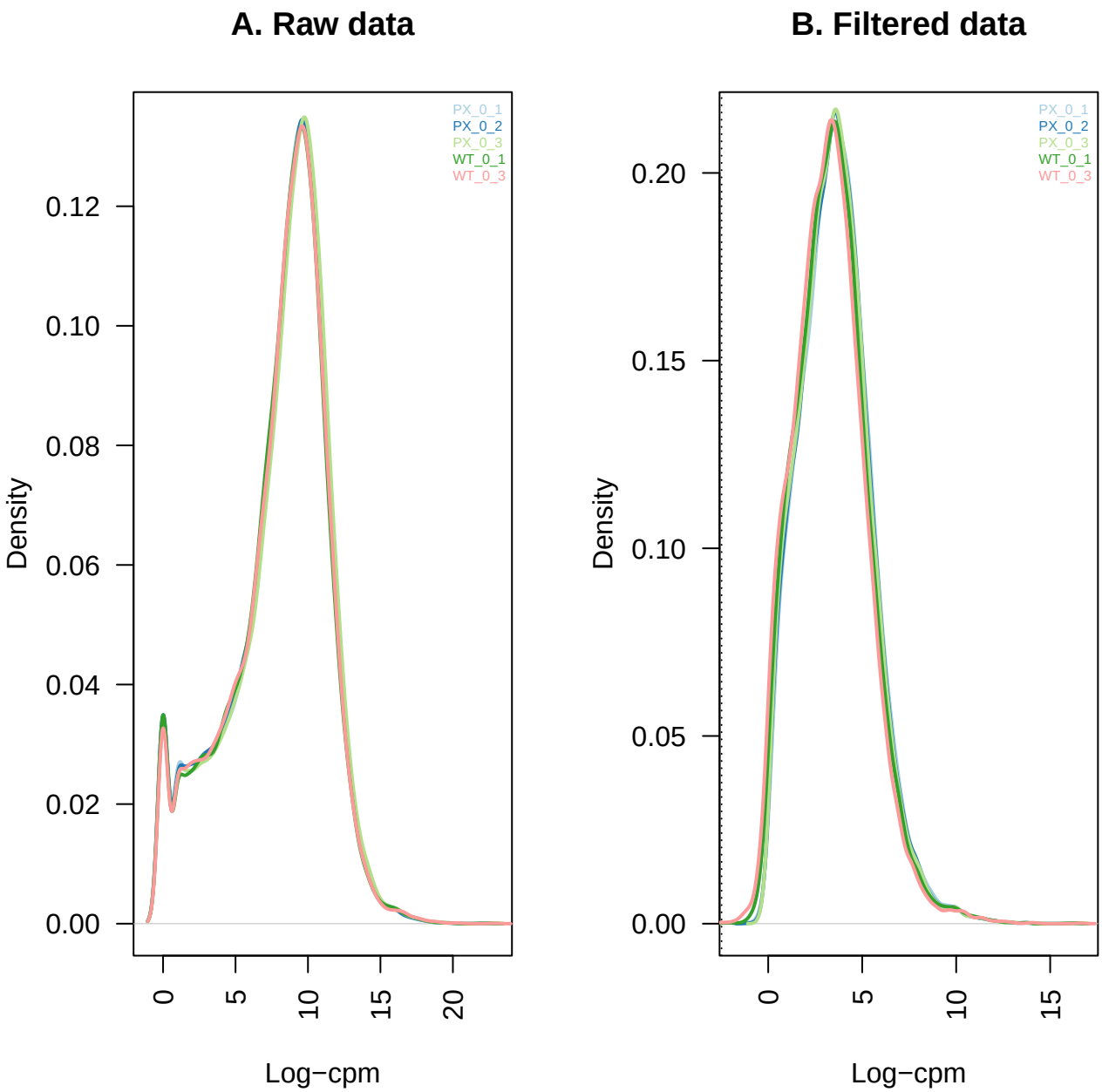
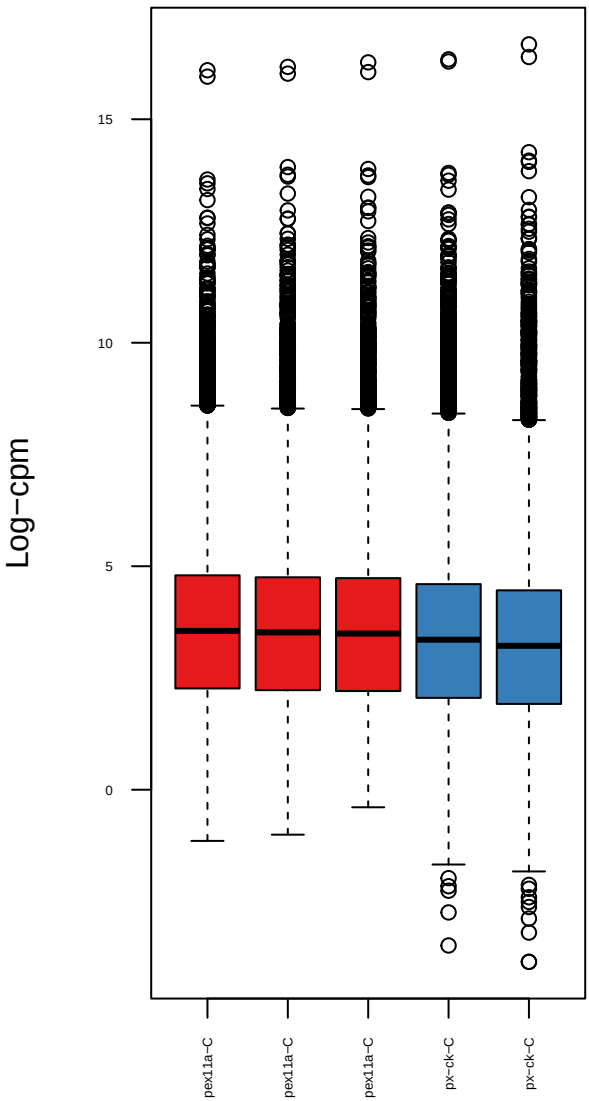
