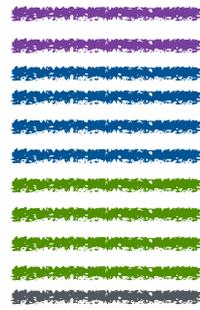


# Step 1



miRNA and isomiR counts matrix

import to DESeq2 object

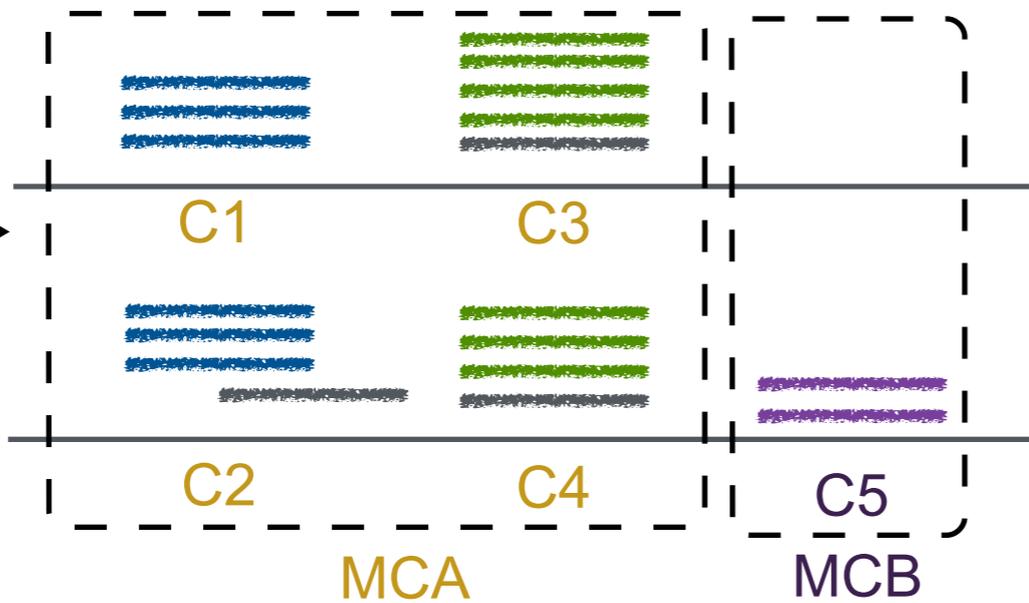
DESeq2 normalization

PLS-DA

Differential expression

# Step 5

Clustering and Differential Expression

