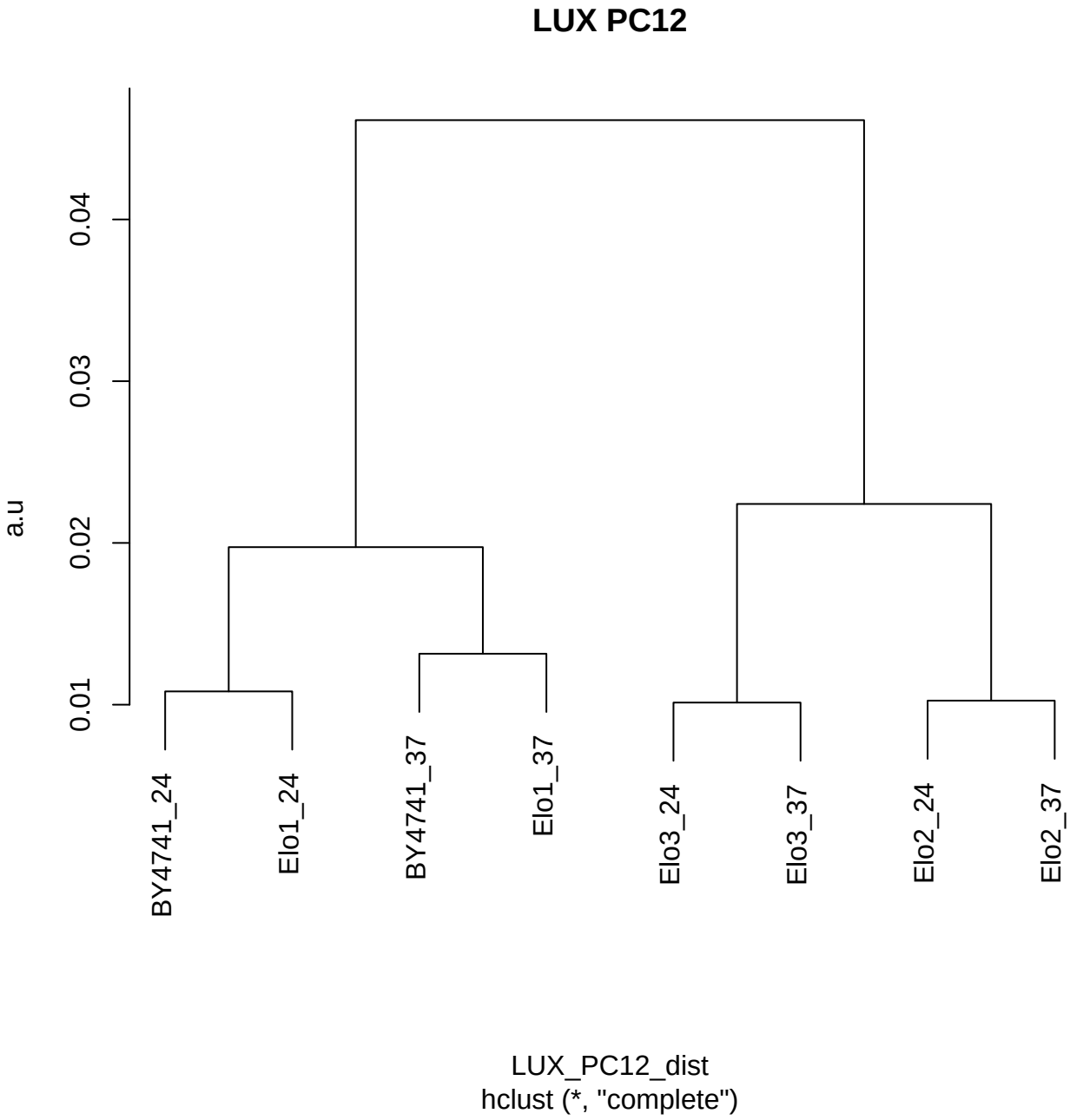
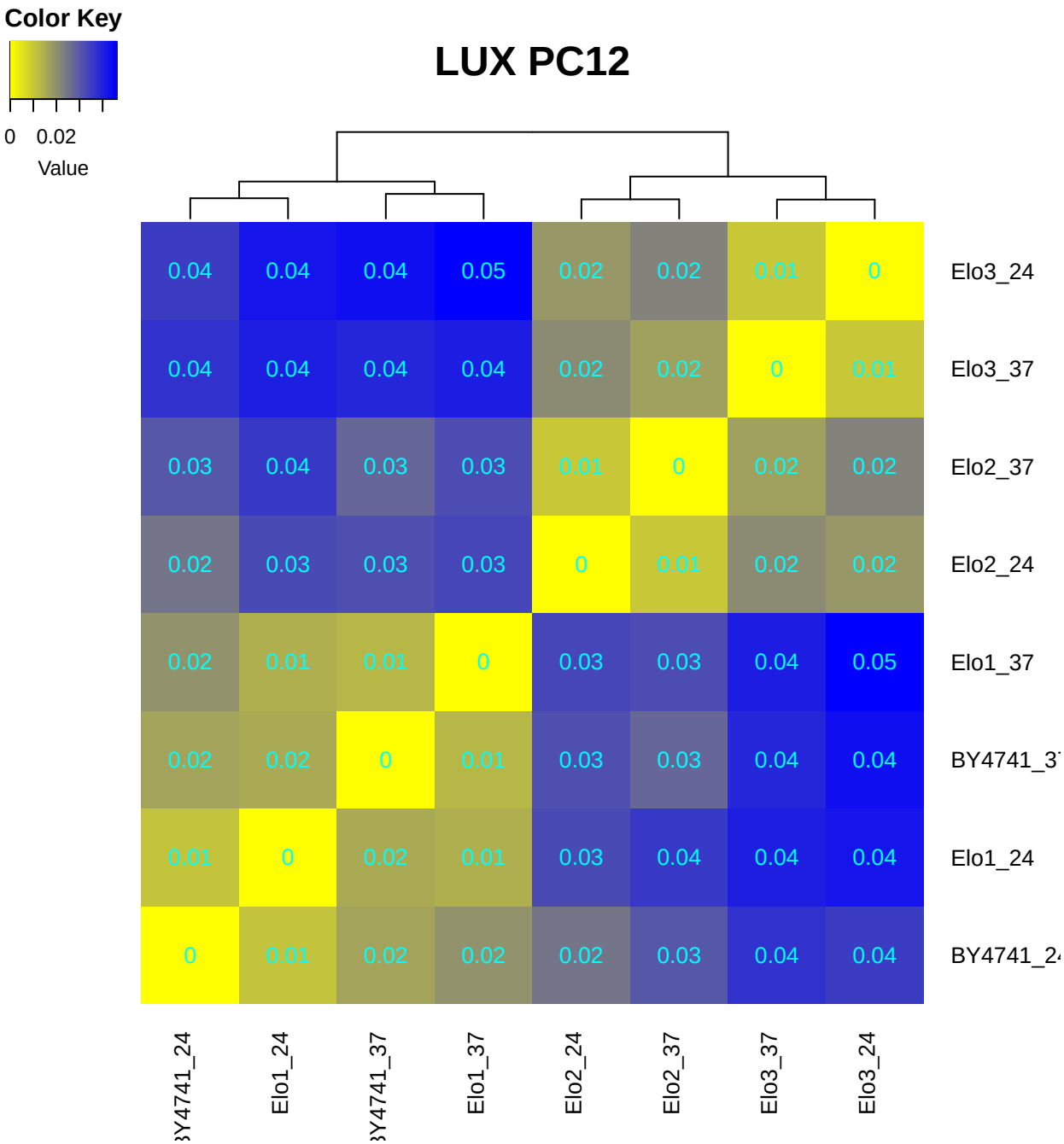
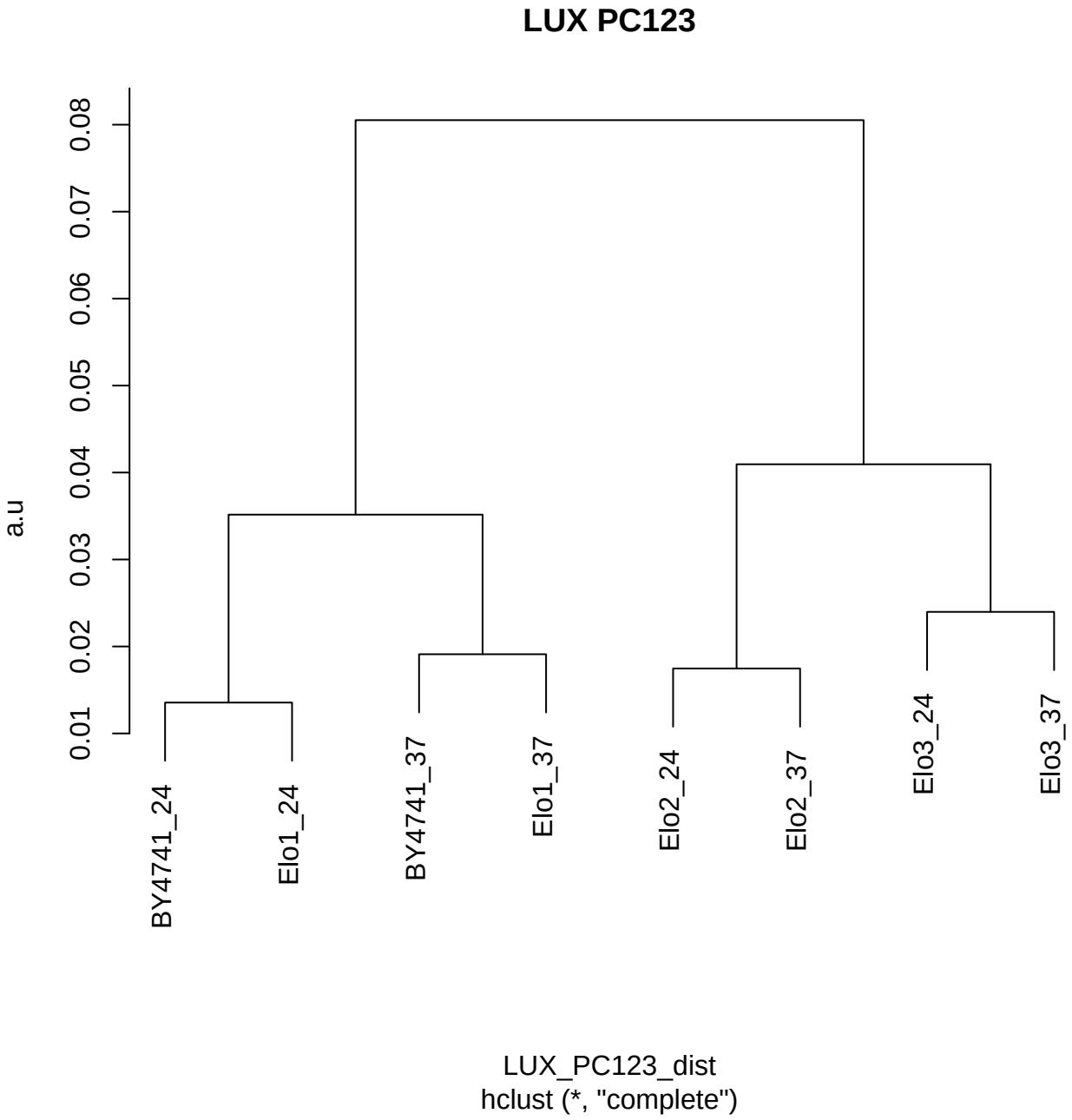