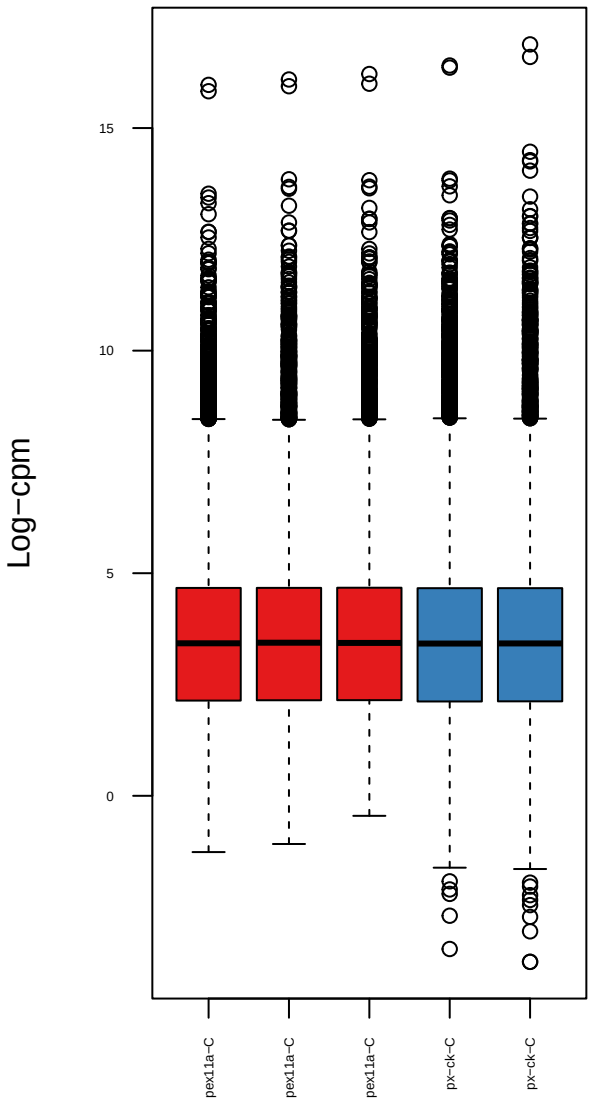
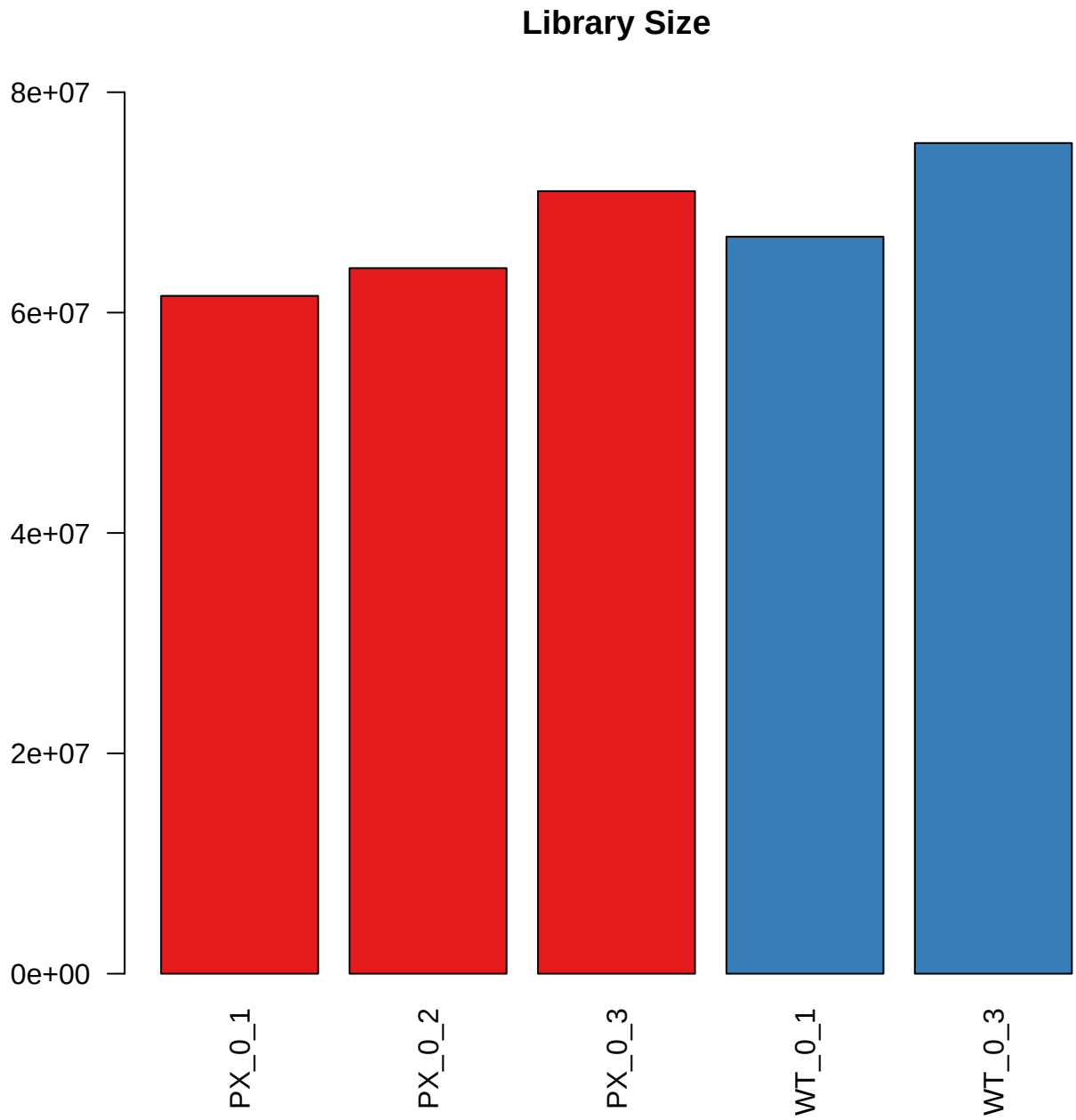

