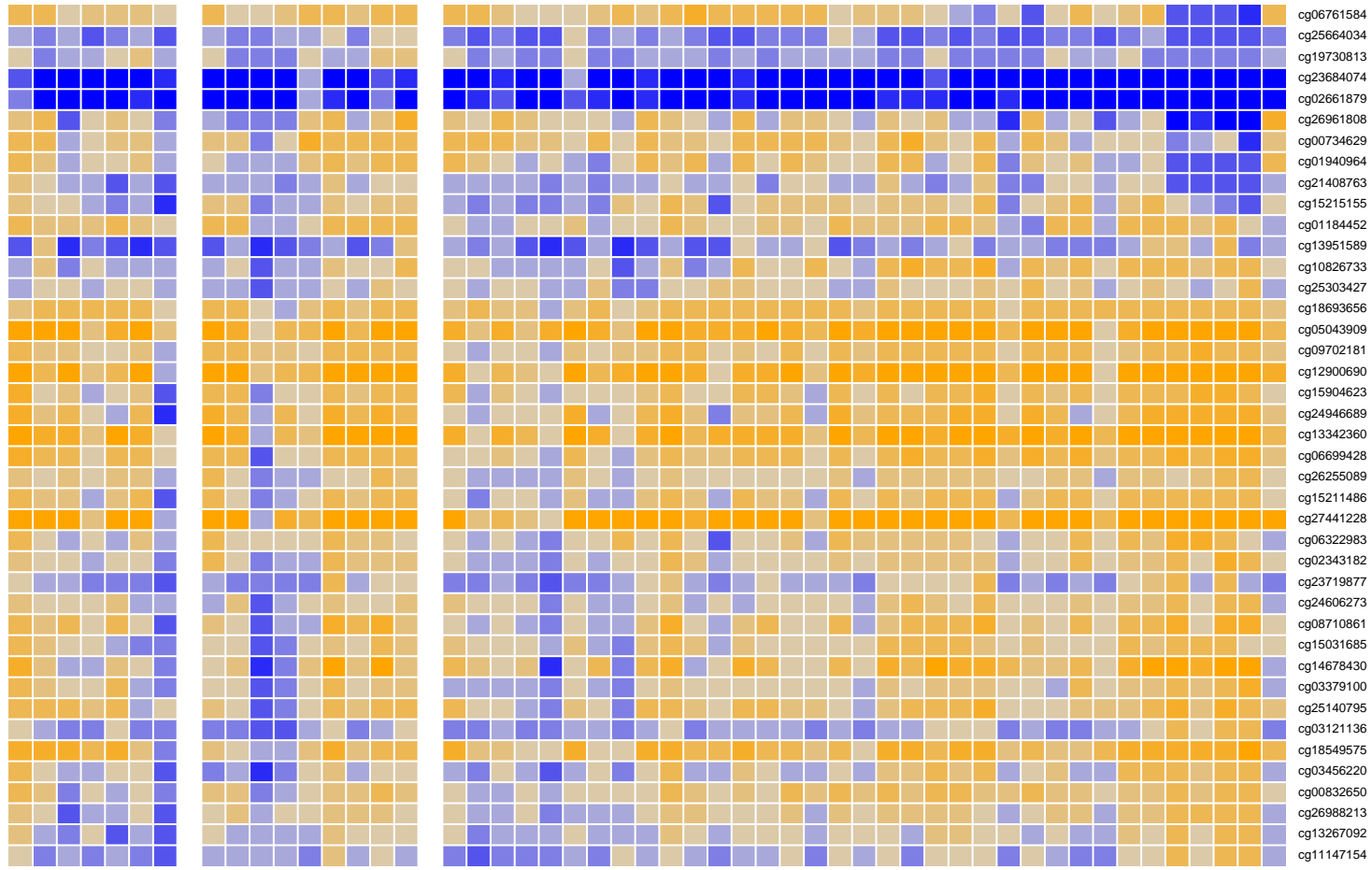
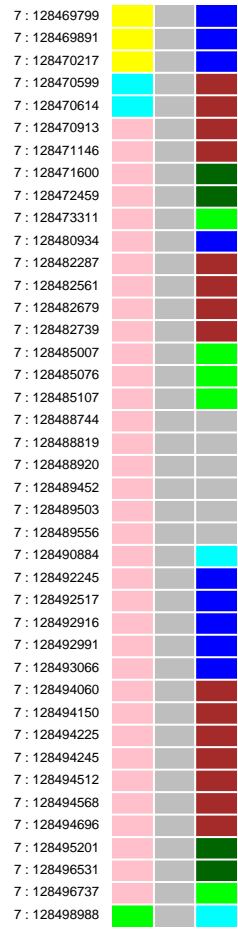
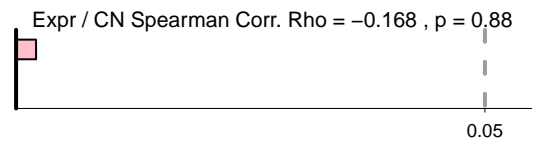
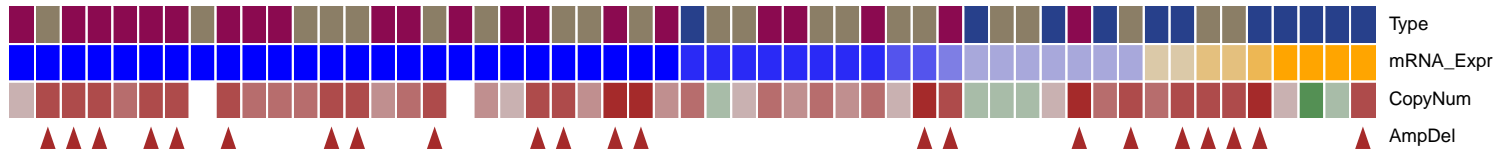


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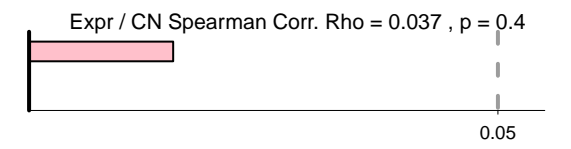
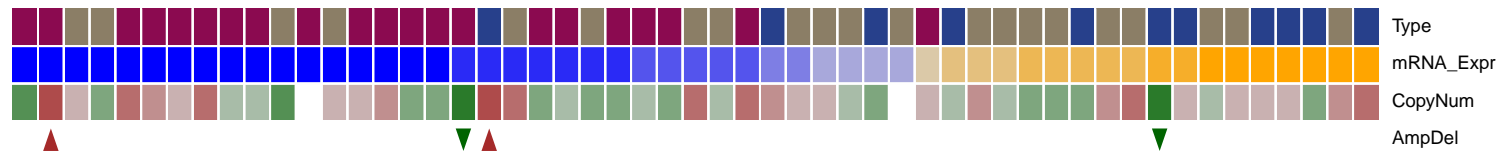
# GPR176



# FLNC

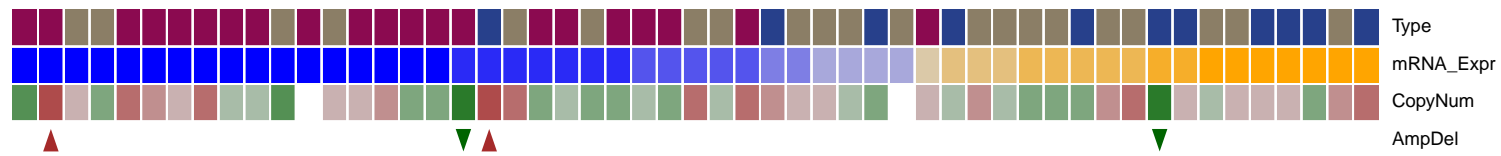
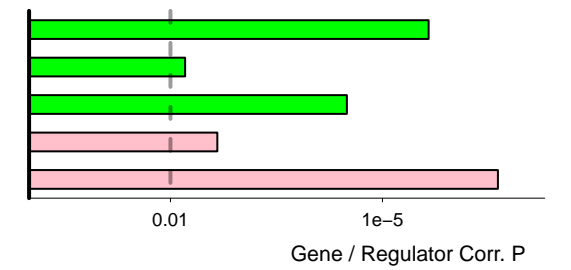
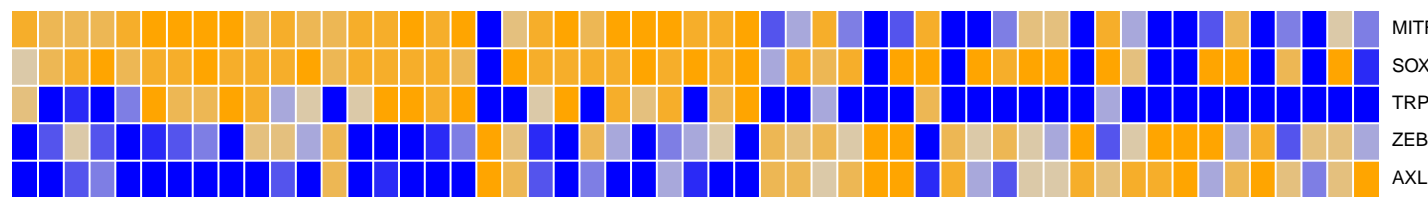
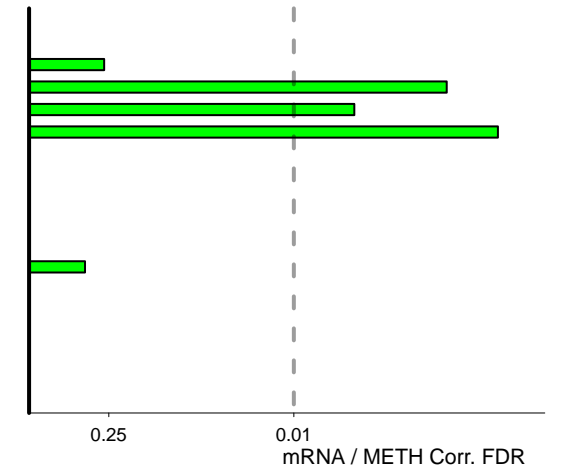
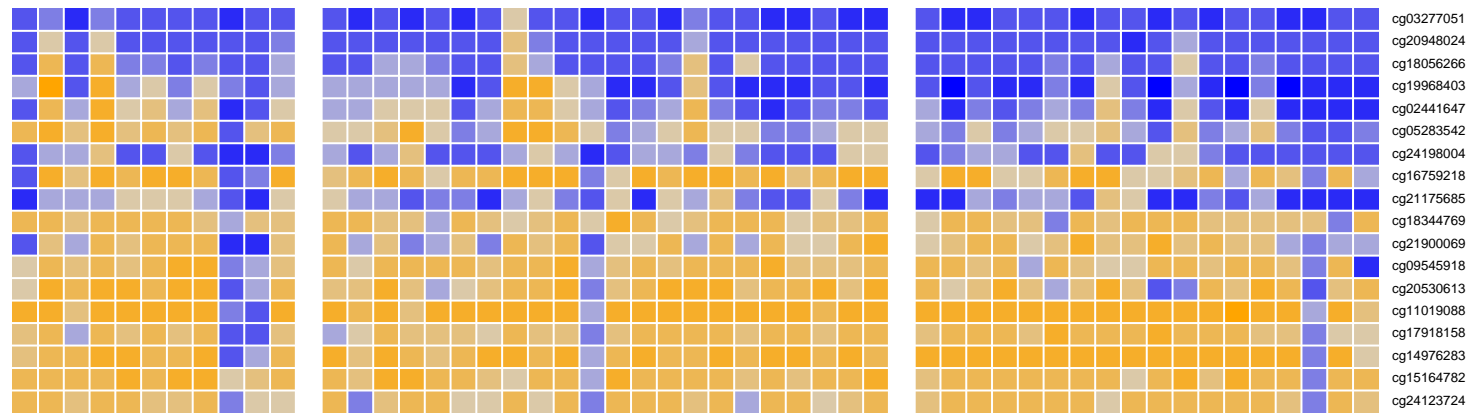


# COL8A1



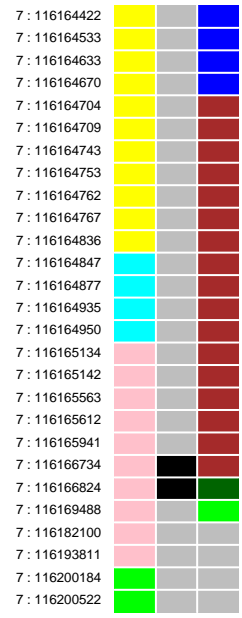
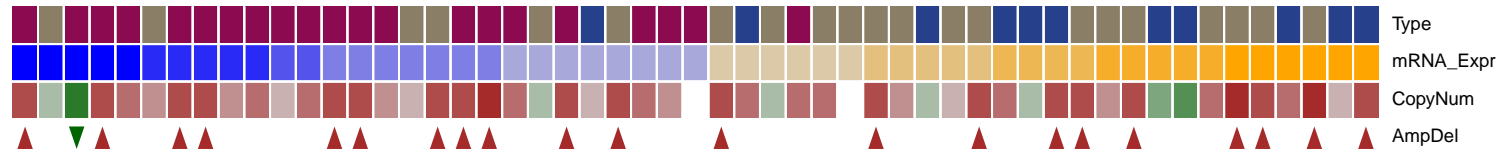
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GeneLoc  
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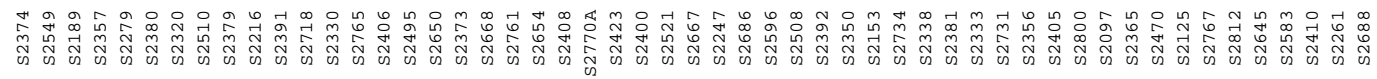
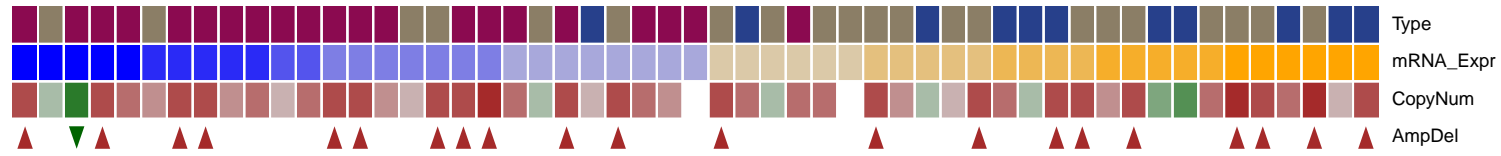
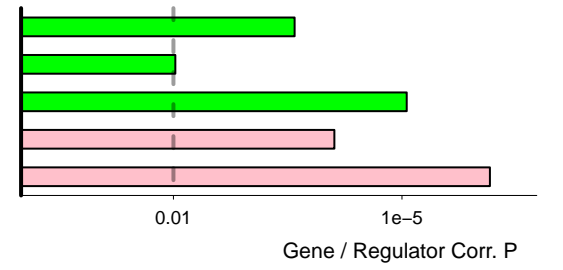
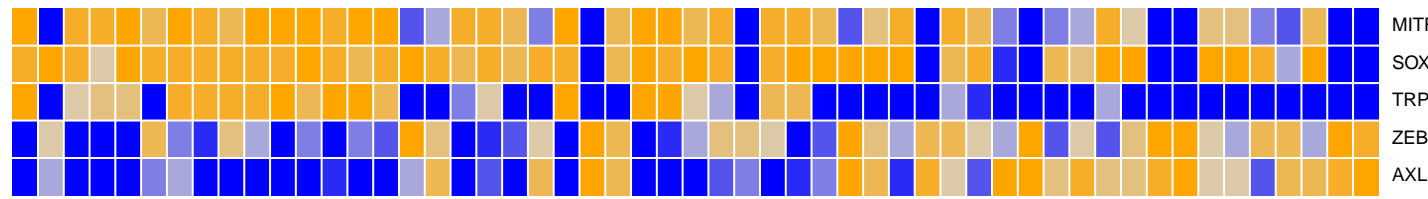
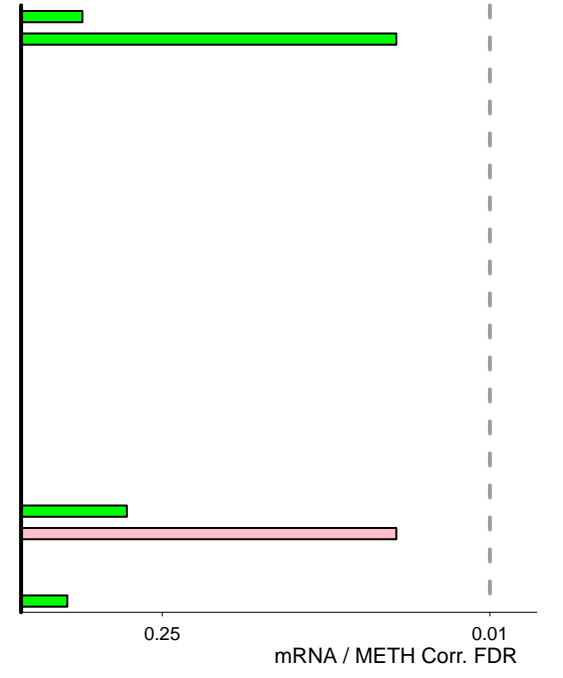
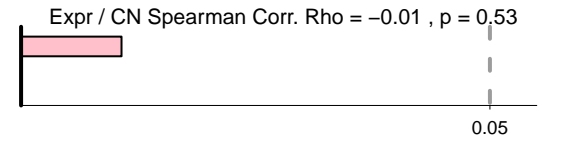
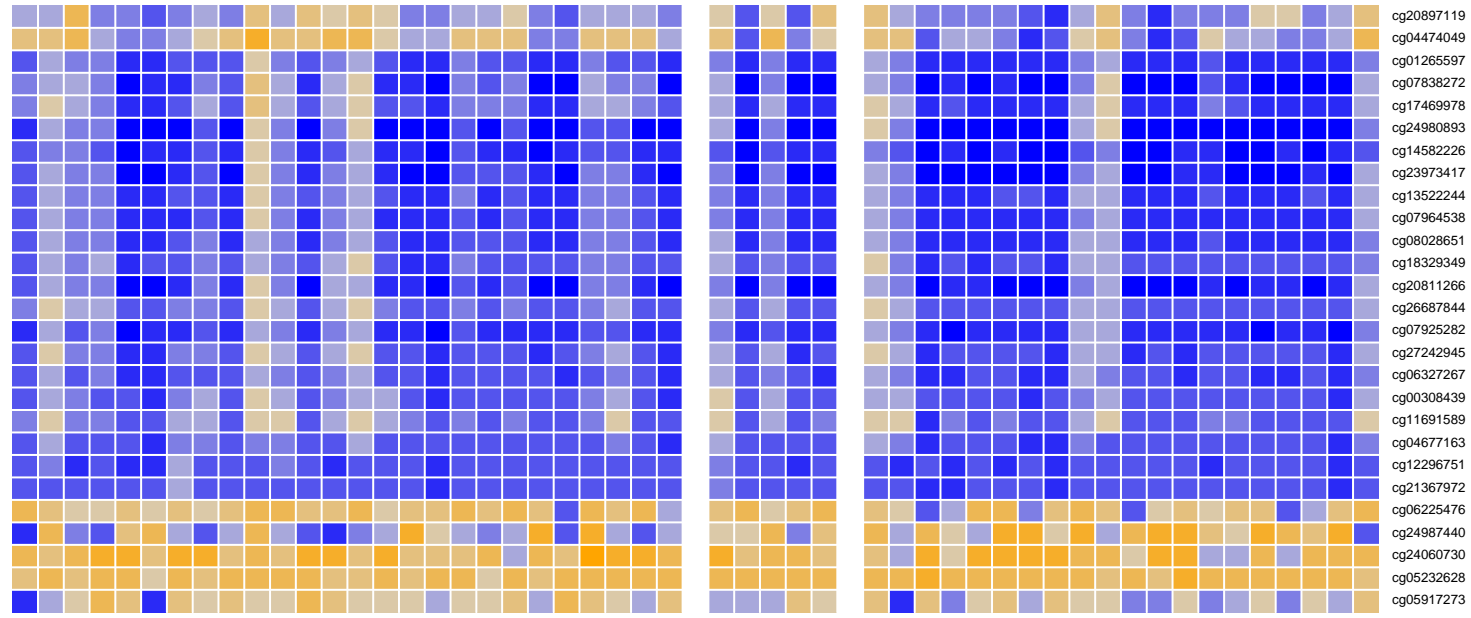


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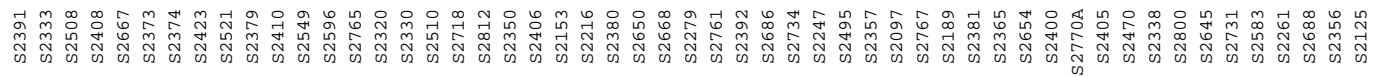
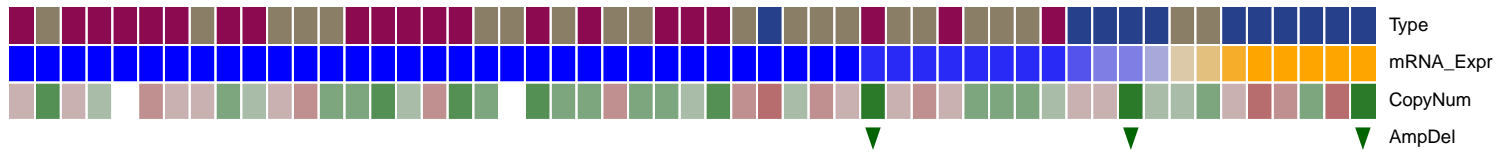
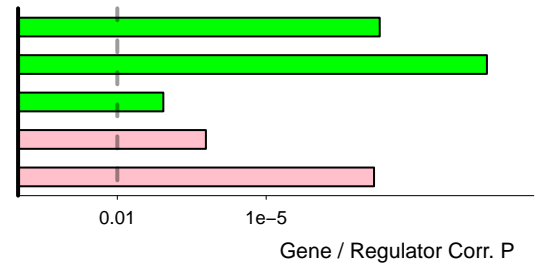
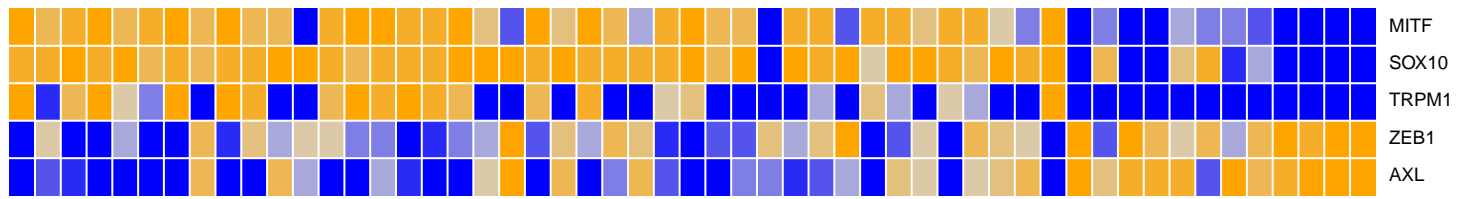
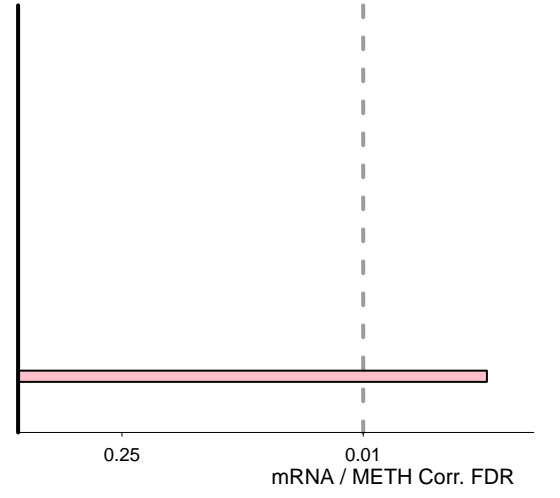
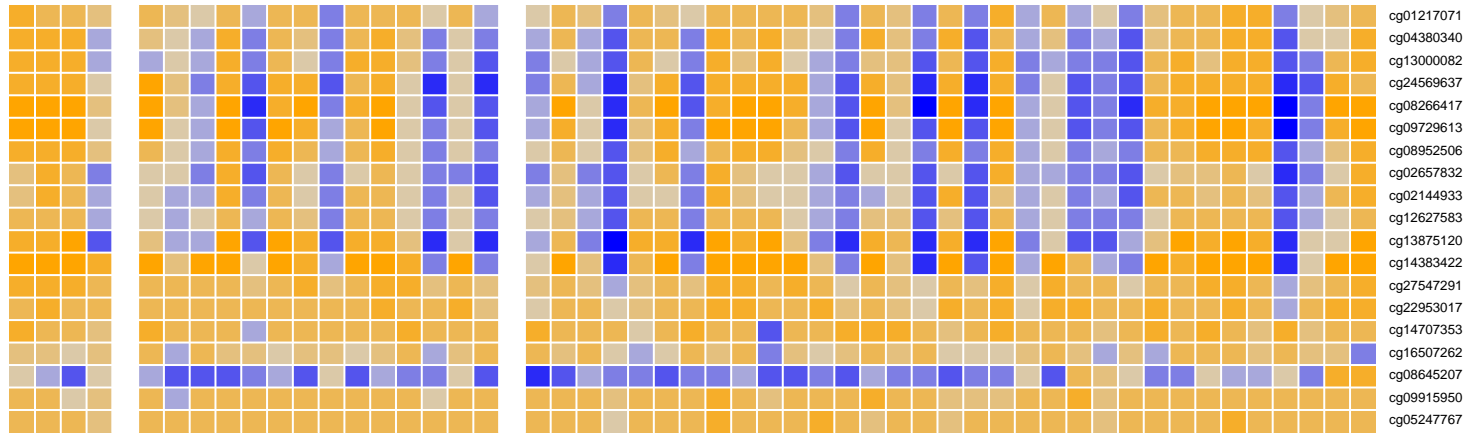
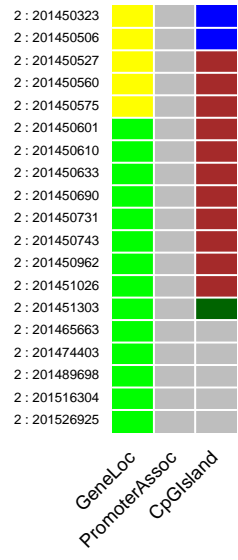
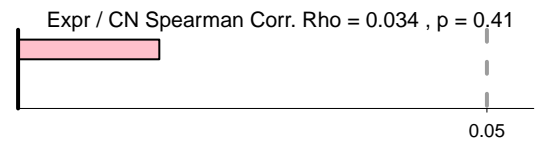
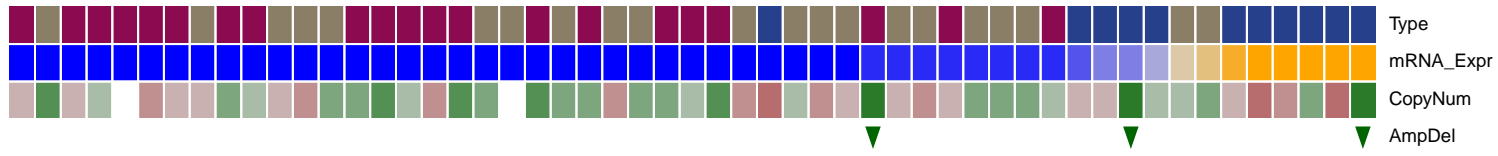
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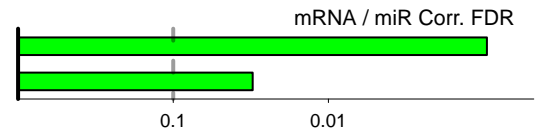
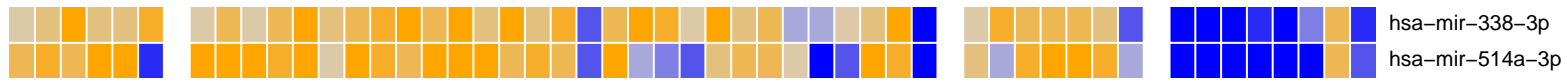
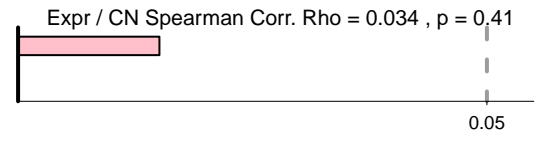
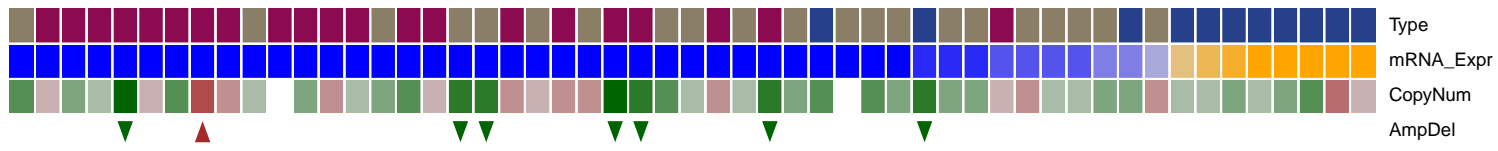
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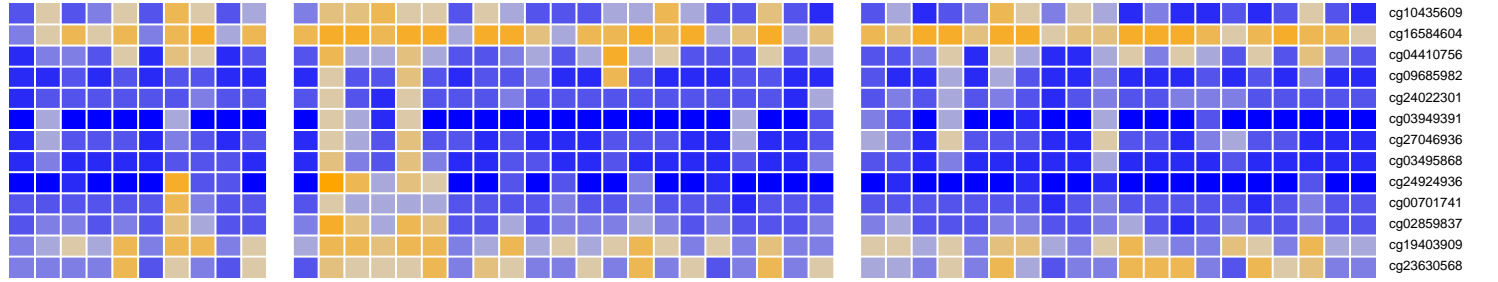


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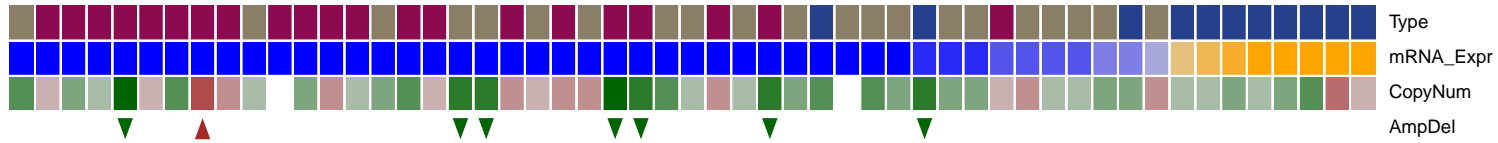
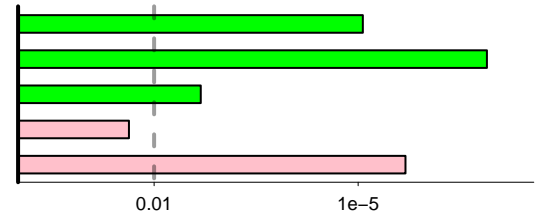
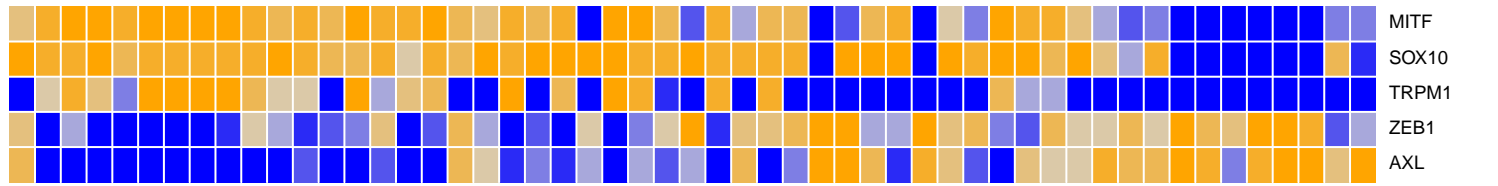
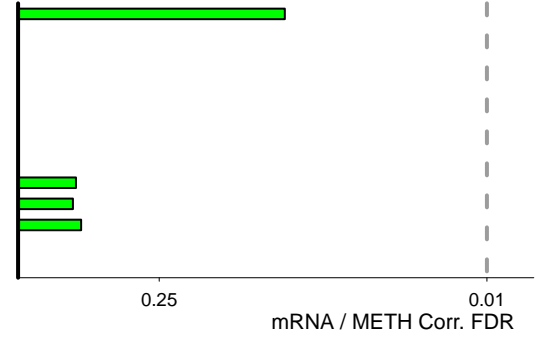


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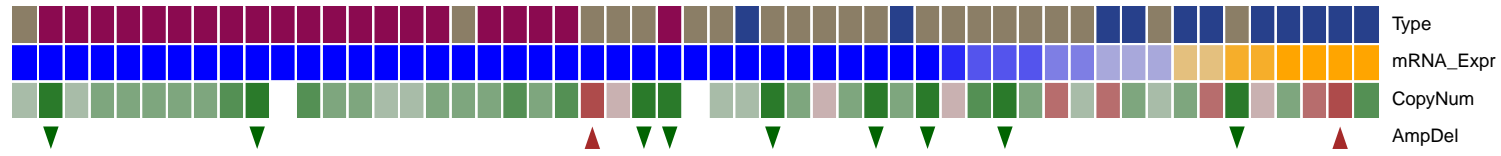
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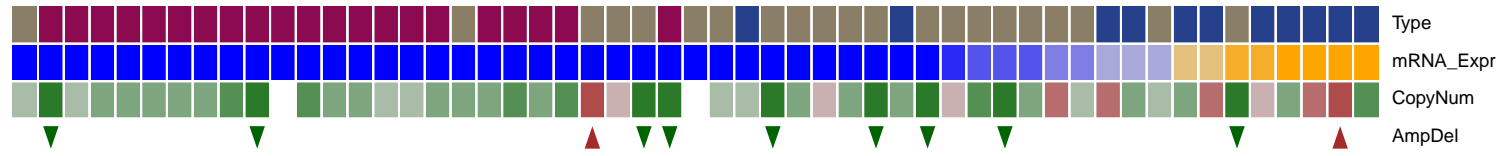
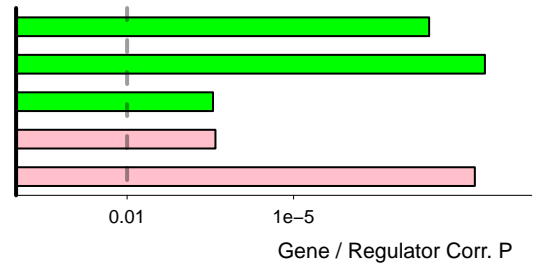
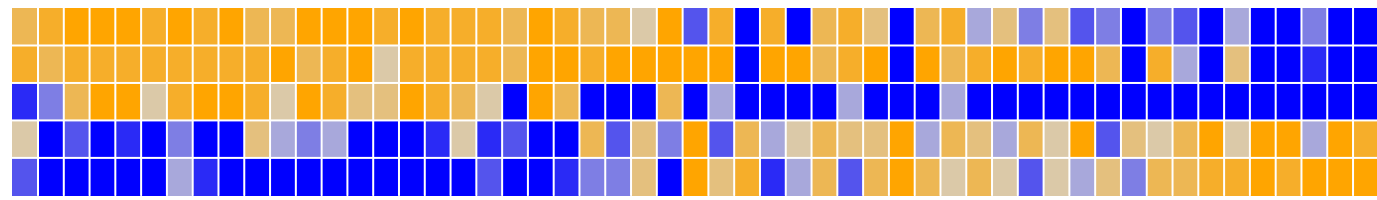
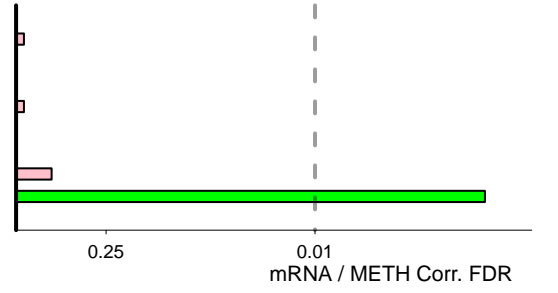
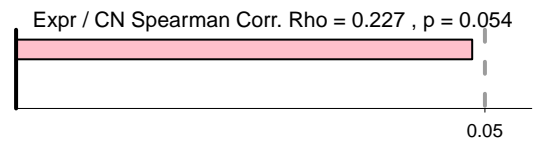
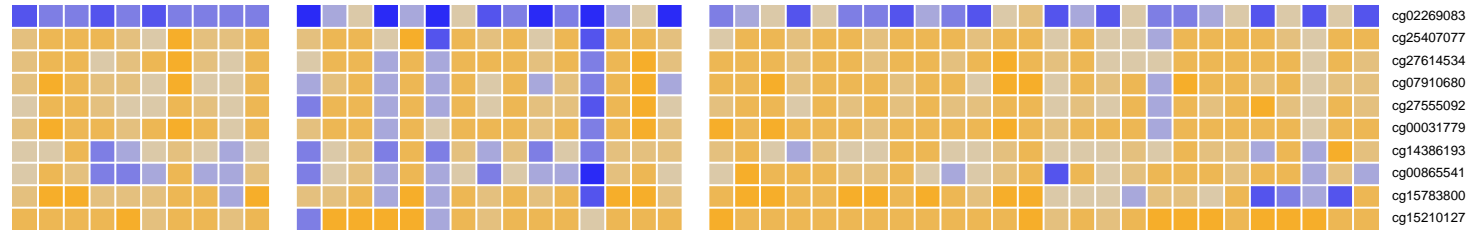
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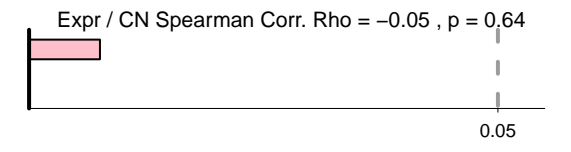
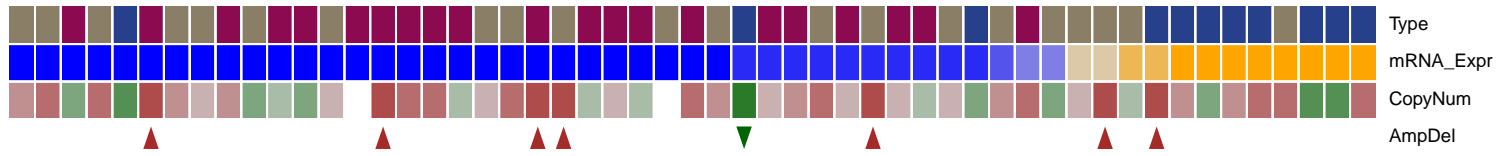
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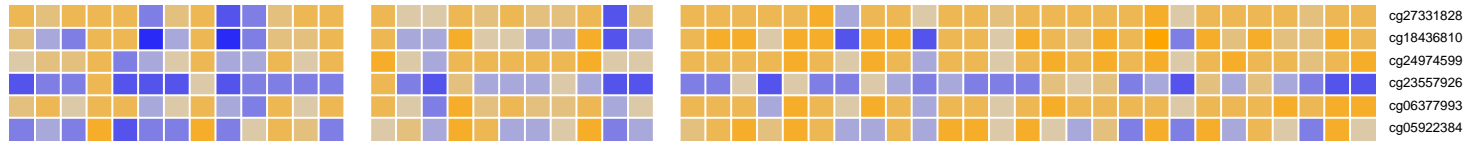


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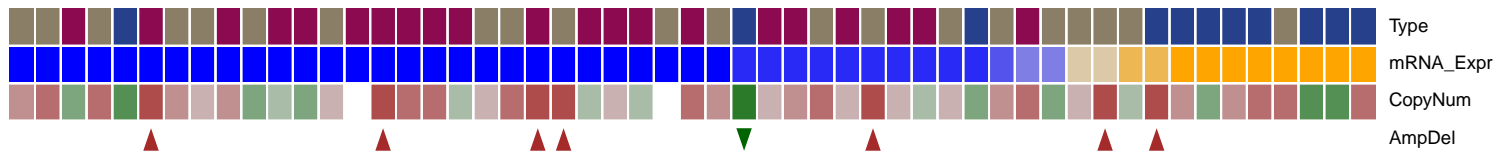
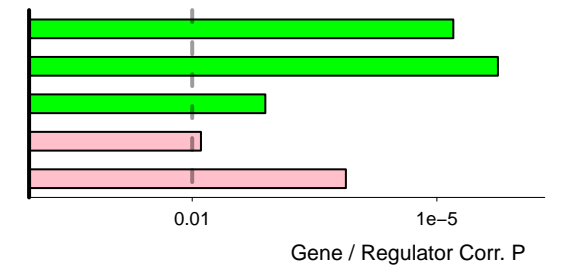
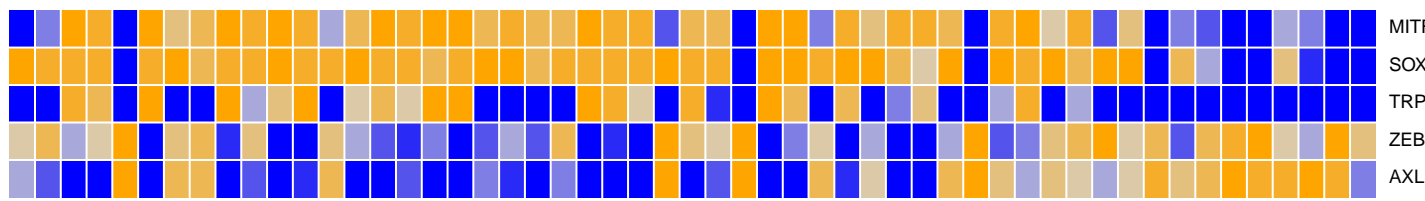
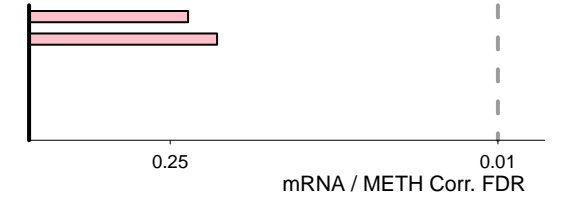


