## Exclude multiple identical lines, leaving the one on top##

1. if column D, E , H, I = column D, E , H, I of the next row = DELETE ##this repeated row##

## Exclude high copy count MIPs##

1. a XOR b:
2. if column G >= 100 OR column K >= 100, DELETE
3. if column G >= 5 AND column K >= 5, DELETE

## Exclude too far intronic##

##Exon definition: range columns O to P (feature\_start\_position to feature\_stop\_position)##

##ALL probes covering one exon have the same columns O and P##

##From all probes covering one exon (range from O to P) delete the ones begin further than the beginning of the exon or end further than its end (L: mip\_target\_start\_position and M: mip\_target\_stop\_position##

1. for all columns O, P = column O, P
   1. if column O - 20 > column M, DELETE
   2. if column P + 20 < column L, DELETE