A. Raw data
B. Filtered data
PX_0_1
PX_0_2
PX_0_3
WT_0_1
WT_0_3
Density
Log−cpm
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.05
0.15
0.20
0
5
10
15
20

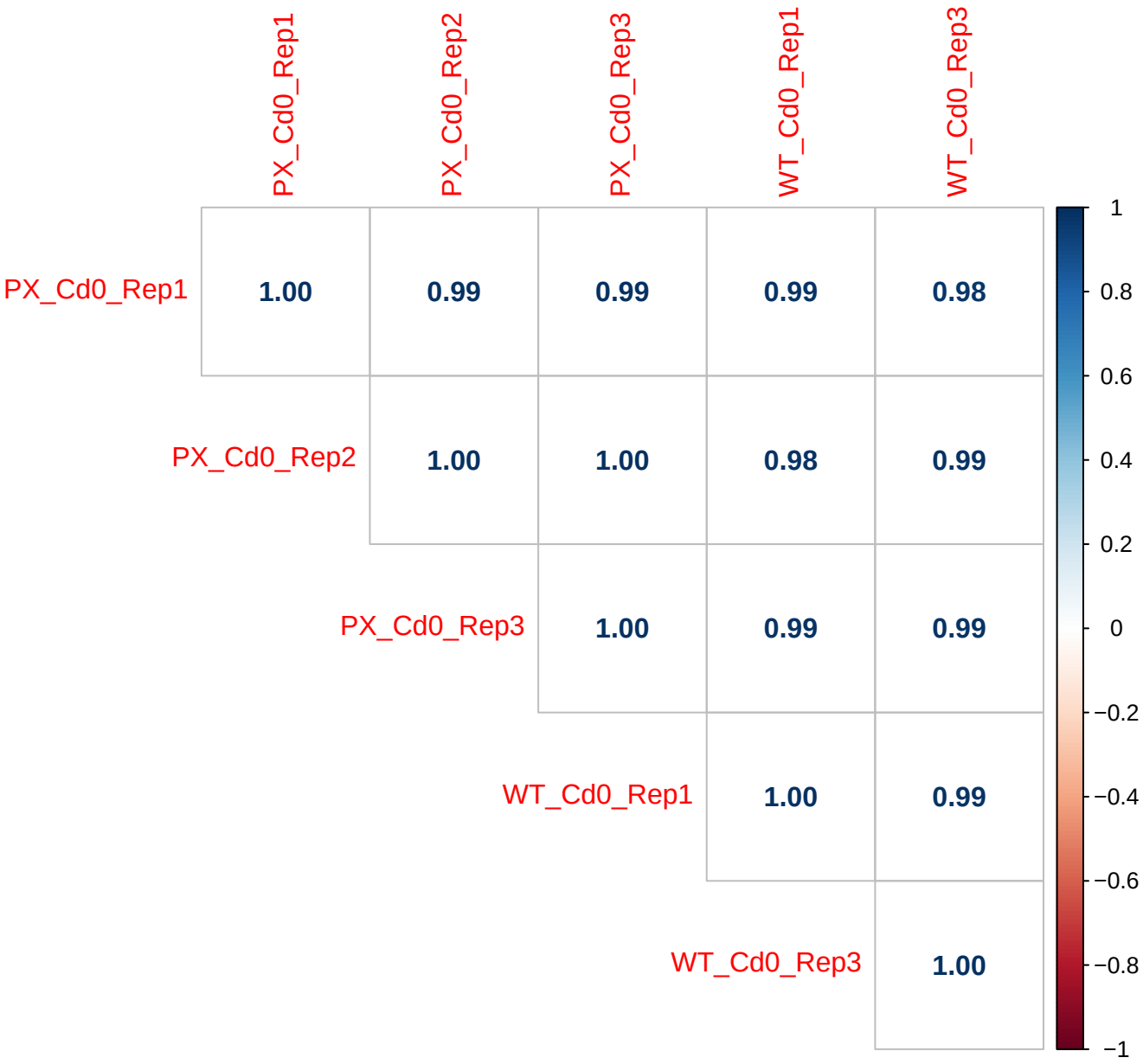
Unnormalised data

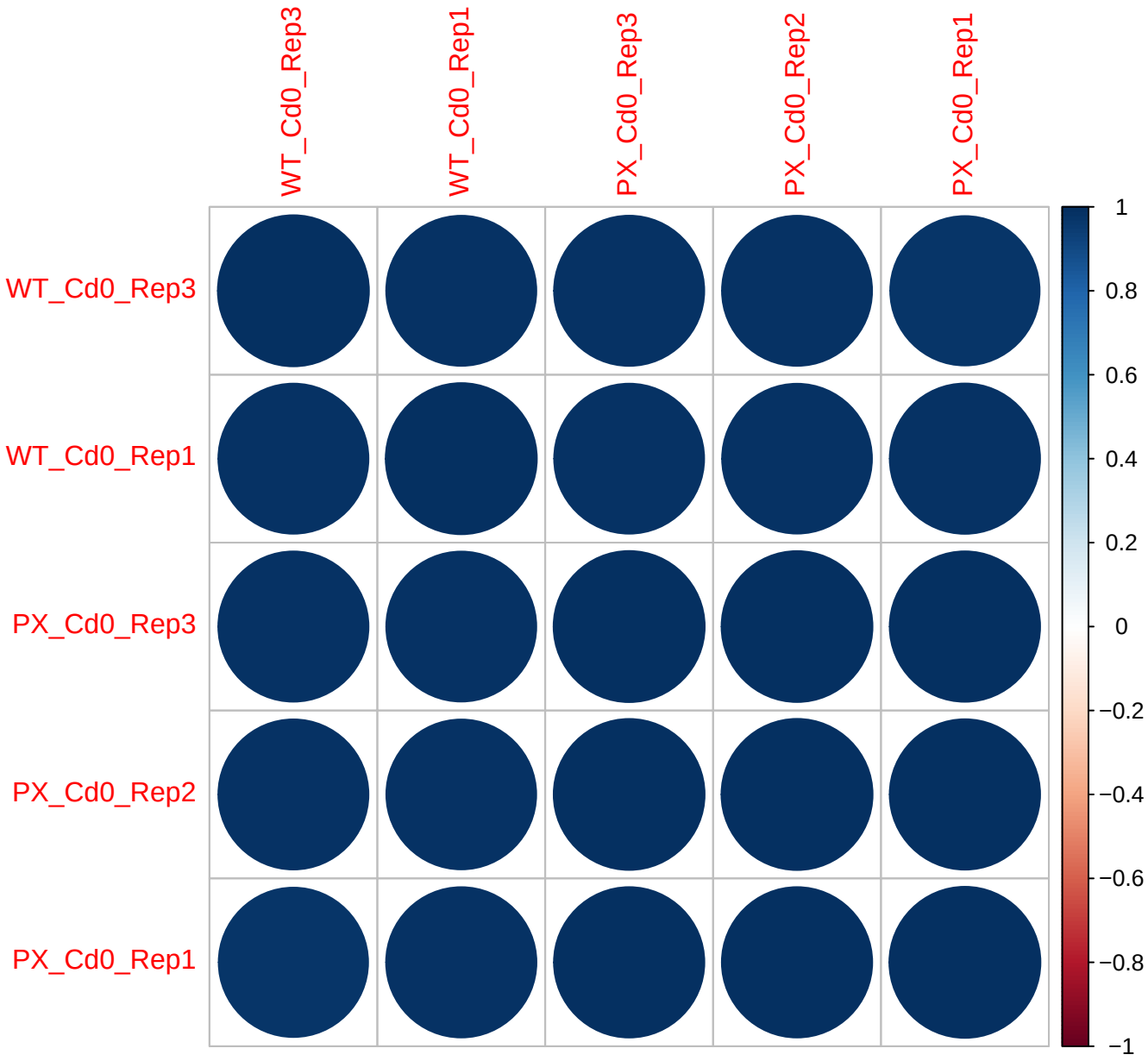


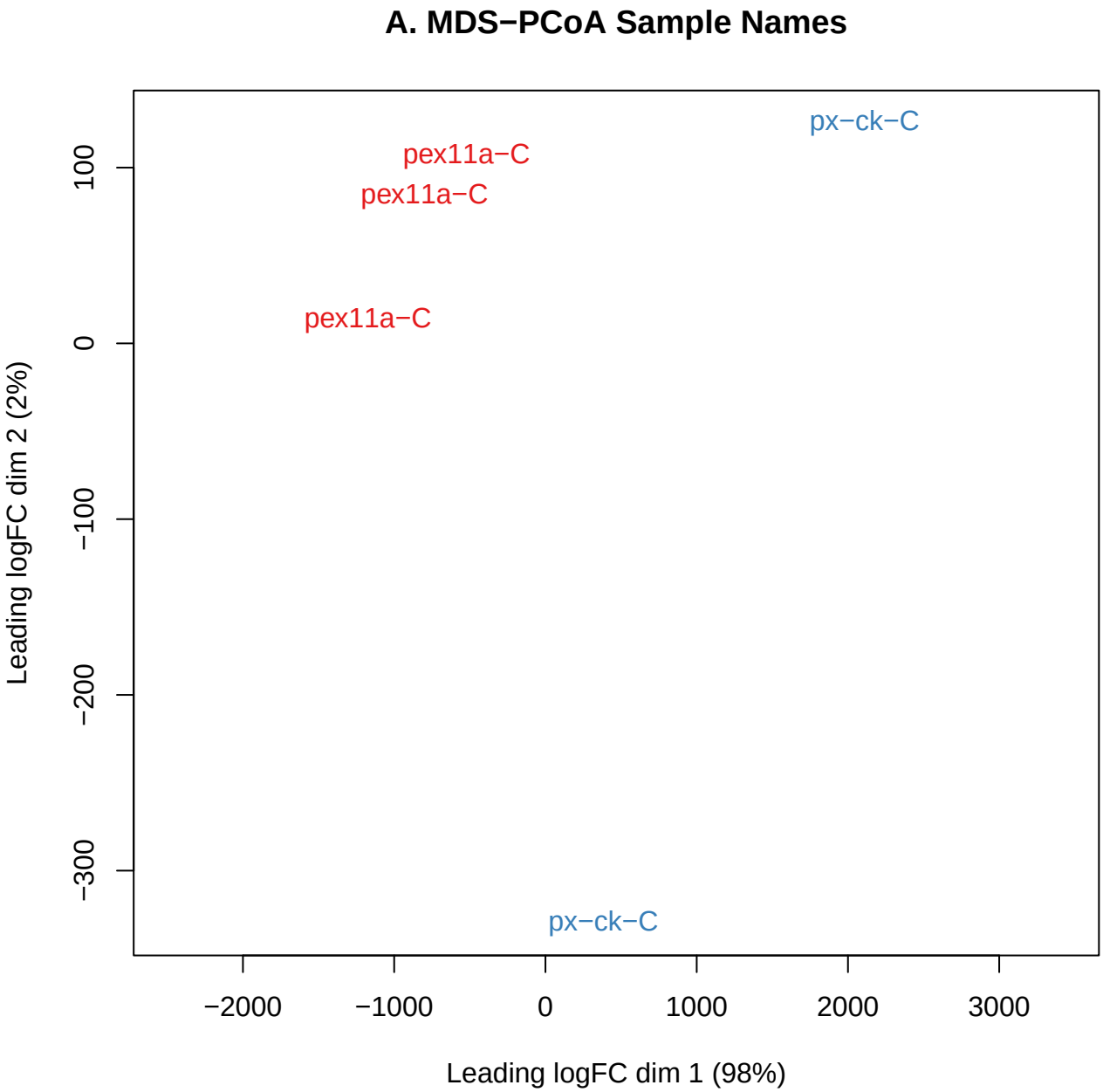