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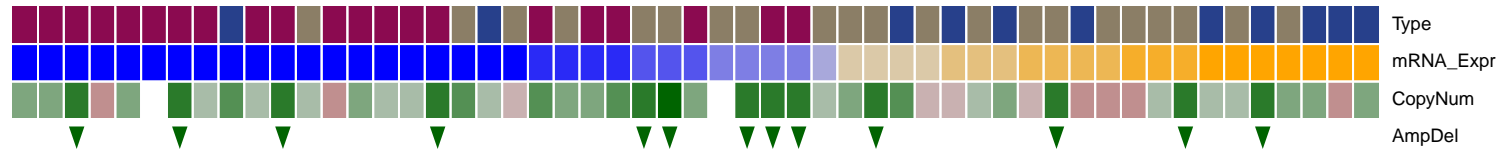
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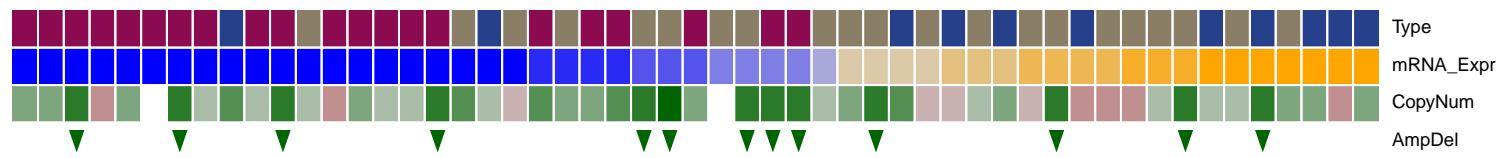
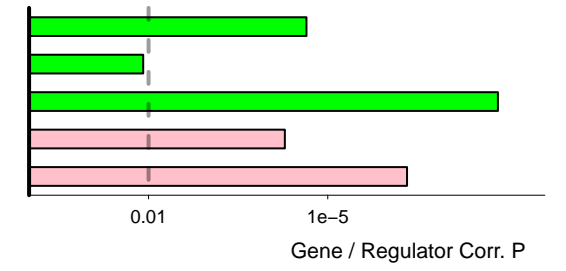
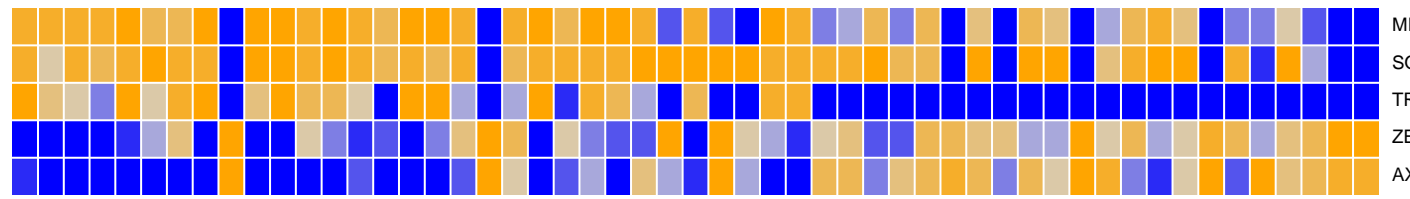
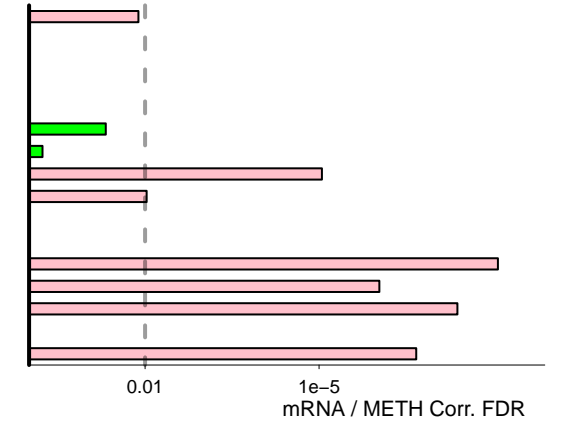
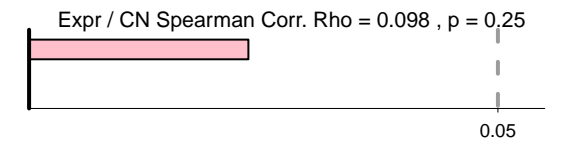
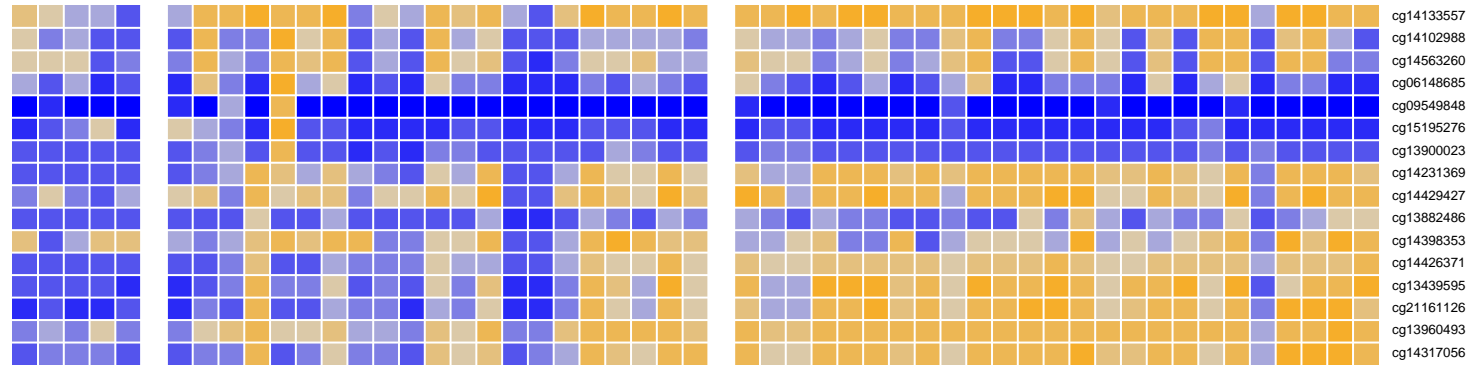
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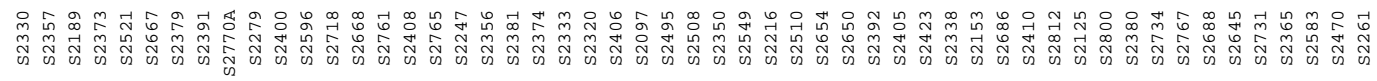


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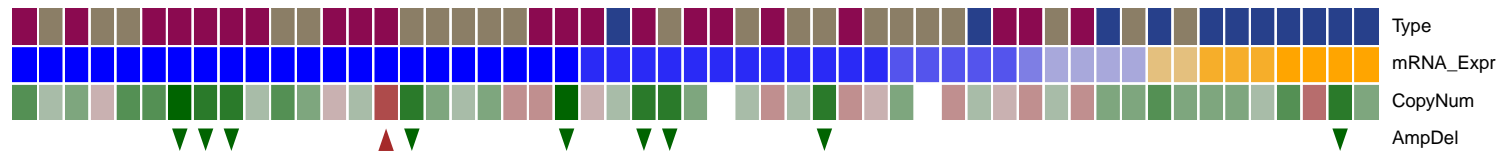
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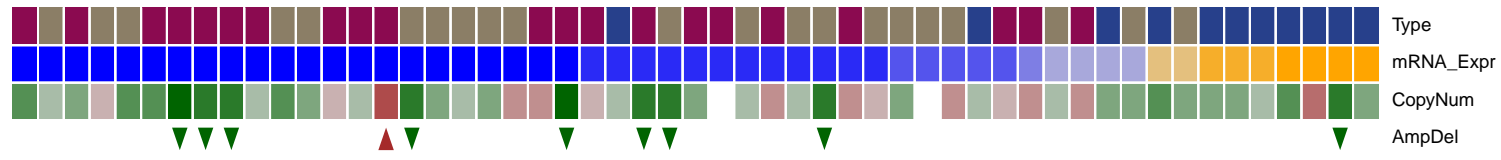
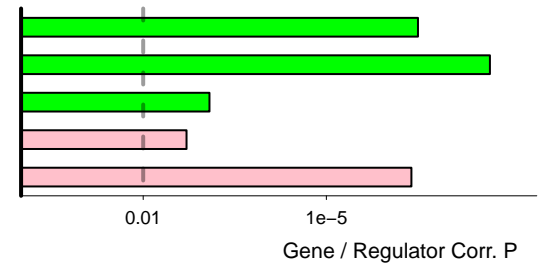
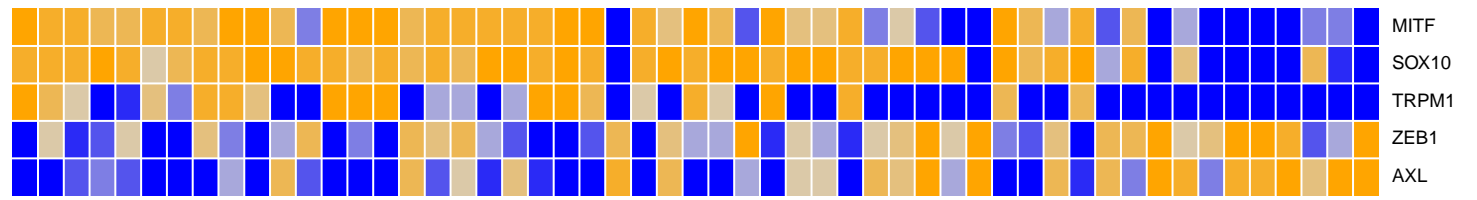
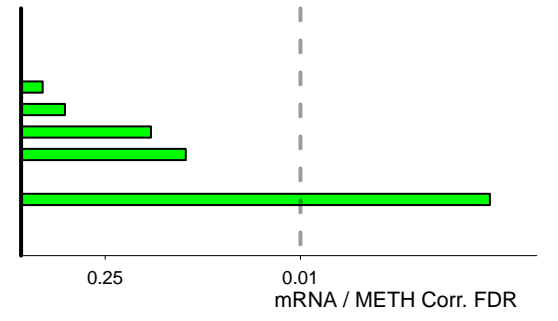
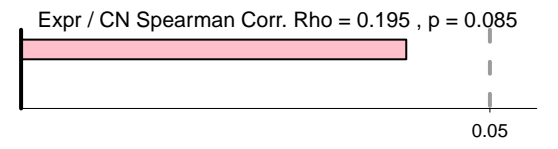
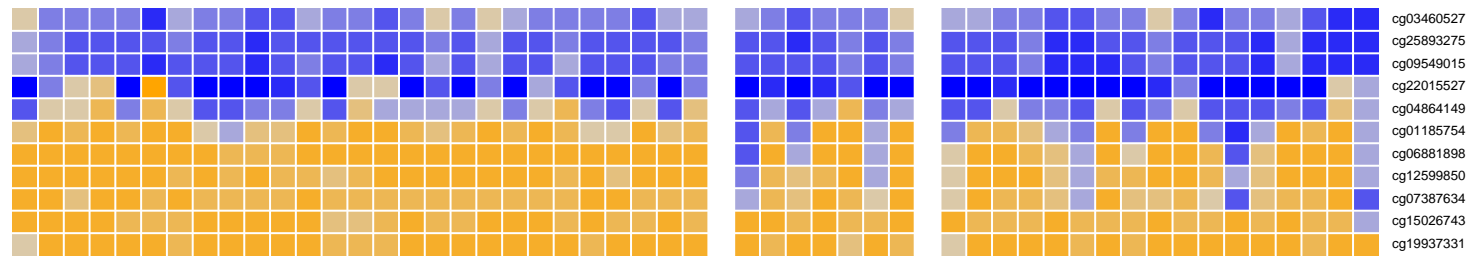


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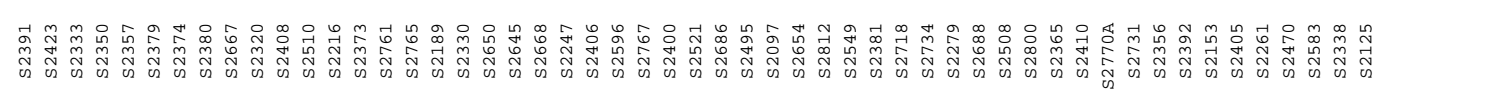
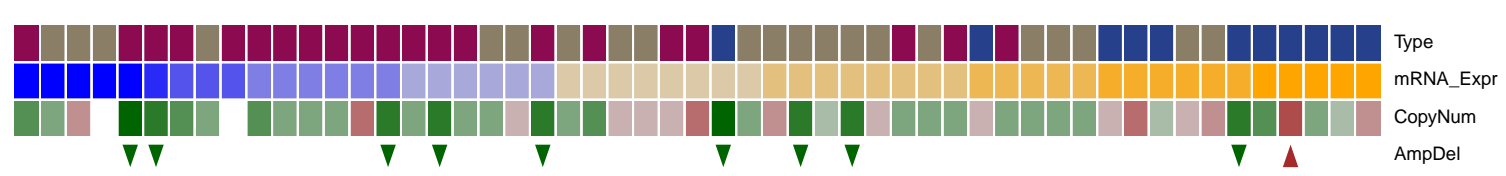
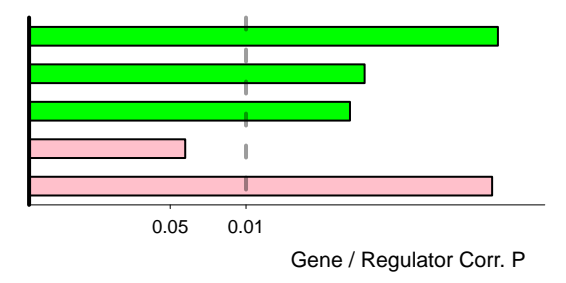
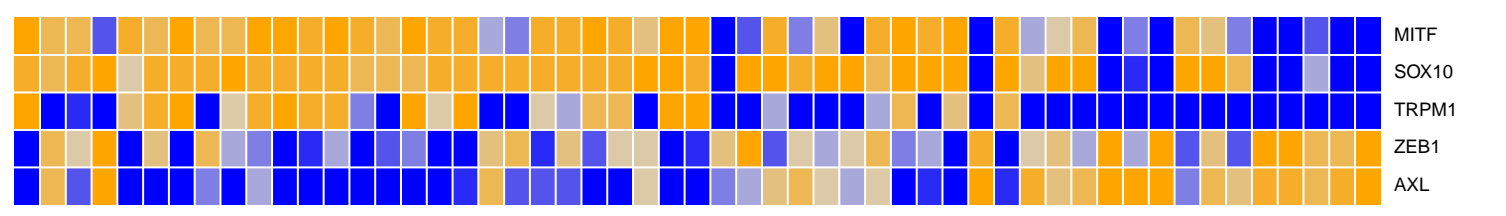
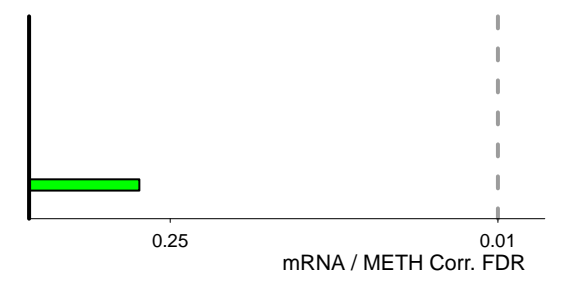
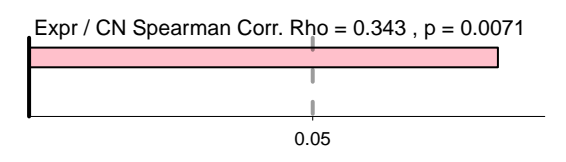
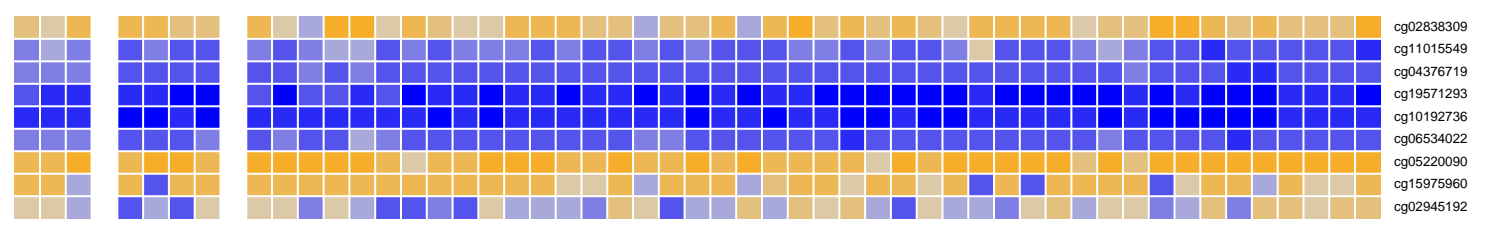
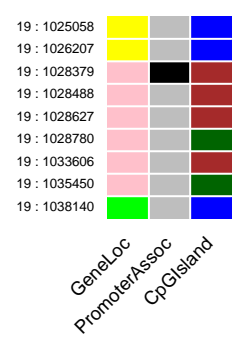
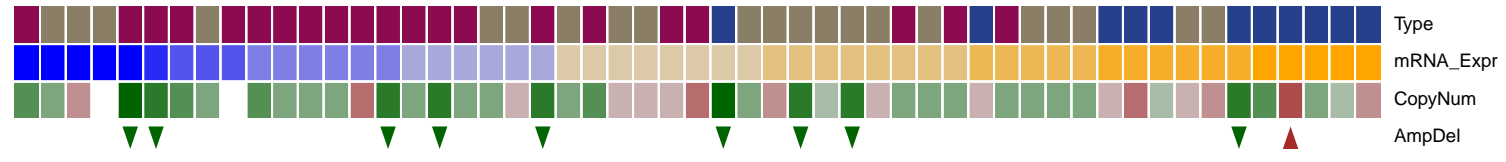
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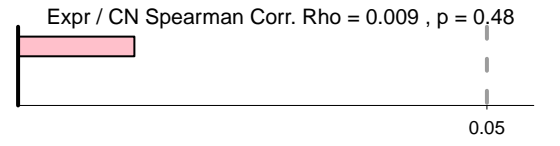


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# CNN2

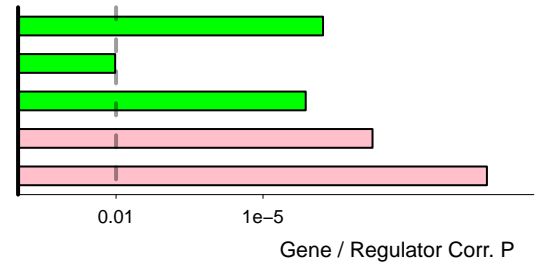
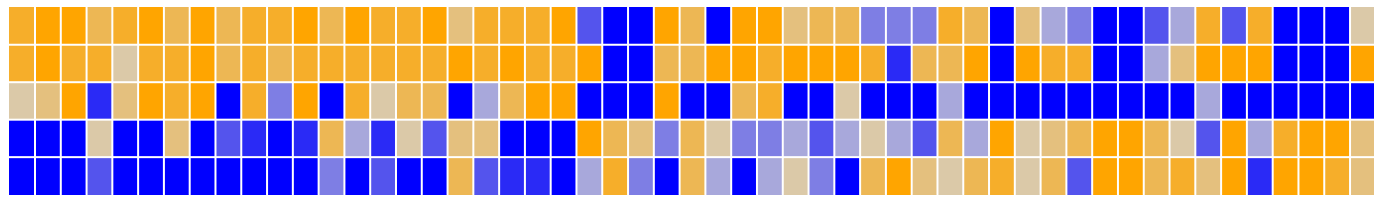
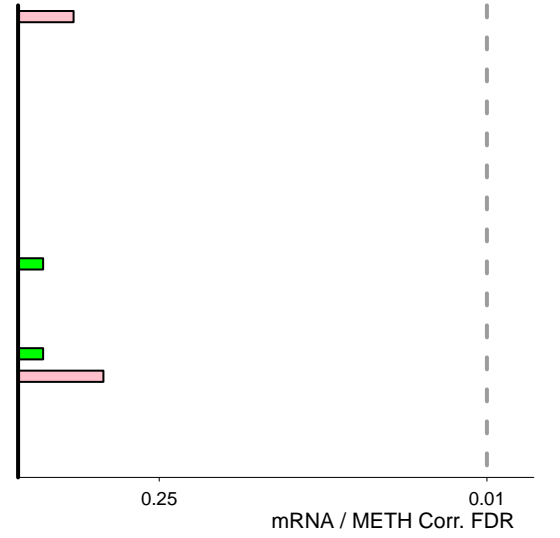
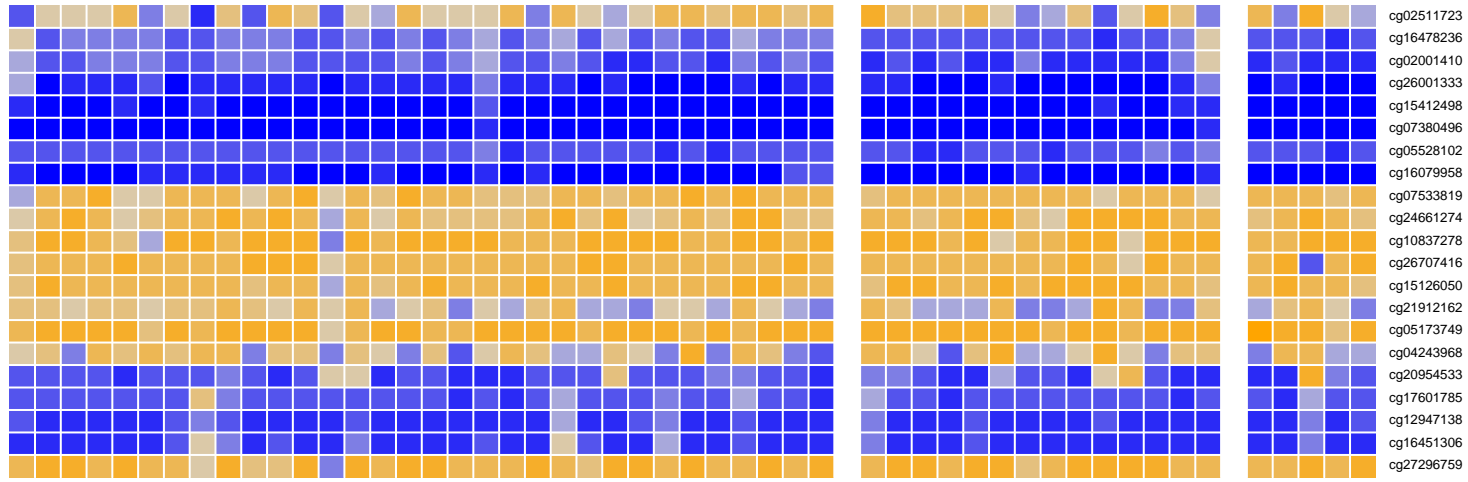


# MAP1B



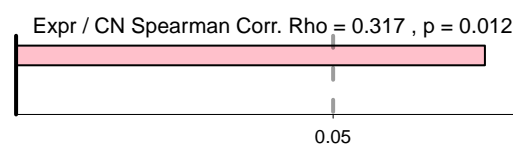
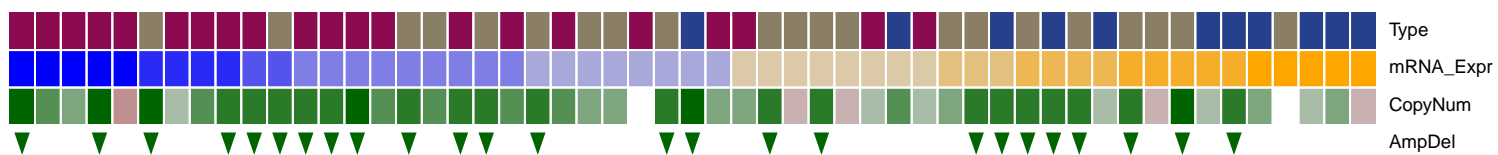
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GeneLoc  
 PromoterAssoc  
 CpGIsland



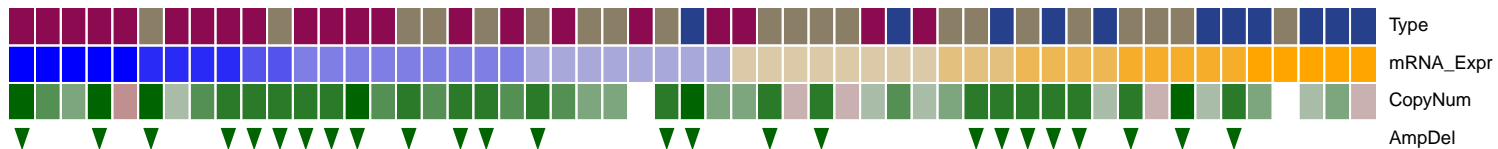
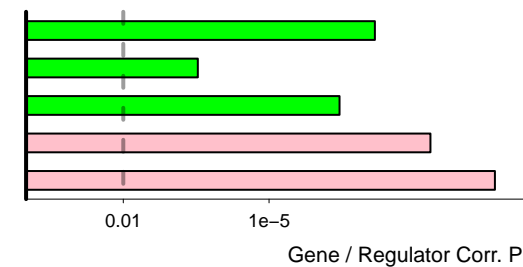
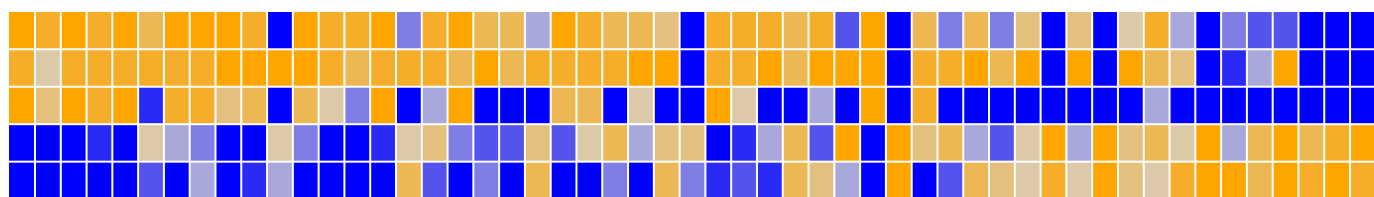
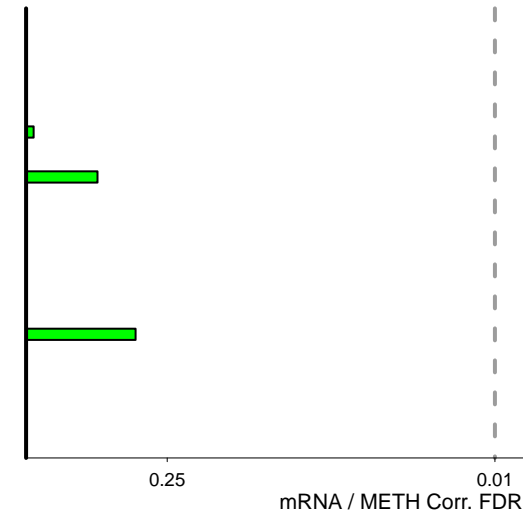
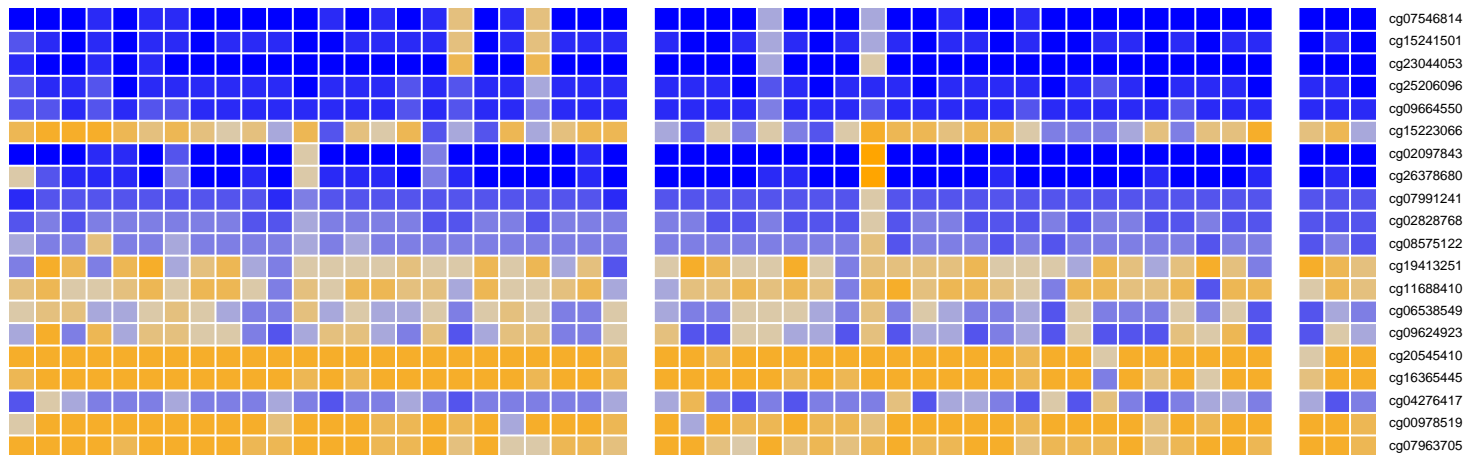
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# ITGB1



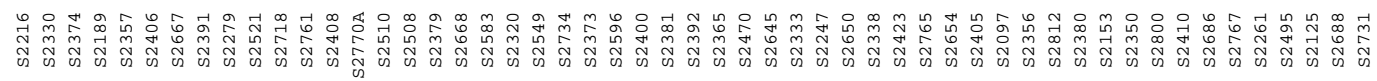
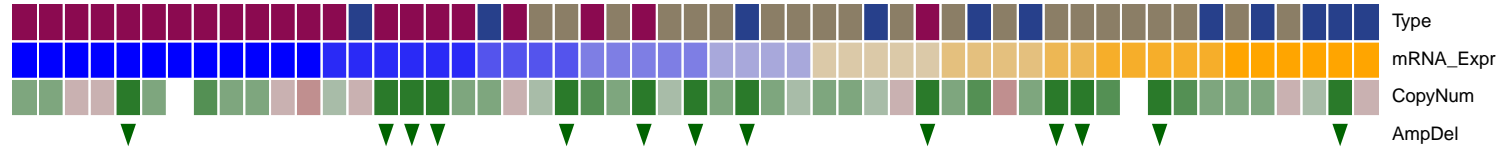
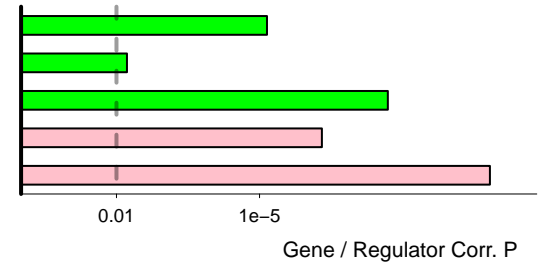
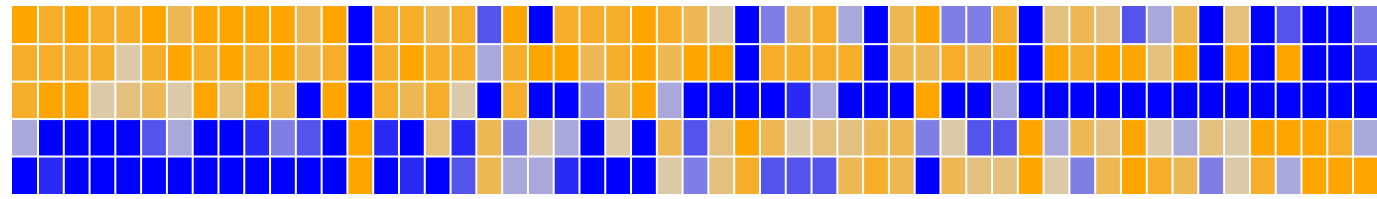
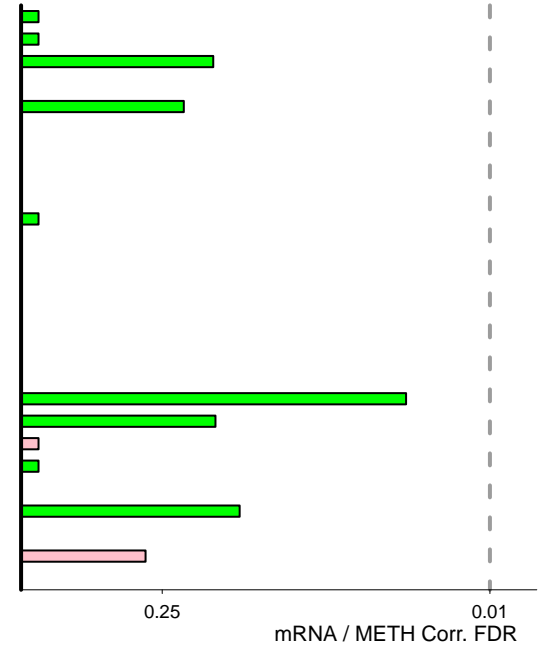
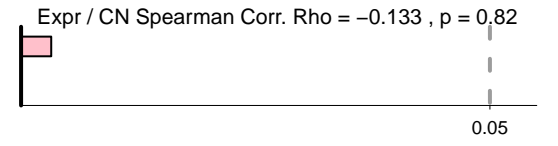
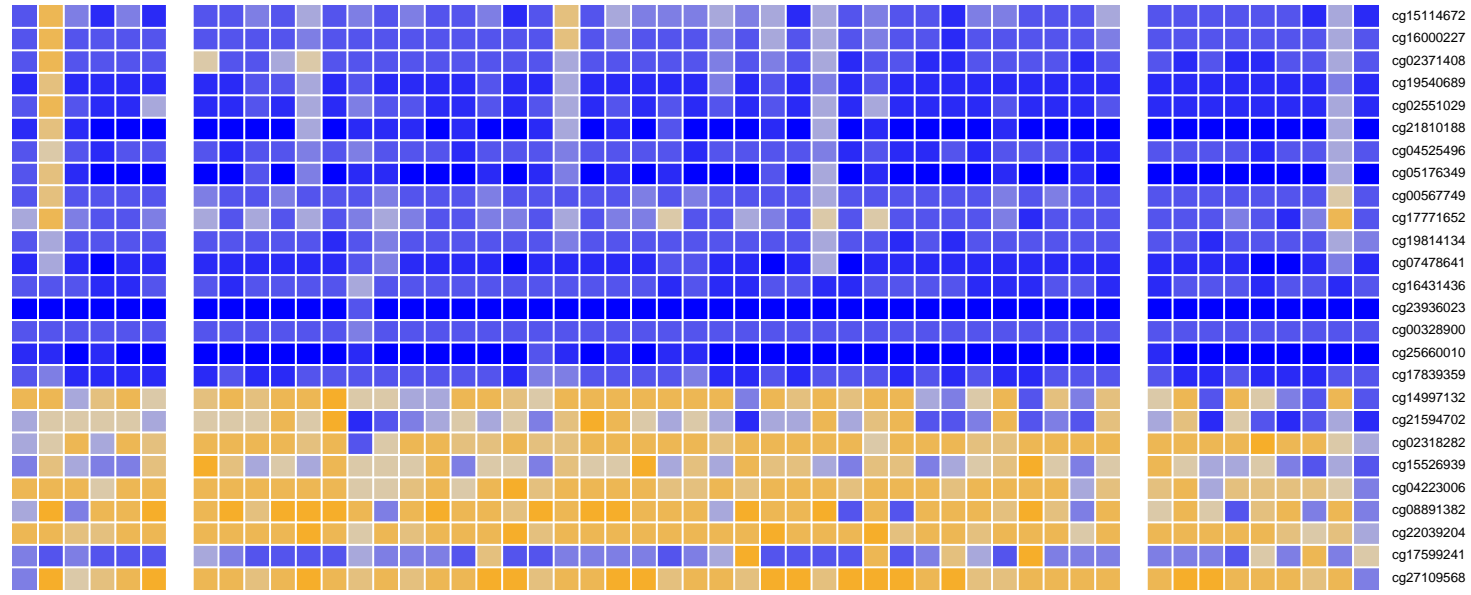
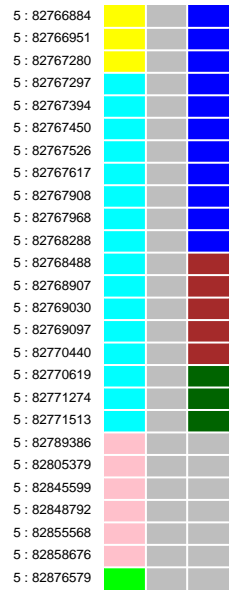
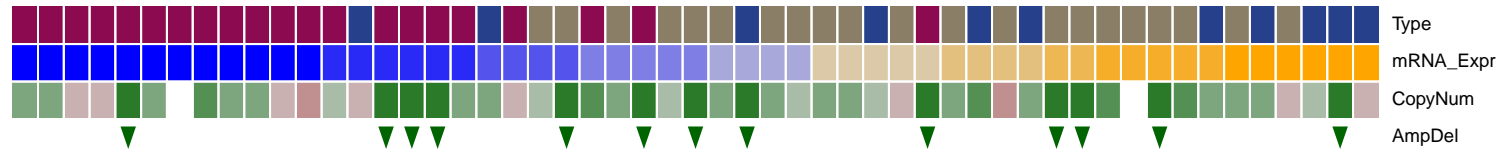
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GeneLoc  
PromoterAssoc  
CpGIsland

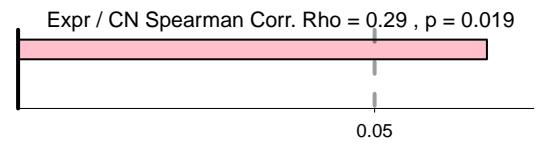
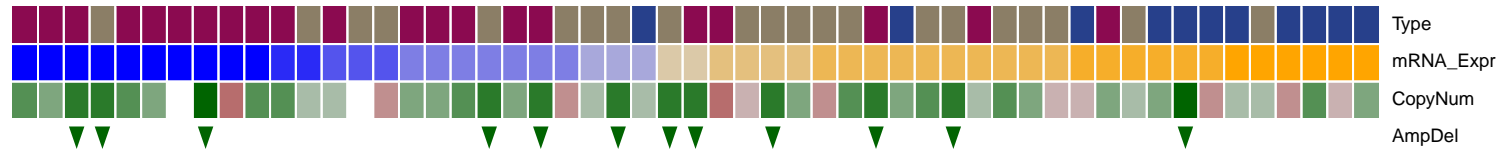


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# VCAN

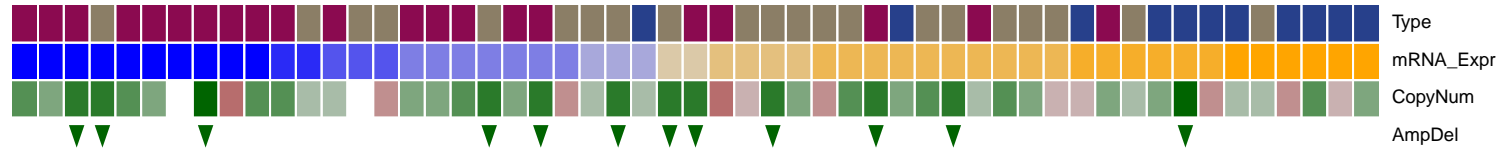
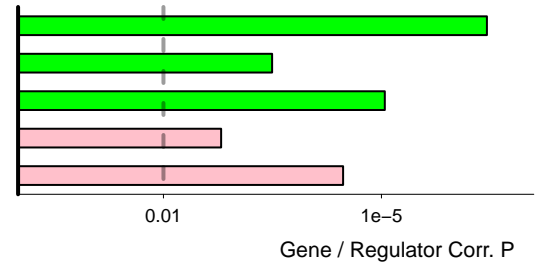
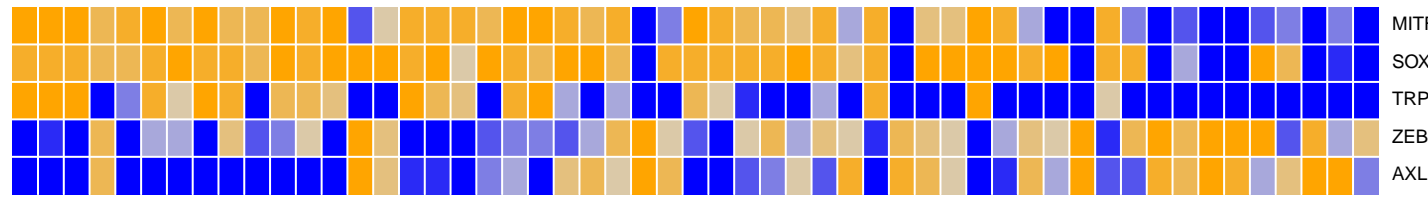
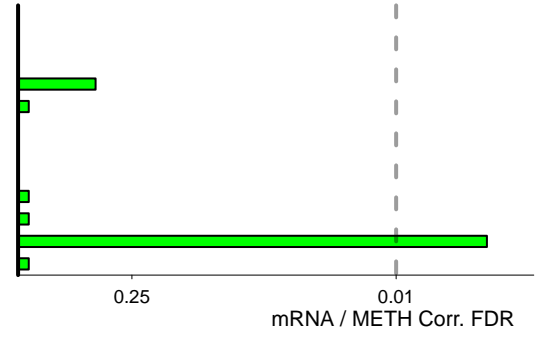
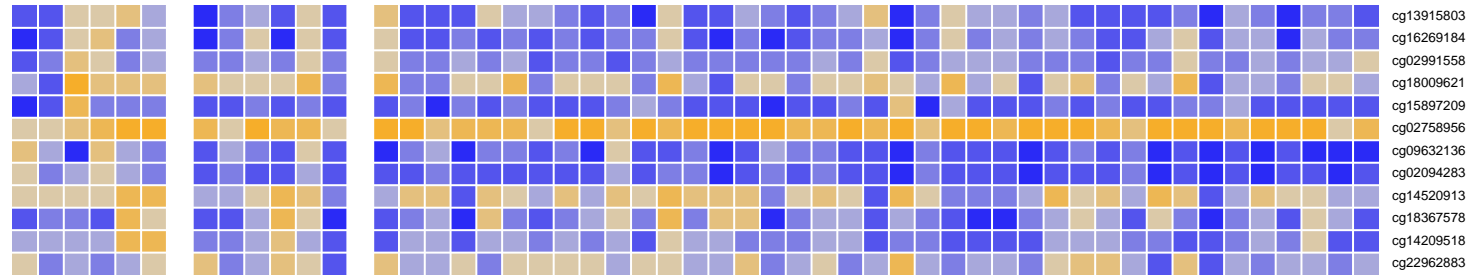


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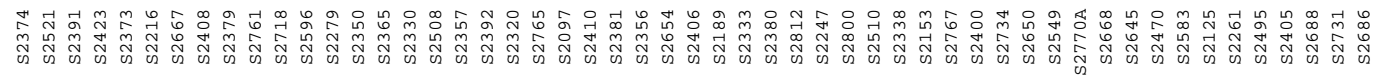


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GeneLoc  
PromoterAssoc  
CpGIsland