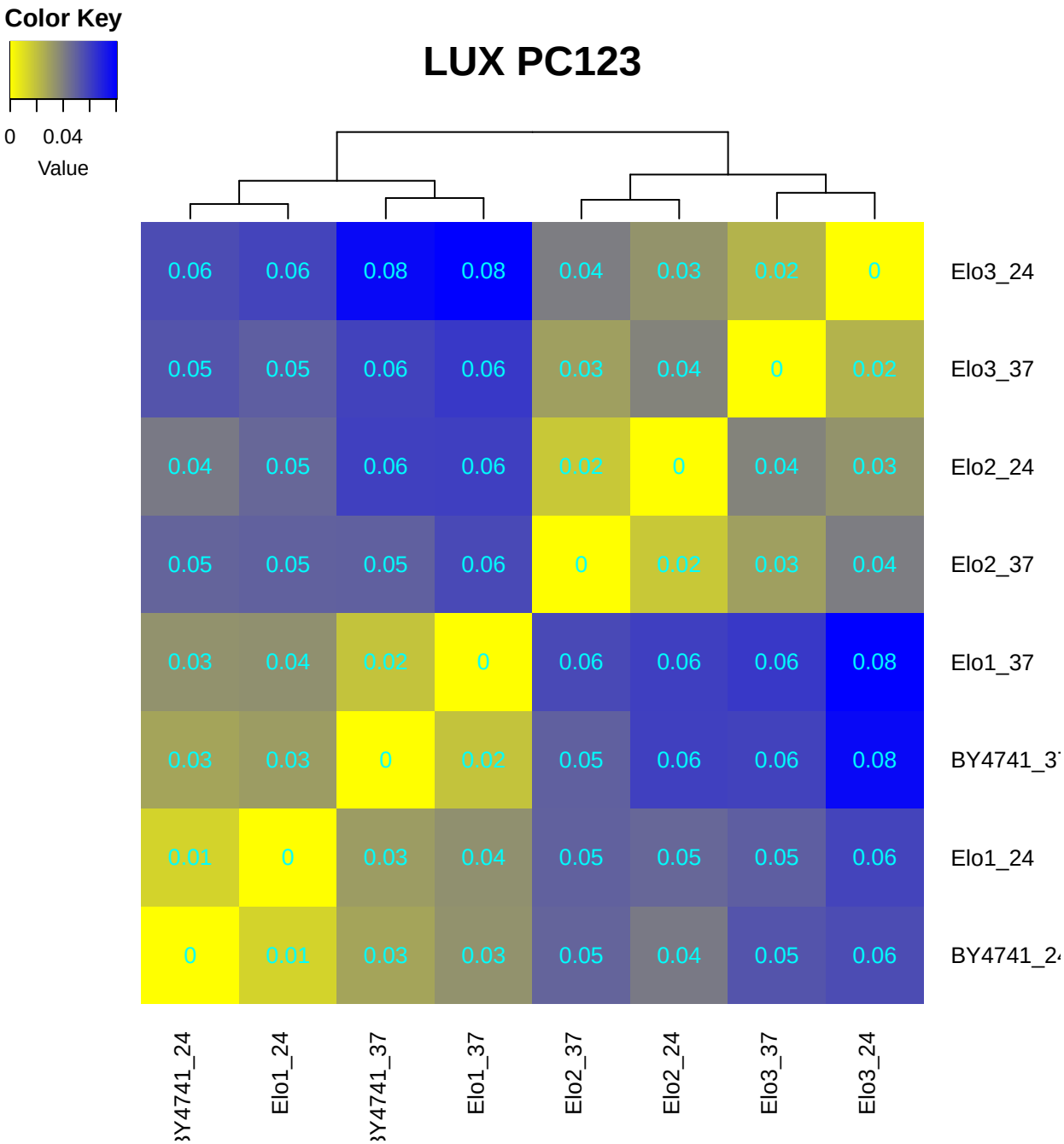
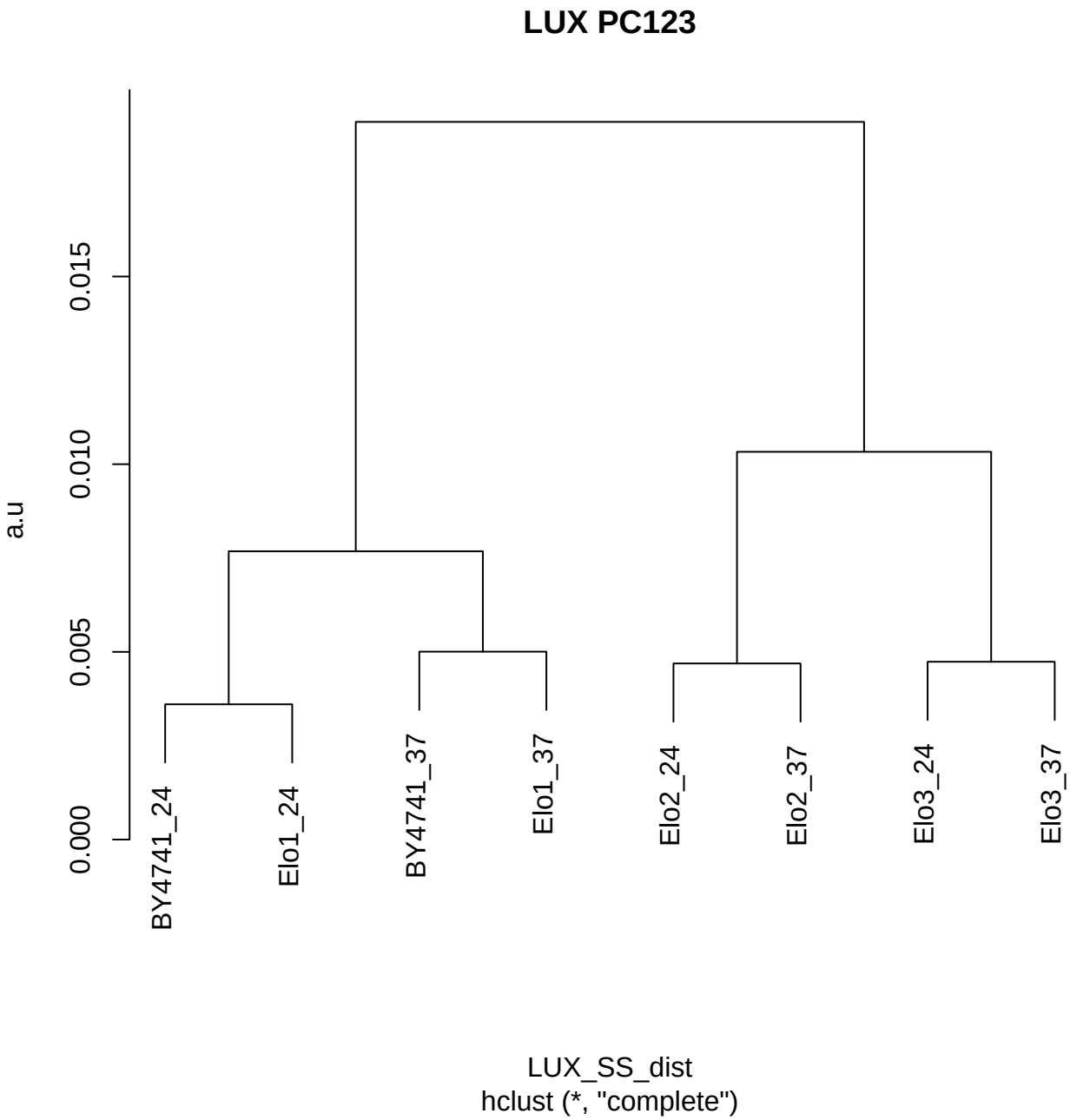
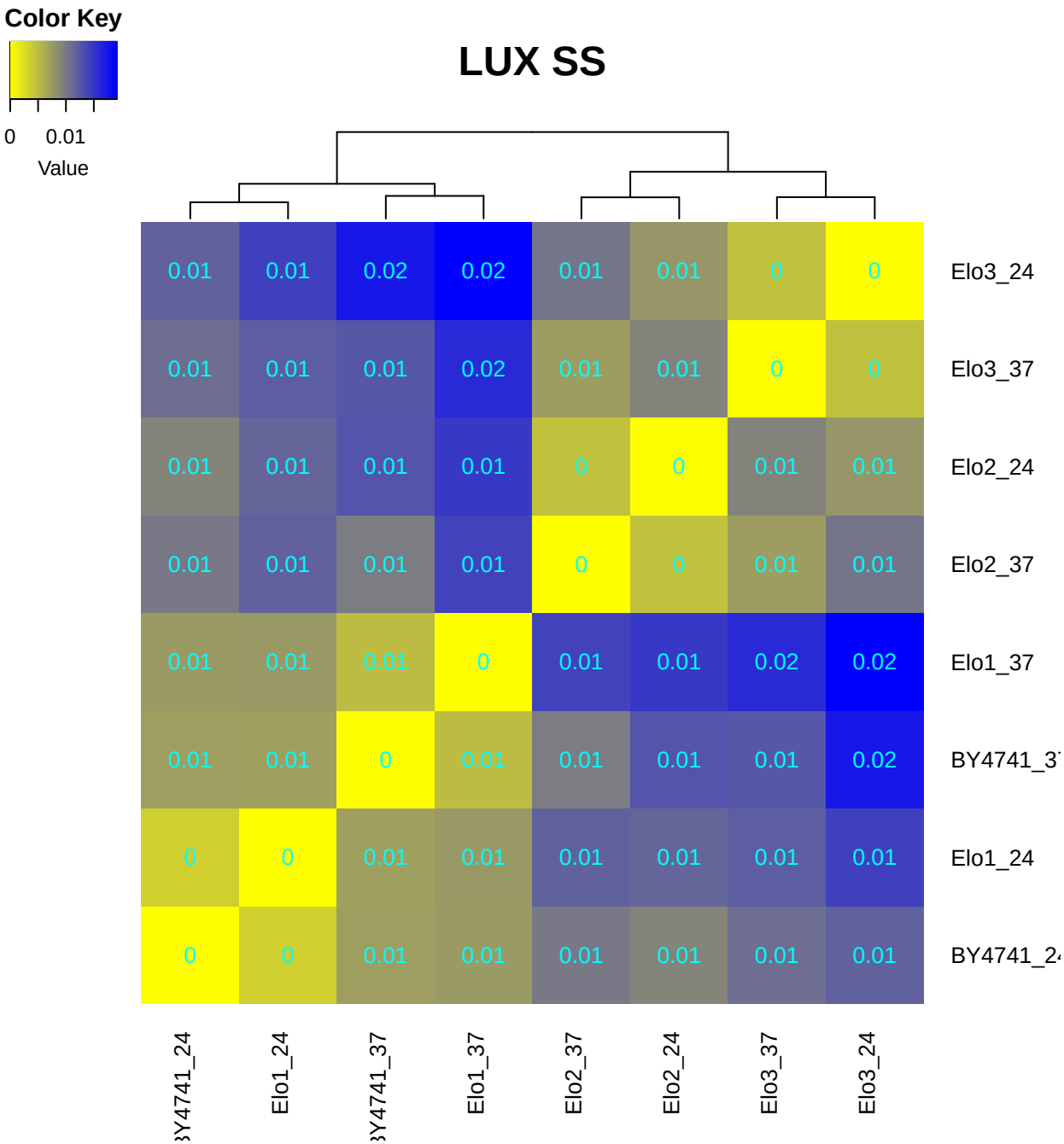

LUX PC12