Normalised data

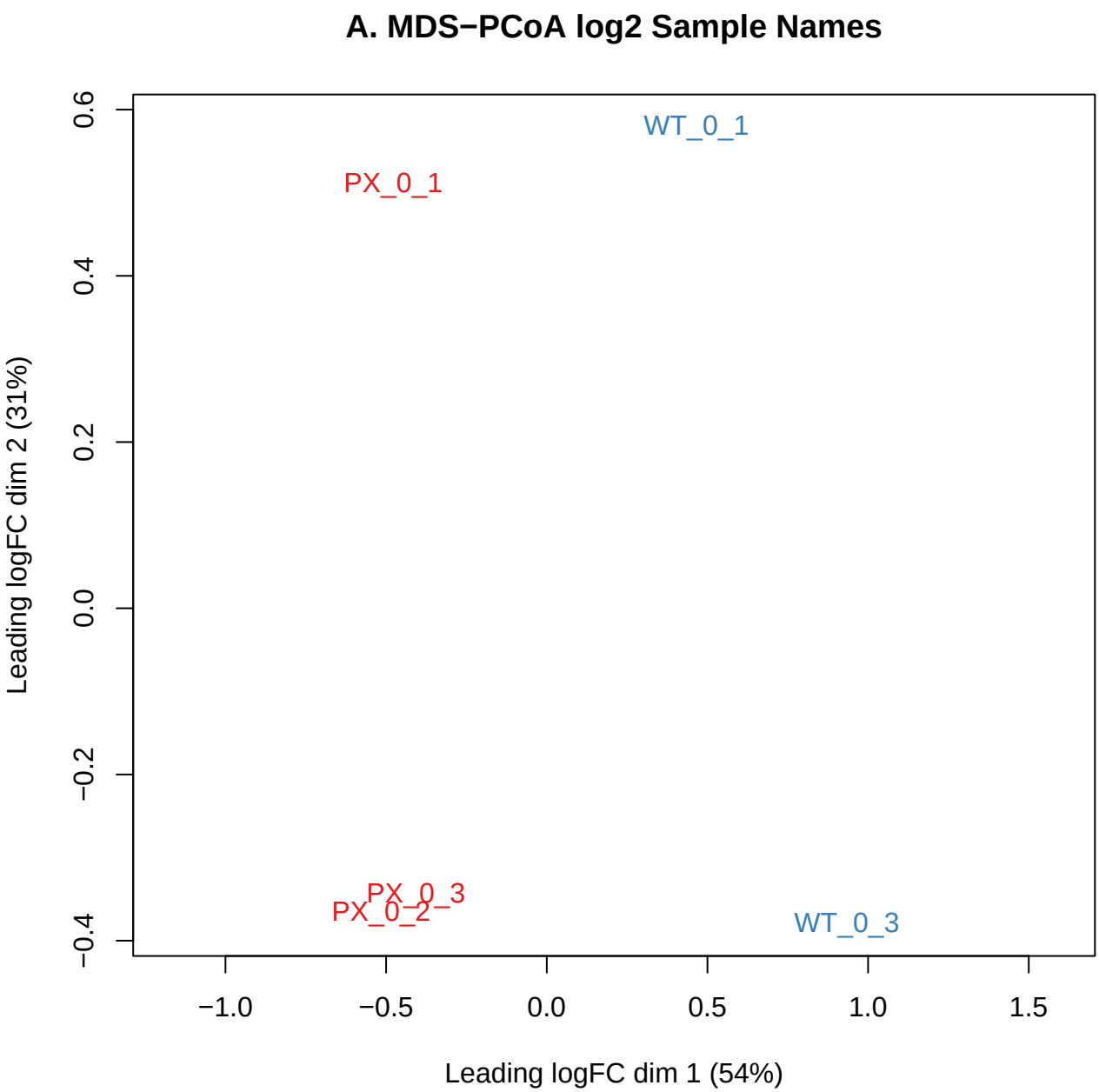


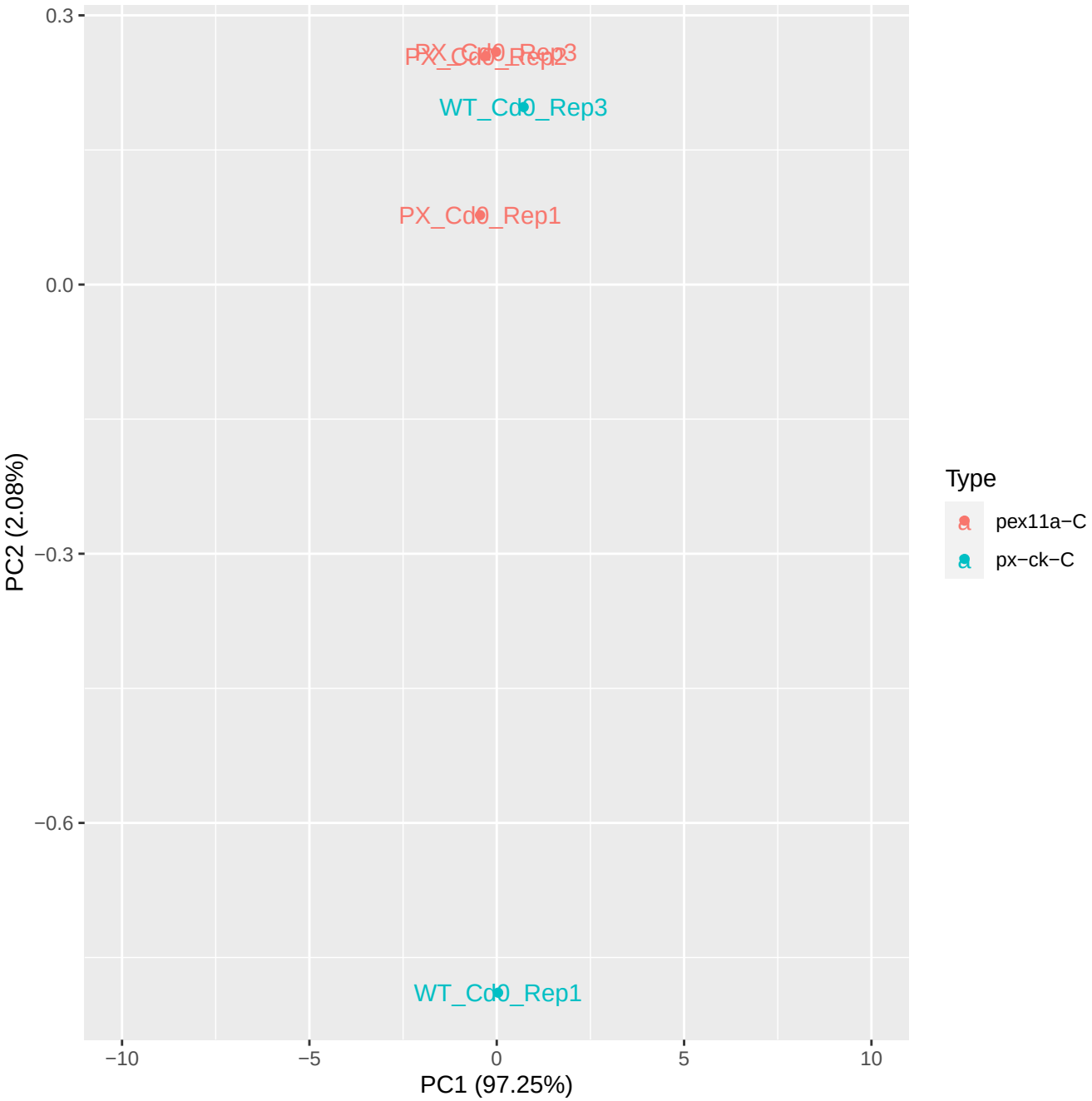

Library Size
8e+07
6e+07