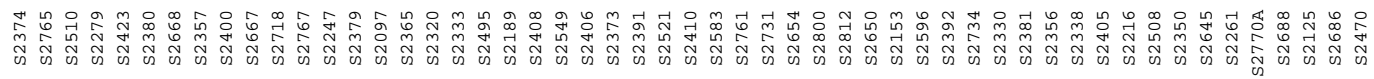
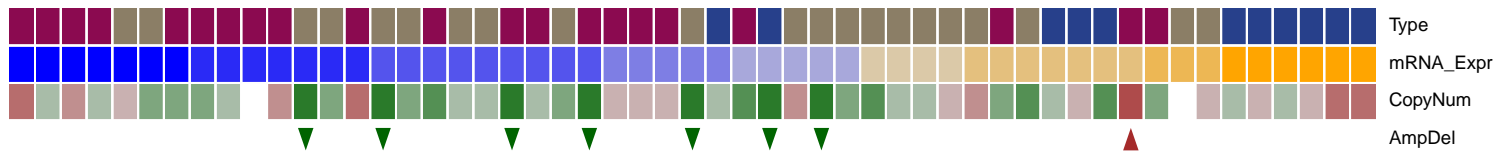
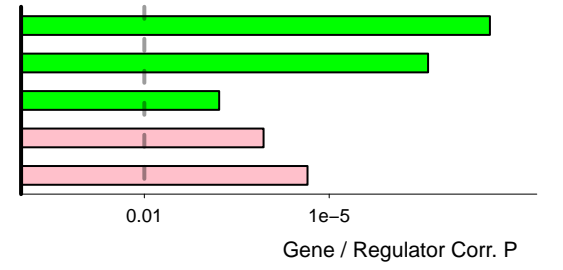
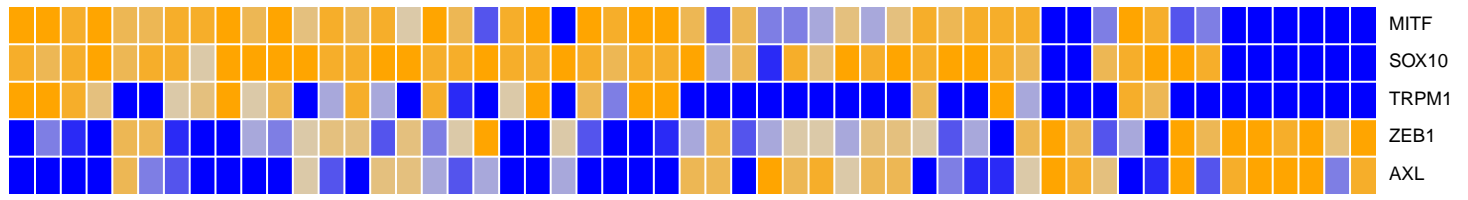
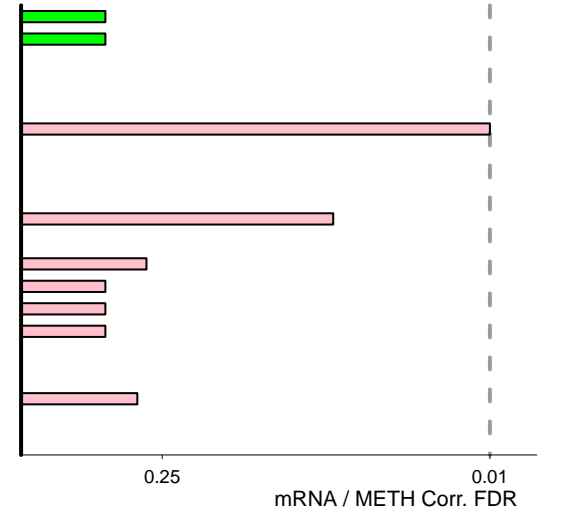
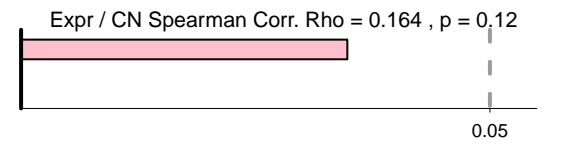
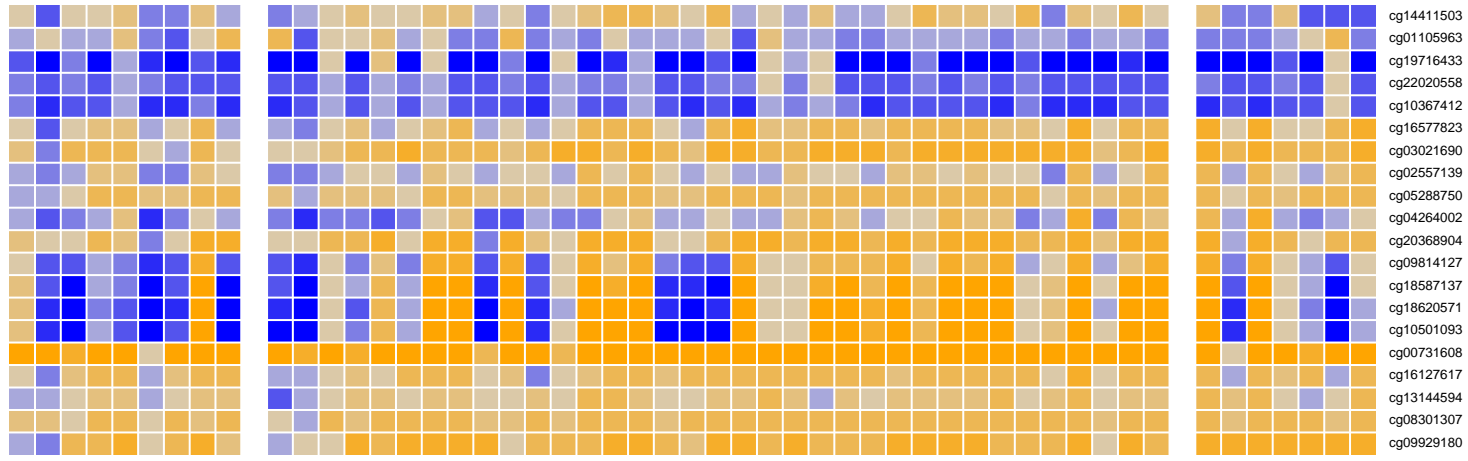
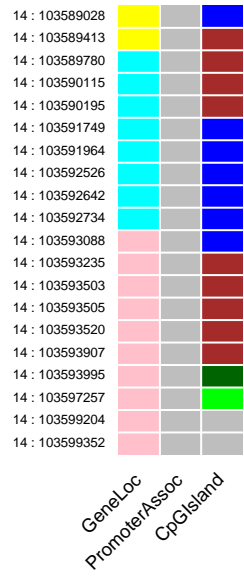
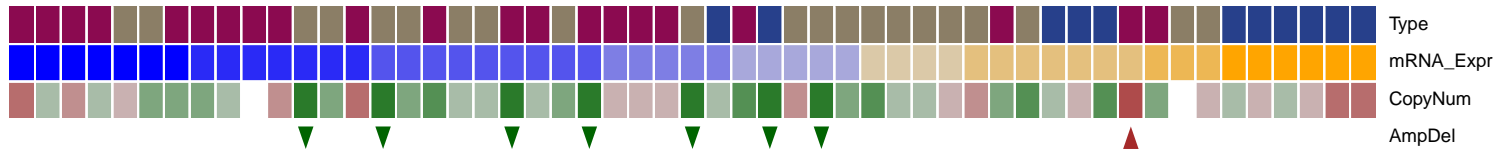
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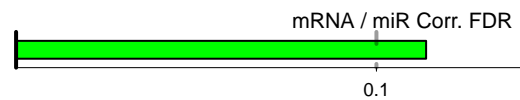
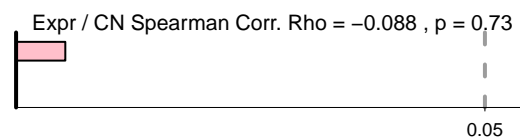
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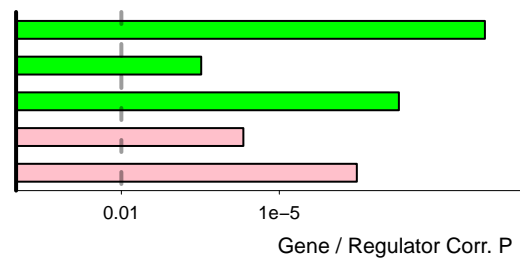
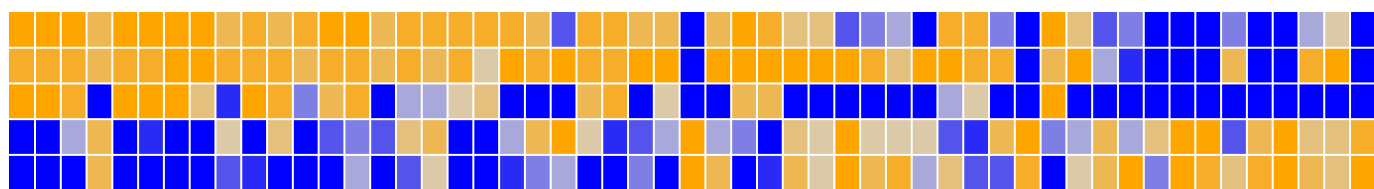
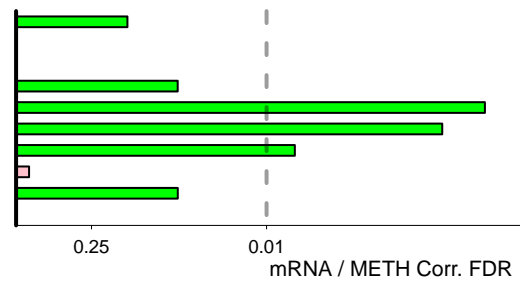
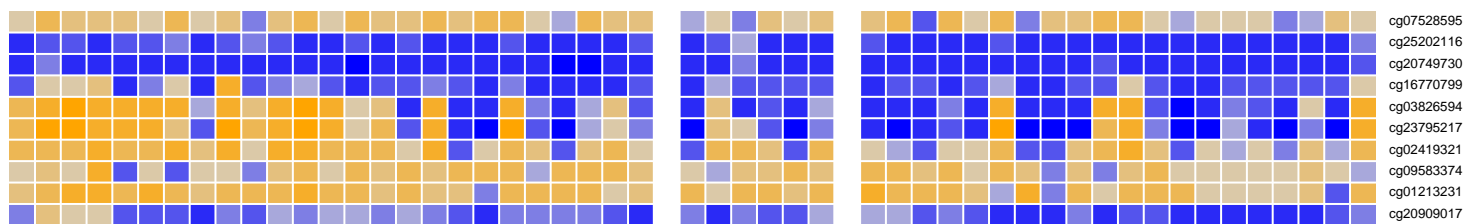


# ITGA5



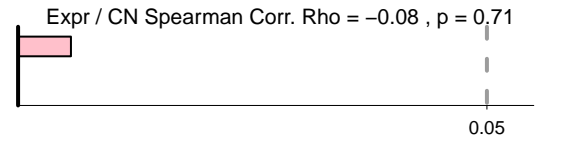
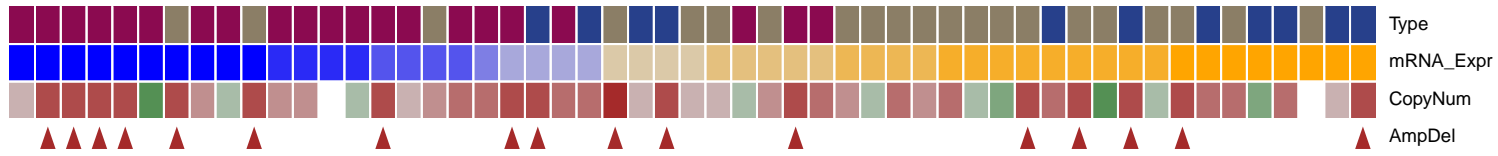
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GeneLoc  
PromoterAssoc  
CpGIsland



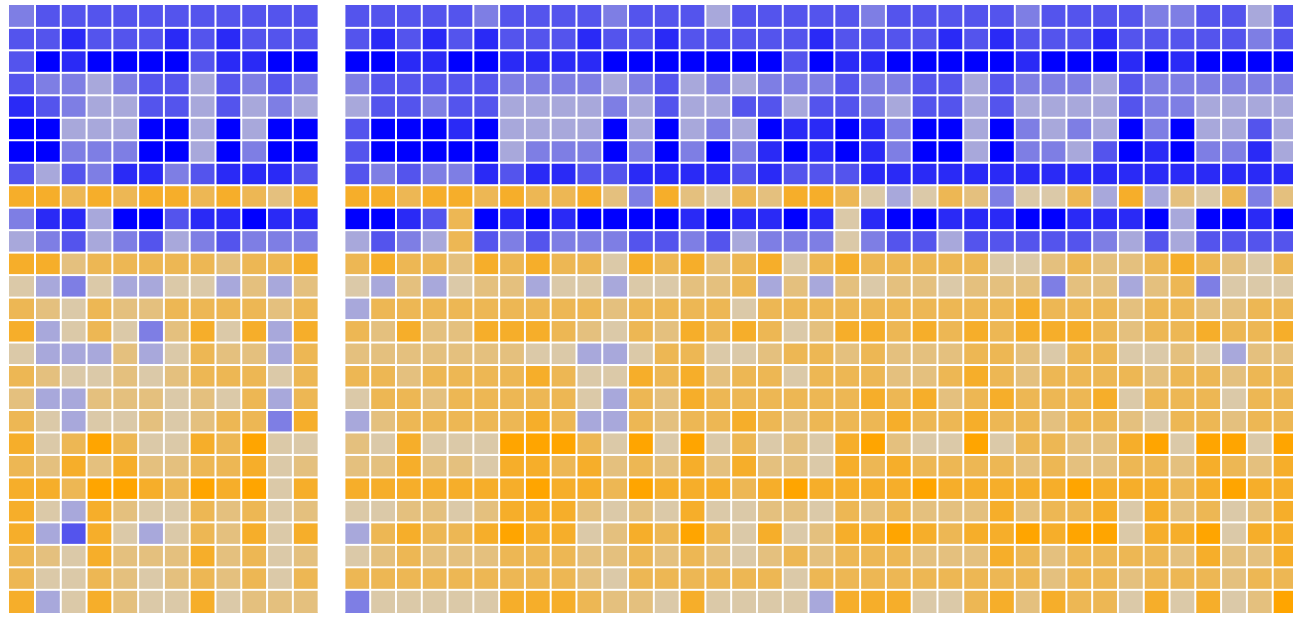
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# FSCN1

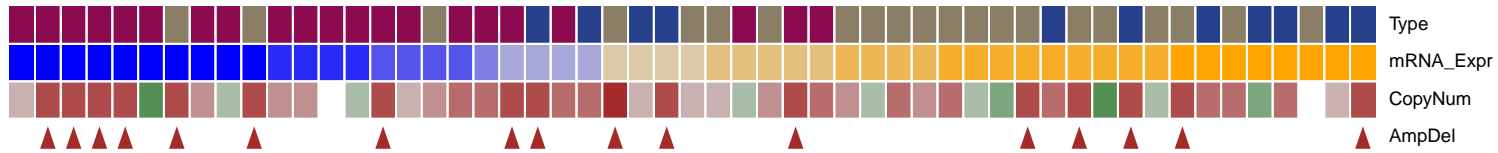
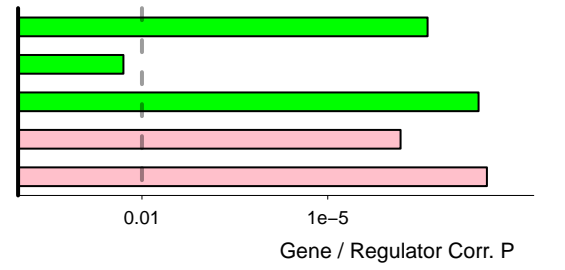
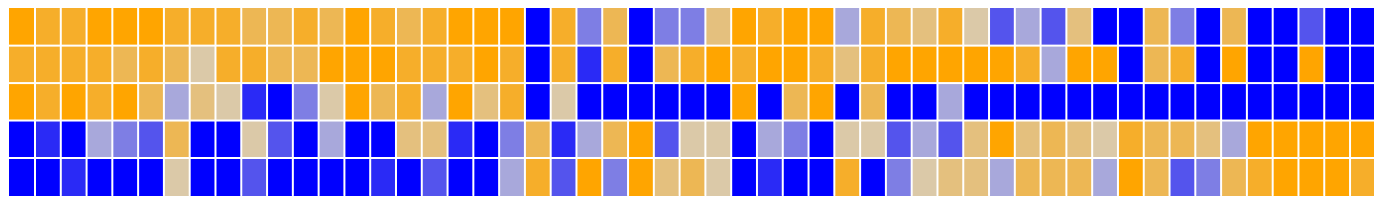
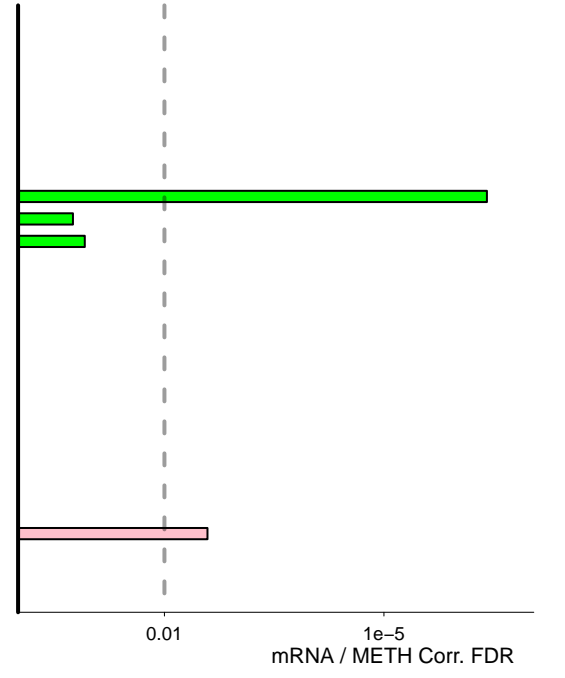


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CpGIsland

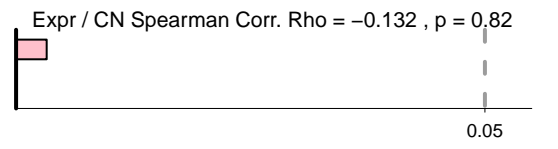
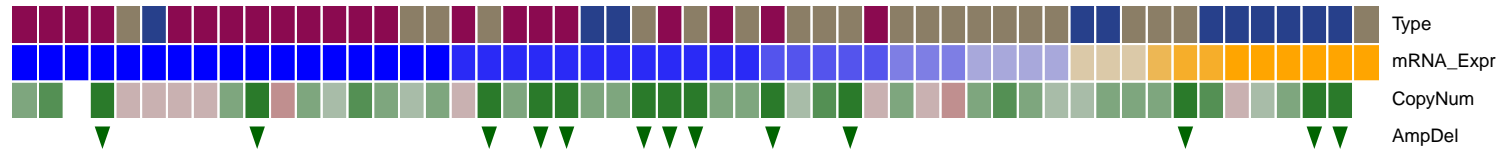


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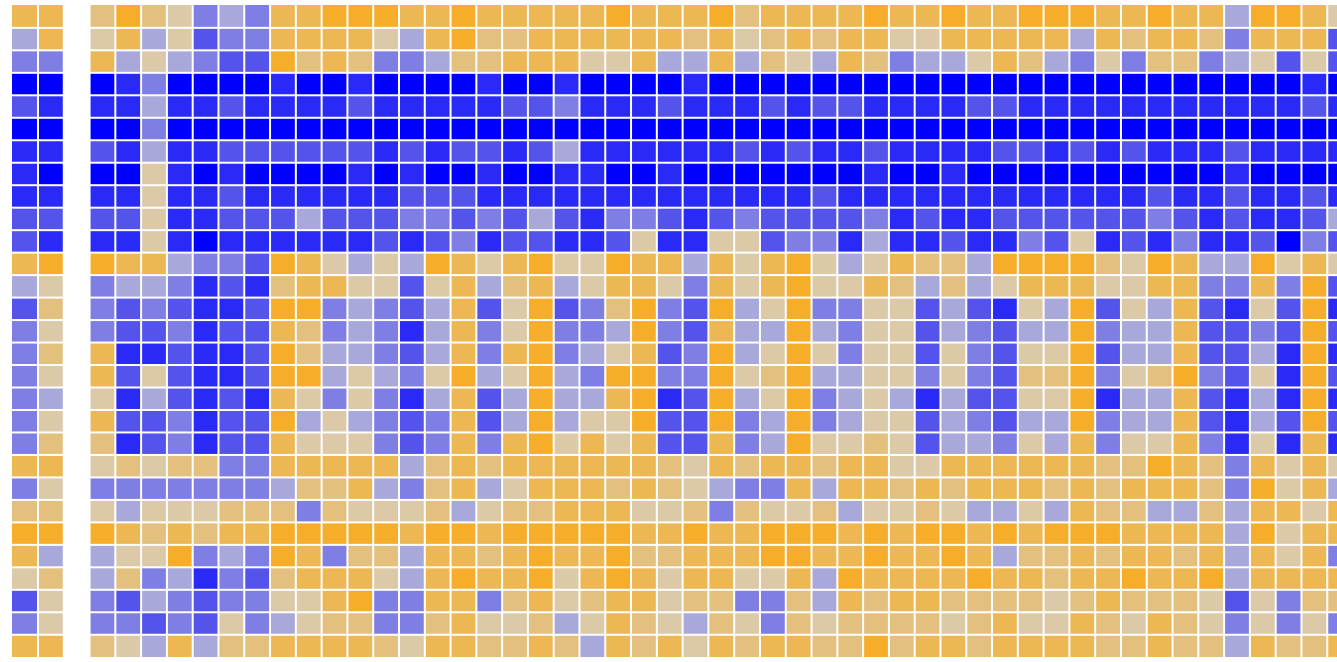
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# EDIL3

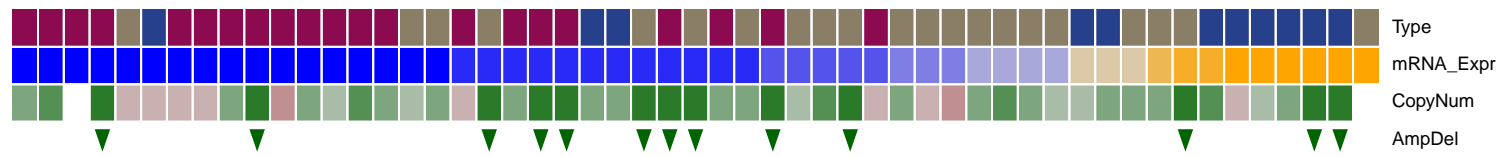
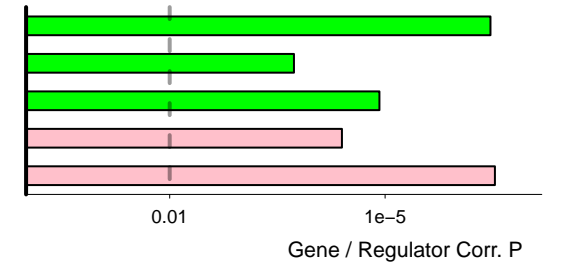
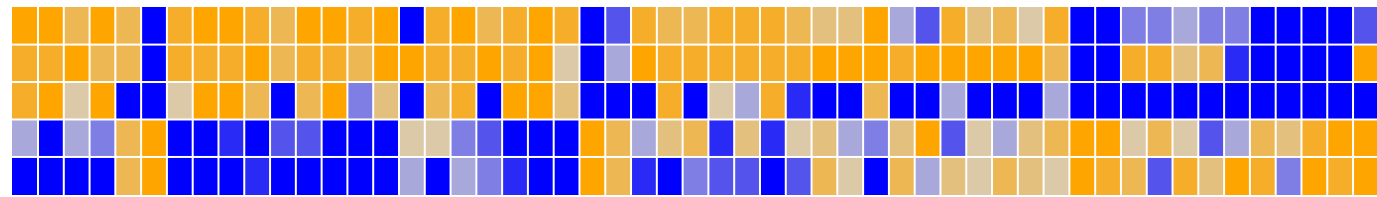
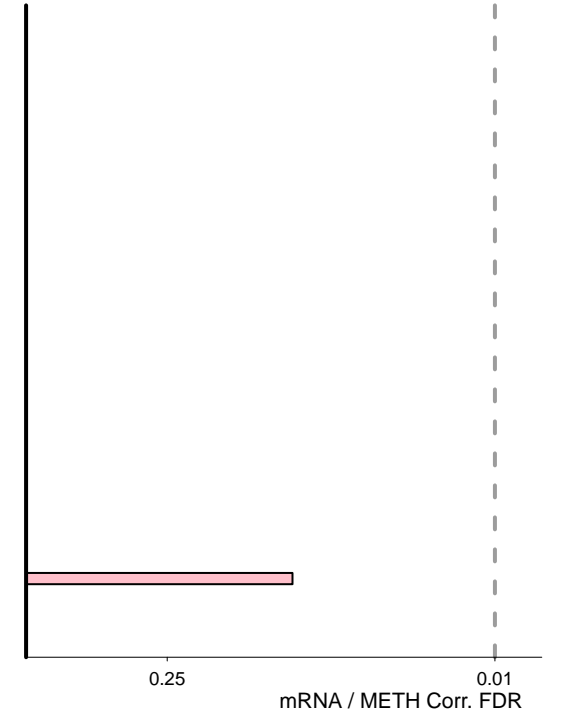


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GeneLoc  
 PromoterAssoc  
 CpGIsland



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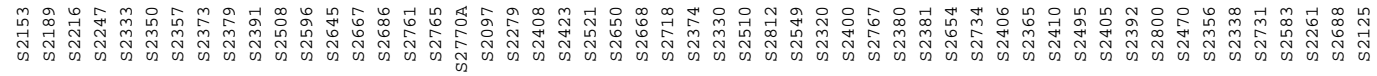
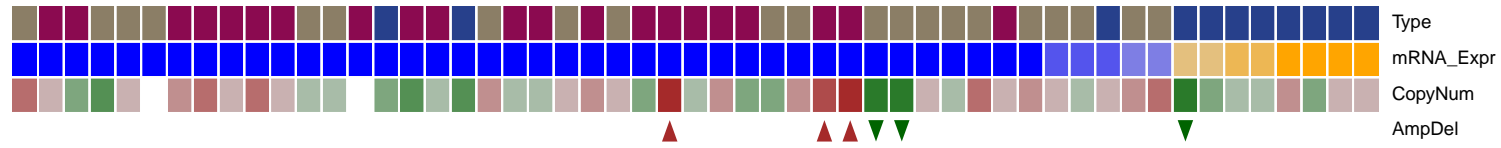
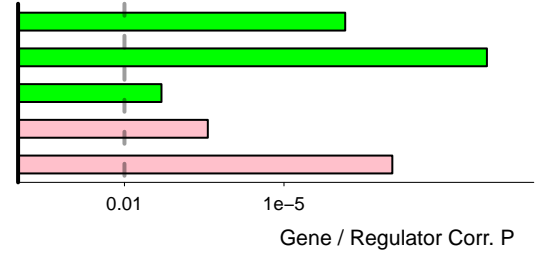
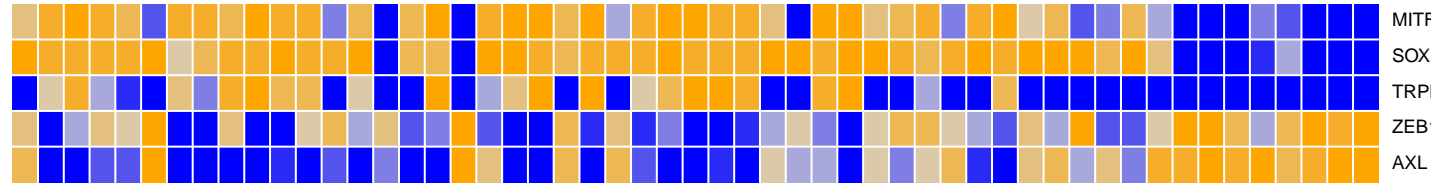
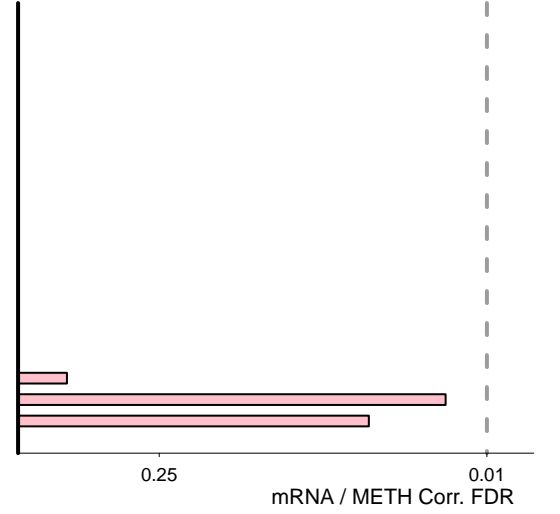
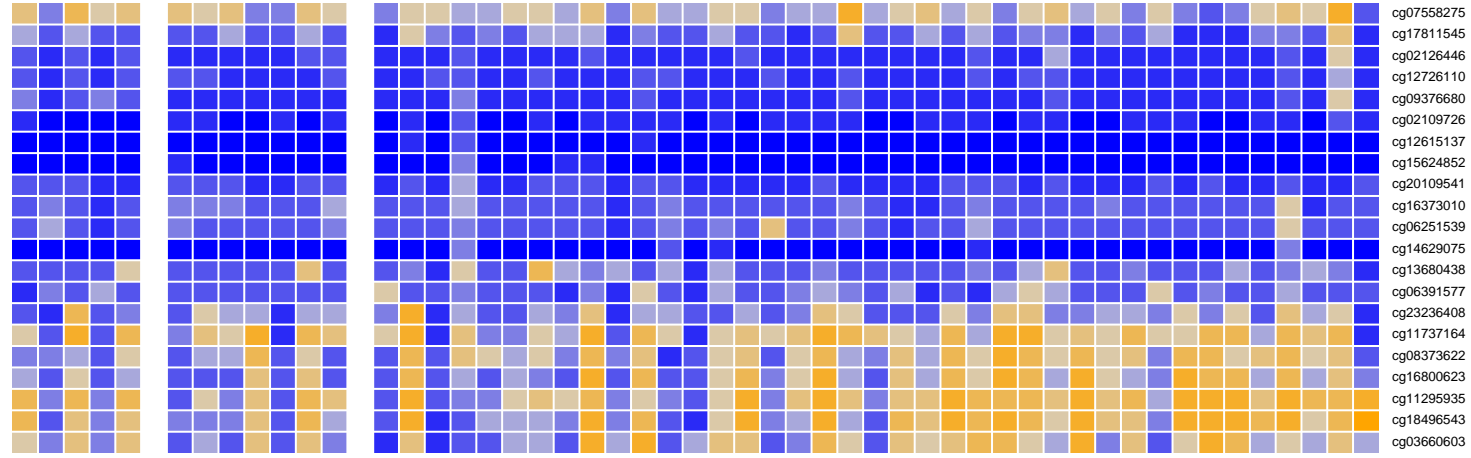
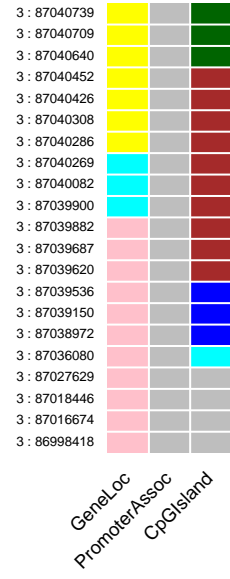
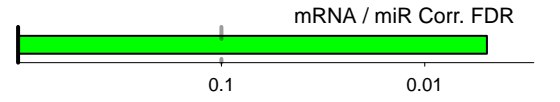
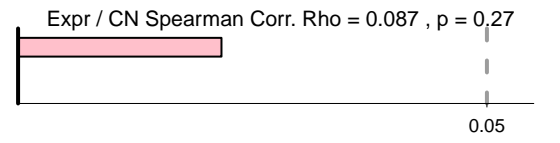
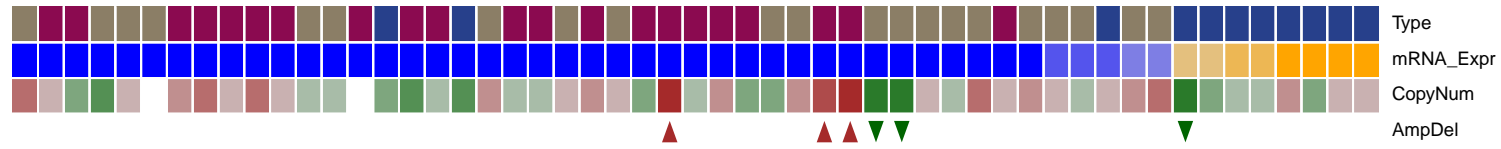


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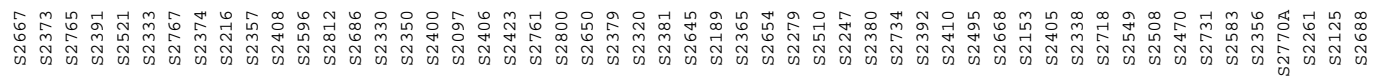
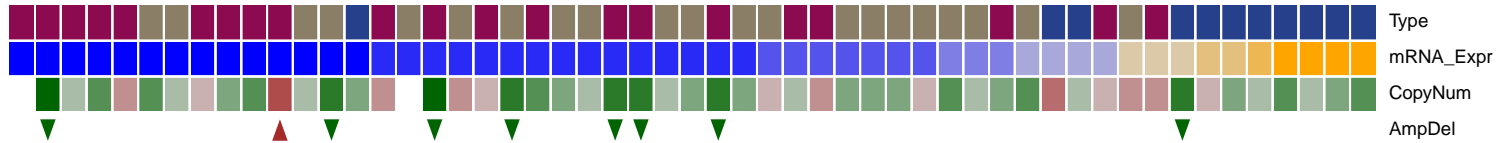
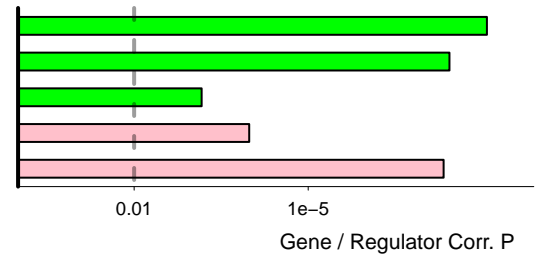
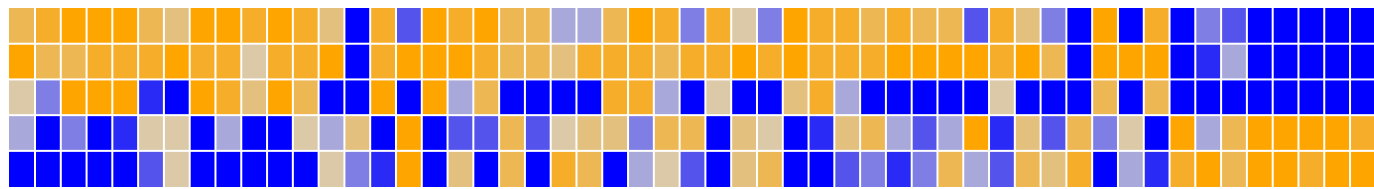
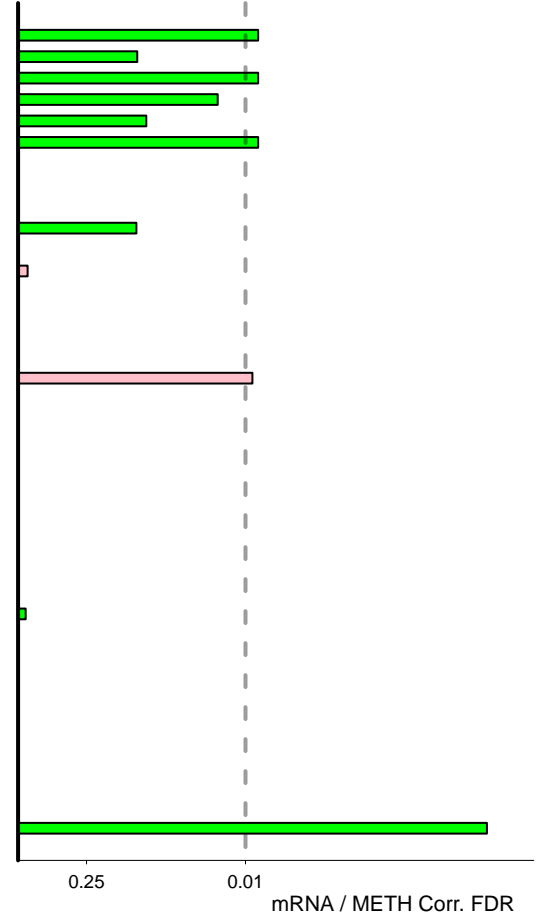
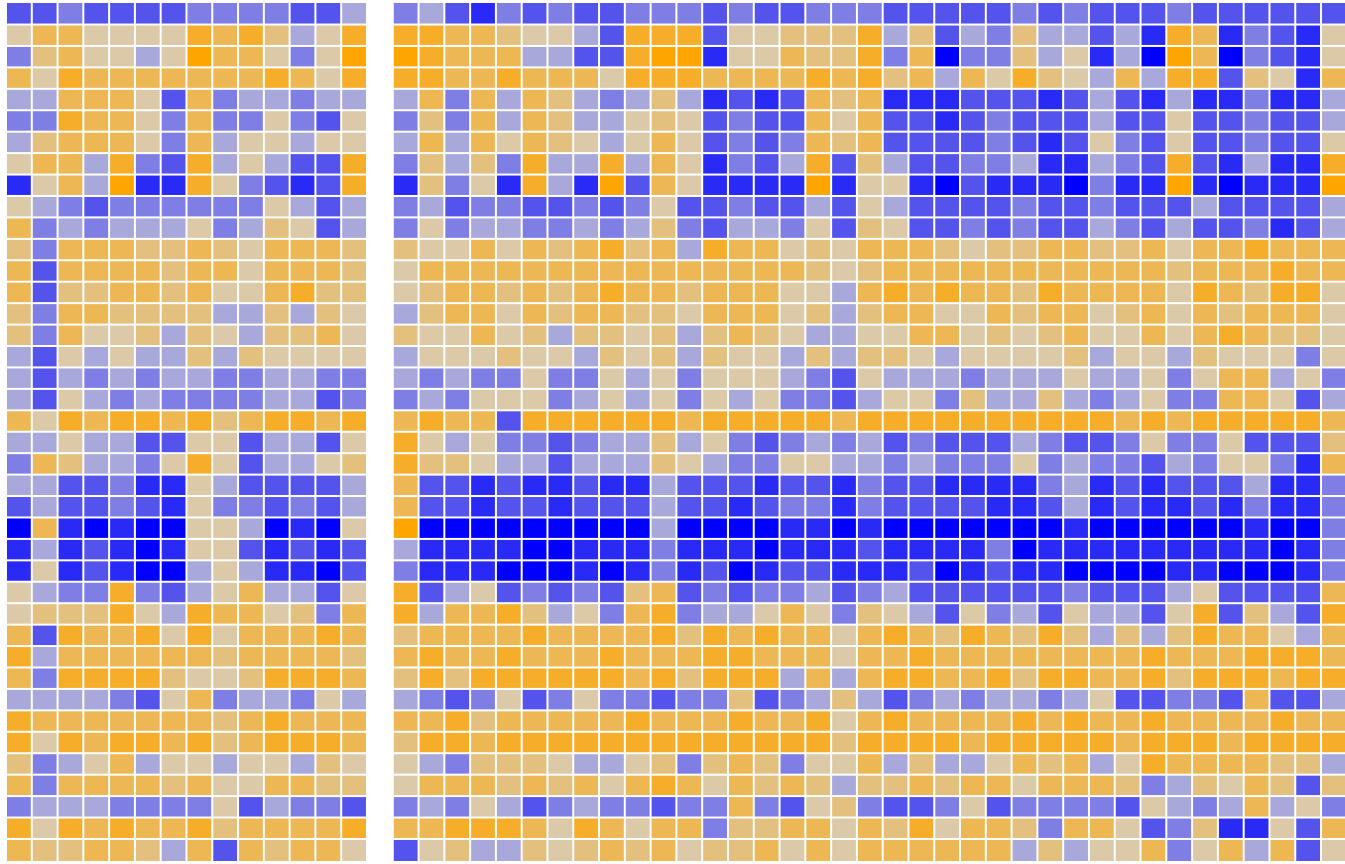
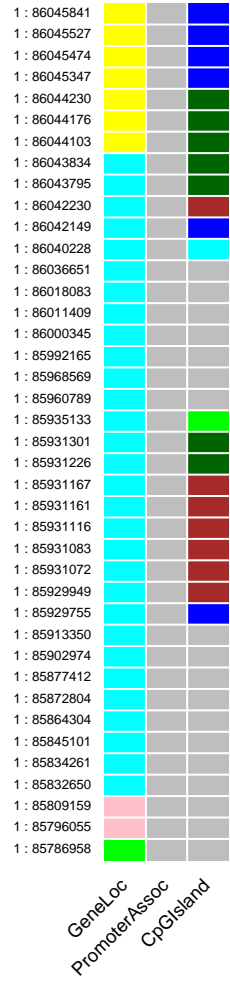
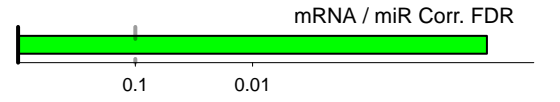
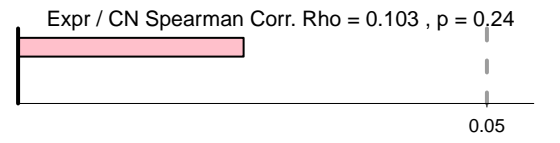
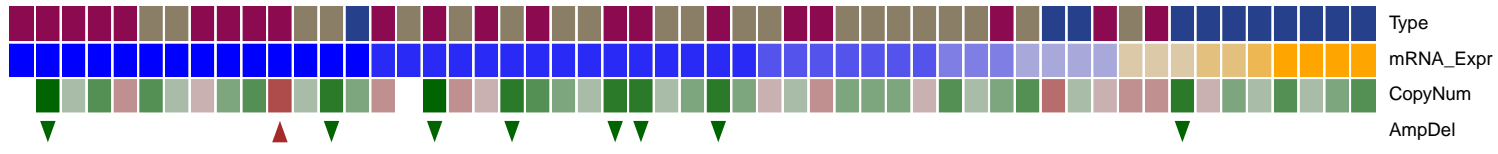
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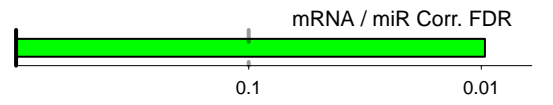
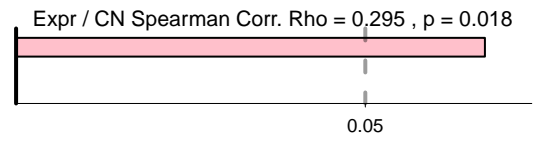
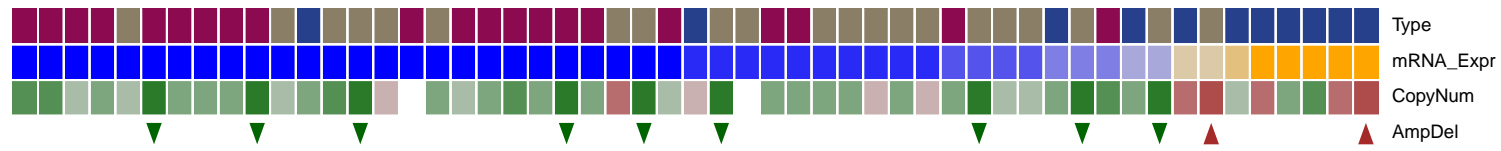
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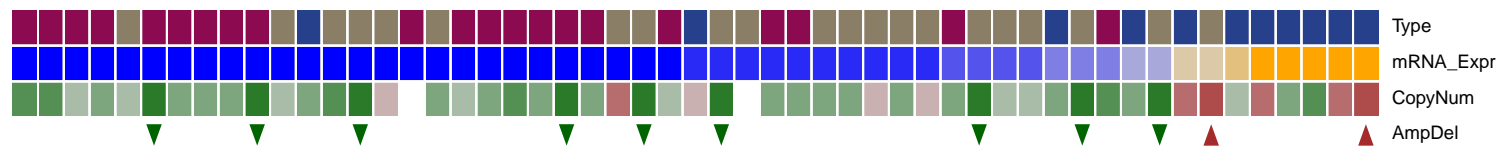
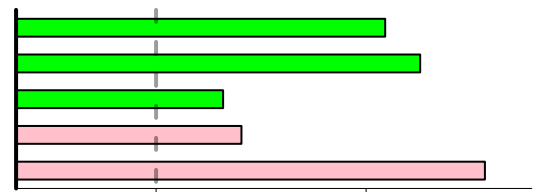
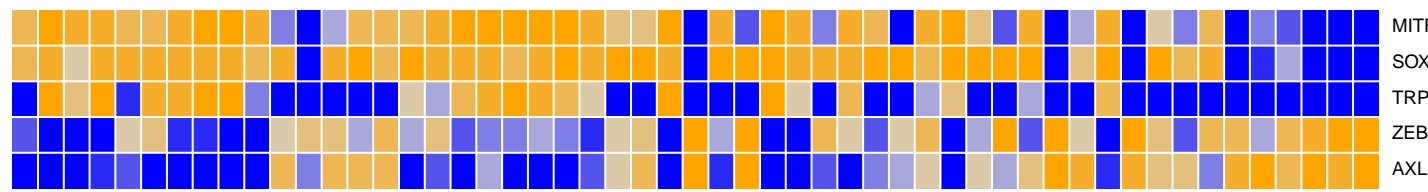
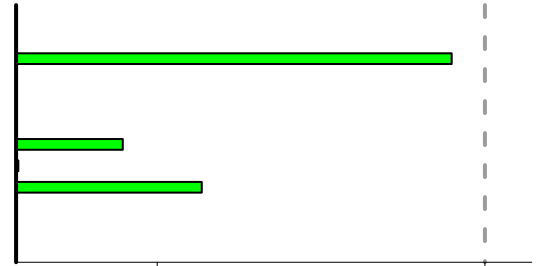
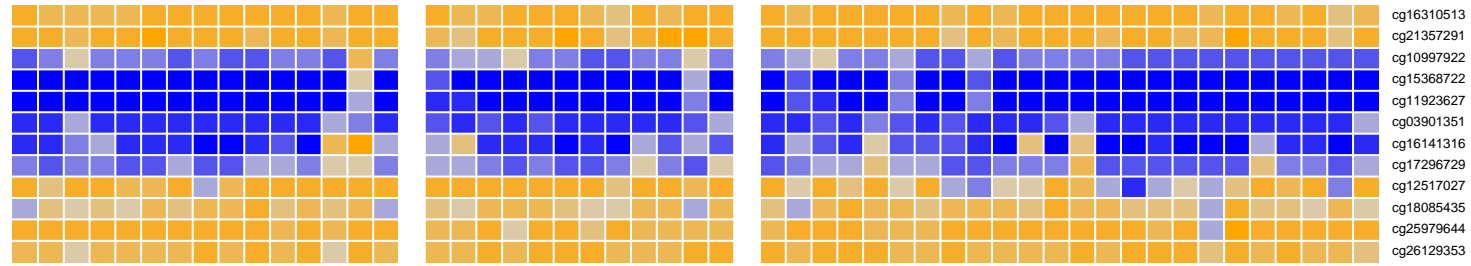