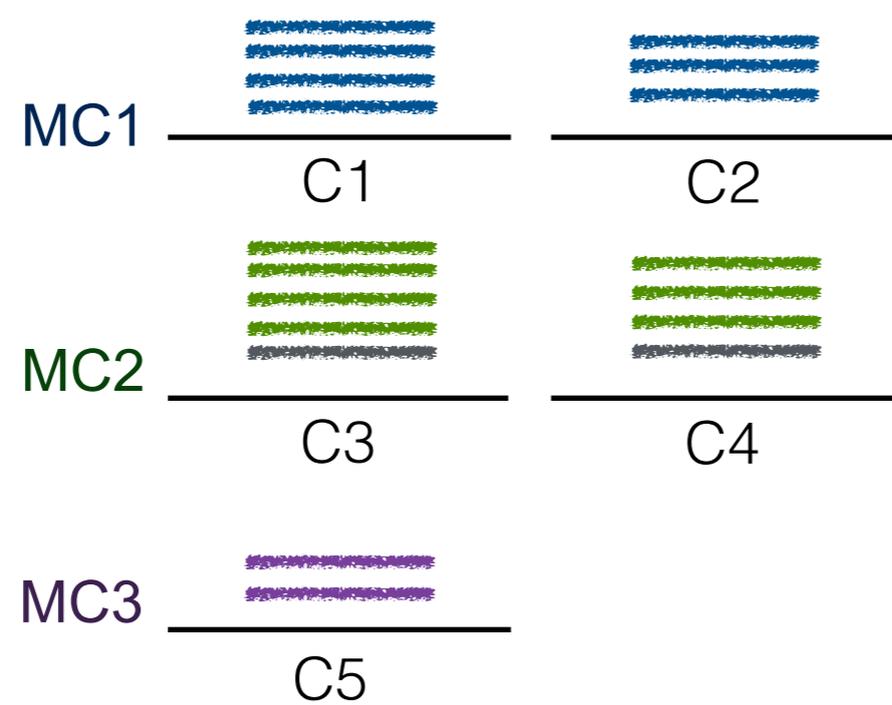


detecting clusters on the genome

# Step 2

# Step 4

Output: generation of sRNA clusters with counts matrix and annotation



MC1

C1

C2

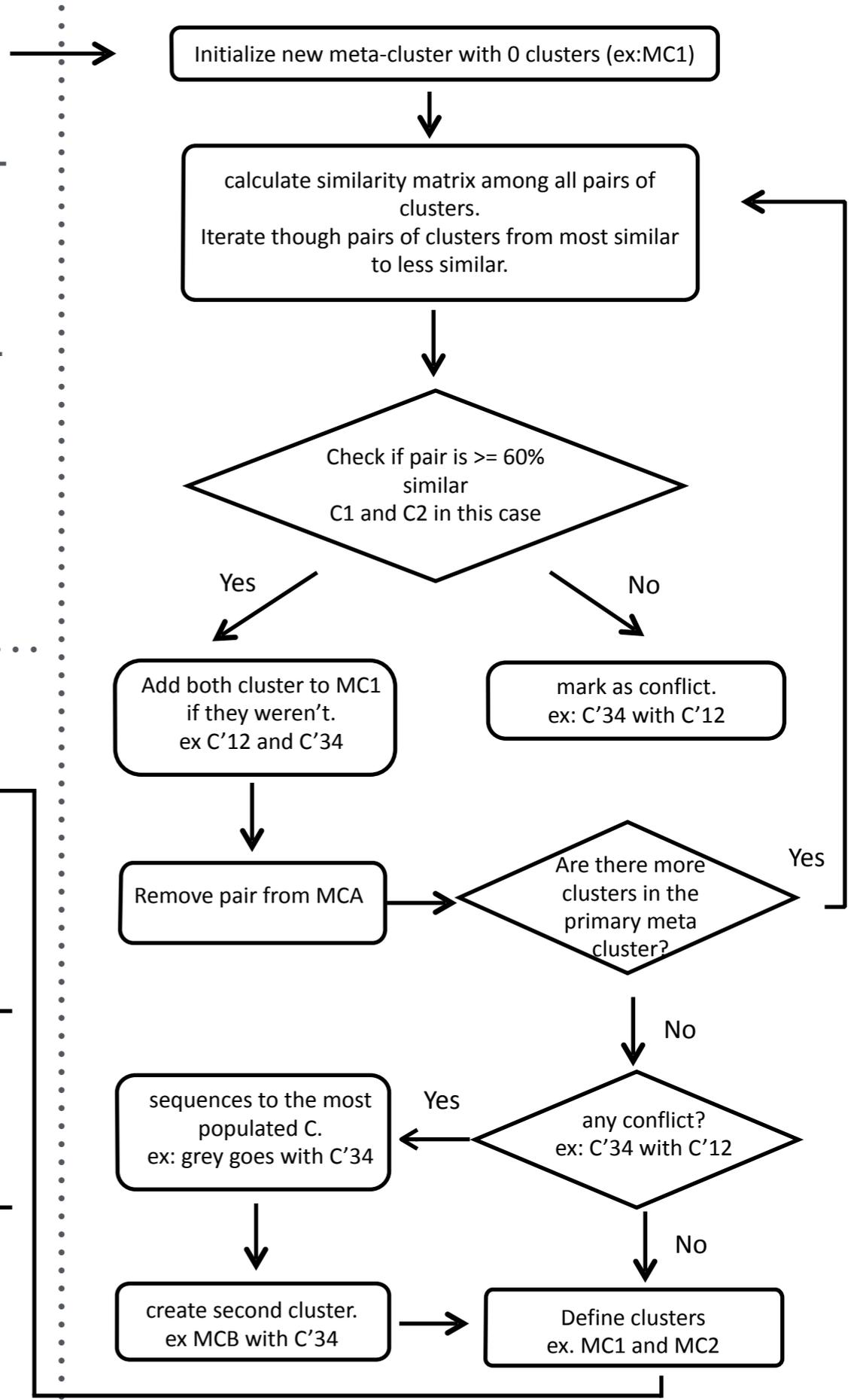
MC2

C3

C4

MC3

C5



# Step 3

Reduction + Correction