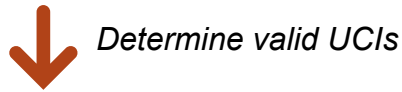
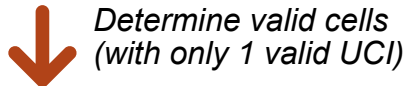


# catcheR filtercatch

Chose thresholds for  
UMIs per UCI and  
percentage of UMIs

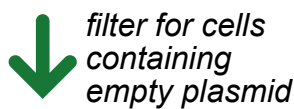


UMIs of top UCI / UMIs  
of second top UCI > 5

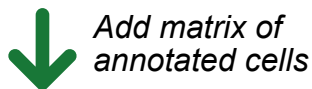


## catcheR nocatch

Cells with no  
valid UCI



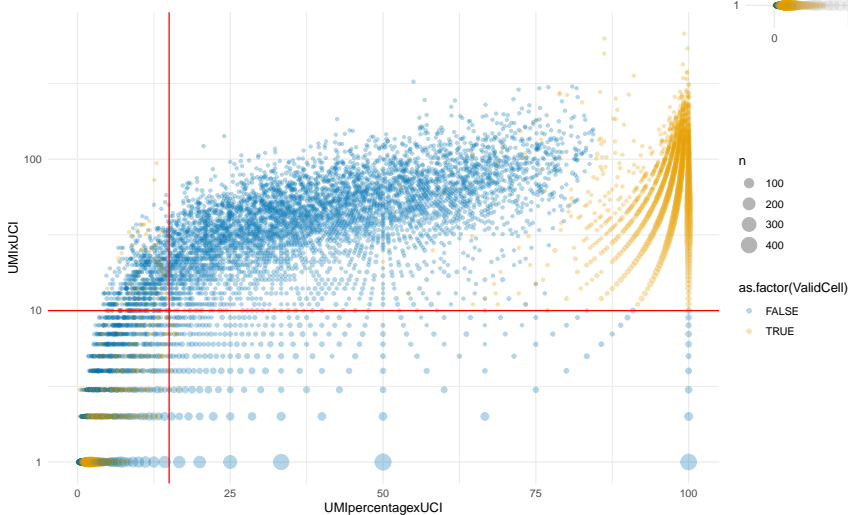
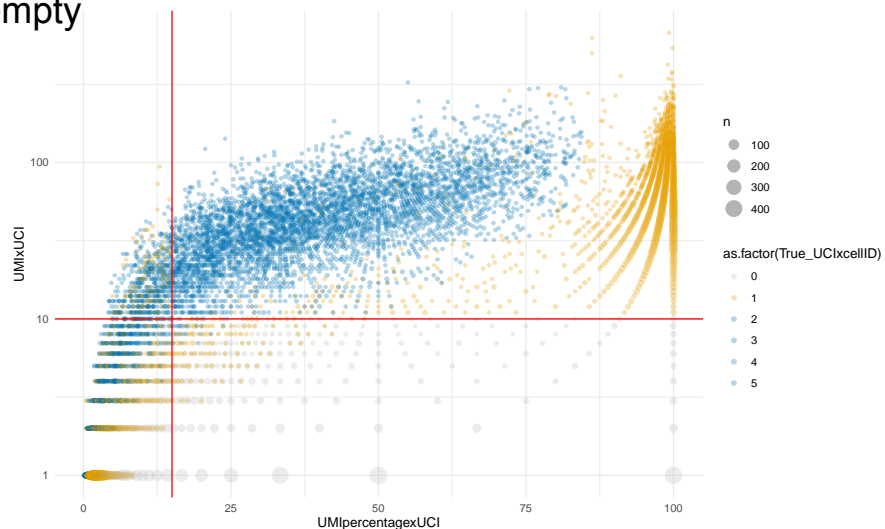
Gene expression  
matrix of empty cells



Complete annotated count  
matrix with also empty

Annotated  
count matrix

Two-dimensional plots showing the  
distribution of the percentage of UMIs  
supporting a UCI over the total UMIs  
of UCIs in the same cell and the  
distribution of the number of UMIs  
supporting a UCI.  
Selected thresholds of 10  
UMIs and 15% are shown.



Above, colors represent the number of robust  
integrations in the cell: grey for cells with no  
robust integration, yellow for cells with one robust  
integration and blue for cells with multiple  
integrations.  
On the left, colors represent if the cell integration  
is part of a valid cell or of a cell that will be  
filtered out.