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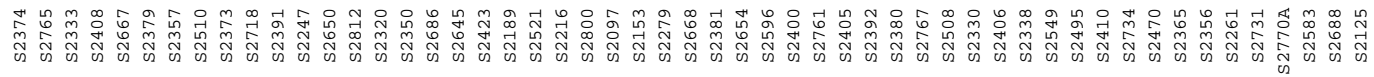
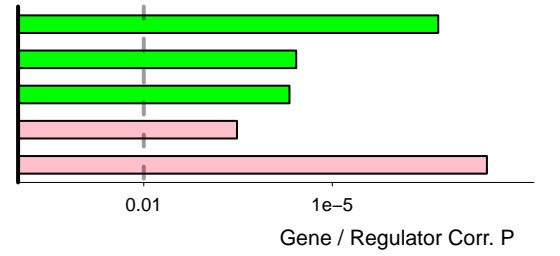
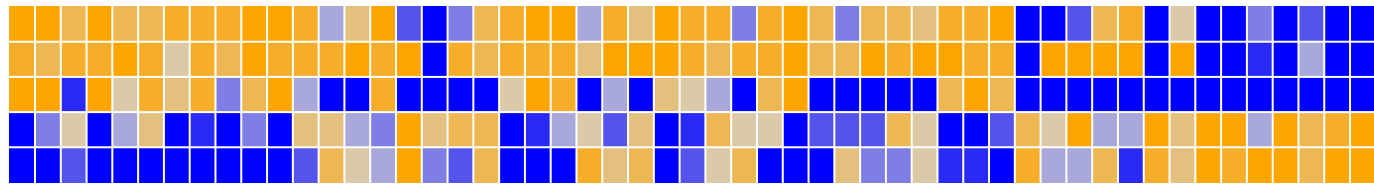
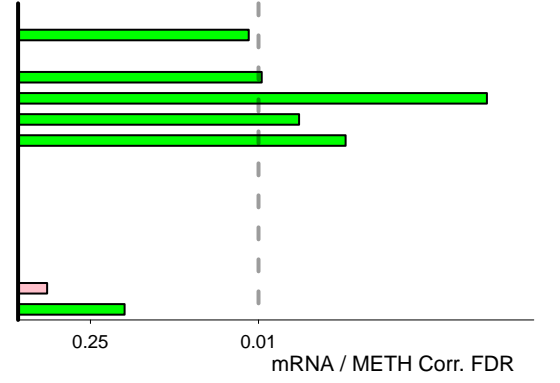
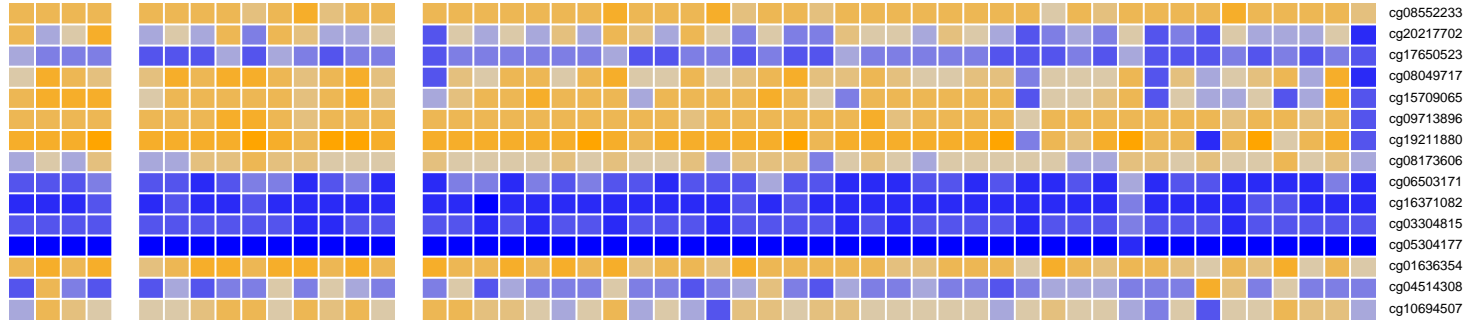
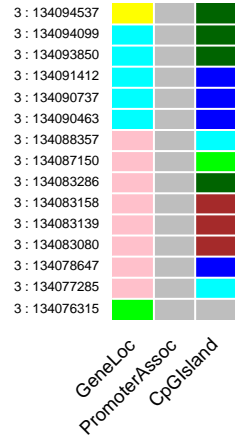
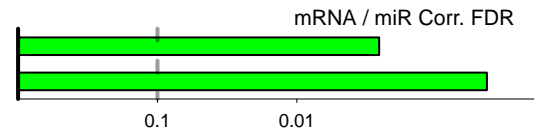
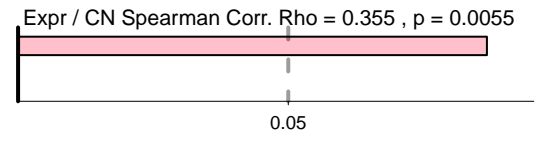
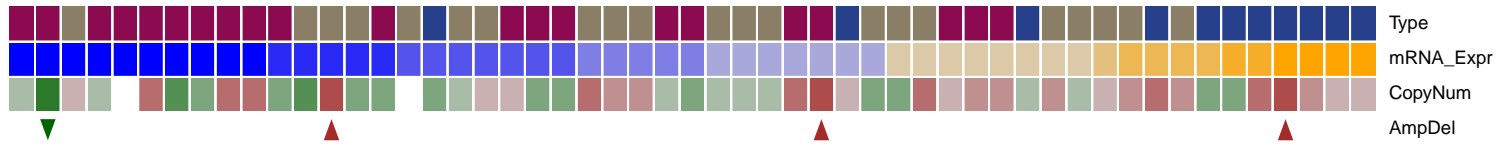
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GeneLoc  
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 CpGIsland



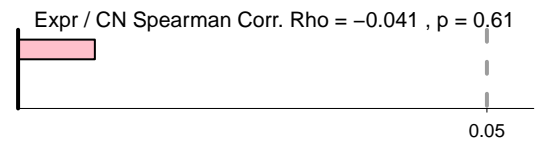
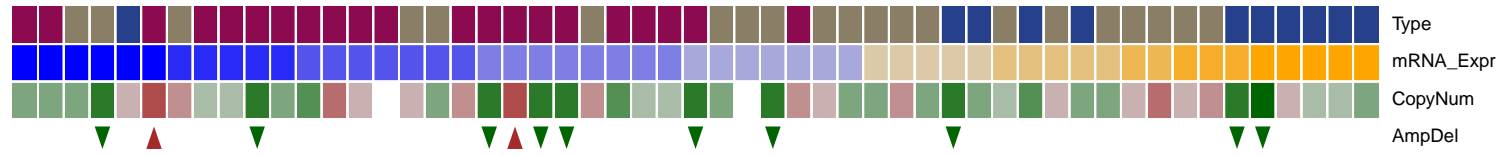
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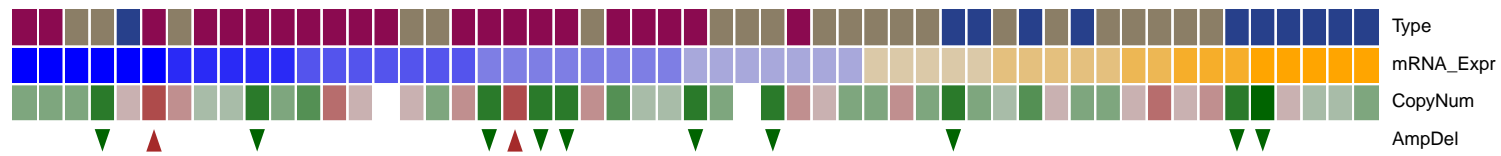
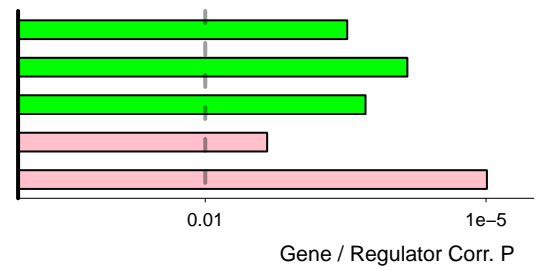
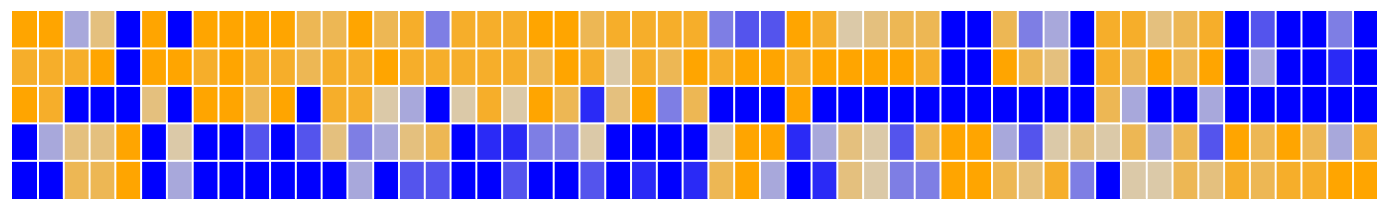
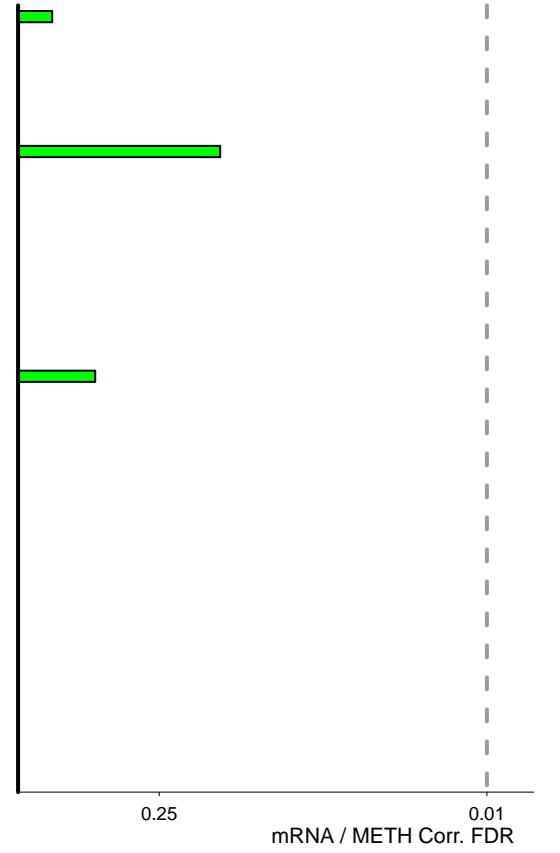
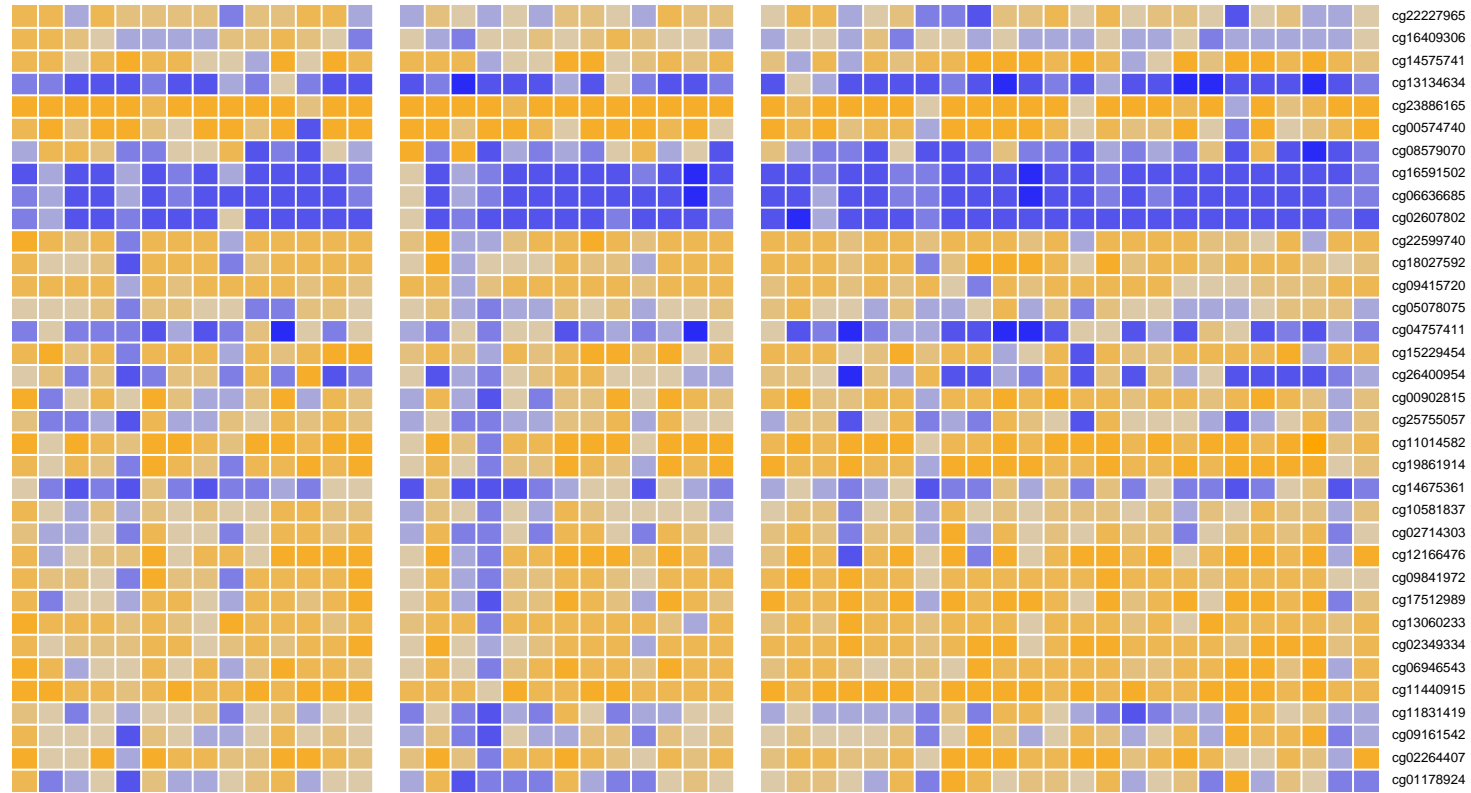


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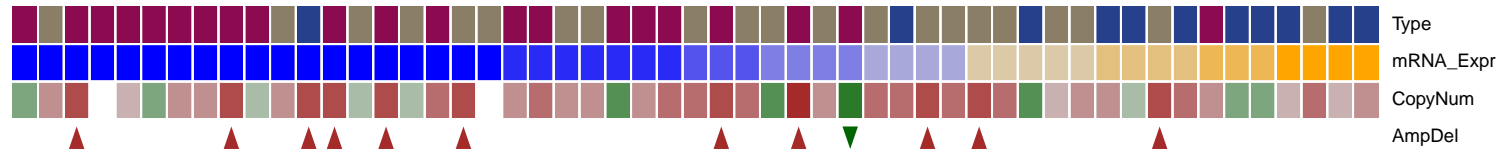
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GeneLoc  
PromoterAssoc  
CpGIsland



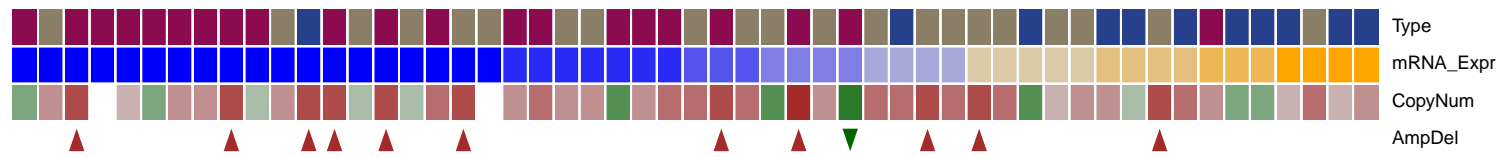
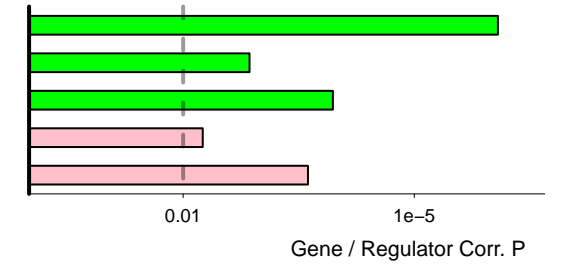
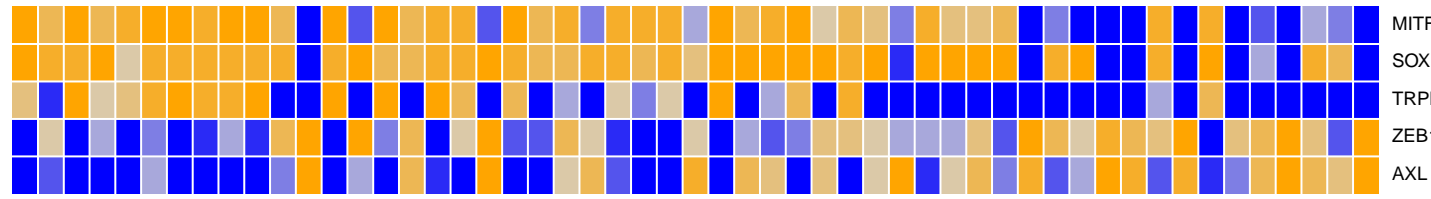
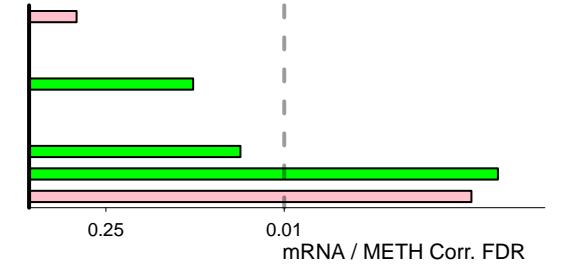
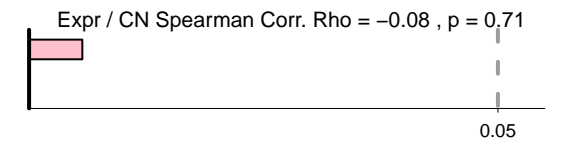
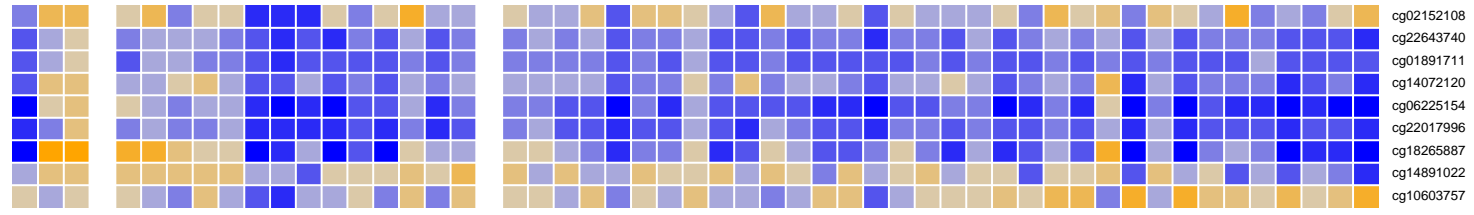
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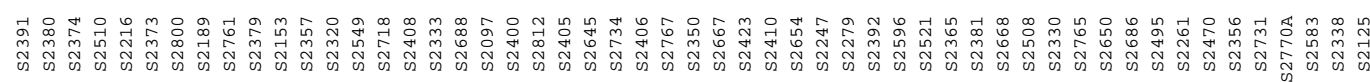
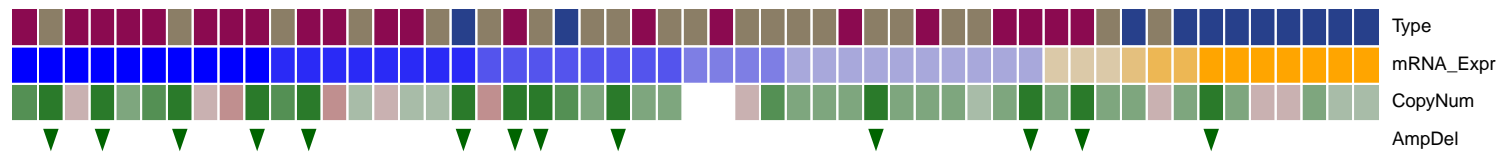
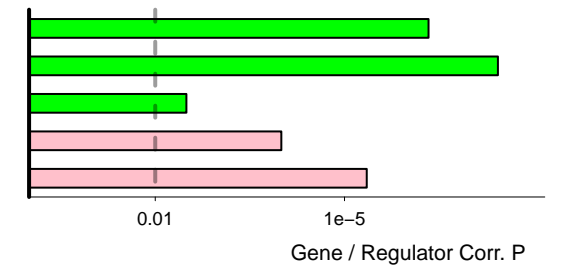
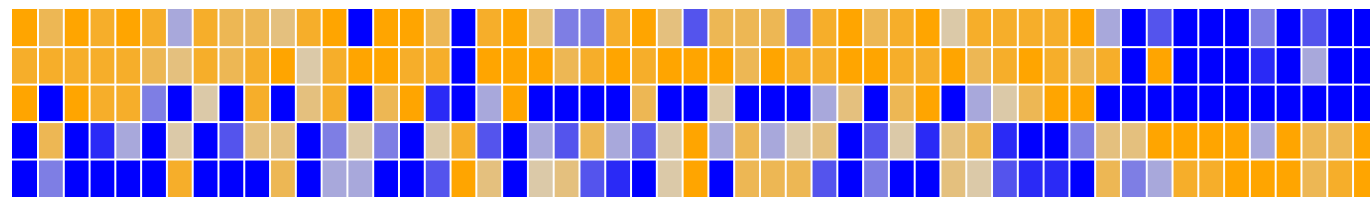
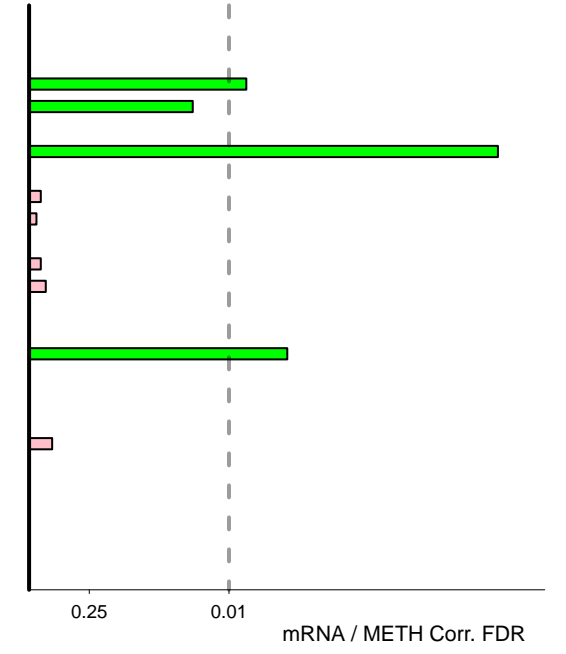
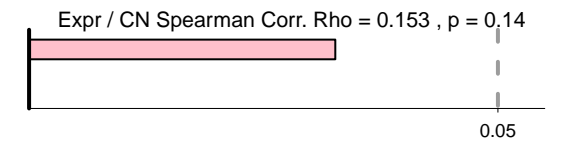
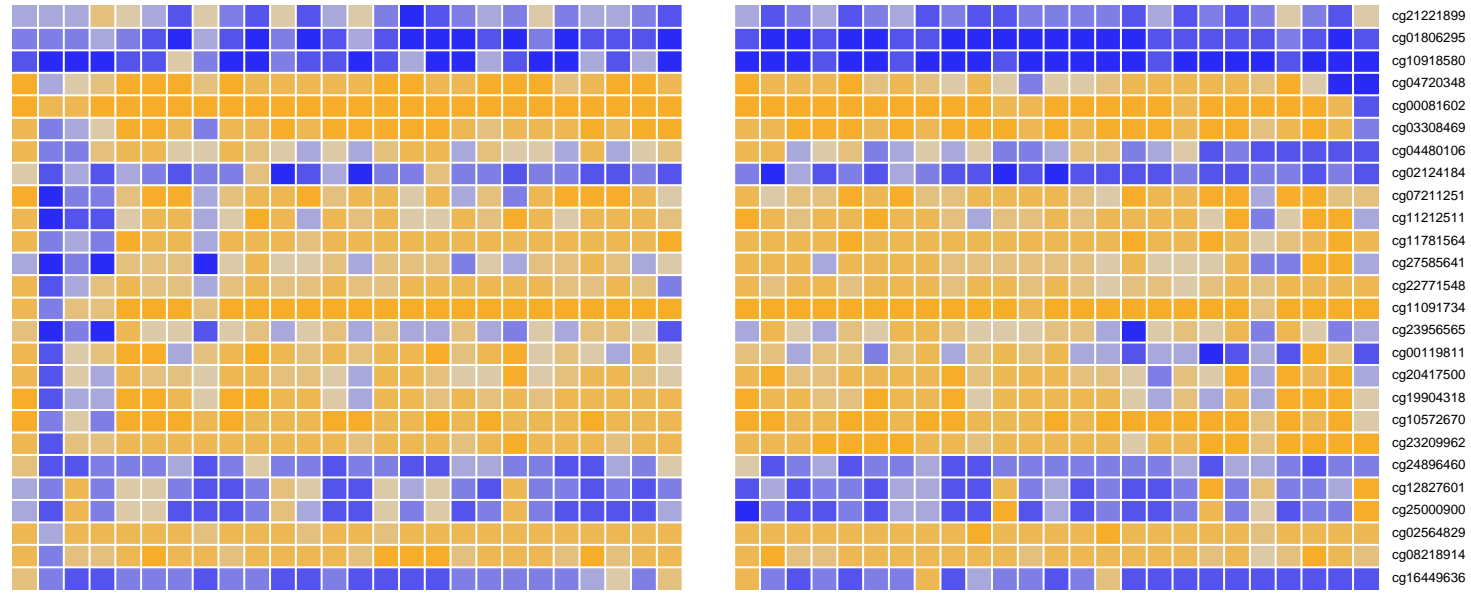
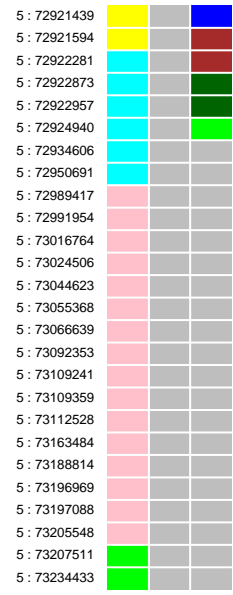
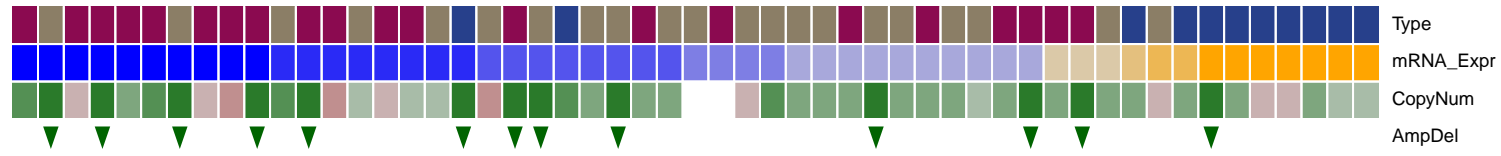
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GeneLoc  
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 CpIsland

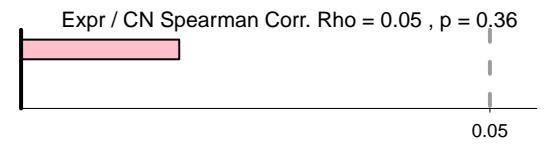
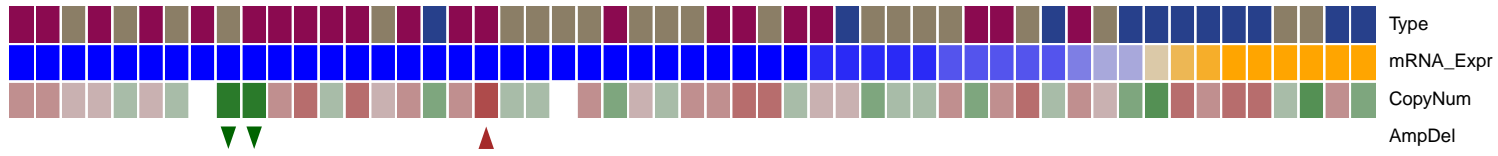


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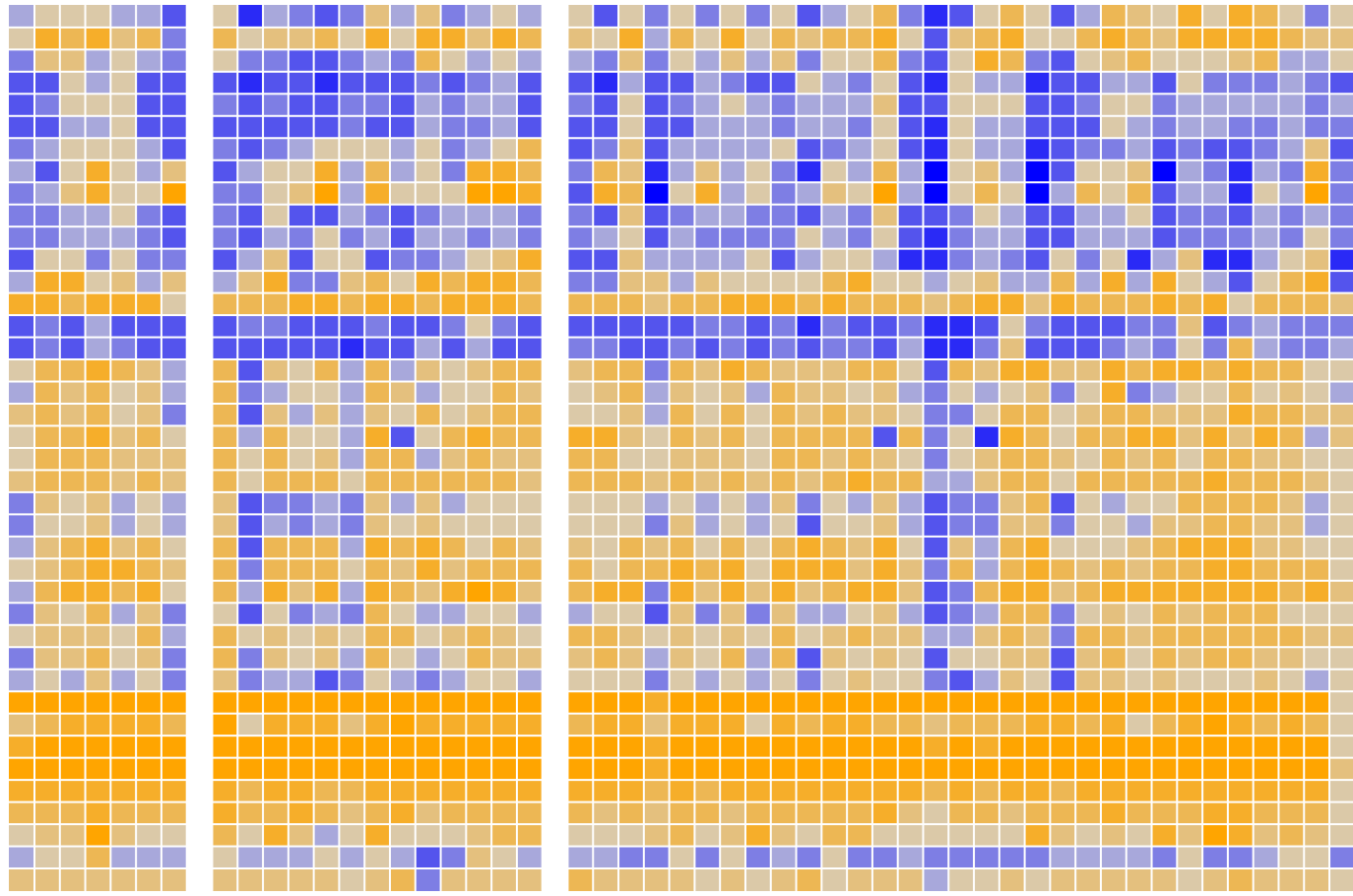


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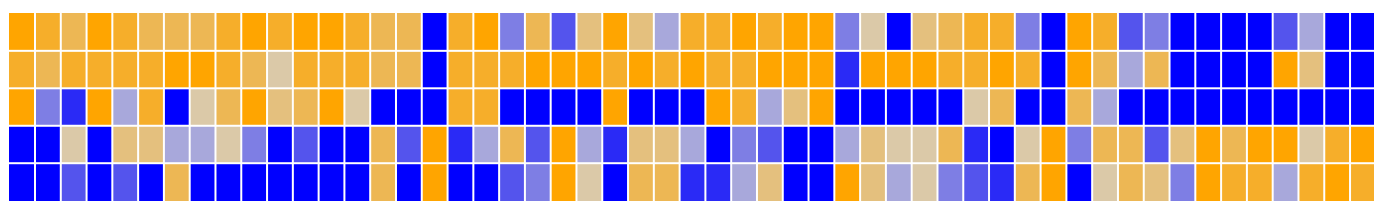
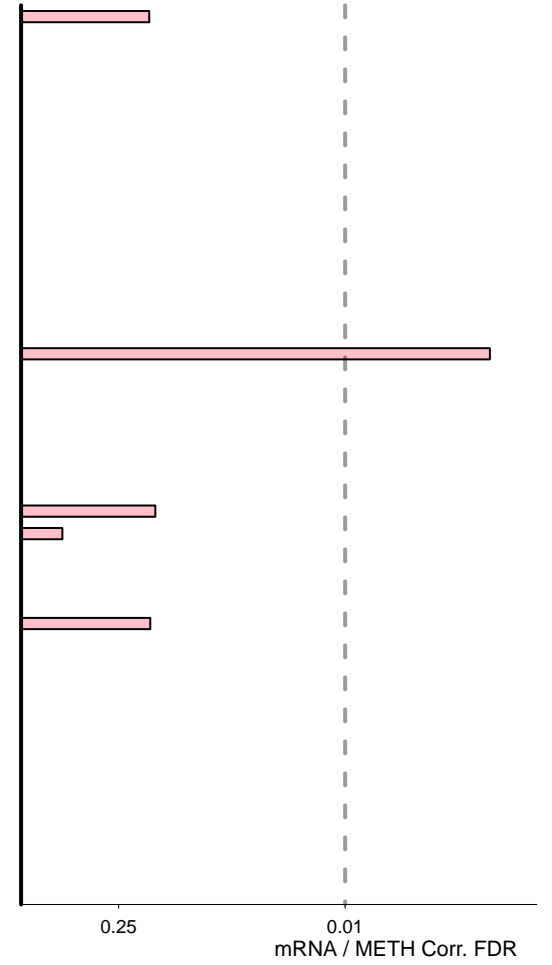


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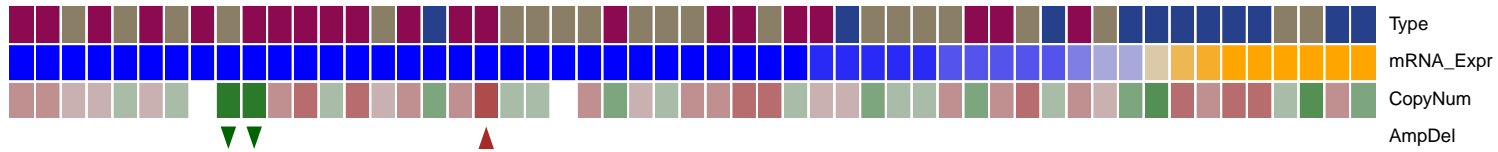
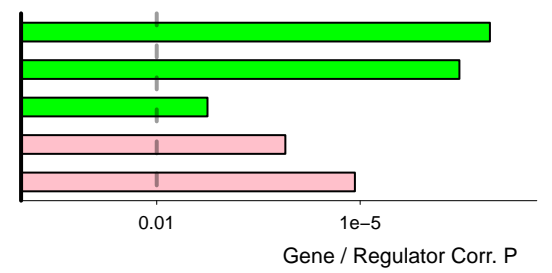
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 PromoterAssoc  
 CpGIsland



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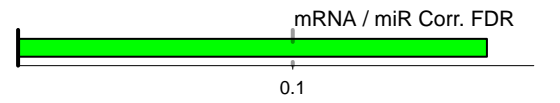
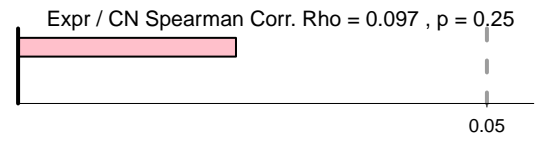
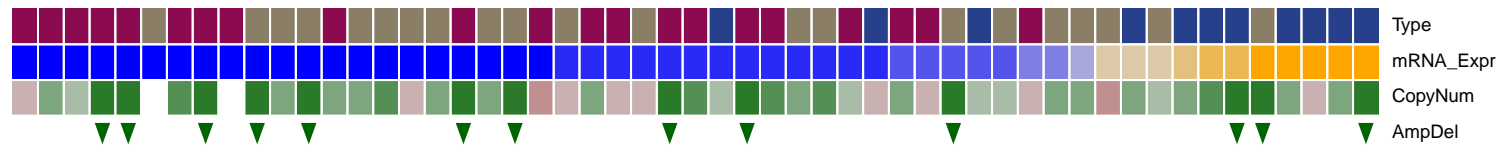


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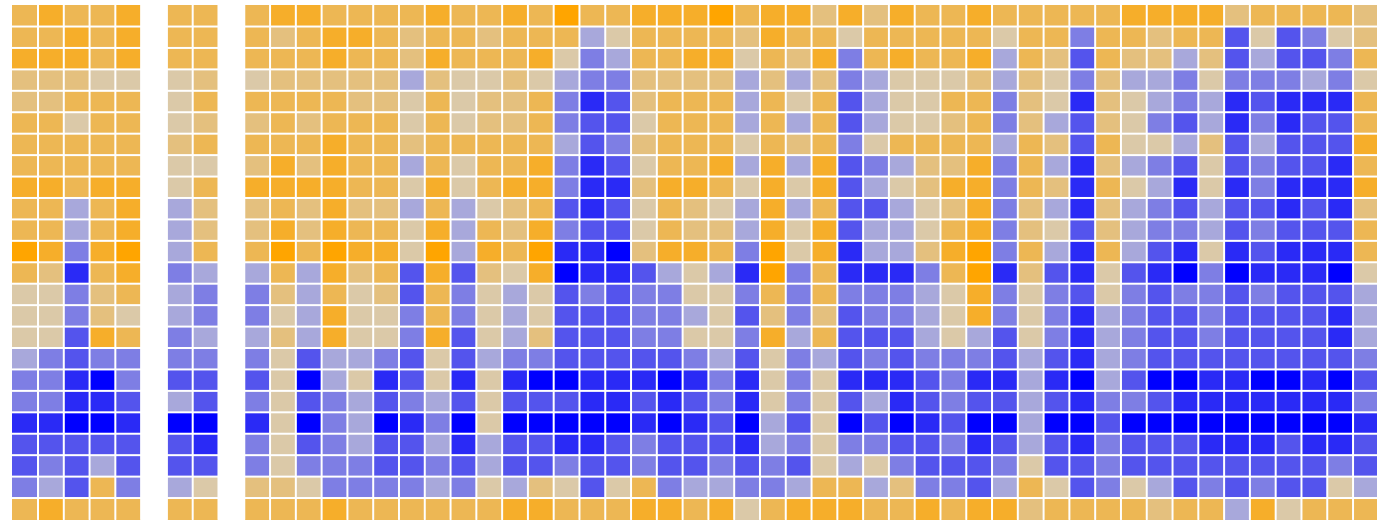
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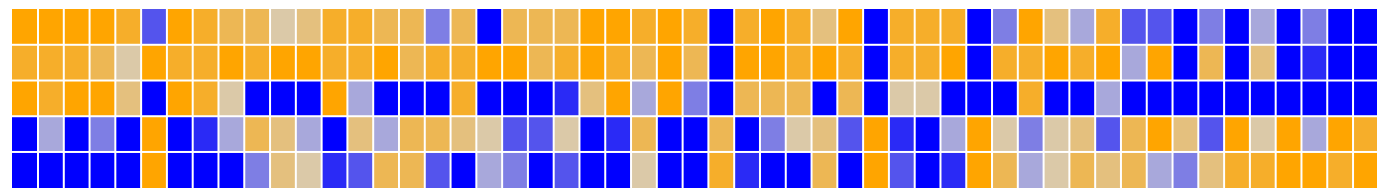
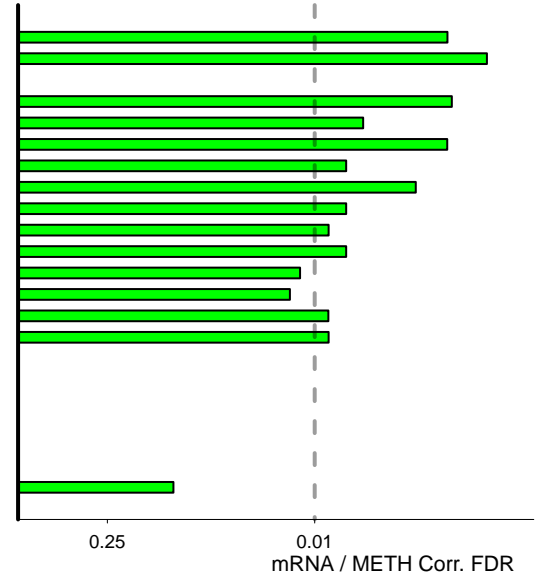


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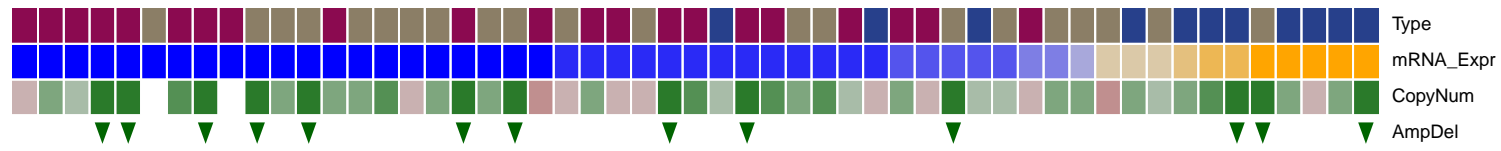
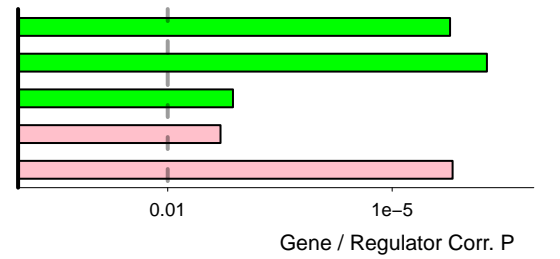
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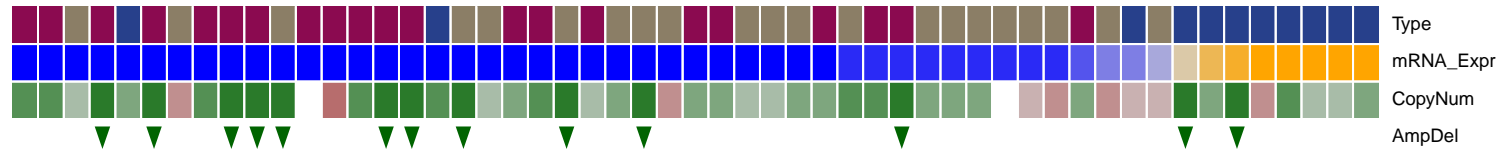