a.u
0.01
0.02
0.03
0.04
BY4741_24
Elo1_24
BY4741_37
Elo1_37
Elo3_24
Elo3_37
Elo2_24
Elo2_37
LUX_PC12_dist
hclust (*, "complete")

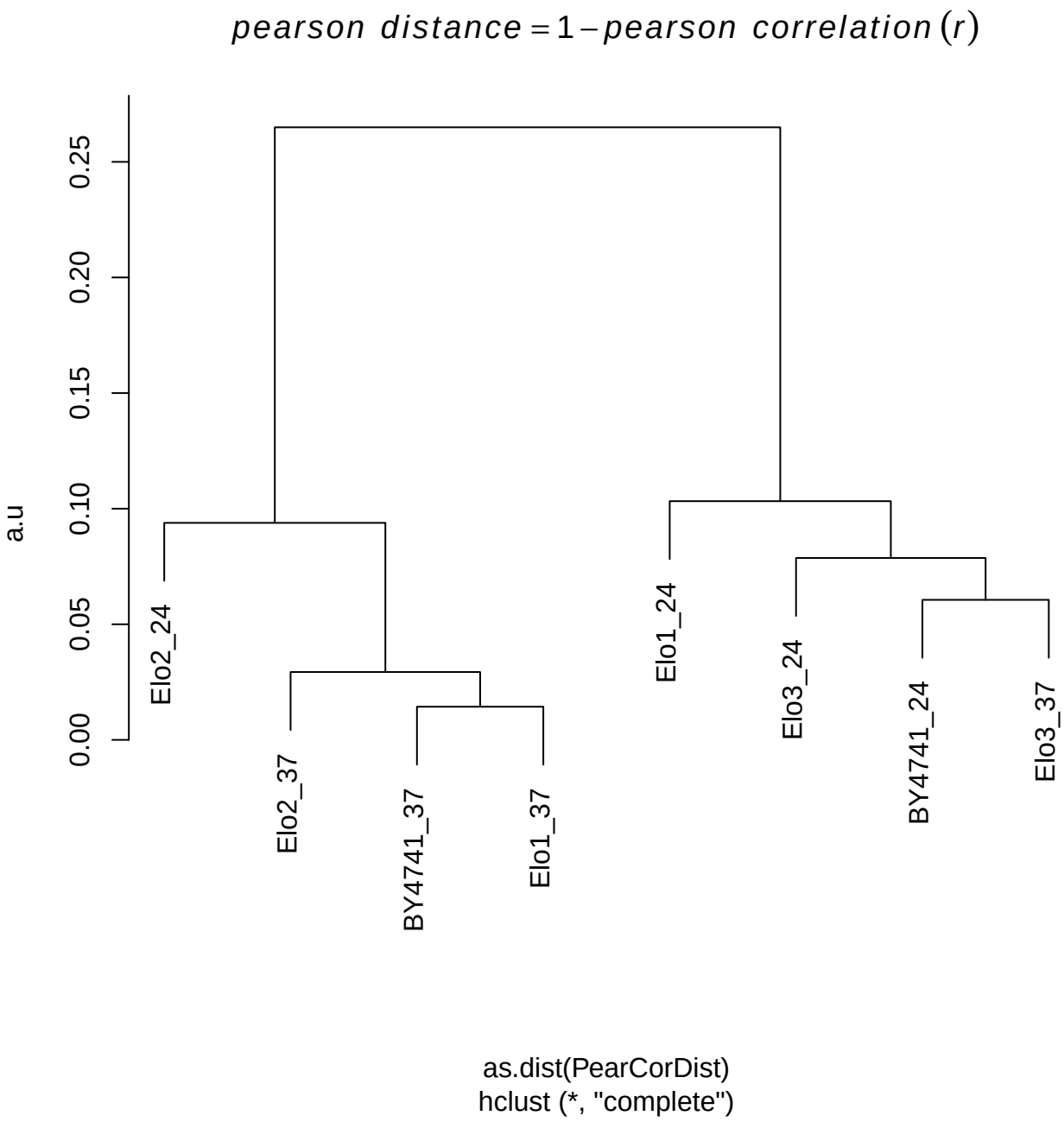

Color Key
0
0.02
Value
LUX PC12
0.04 0.04 0.04 0.05 0.02 0.02 0.01 0