4e+07
2e+07
0e+00
PX_0_1
PX_0_2
PX_0_3
WT_0_1
WT_0_3

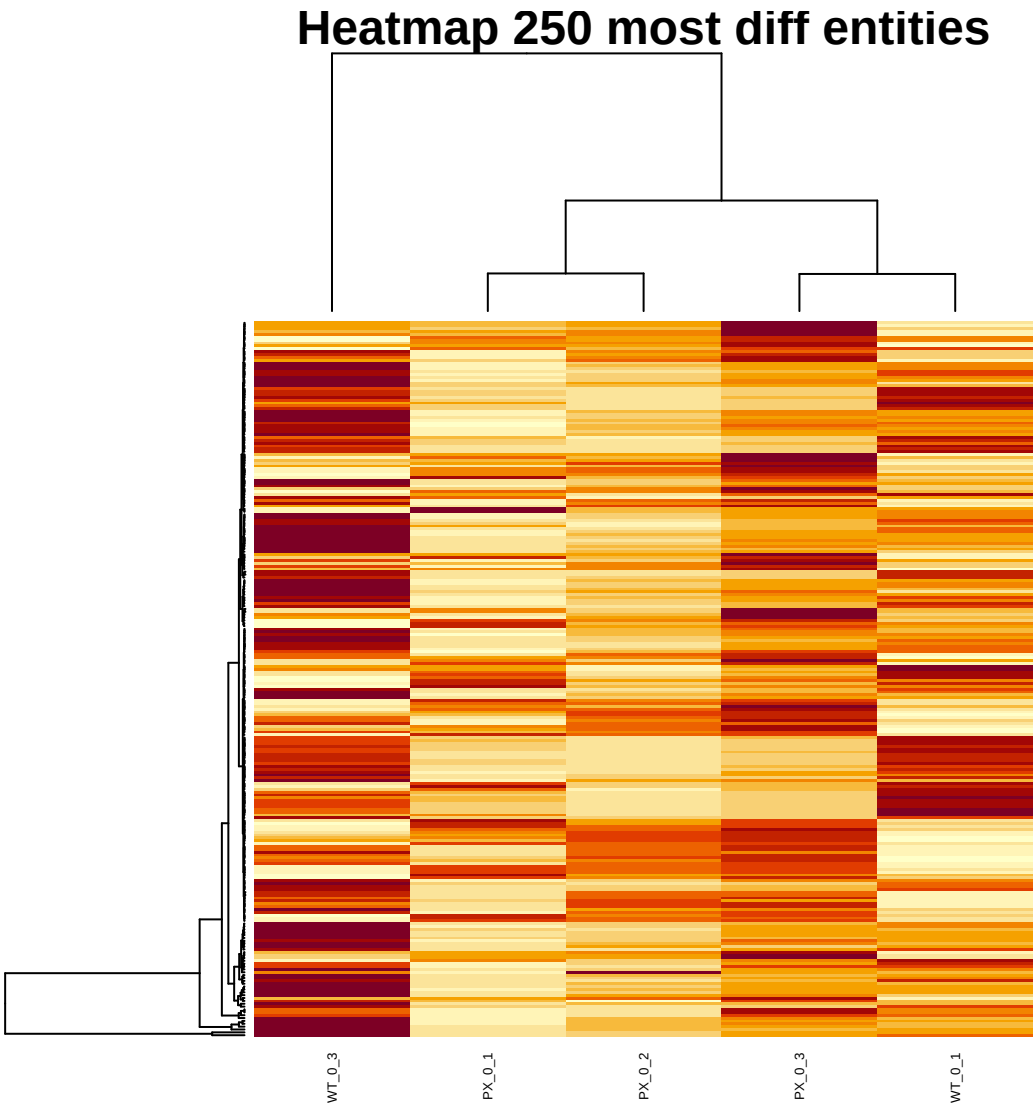

PX_Cd0_Rep1
PX_Cd0_Rep2
PX_Cd0_Rep3
WT_Cd0_Rep1
WT_Cd0_Rep3
1.00 0.99 0.99 0.99 0.98
1.00 1.00 0.98 0.99
1.00 0.99 0.99
1.00 0.99
1.00
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