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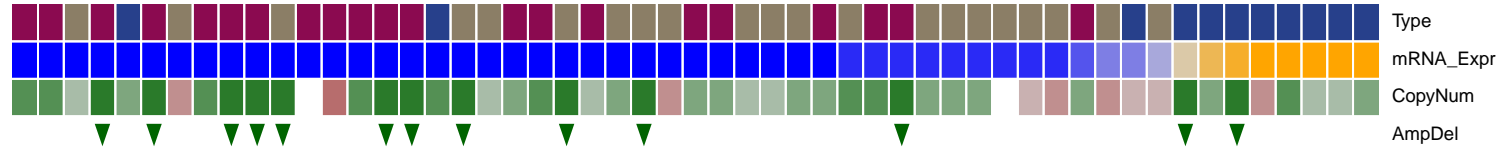
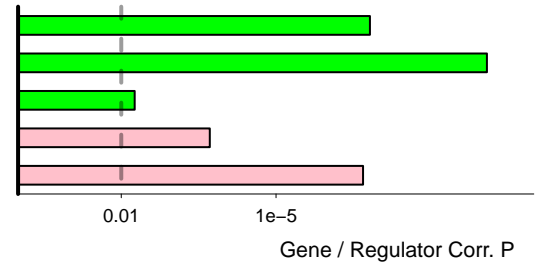
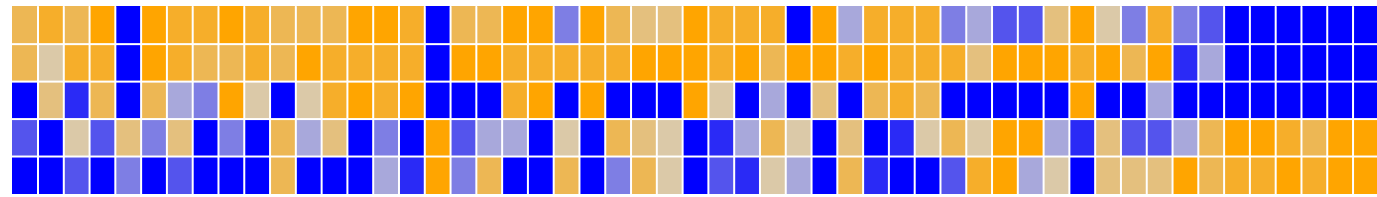
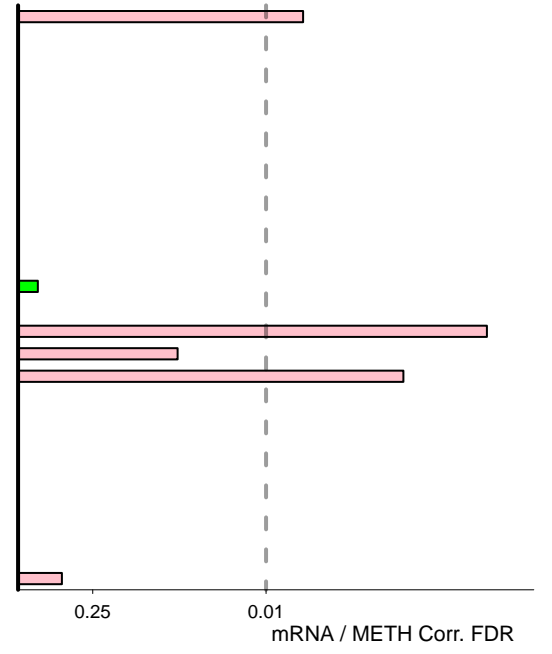
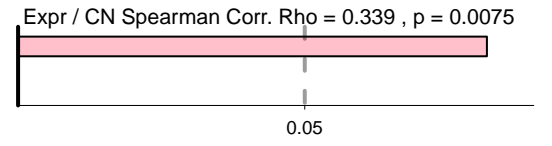
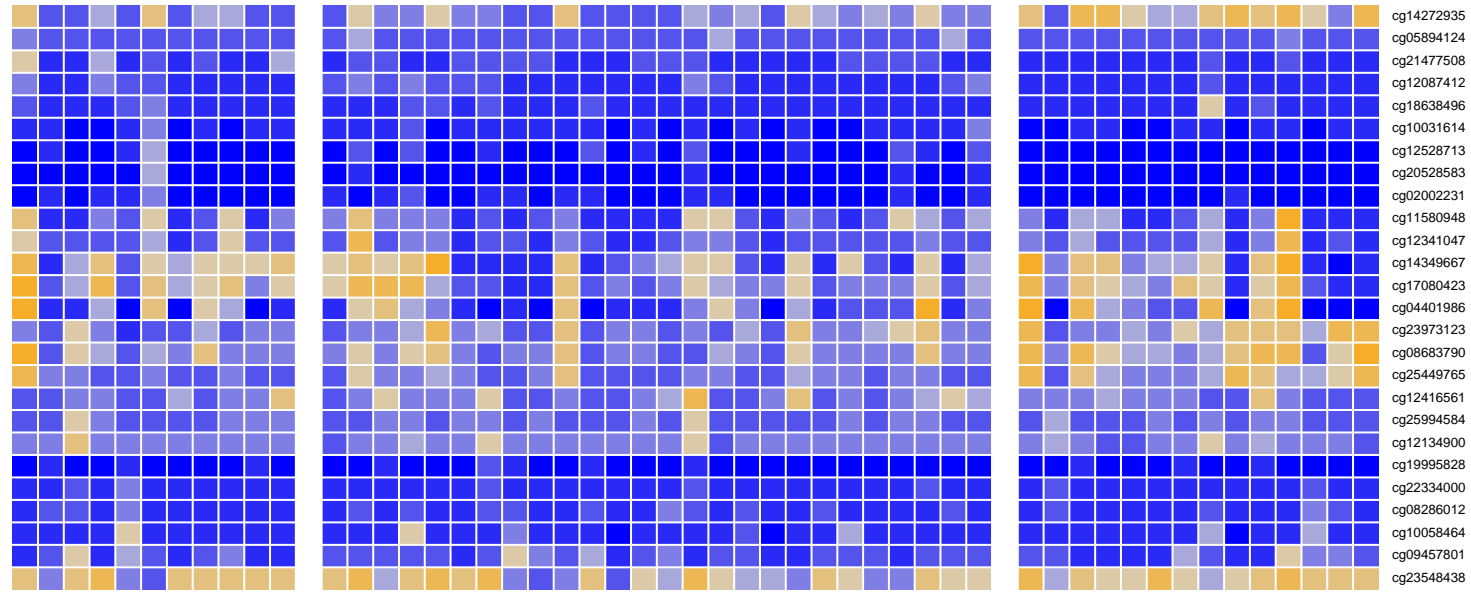
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# FGF5



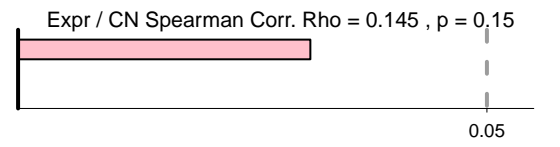
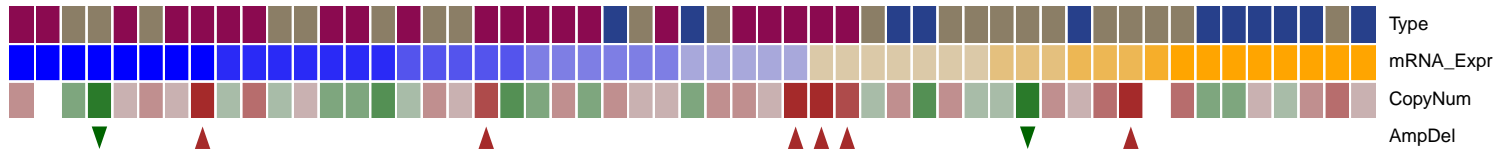
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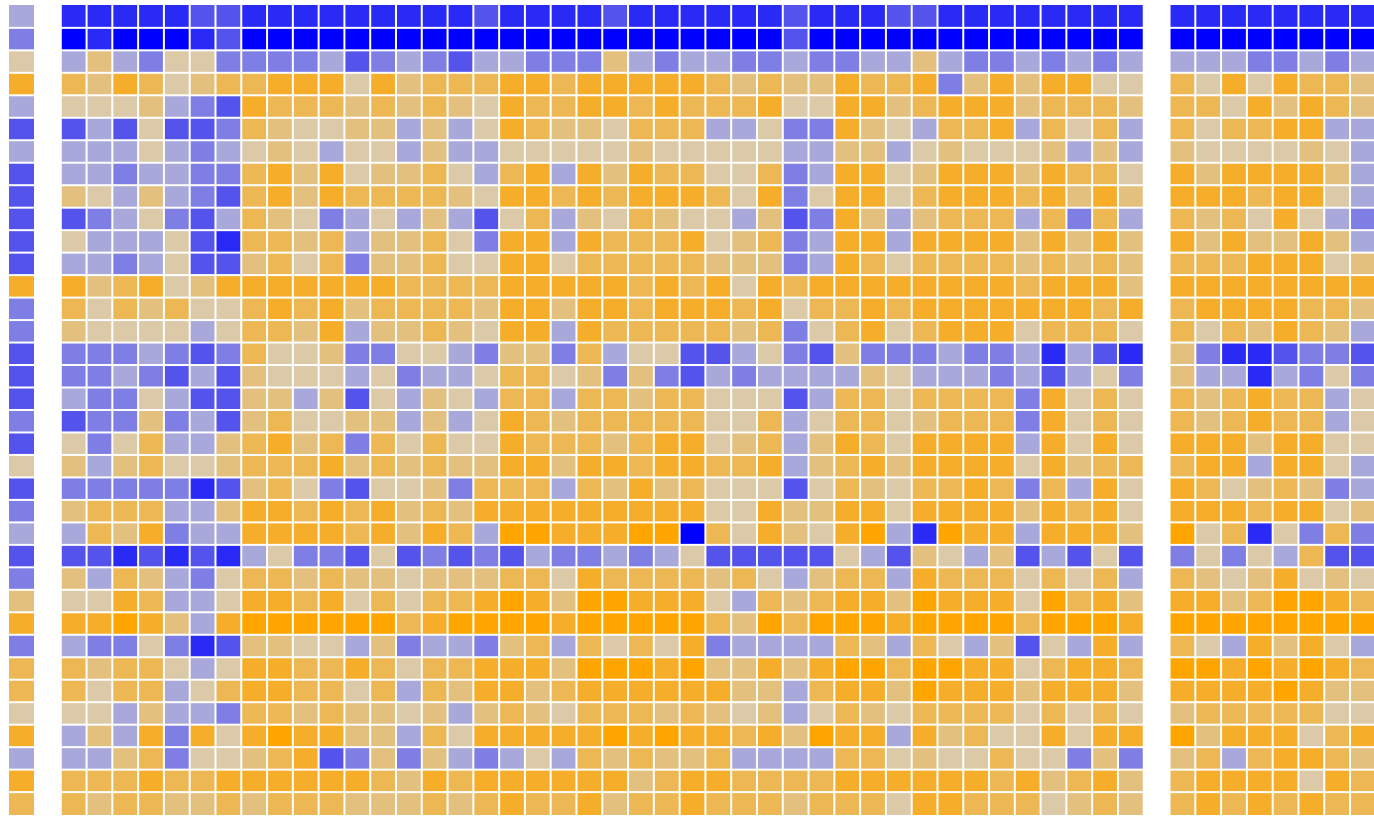
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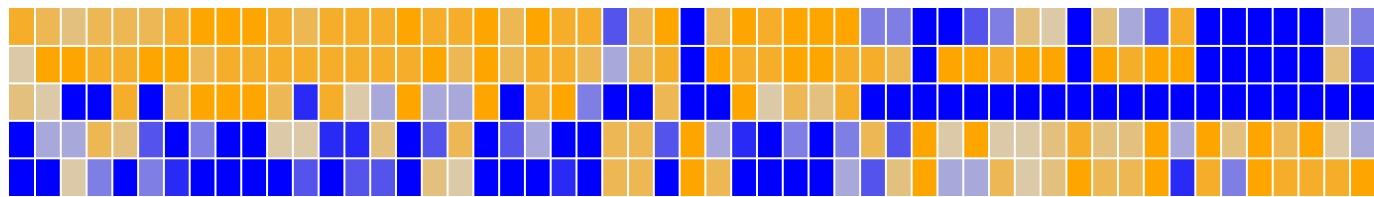
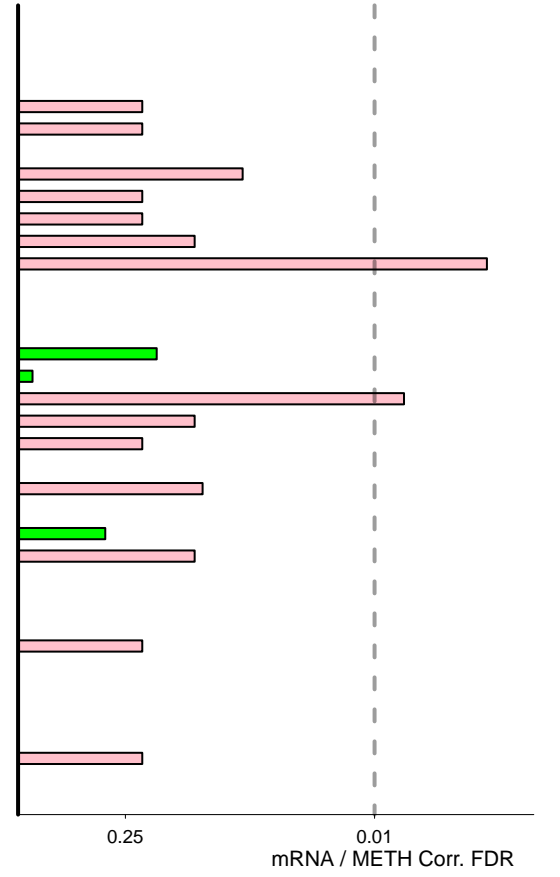


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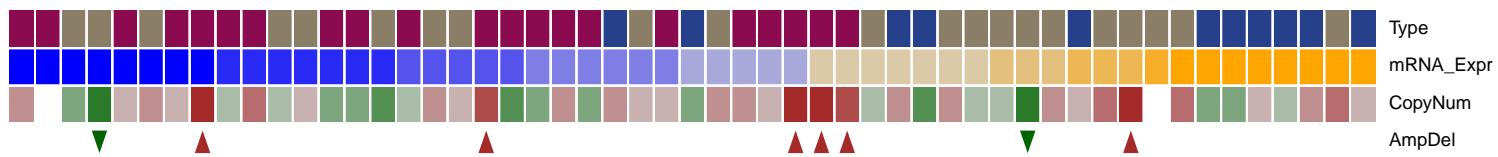
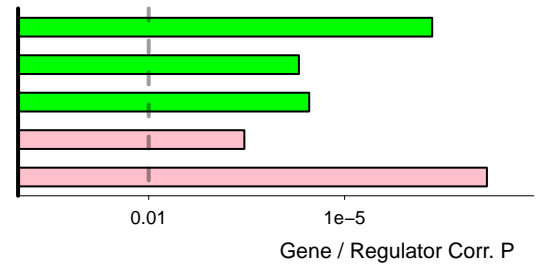
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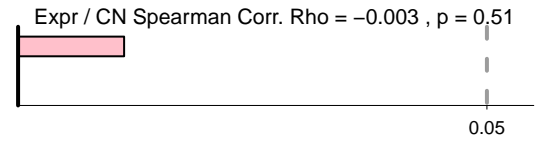
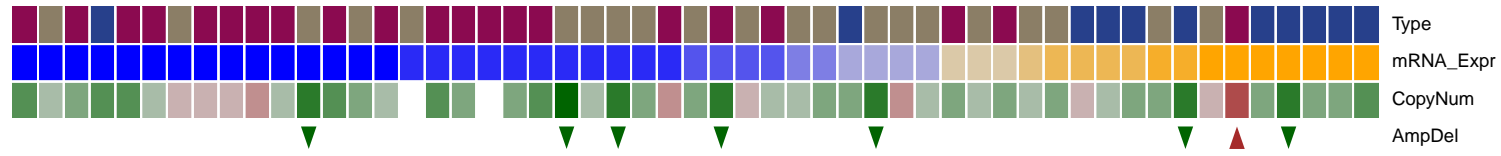


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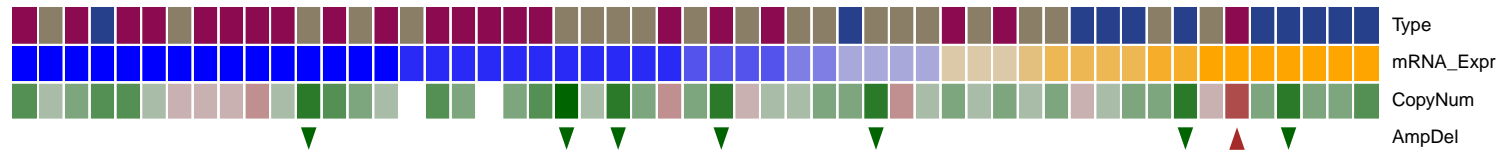
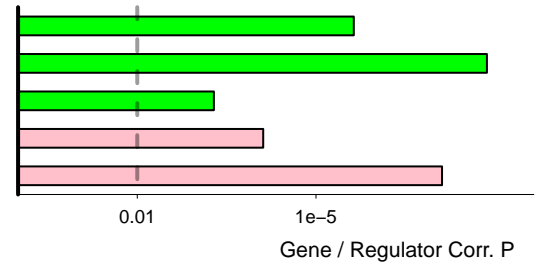
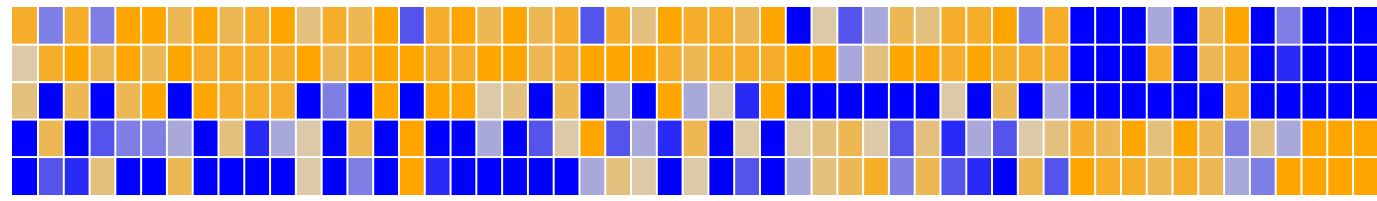
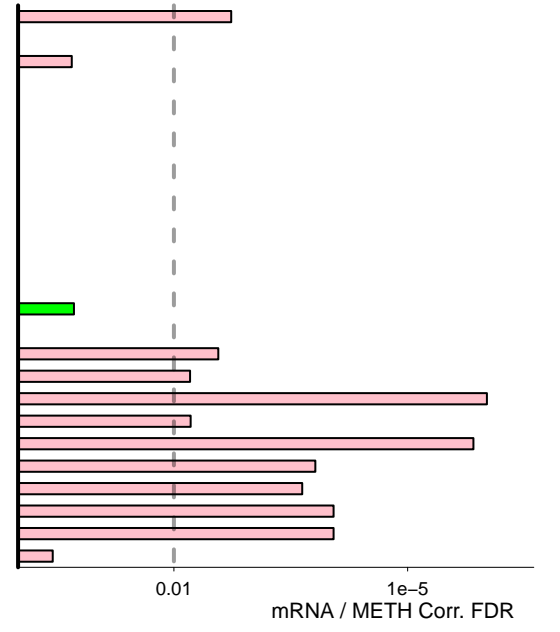
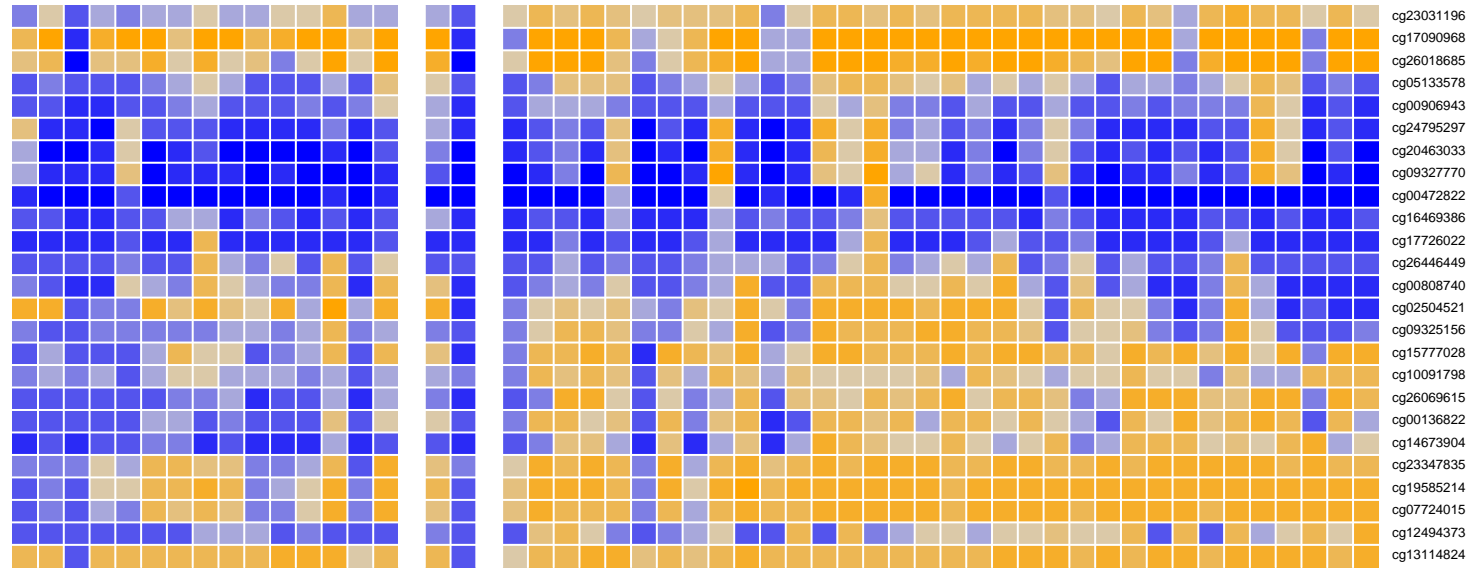
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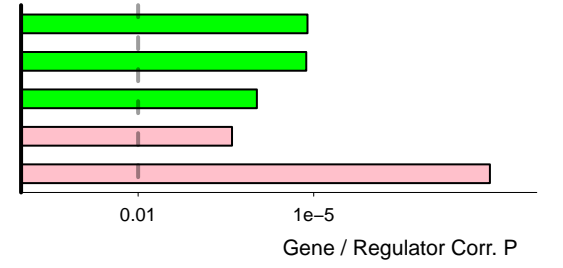
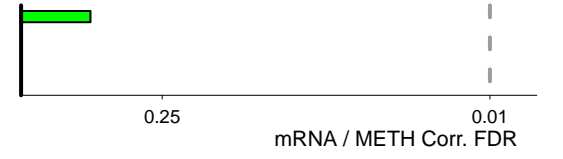
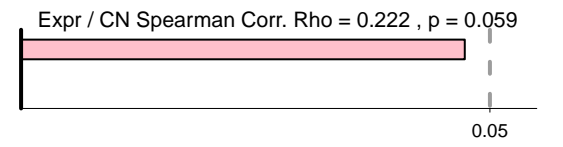
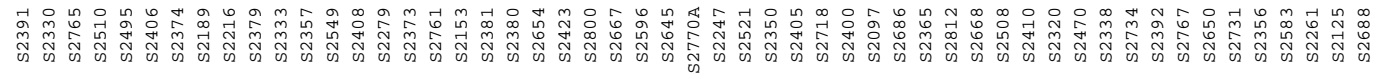
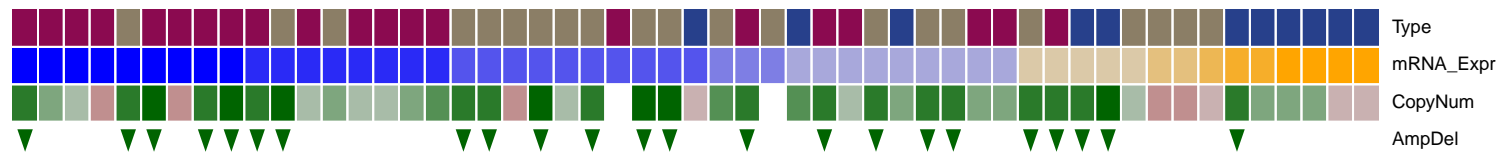
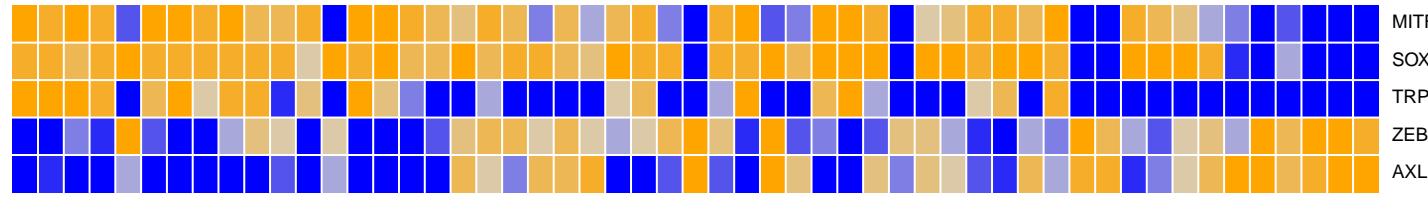
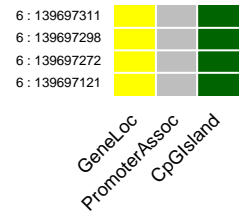
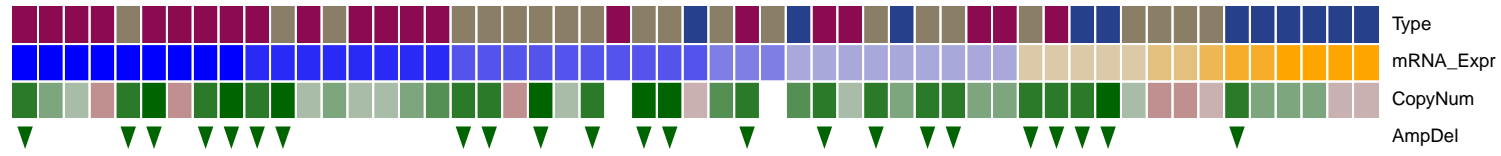
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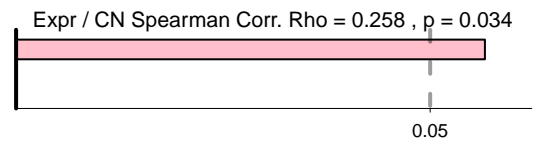
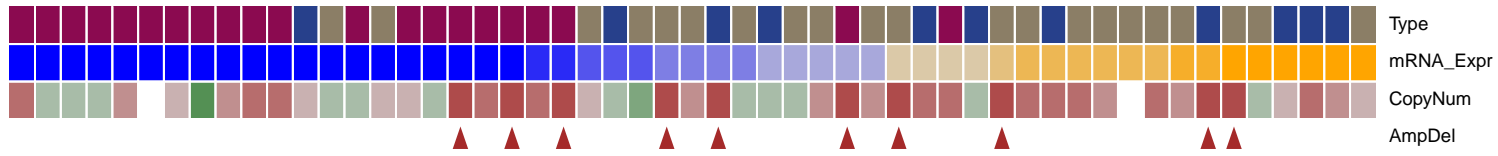
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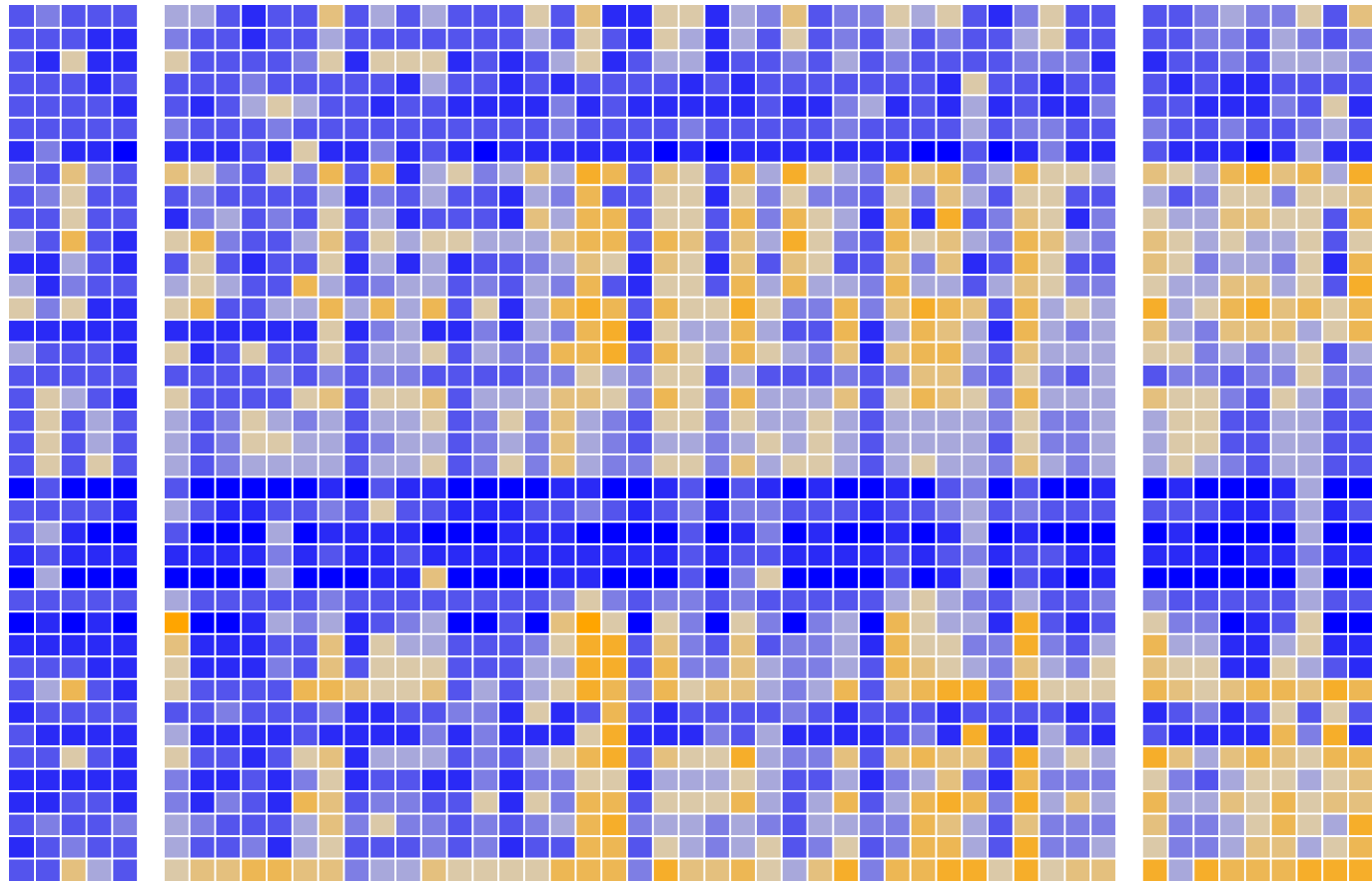


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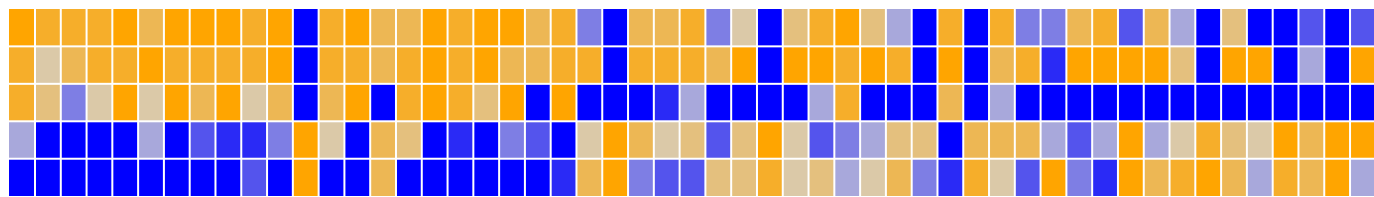
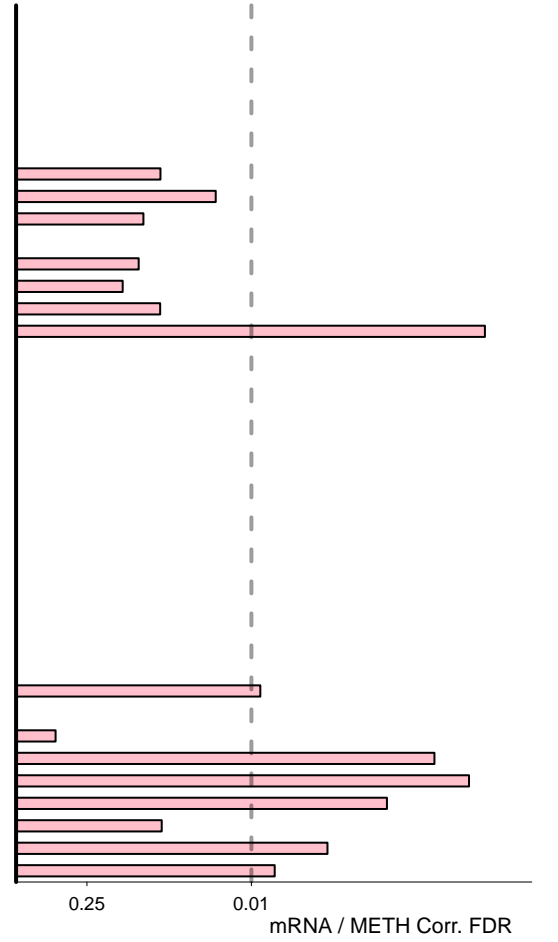


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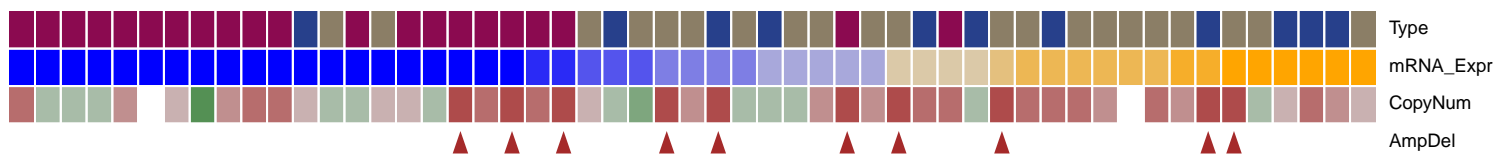
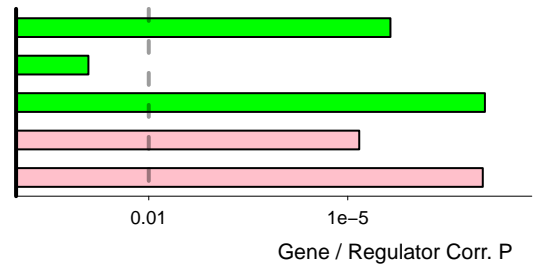
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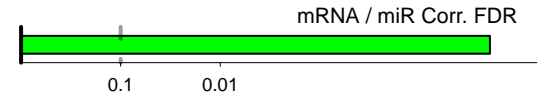
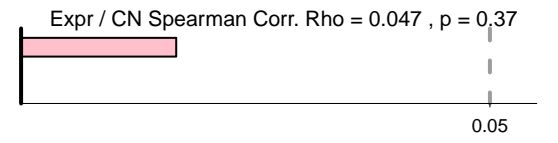
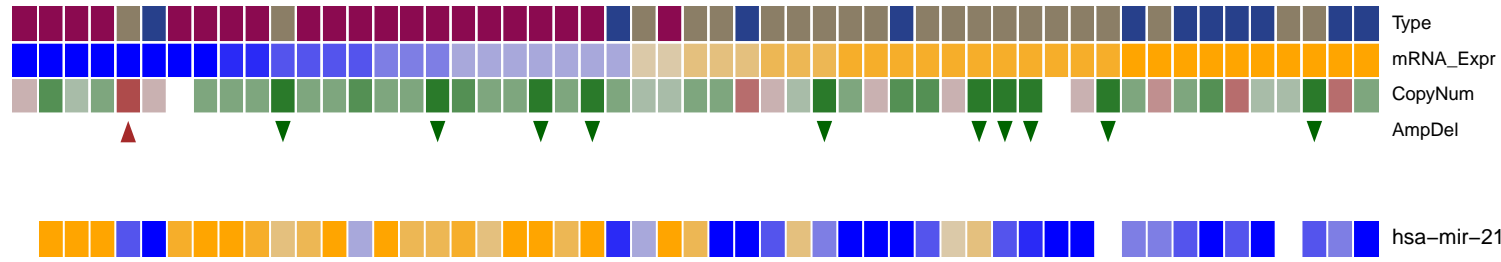


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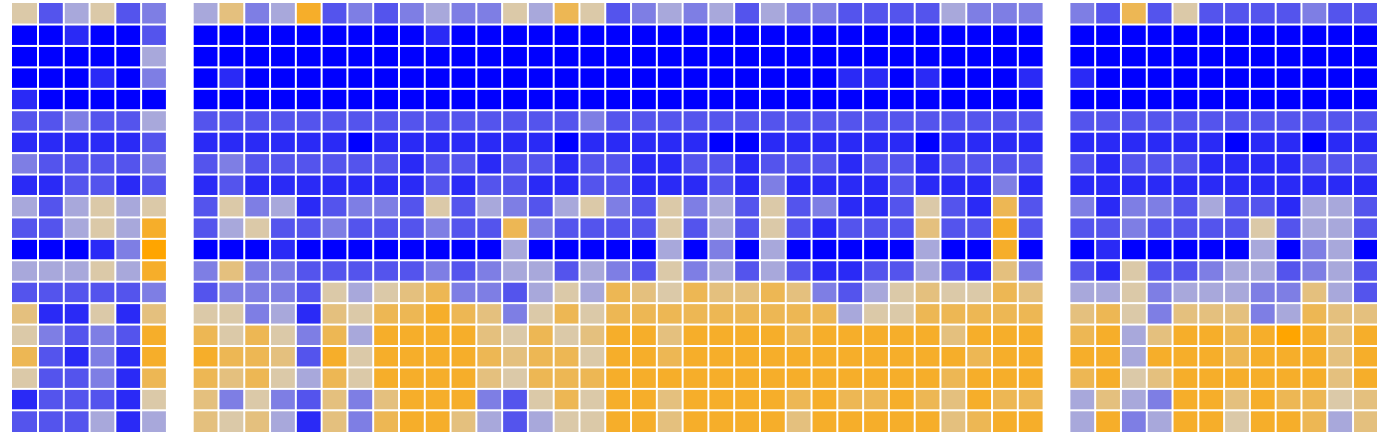


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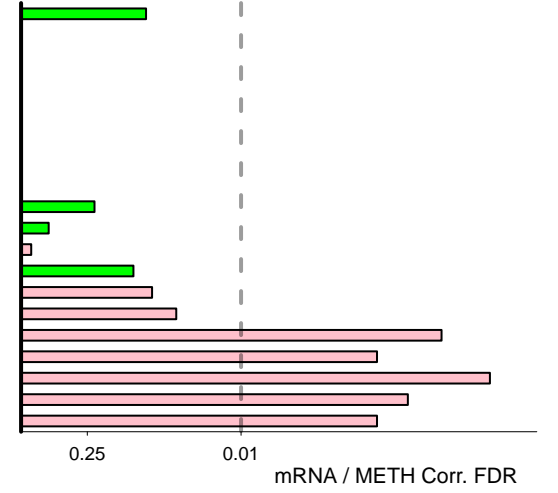
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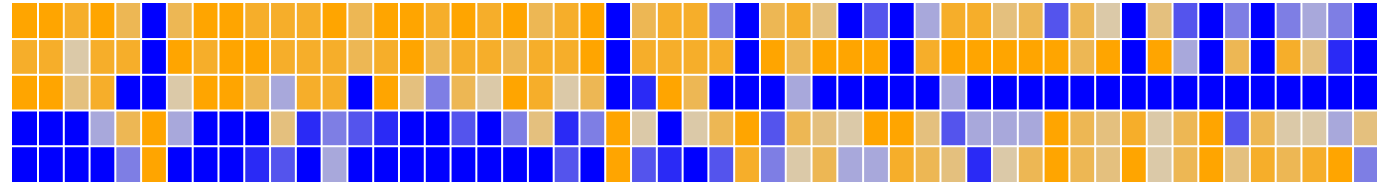
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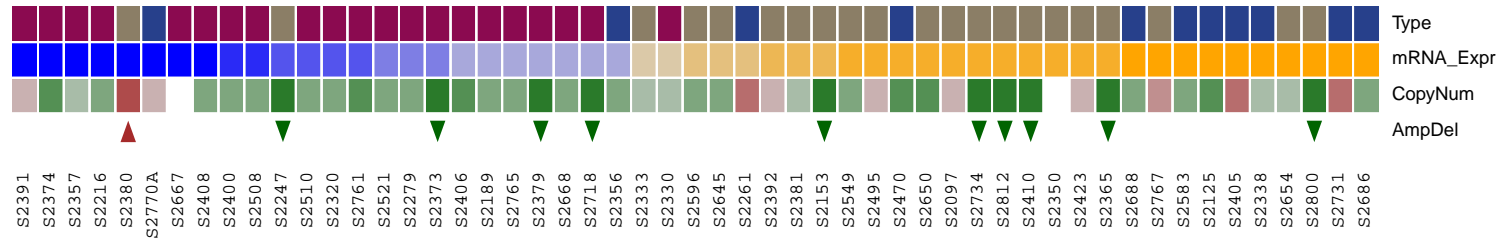
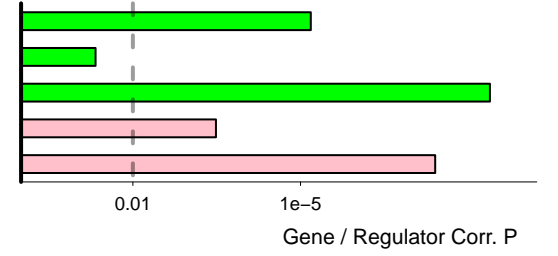
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GeneLoc  
PromoterAssoc  
CpIsland

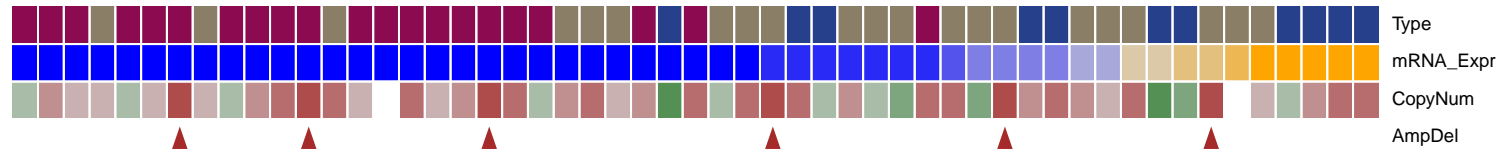


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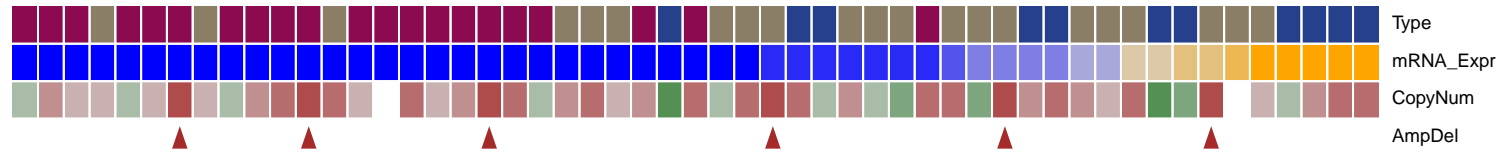
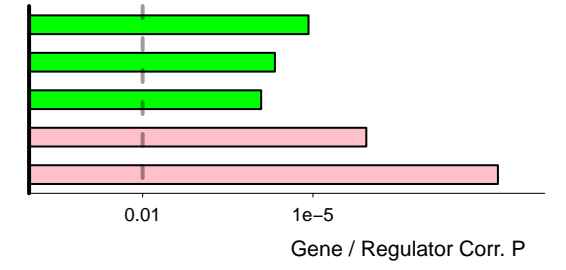
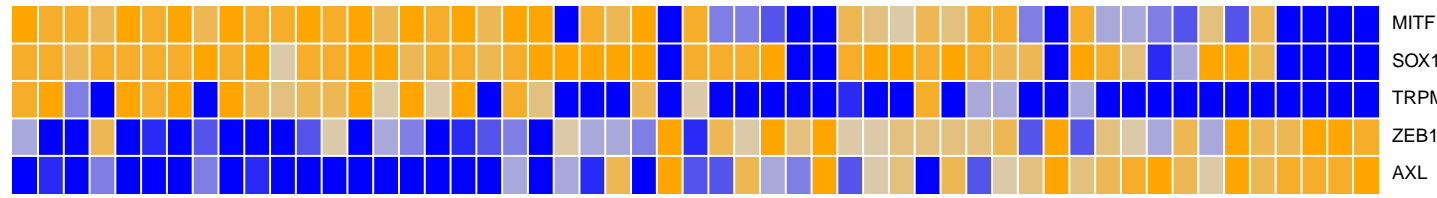
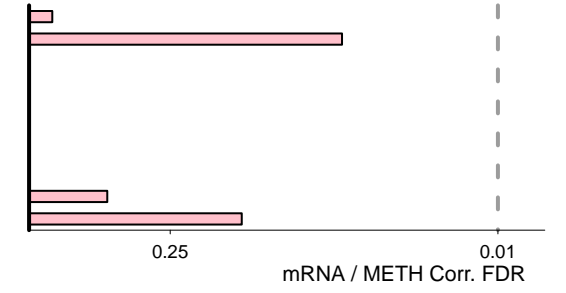
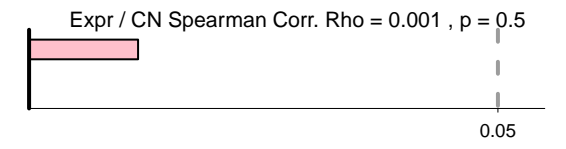
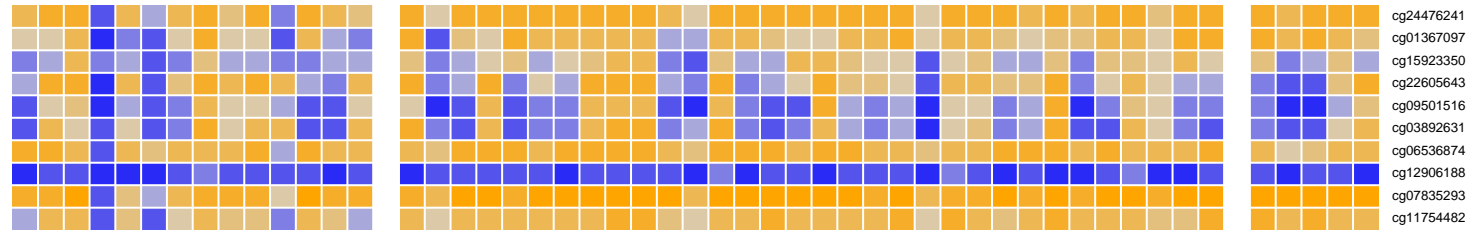
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# RGS4



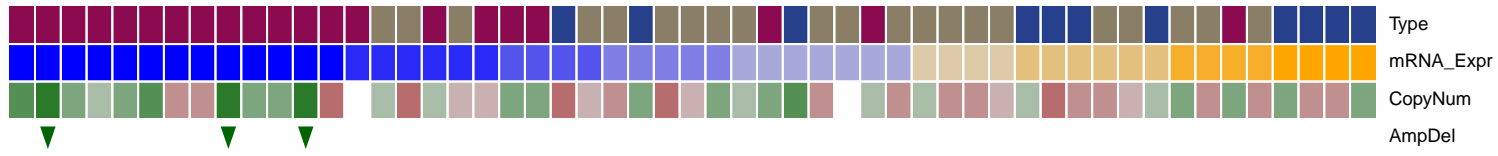
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GeneLoc  
 PromoterAssoc  
 CpGIsland



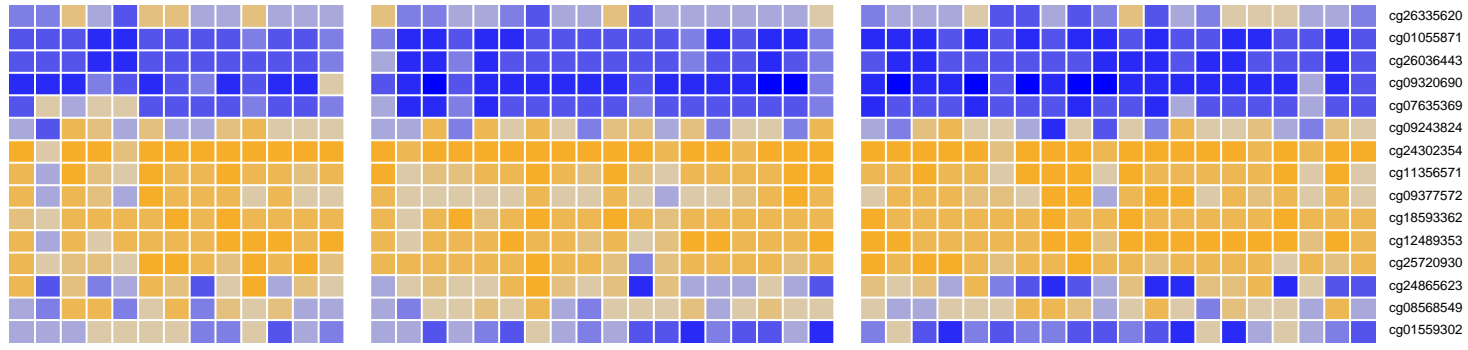
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# EHD2

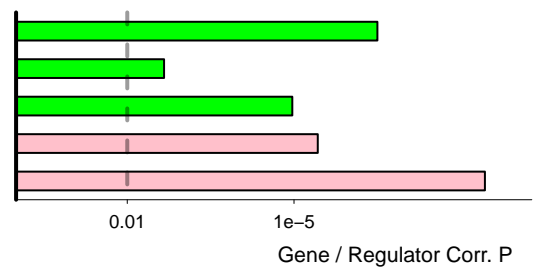
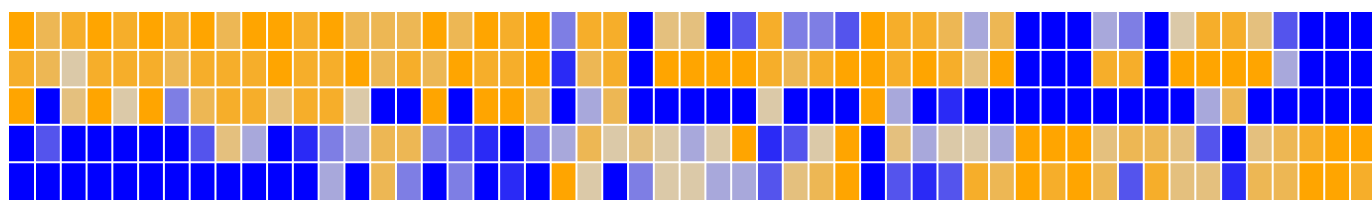
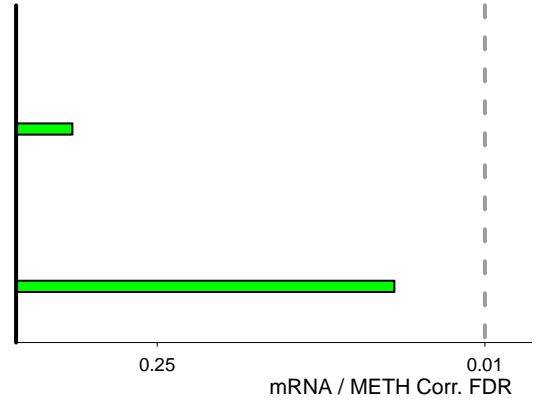
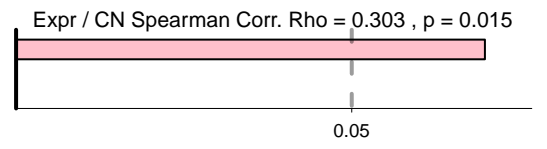


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GeneLoc  
 PromoterAssoc  
 CpGIsland



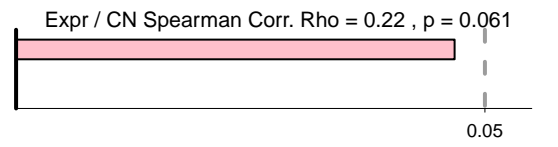
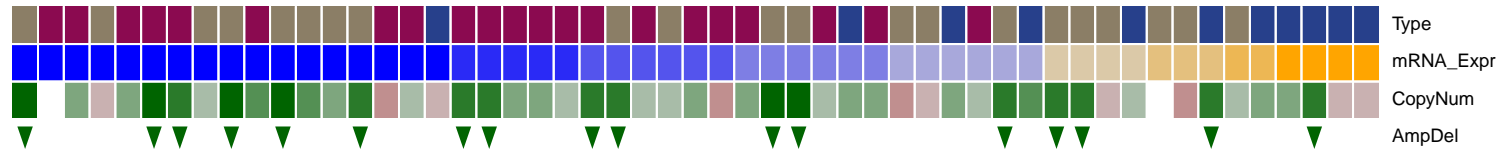
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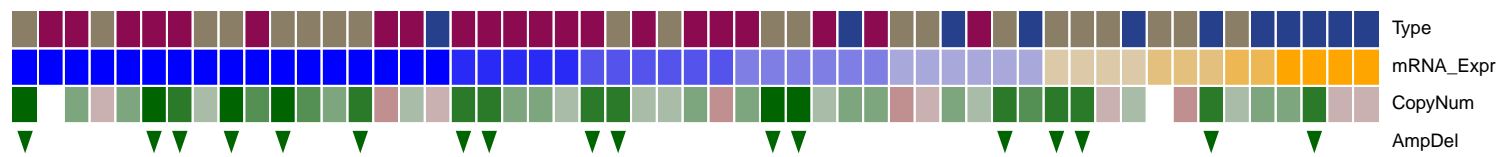
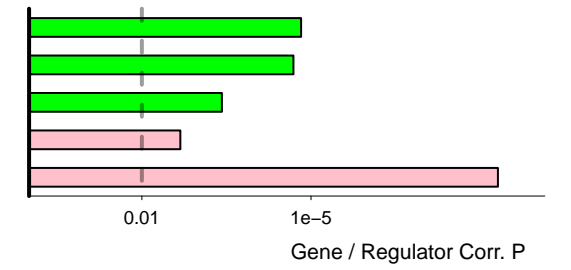
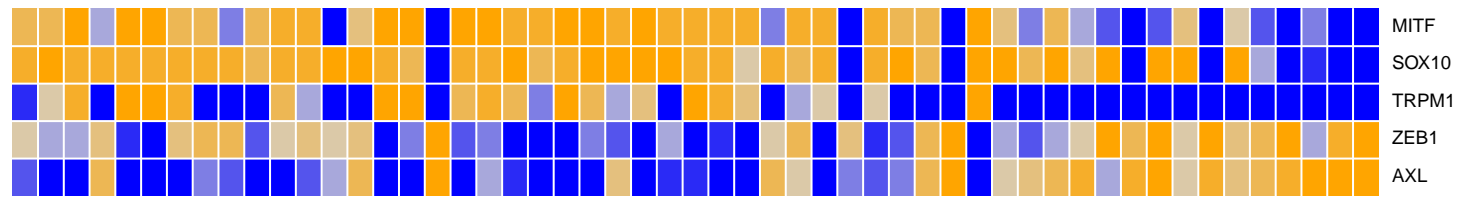
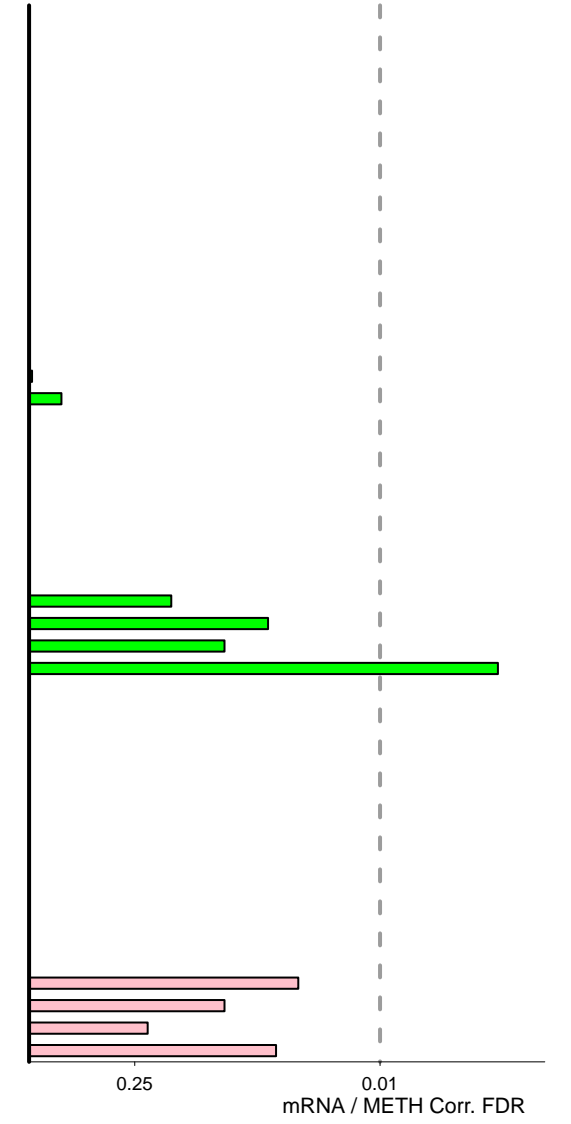
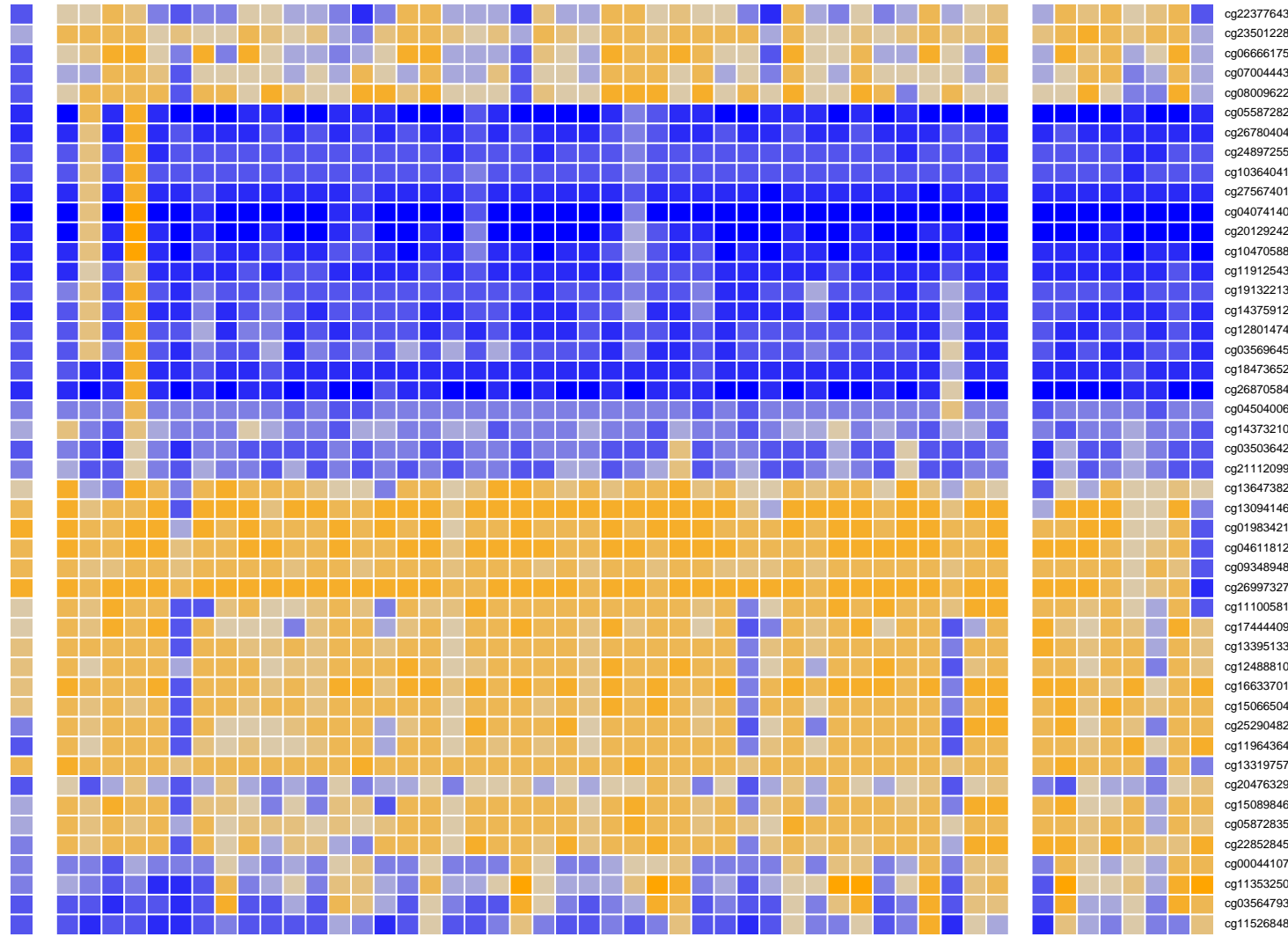
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# COL12A1



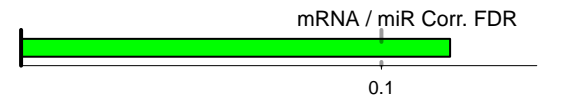
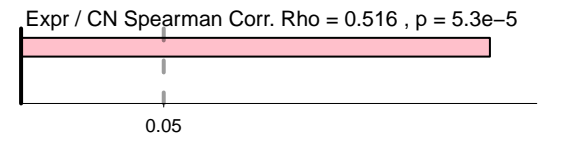
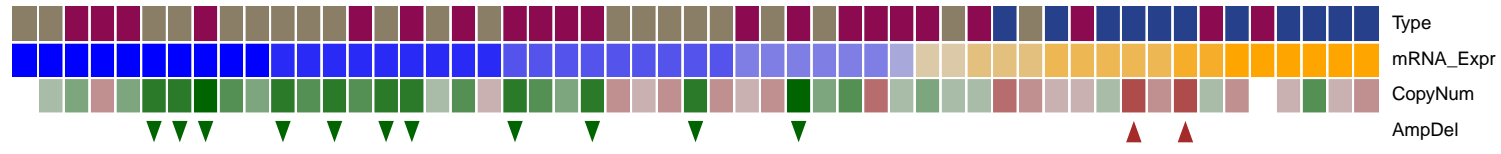
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GeneLoc  
PromoterAssoc  
CpIsland



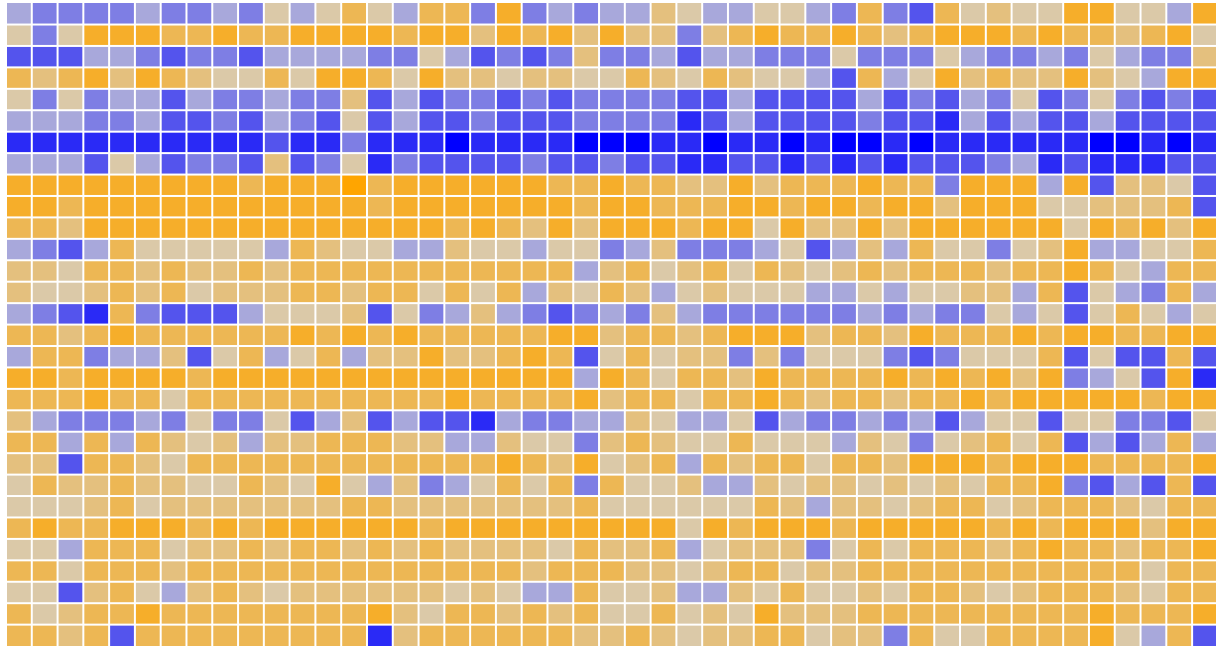
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# MICAL2

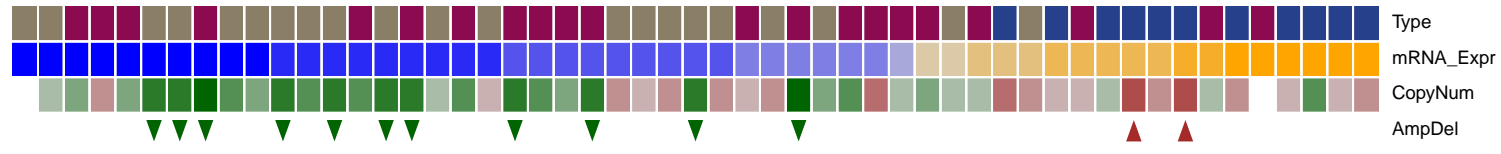
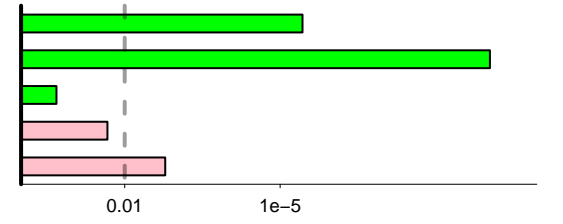
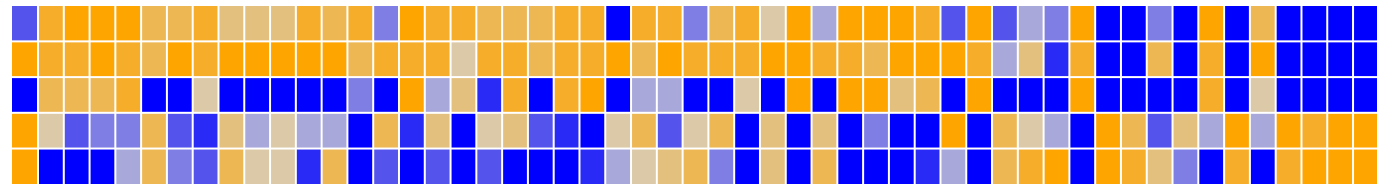
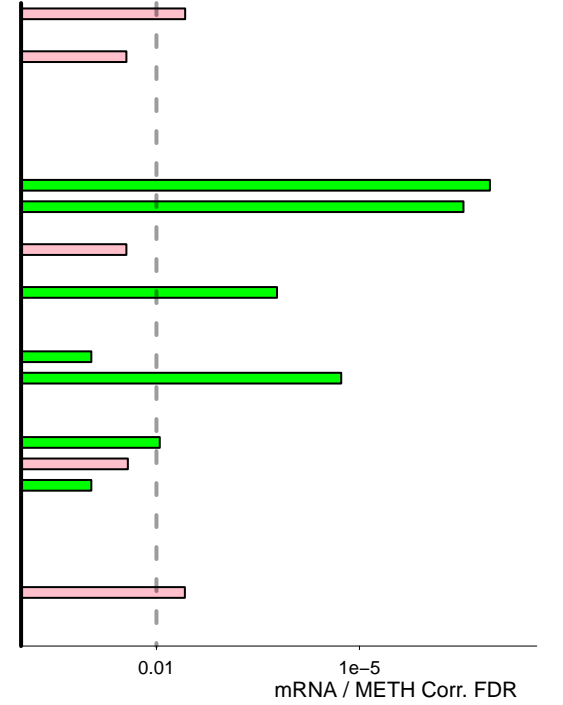


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GeneLoc  
 PromoterAssoc  
 CpGIsland

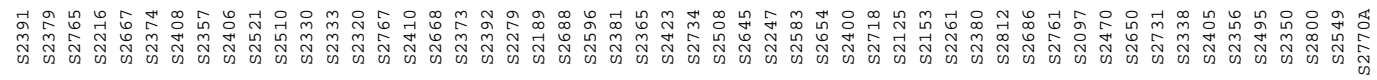
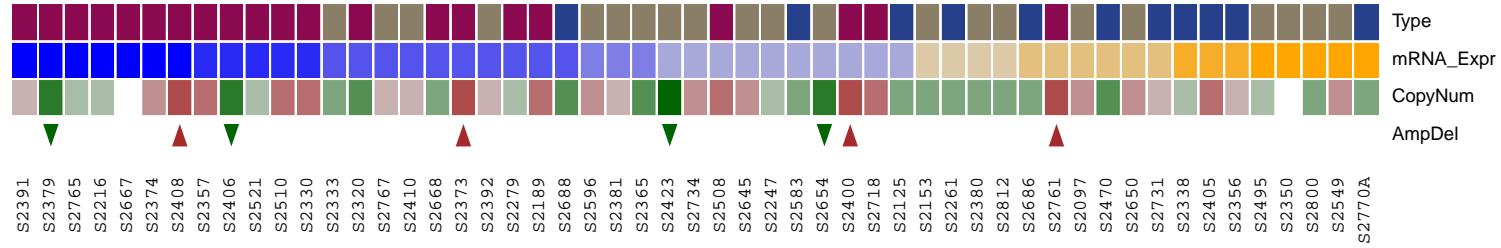
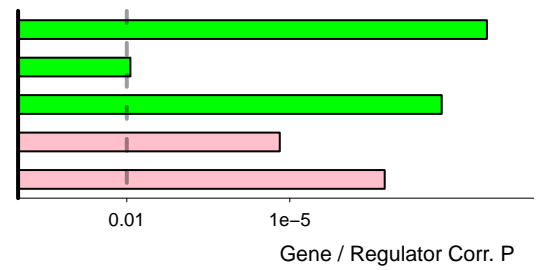
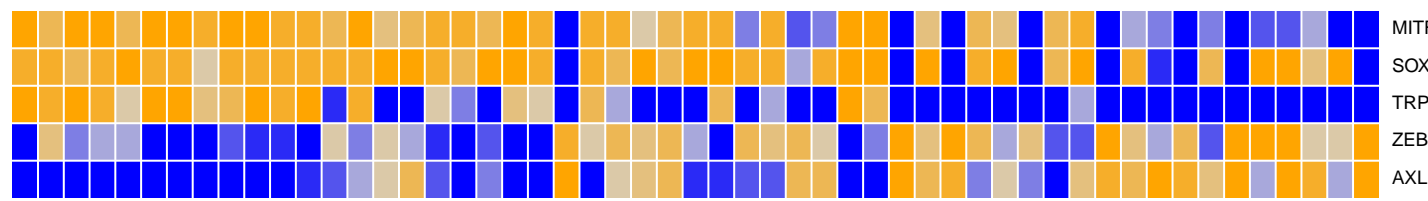
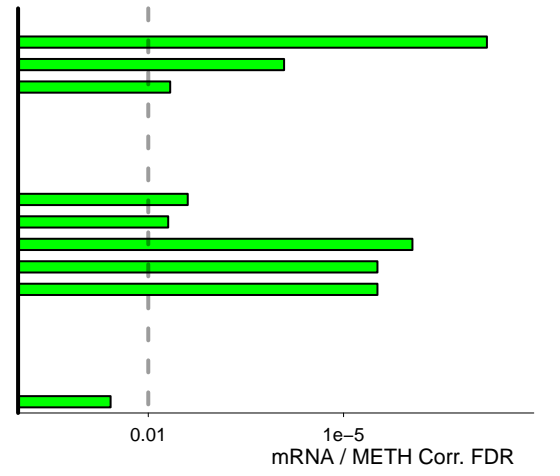
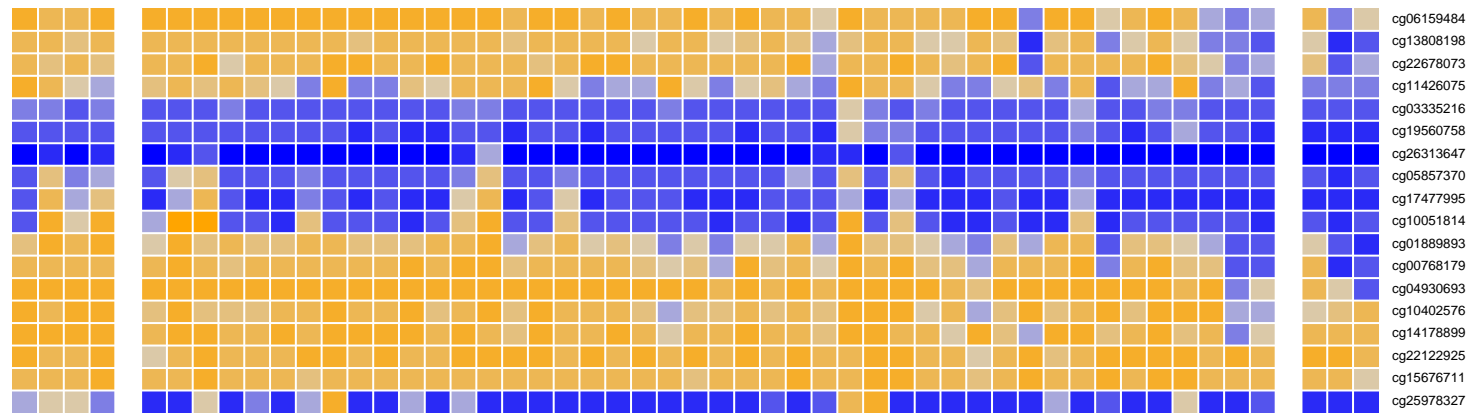
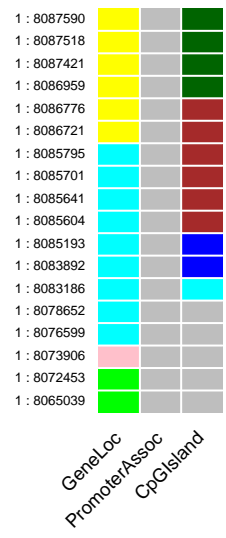
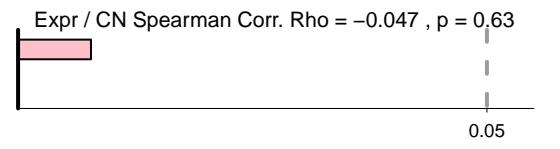
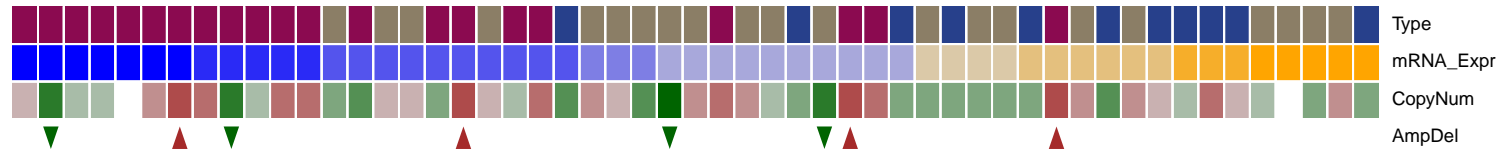


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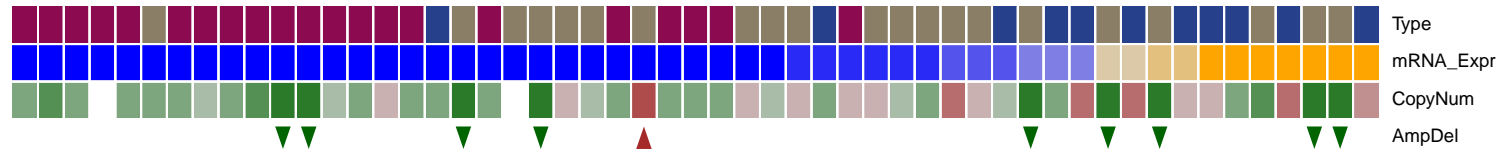
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# ERRF1



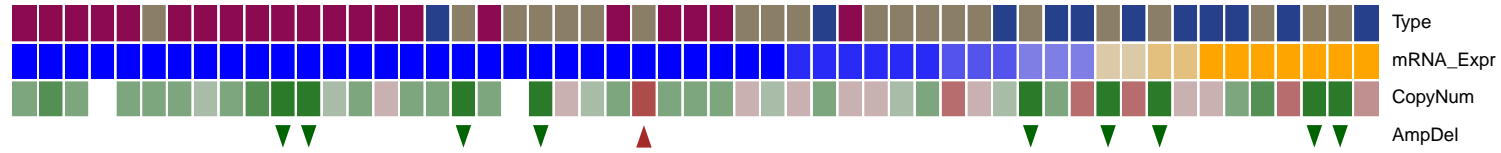
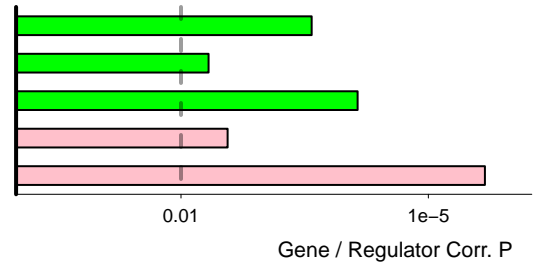
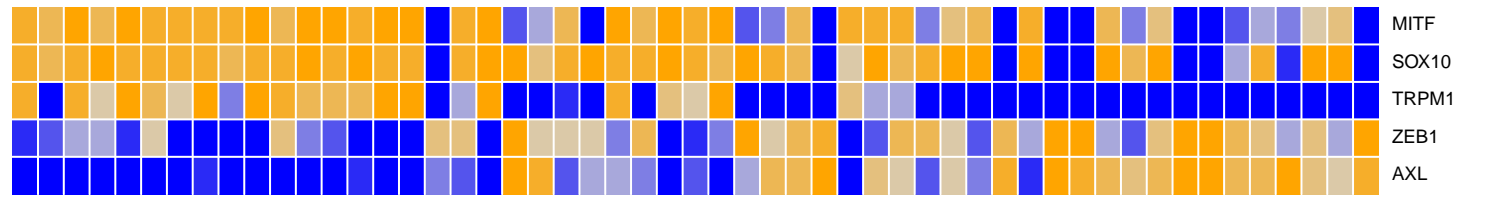
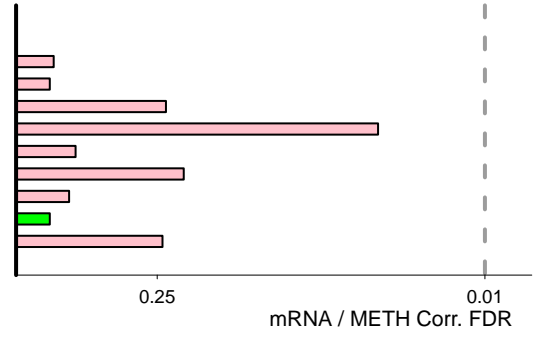
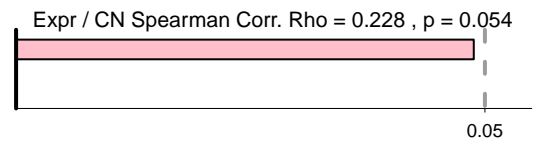
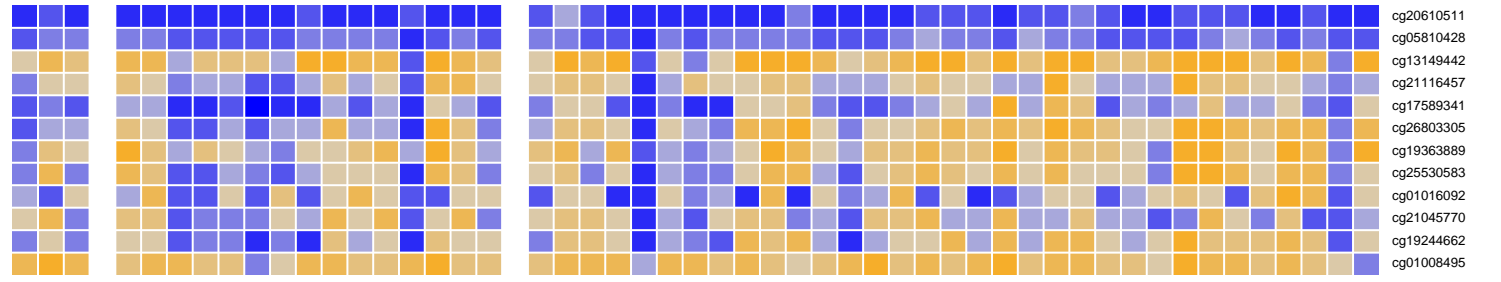


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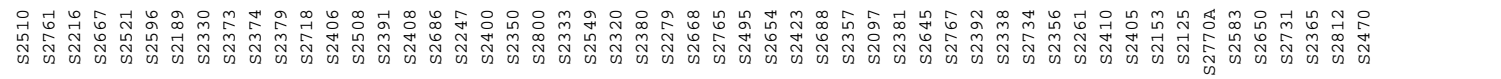


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GeneLoc  
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 CpGIsland

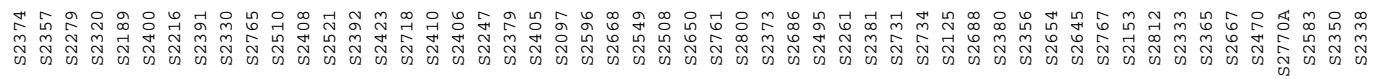
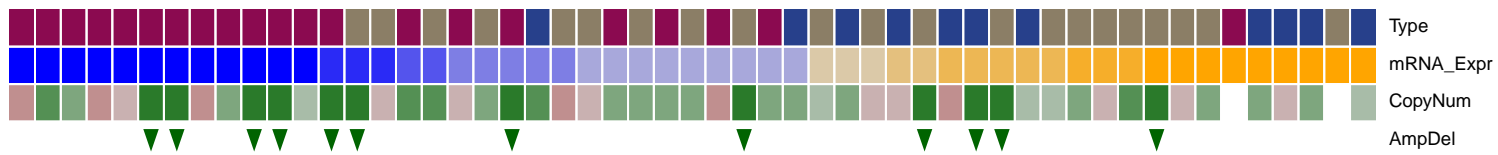
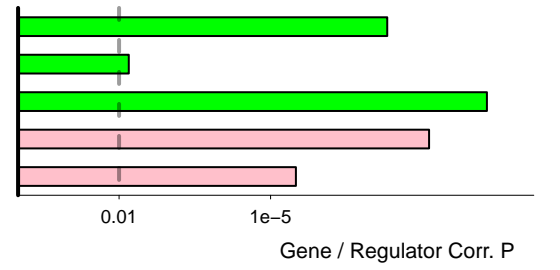
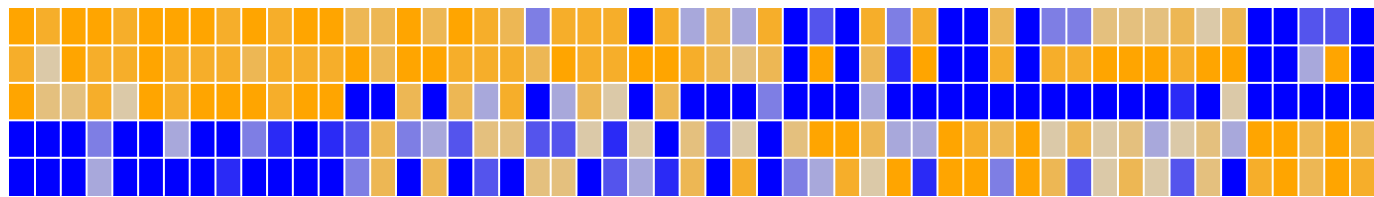
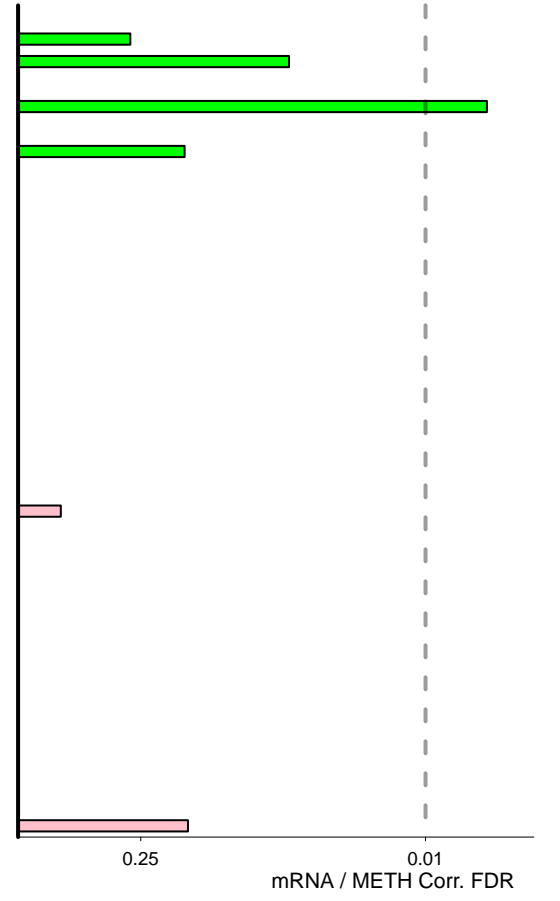
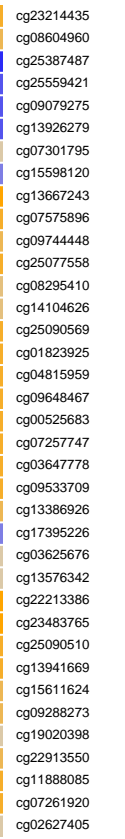
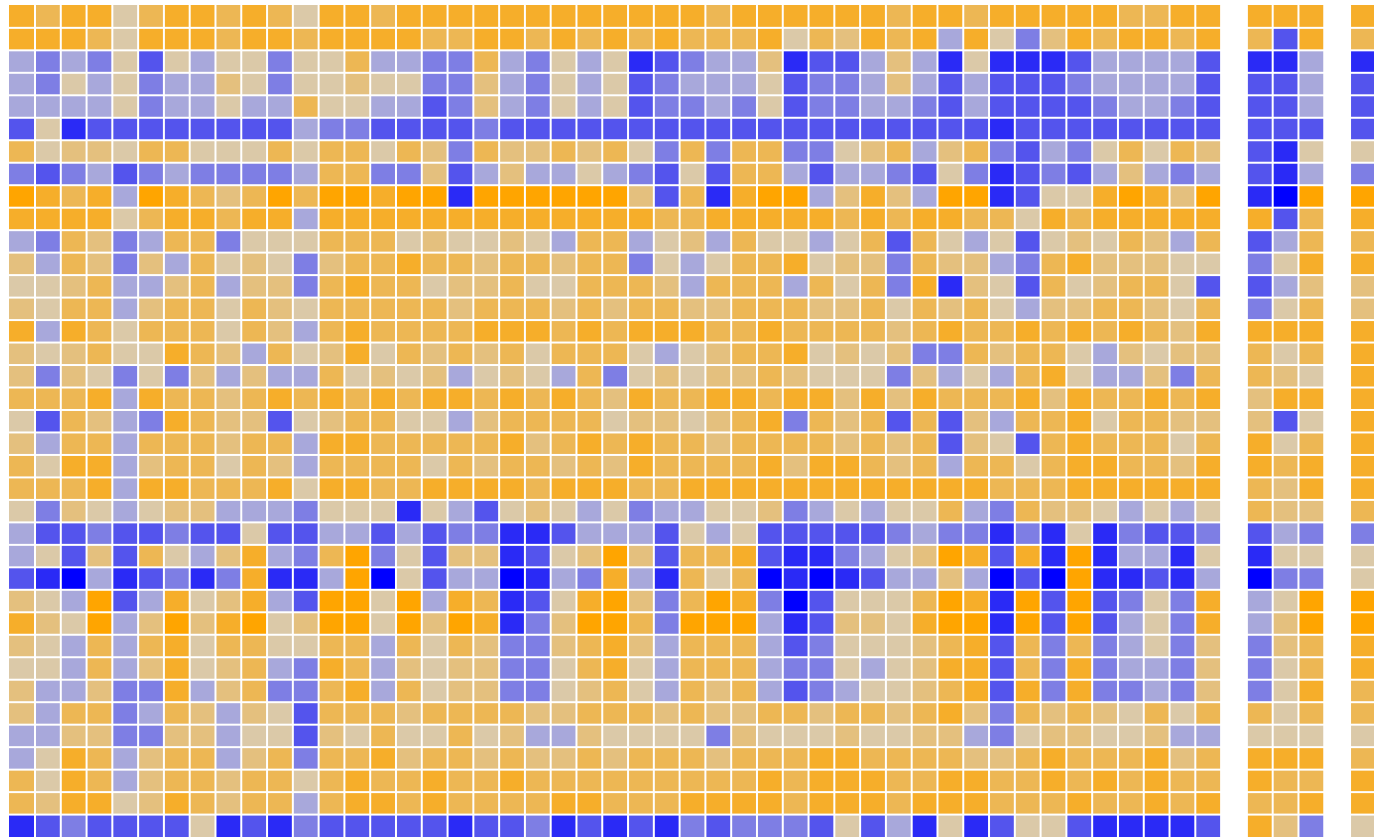
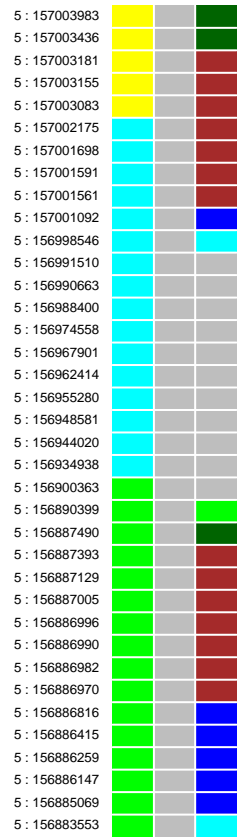
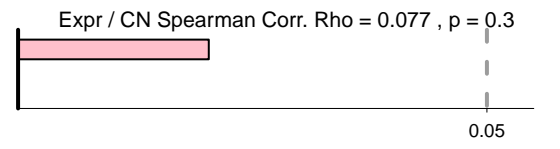
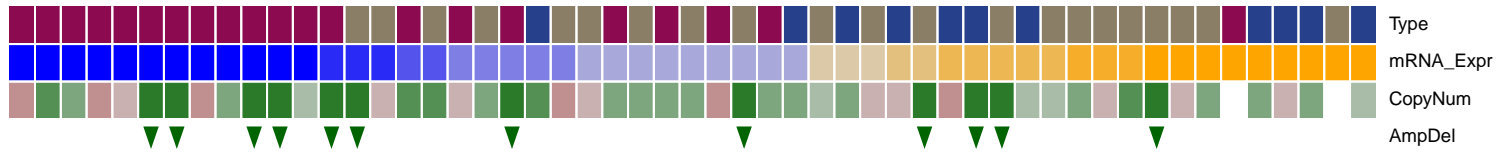