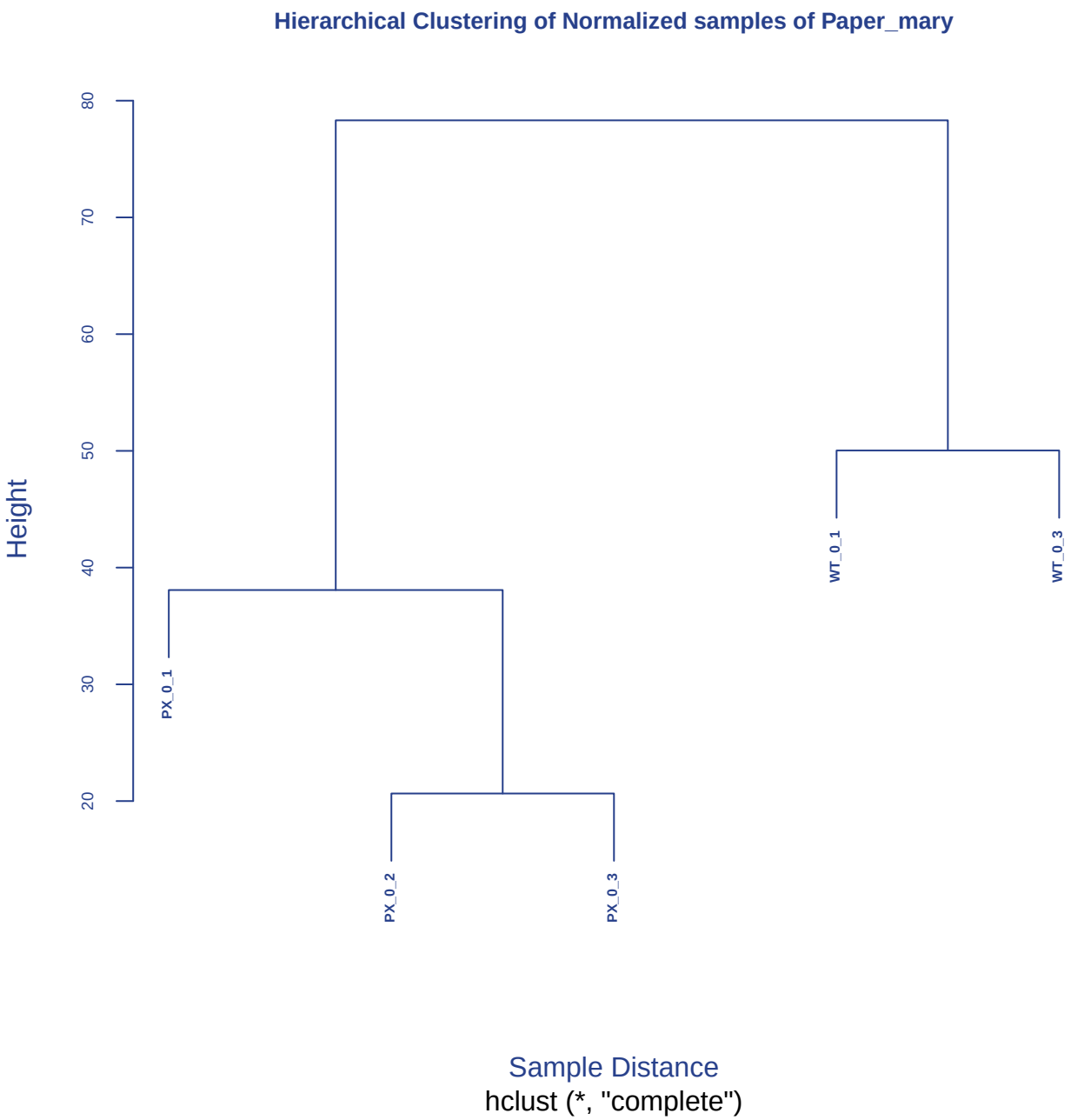

WT_Cd0_Rep3
WT_Cd0_Rep1
PX_Cd0_Rep3
PX_Cd0_Rep2
PX_Cd0_Rep1
WT_Cd0_Rep3
WT_Cd0_Rep1
PX_Cd0_Rep3
PX_Cd0_Rep2
PX_Cd0_Rep1
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1


A. MDS−PCoA Sample Names
px−ck−C
pex11a−C
pex11a−C
pex11a−C
px−ck−C
100
0
−100
−200
−300
Leading logFC dim 2 (2%)
−2000
−1000
0
1000
2000
3000
Leading logFC dim 1 (98%)


A. MDS−PCoA log2 Sample Names
WT_0_1
PX_0_1
PX_0_3
PX_0_2
WT_0_3
0.6
0.4
0.2
0.0
−0.2
−0.4
−1.0
−0.5
0.0
0.5
1.0
1.5
Leading logFC dim 2 (31%)
Leading logFC dim 1 (54%)


0.3
0.0
−0.3
−0.6
PX_Cd0_Rep2
PX_Cd0_Rep3
WT_Cd0_Rep3
PX_Cd0_Rep1
WT_Cd0_Rep1
−10
−5
0
5
10
PC1 (97.25%)
PC2 (2.08%)
Type
pex11a−C
px−ck−C


Heatmap 250 most diff entities
WT_0_3
PX_0_1
PX_0_2
PX_0_3
WT_0_1


Hierarchical Clustering of Normalized samples of Paper_mary
Height
80
70
60
50
40
30
20
PX_0_1
PX_0_2
PX_0_3
WT_0_1
WT_0_3
Sample Distance
hclust (*, "complete")