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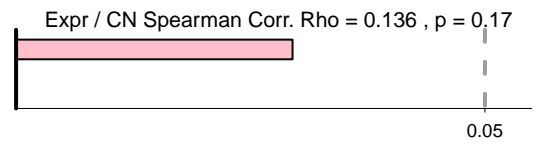
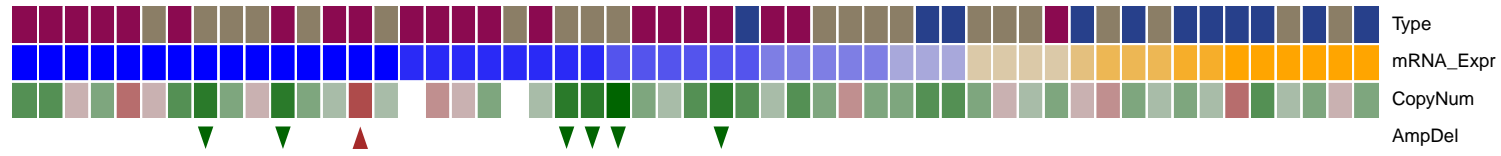


Gene / Regulator Corr. P

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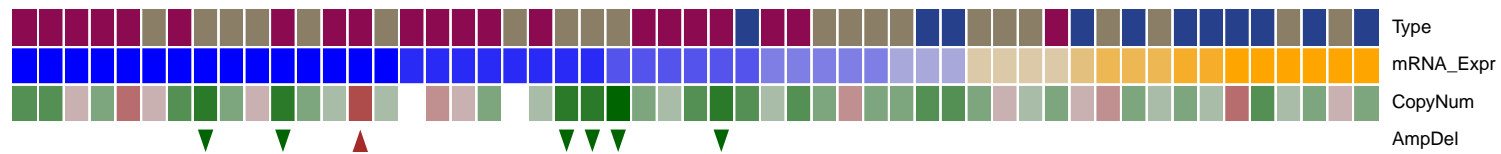
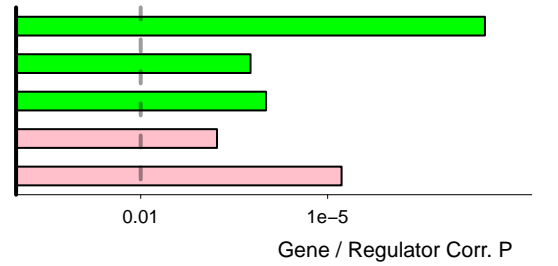
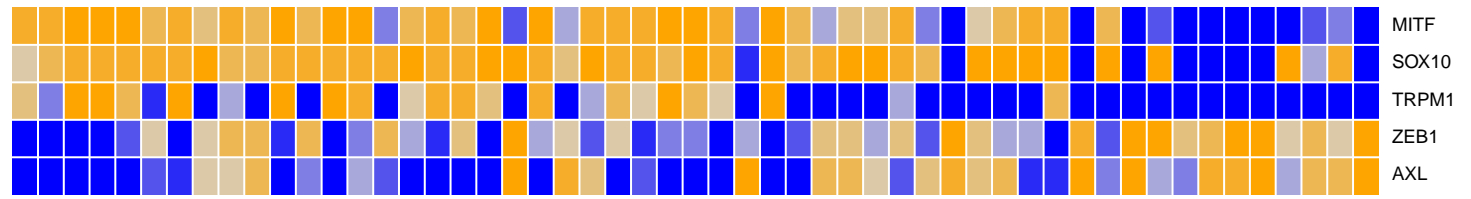
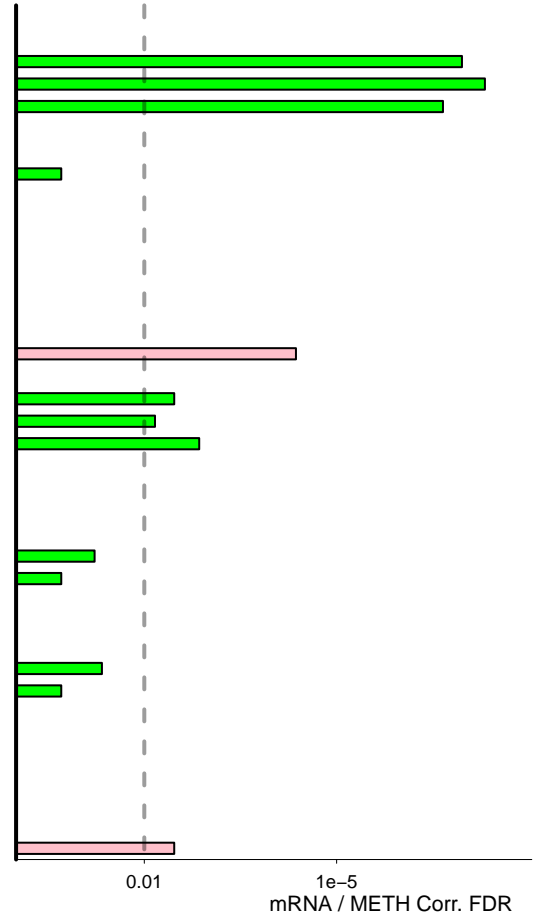
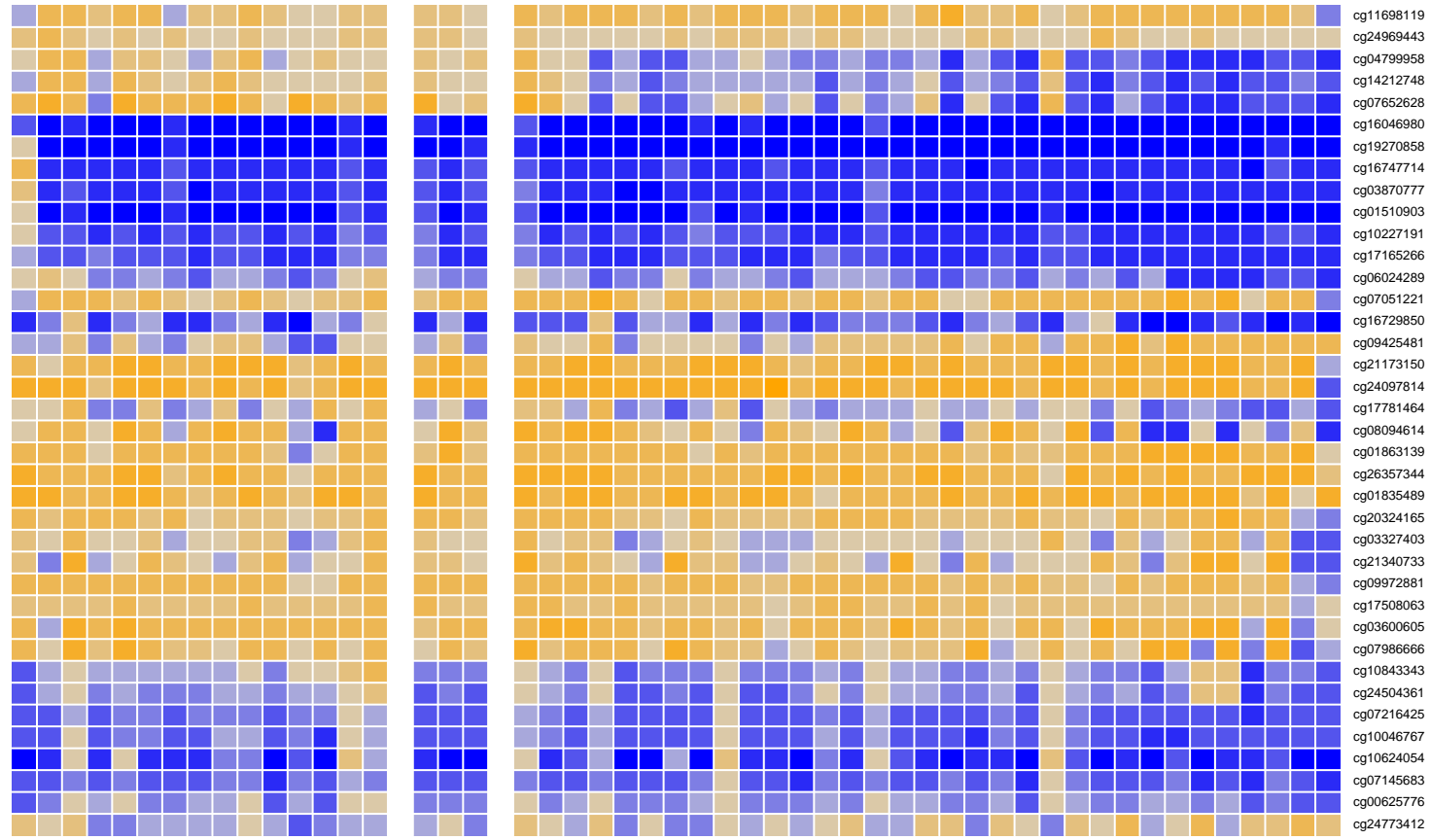


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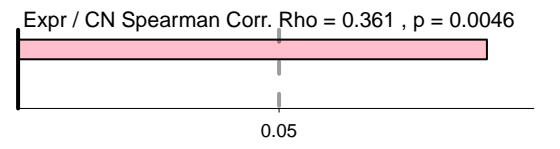
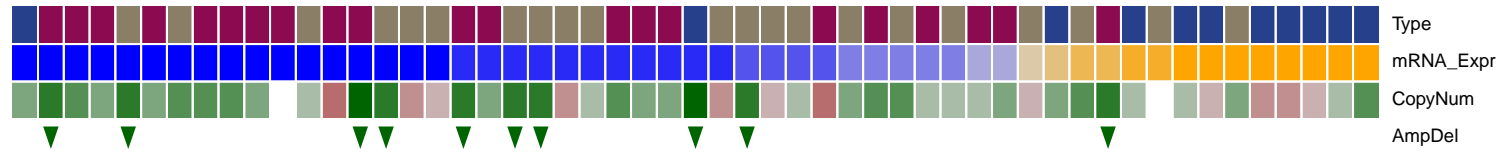
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CpGIsland



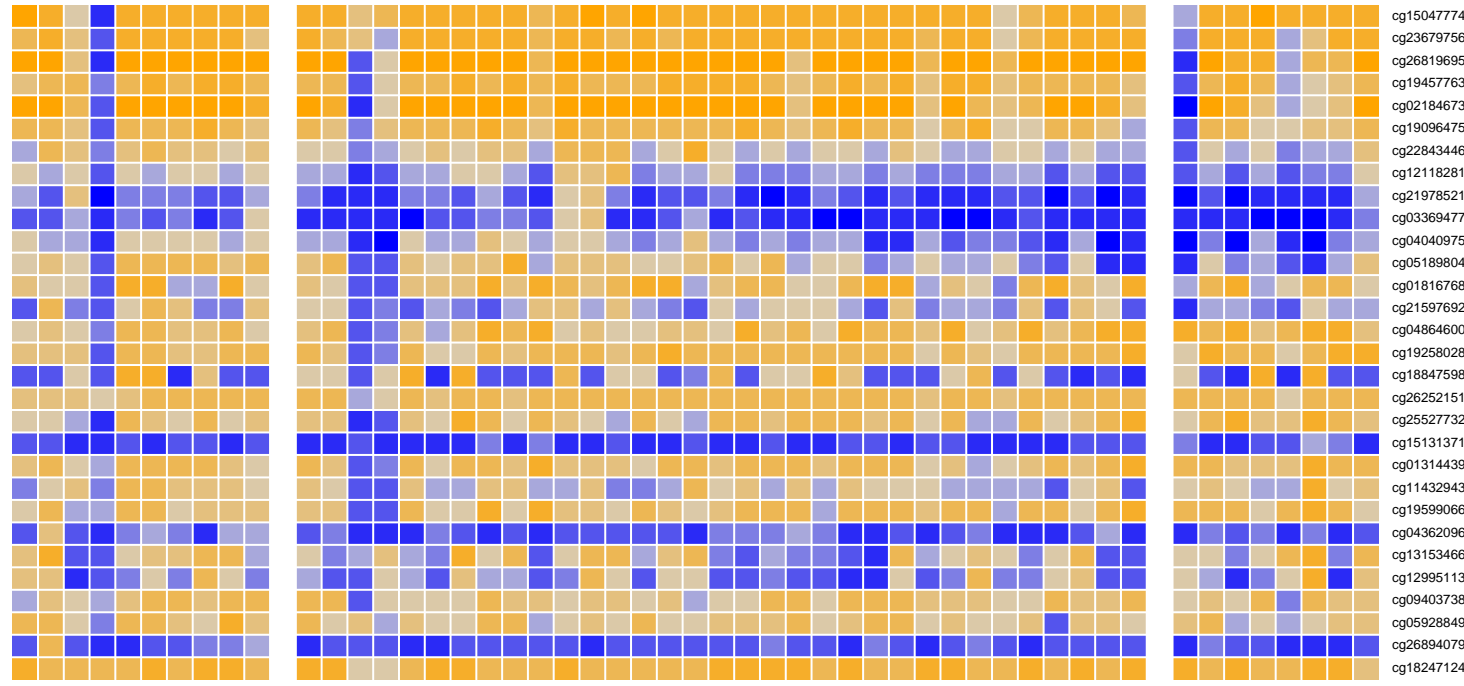
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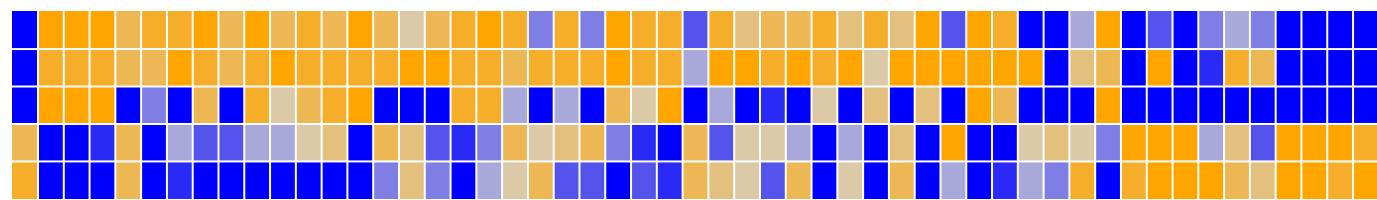
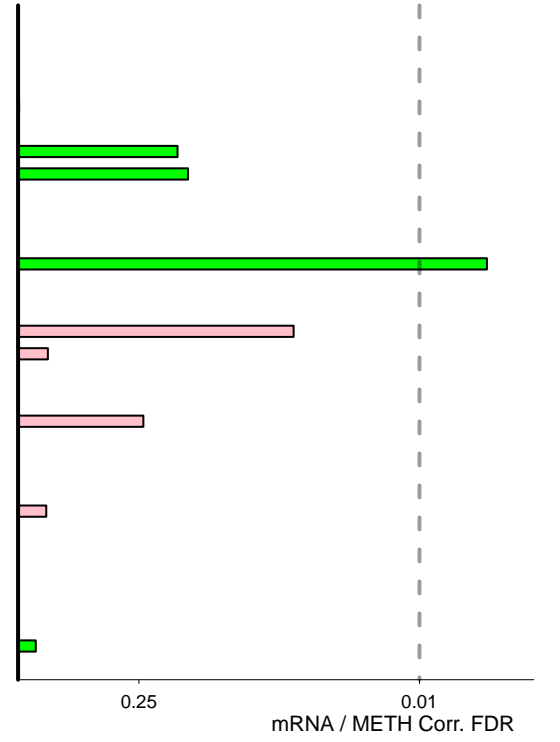


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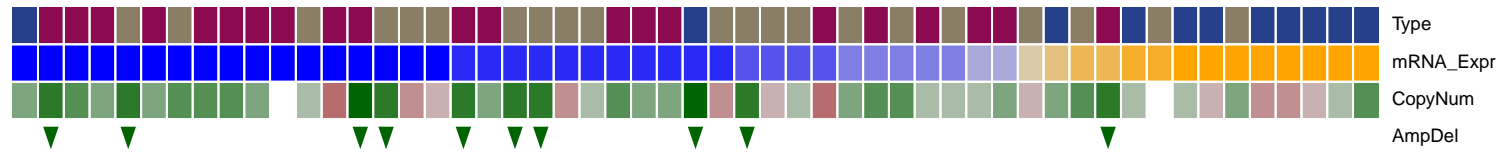
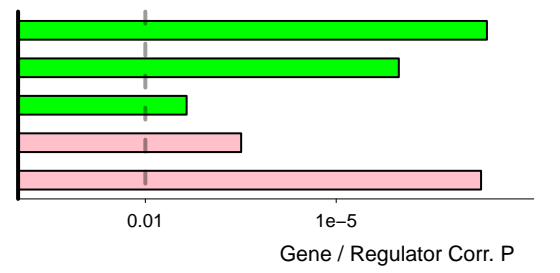
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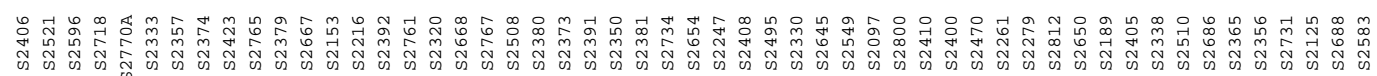
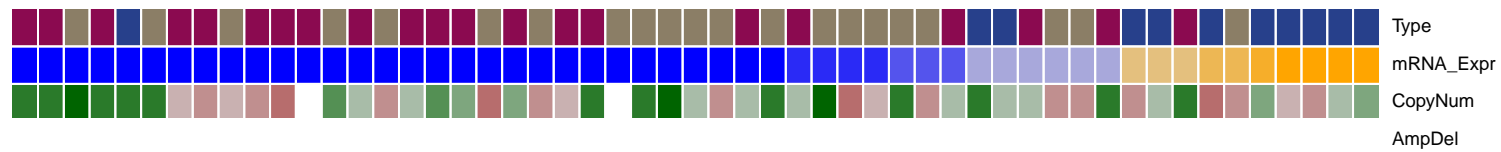
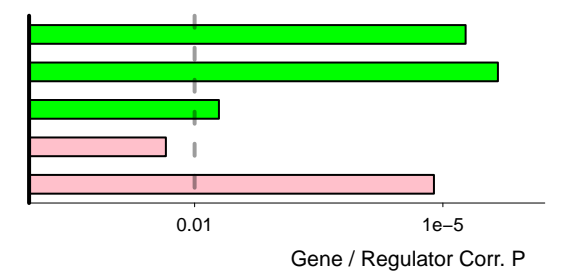
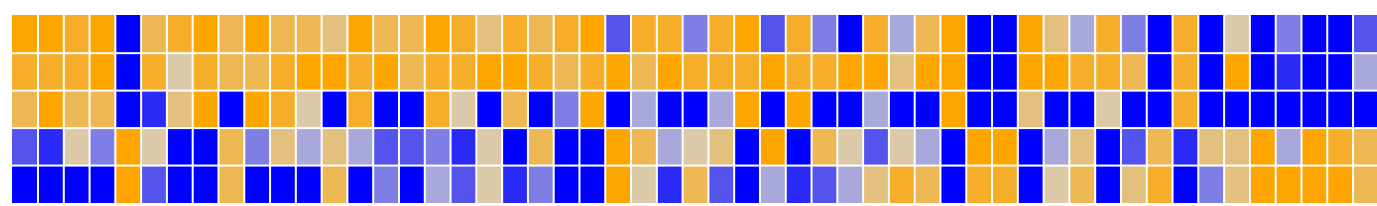
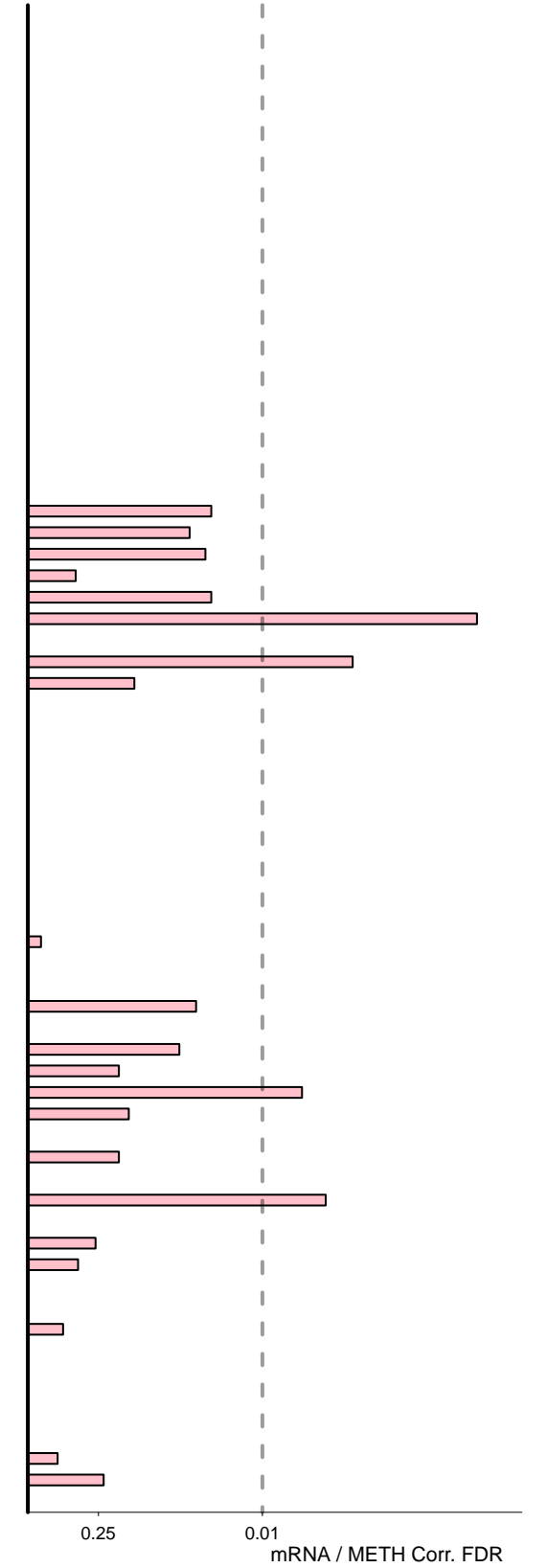
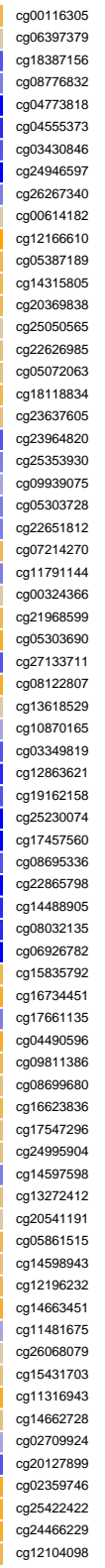
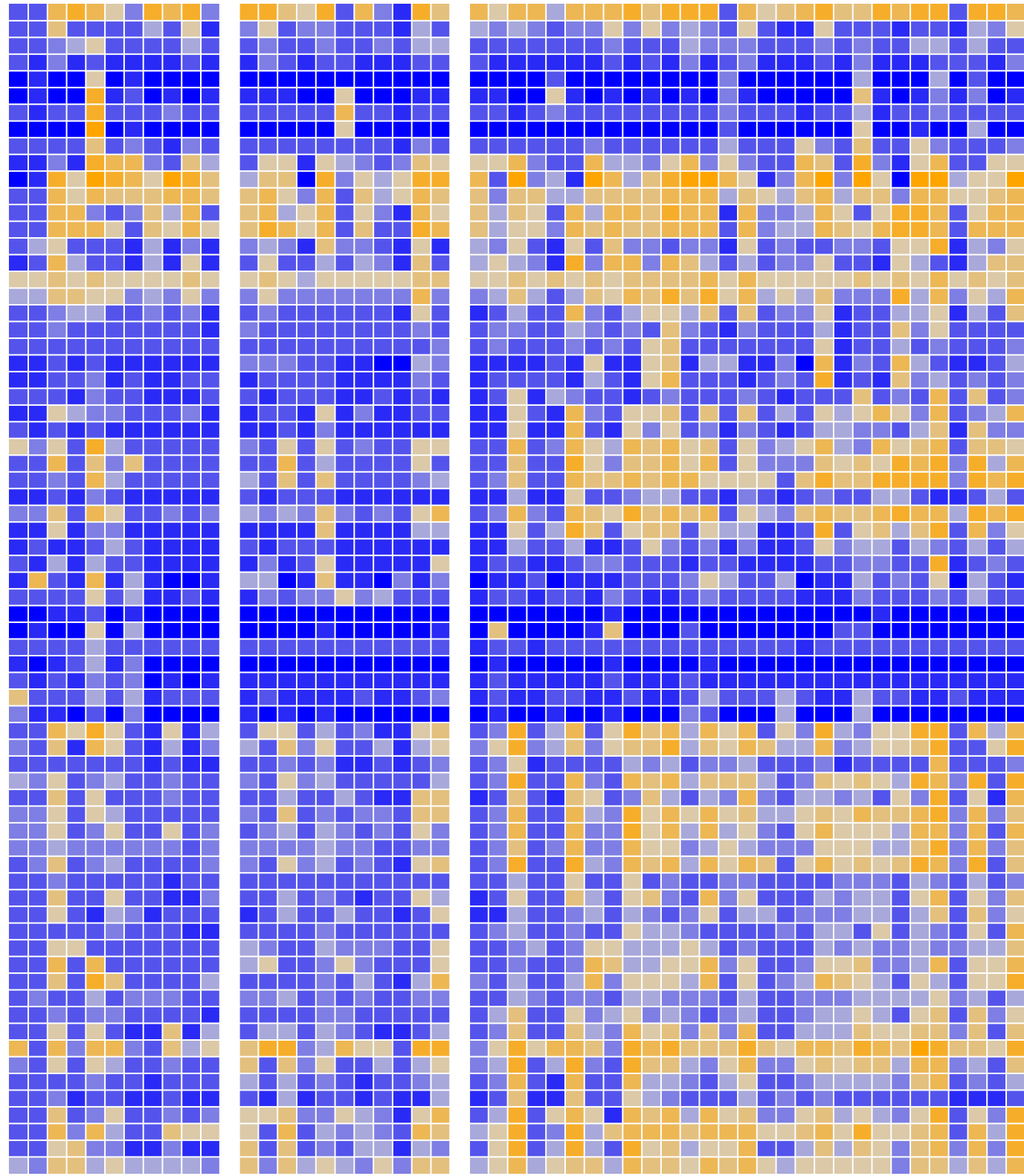
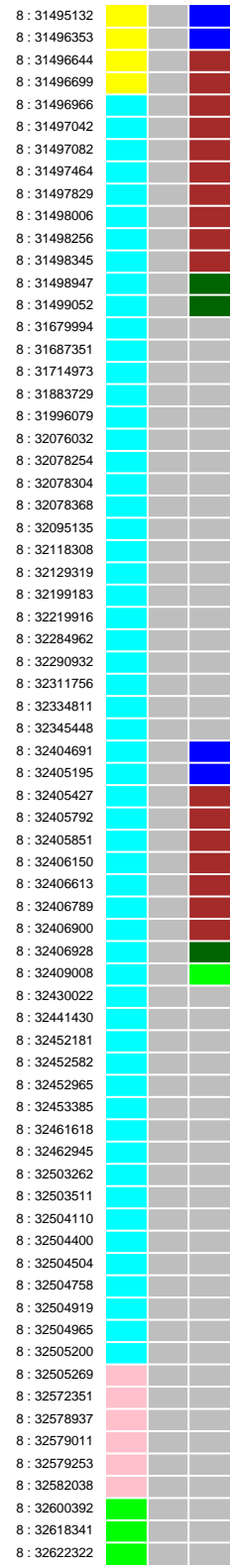
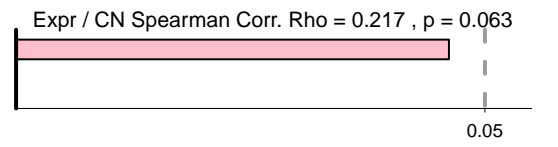
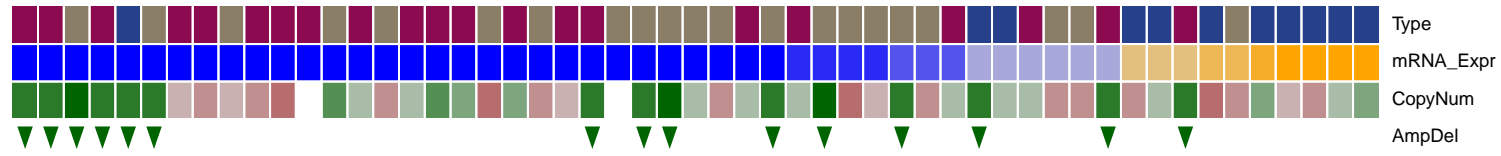


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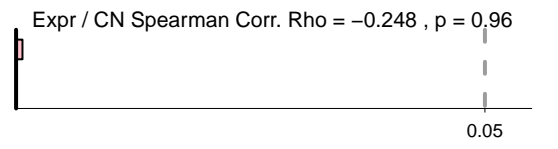
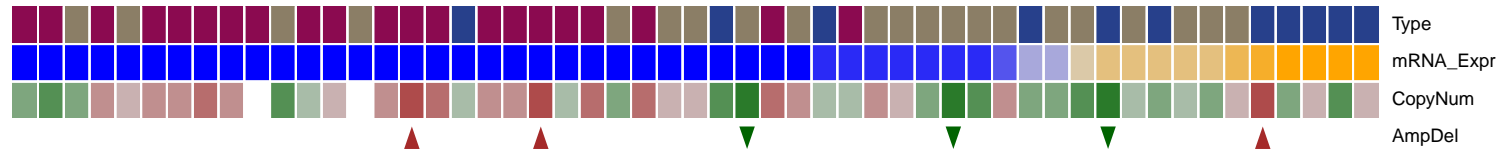


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# NRG1

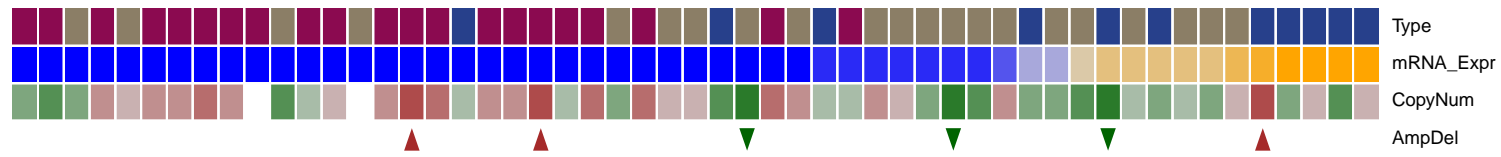
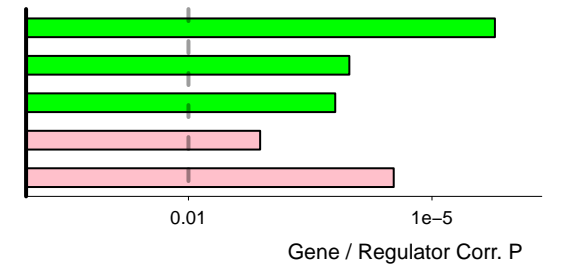
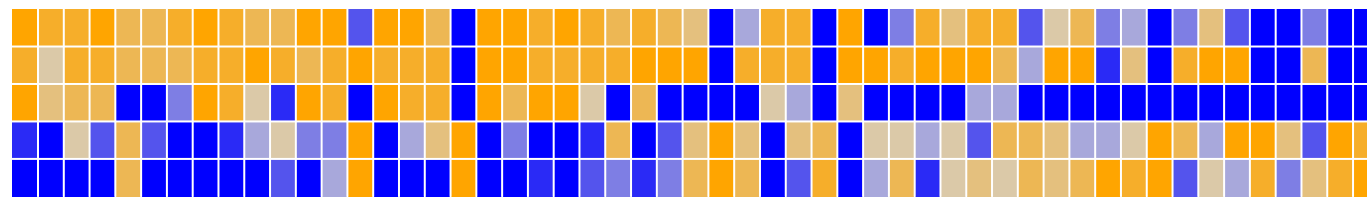
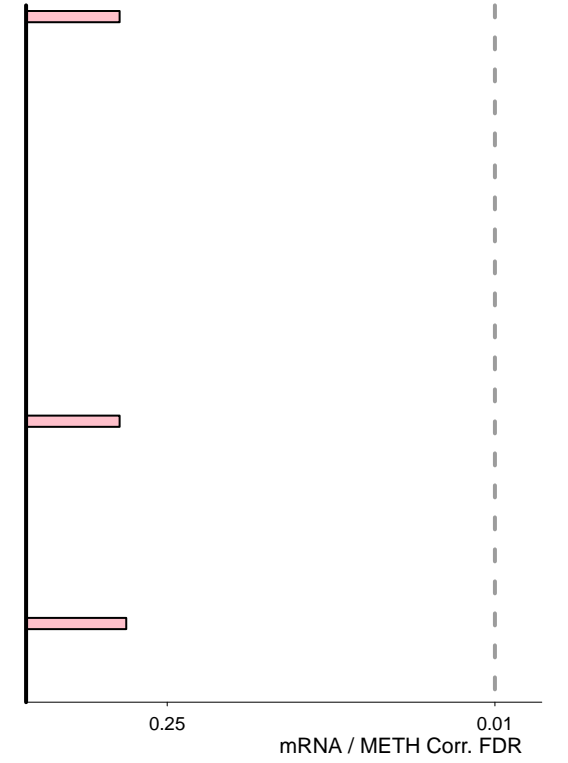
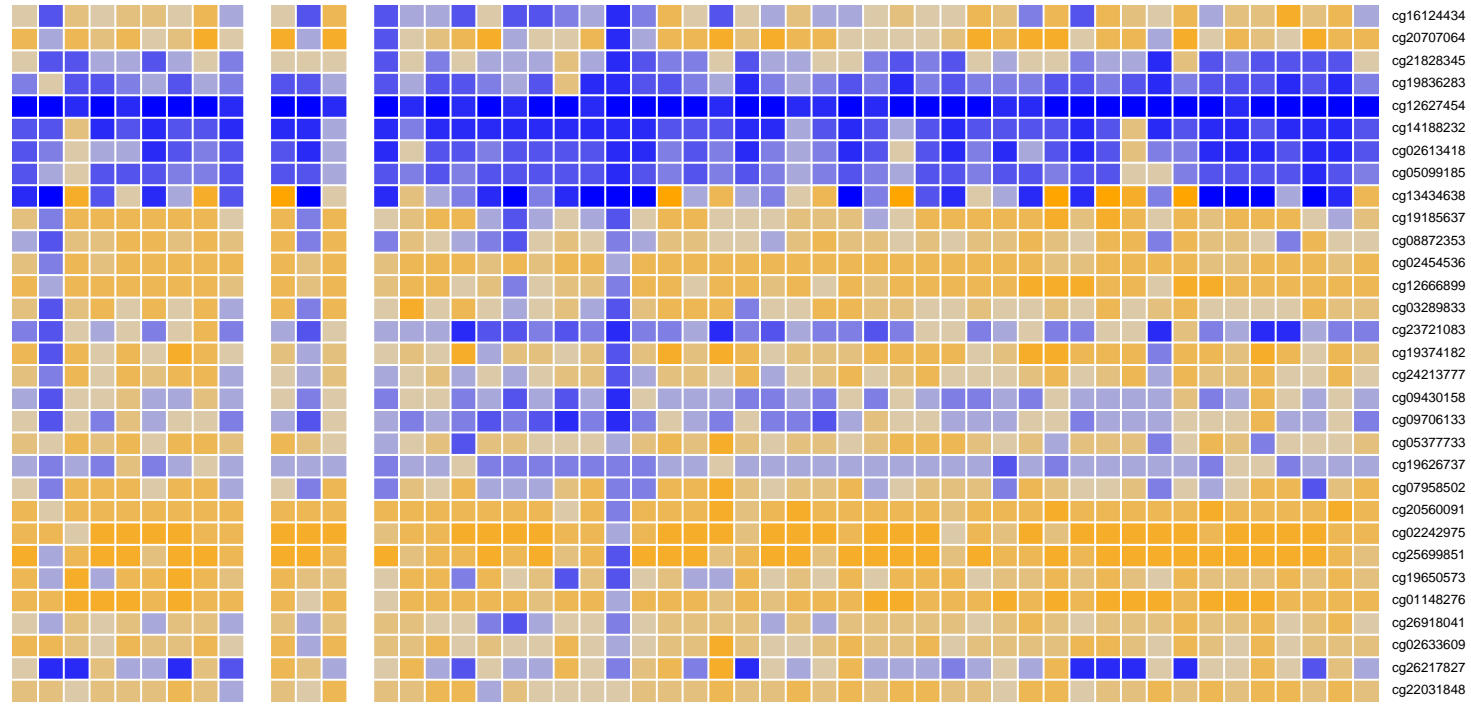


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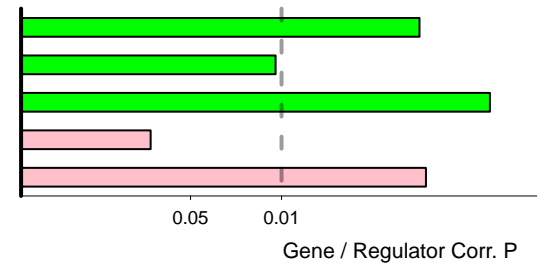
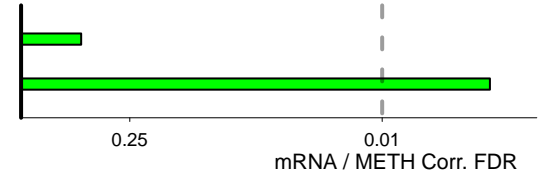
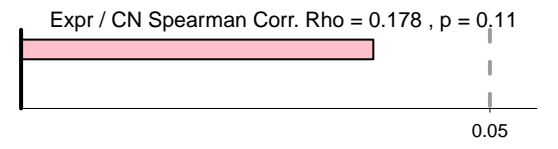
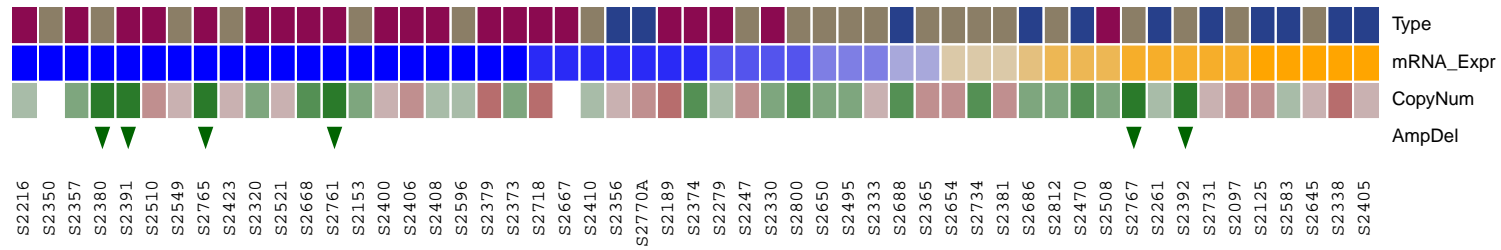
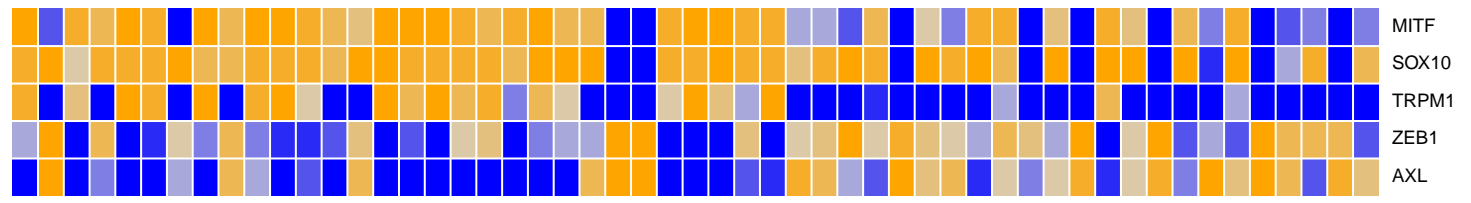
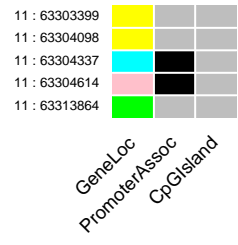
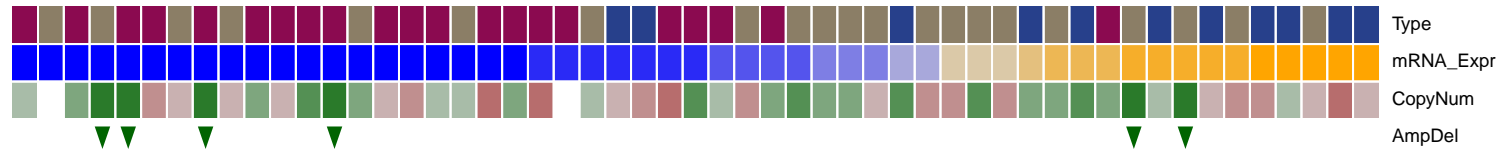
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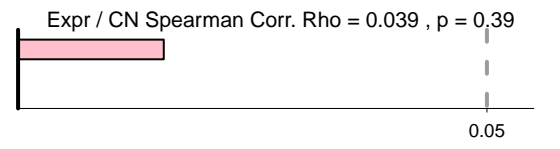
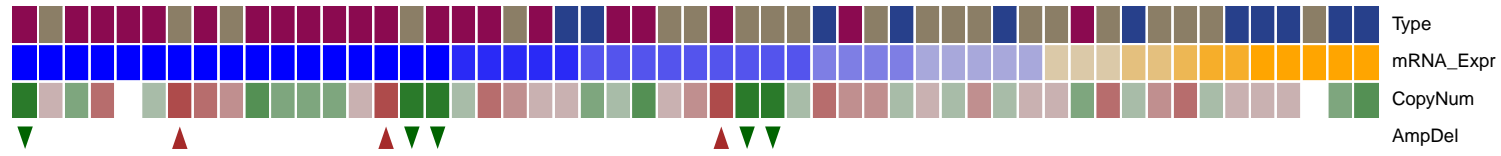


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# RARRES3

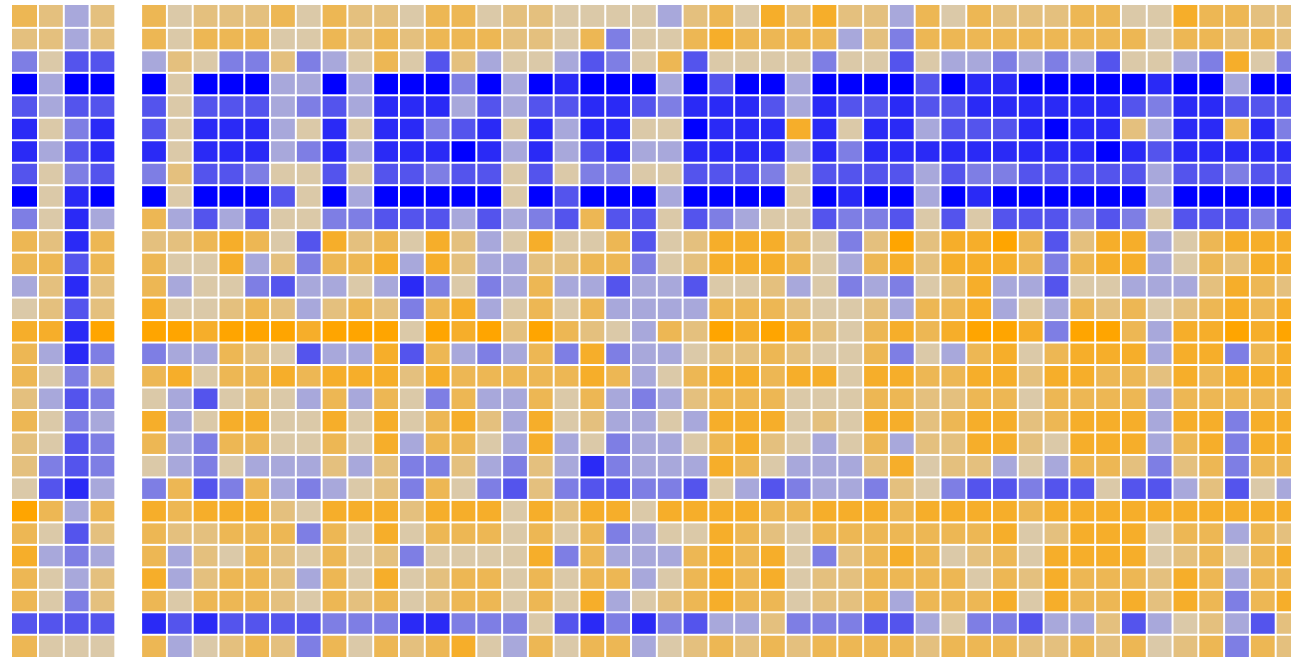


# FHL1

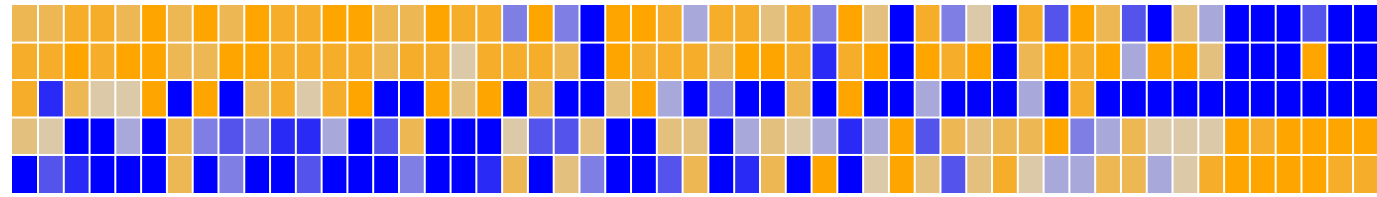
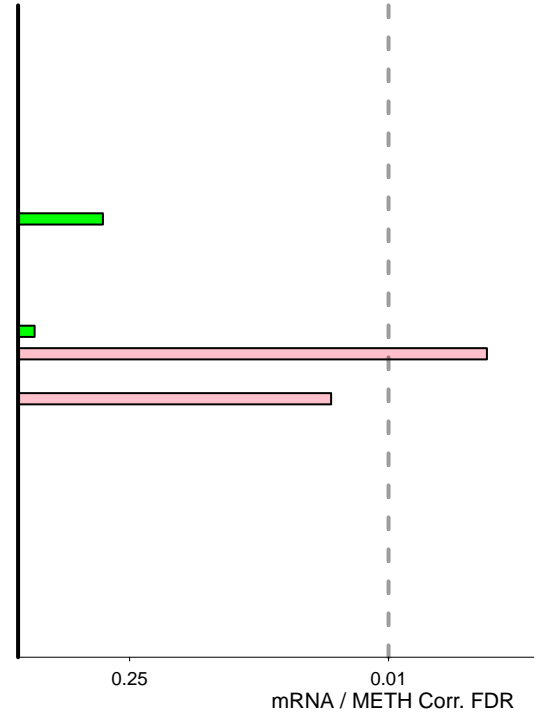


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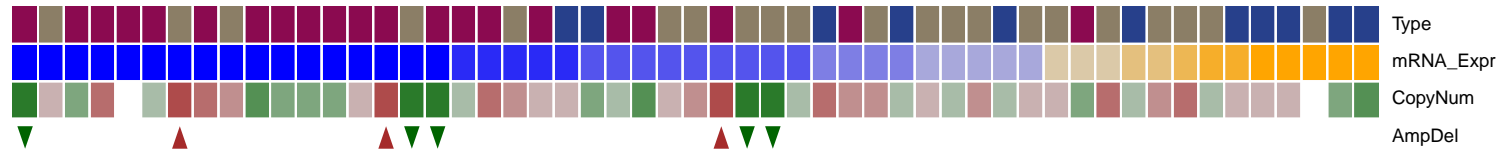
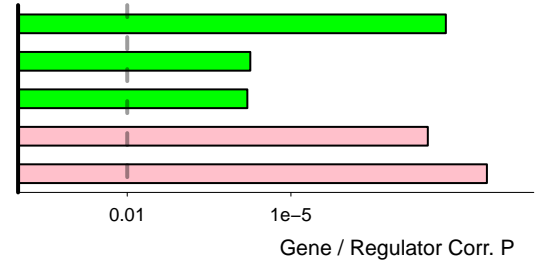
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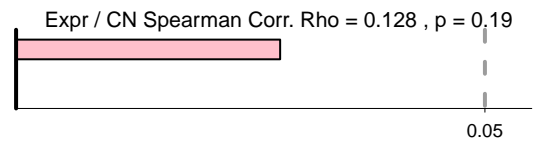
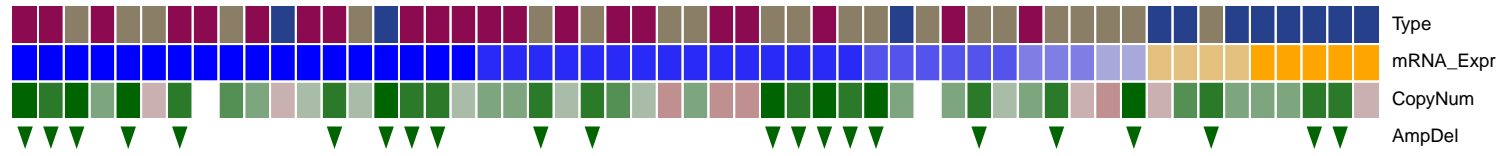


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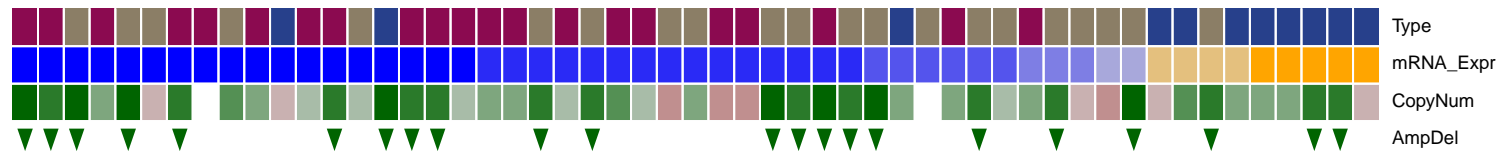
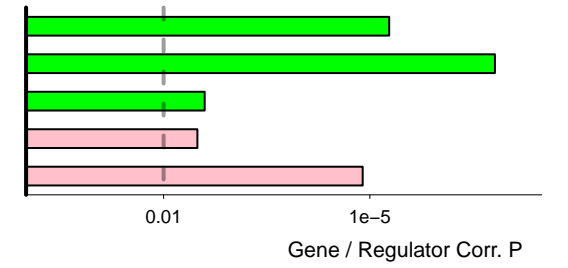
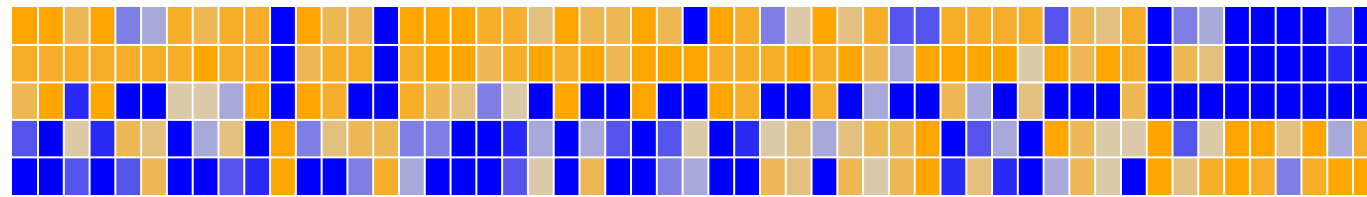
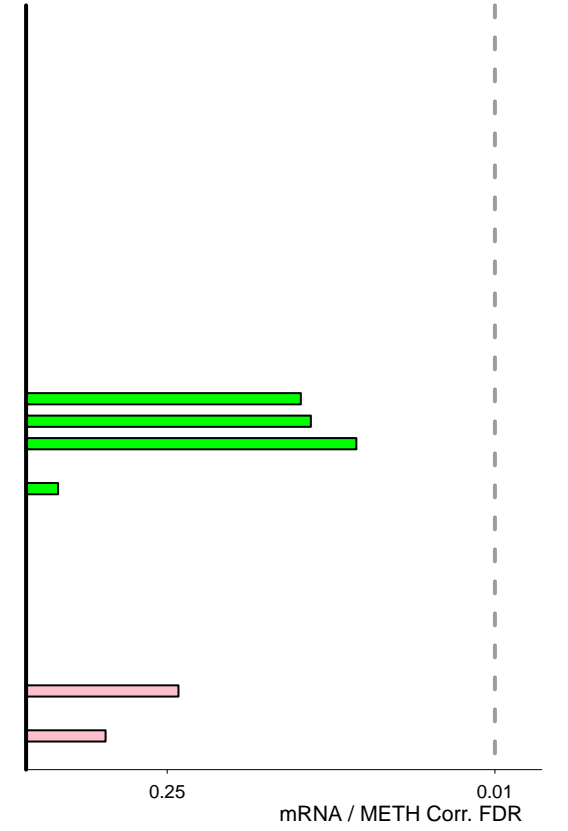
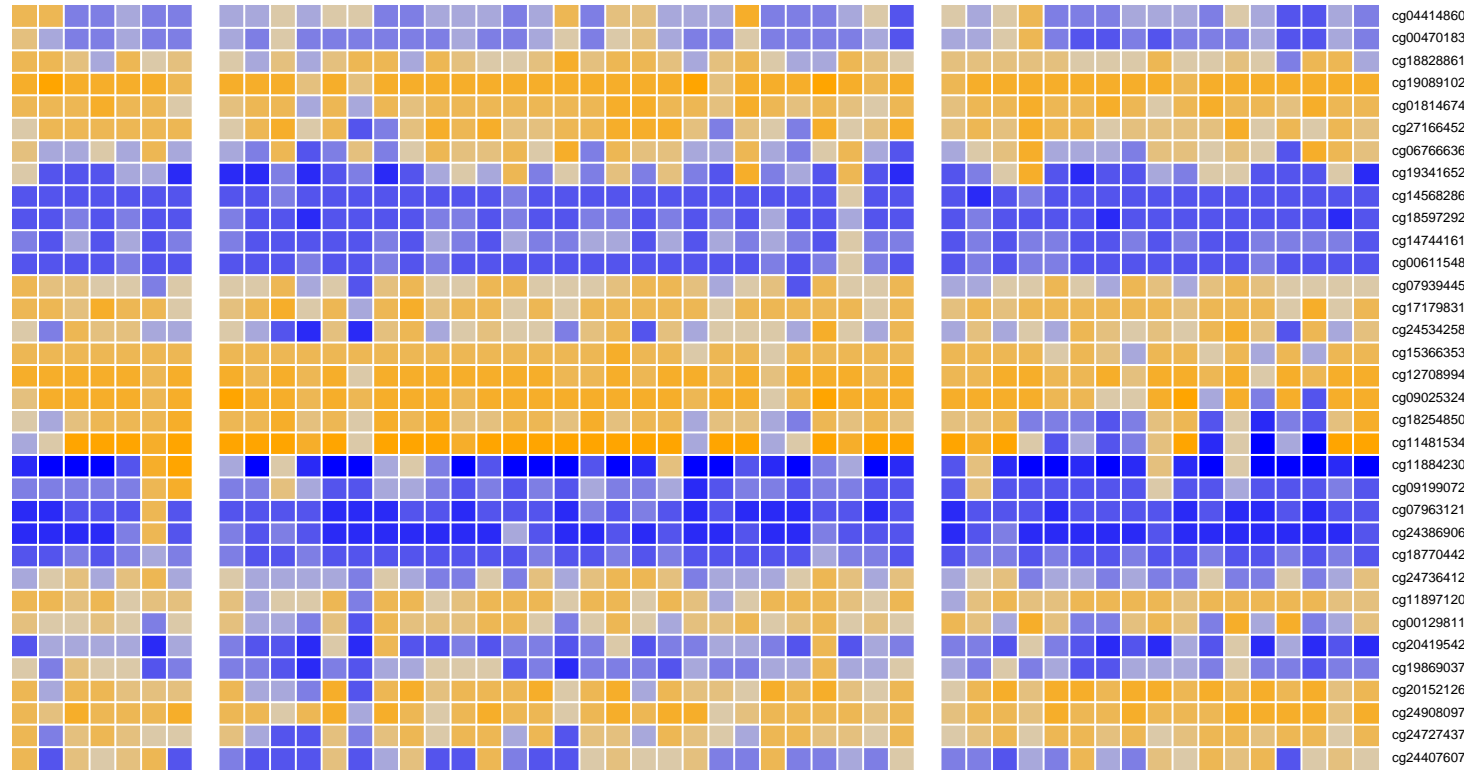


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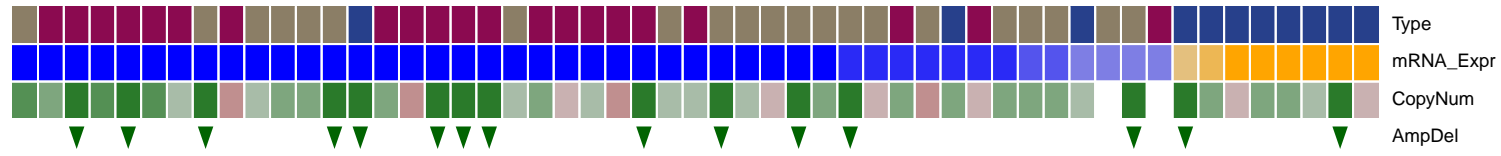
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GeneLoc  
PromoterAssoc  
CpIsland



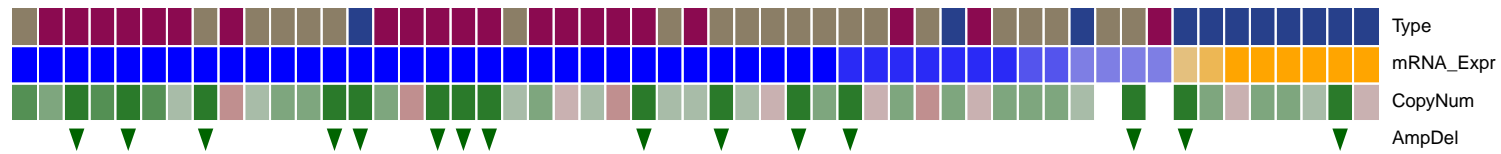
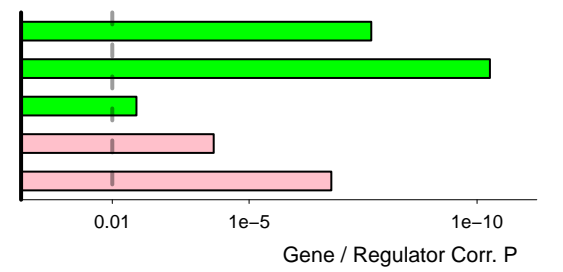
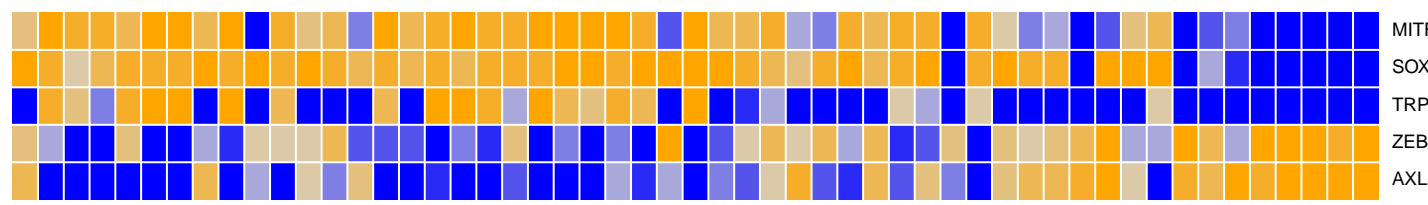
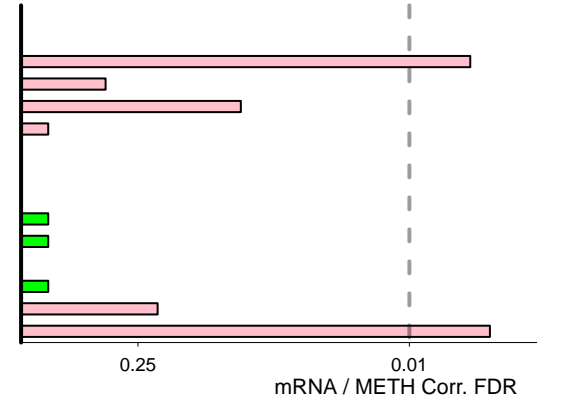
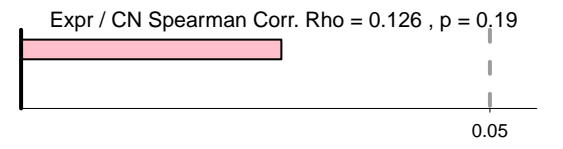
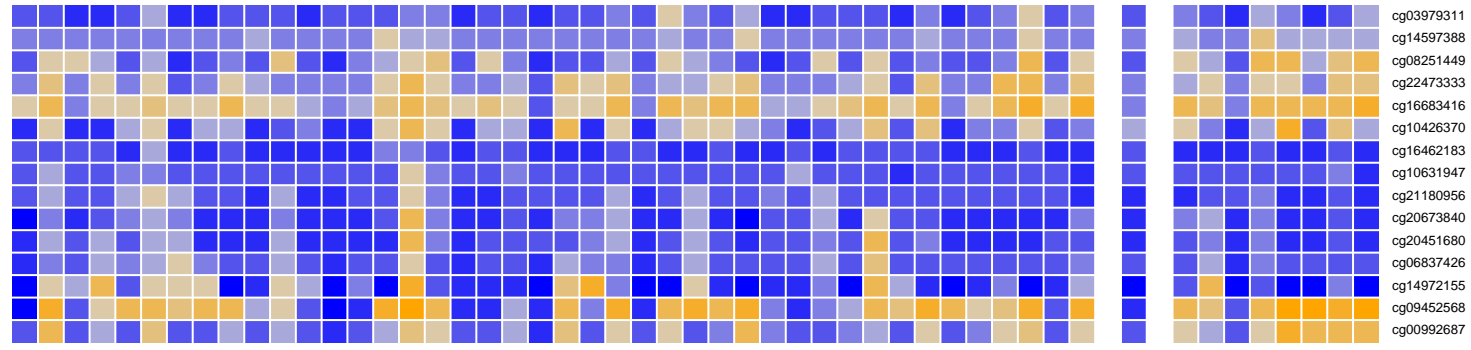
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# ESM1



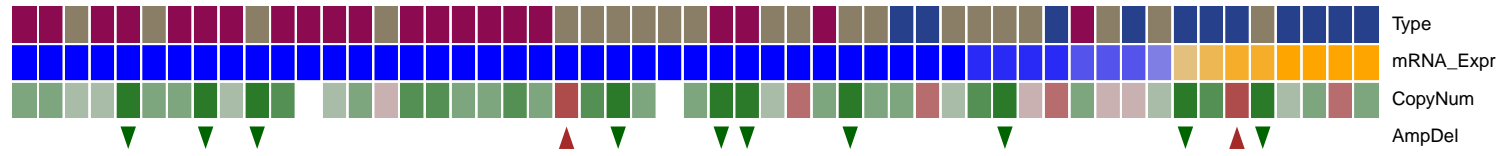
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GeneLoc  
 PromoterAssoc  
 CpGIsland



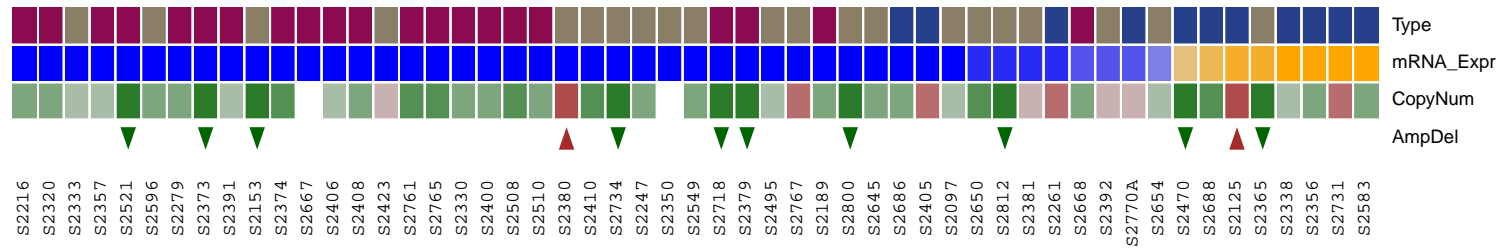
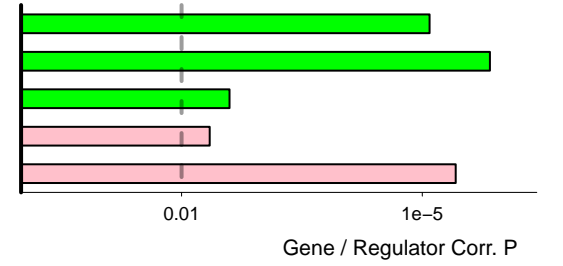
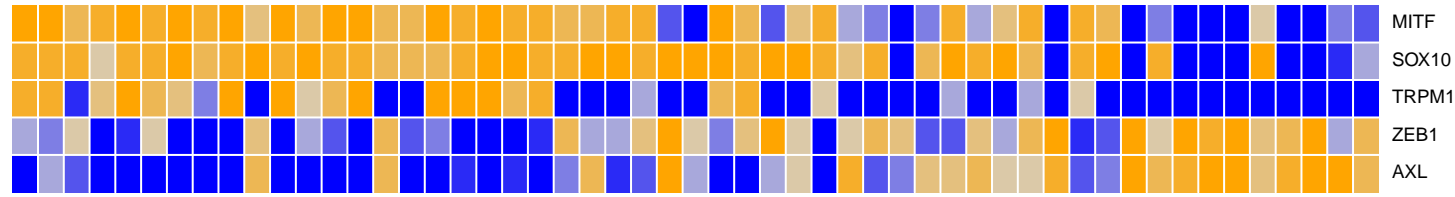
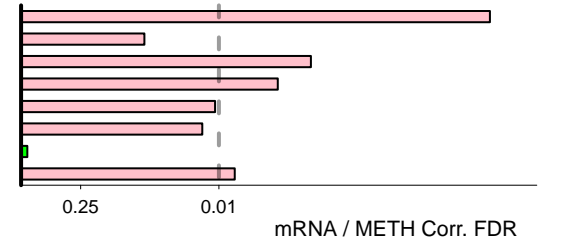
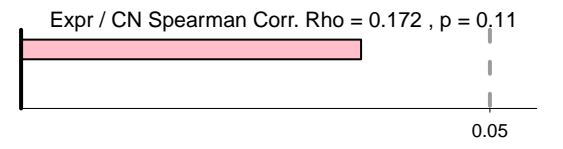
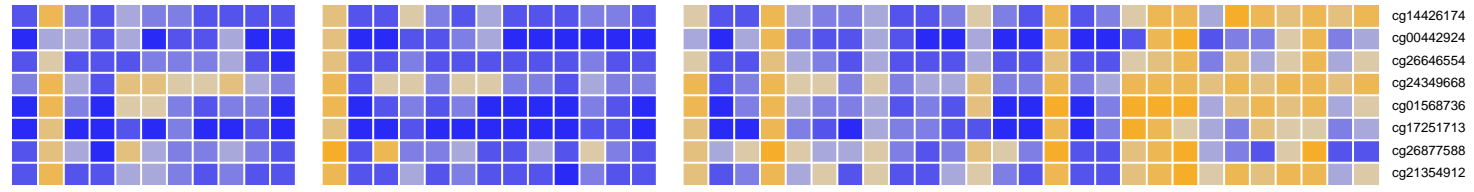
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# SERPINB7



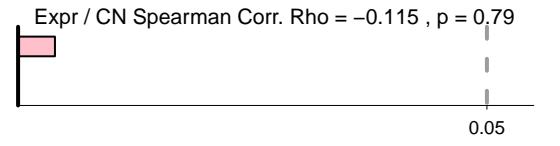
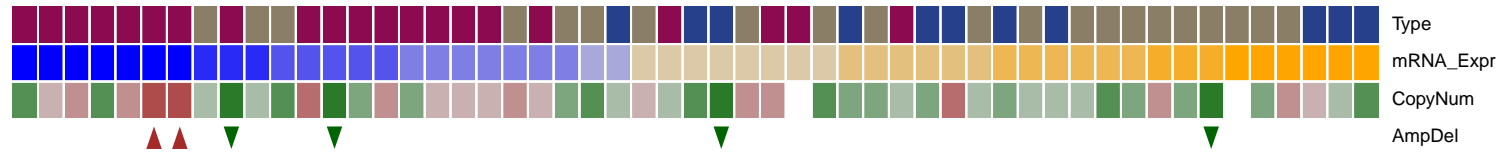
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GeneLoc  
 PromoterAssoc  
 CpGIsland

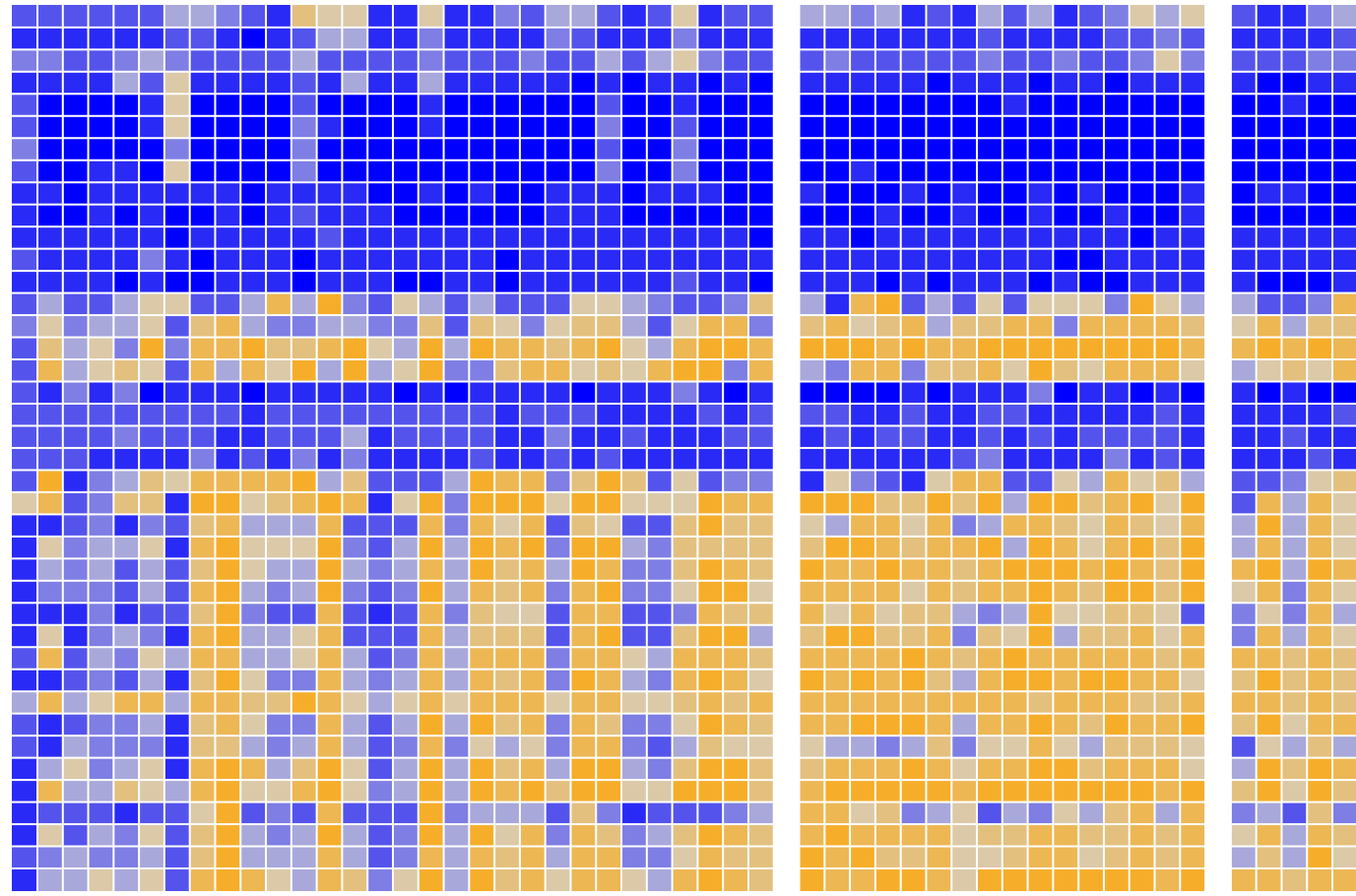


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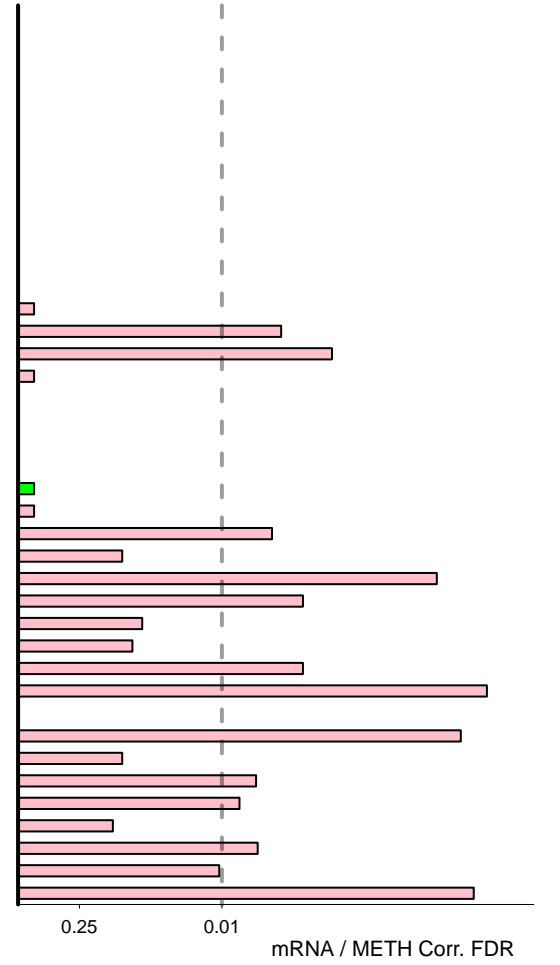
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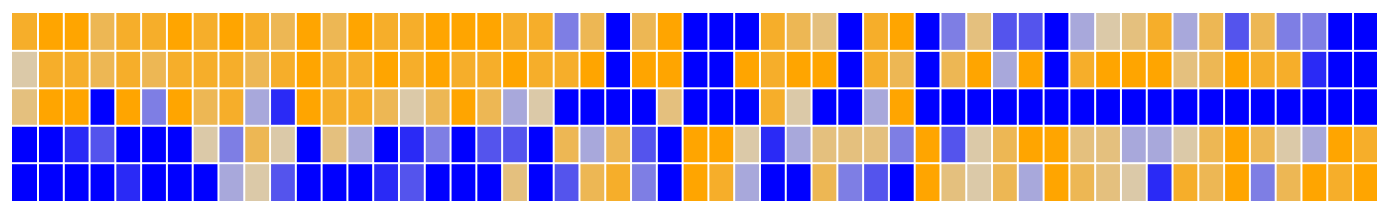
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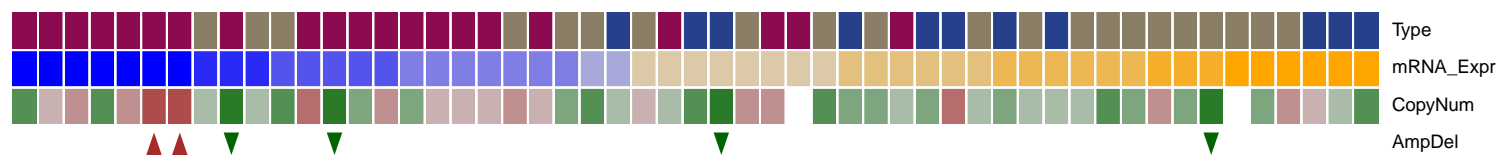
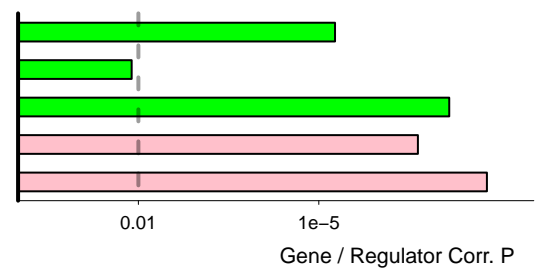
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GeneLoc  
PromoterAssoc  
CpGIsland

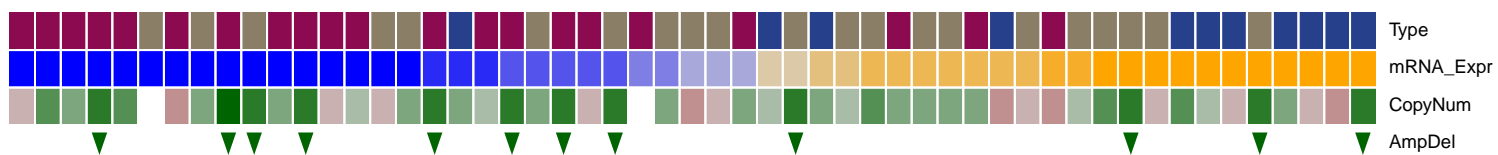


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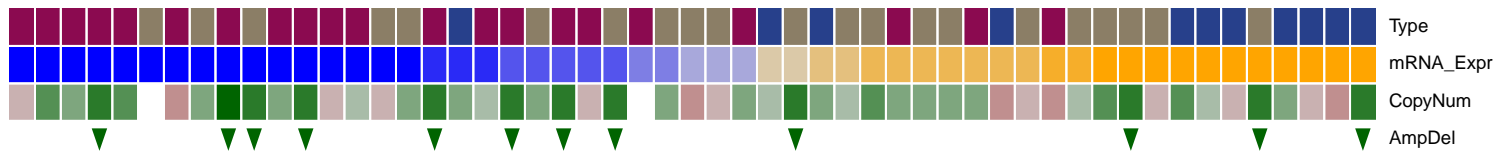
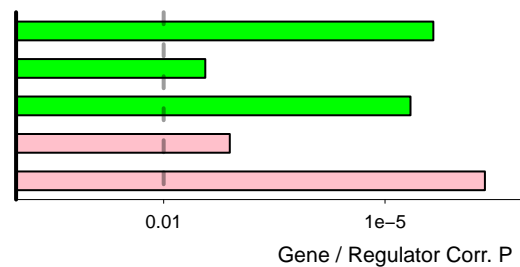
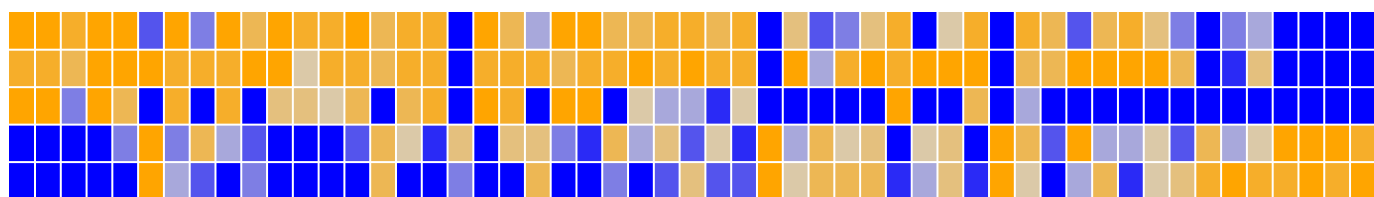
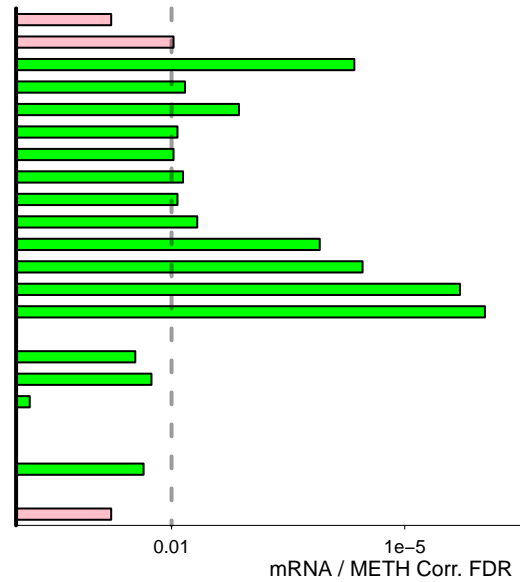
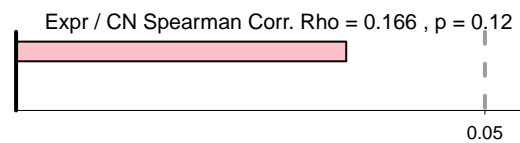
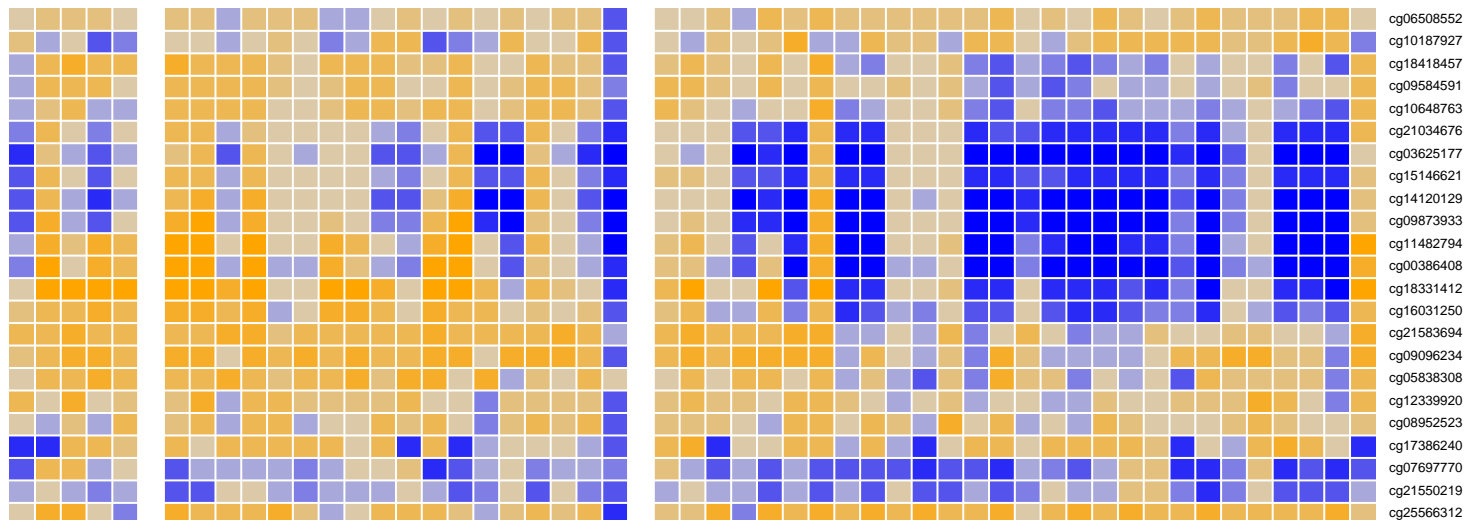
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# TGFBI



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GeneLoc  
PromoterAssoc  
CpGIsland



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Gene / Regulator Corr. P