0.04 0.04 0.04 0.04 0.02 0.02 0 0.01
0.03 0.04 0.03 0.03 0.01 0 0.02 0.02
0.02 0.03 0.03 0.03 0 0.01 0.02 0.02
0.02 0.01 0.01 0 0.03 0.03 0.04 0.05
0.02 0.02 0 0.01 0.03 0.03 0.04 0.04
0.01 0 0.02 0.01 0.03 0.04 0.04 0.04
0 0.01 0.02 0.02 0.02 0.03 0.04 0.04
Elo3_24
Elo3_37
Elo2_37
Elo2_24
Elo1_37
BY4741_3
Elo1_24
BY4741_2
Elo1_24
Elo1_37
Elo2_24
Elo2_37
Elo3_37
Elo3_24

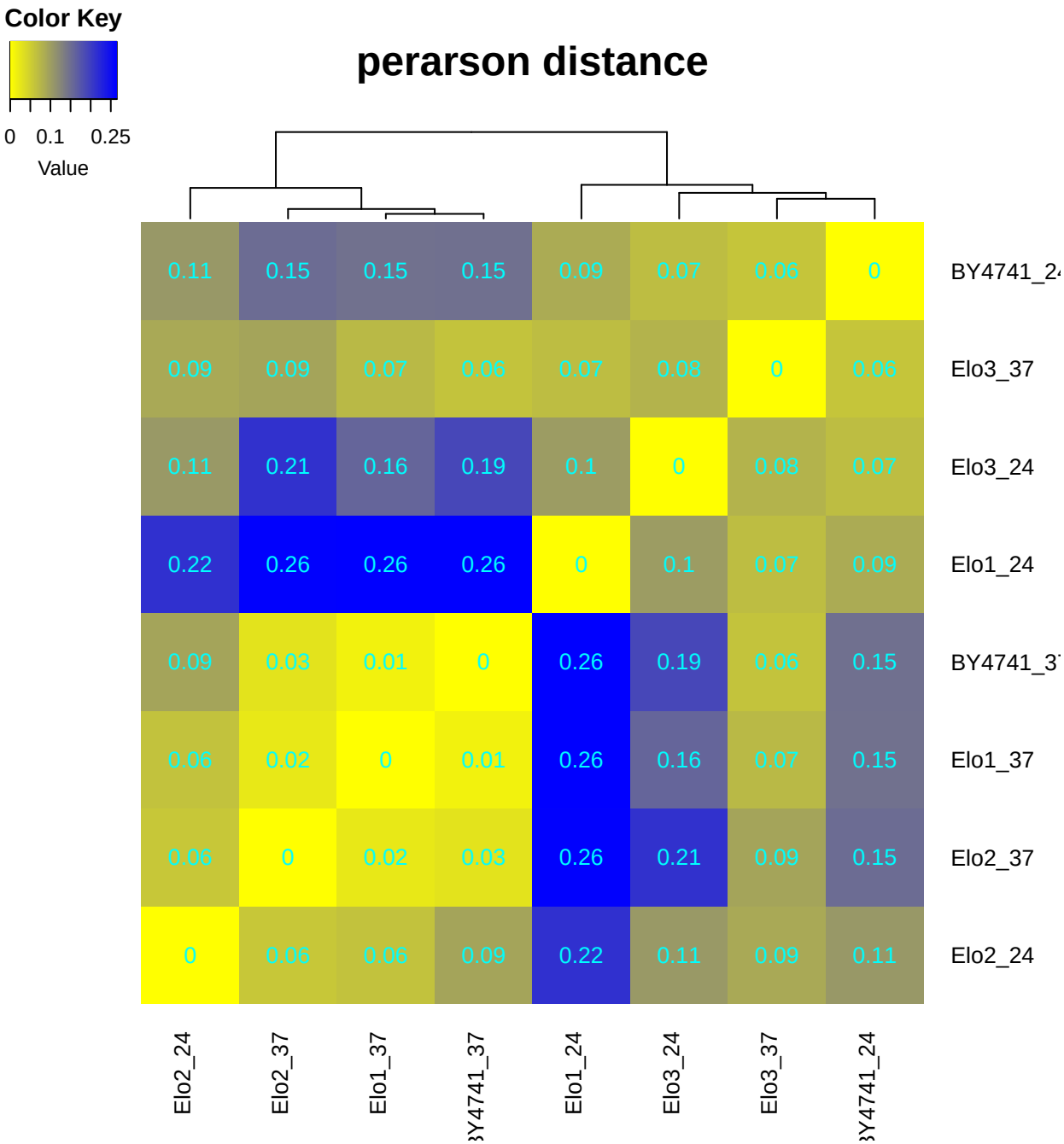

LUX PC123
a.u
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
BY4741_24
Elo1_24
BY4741_37
Elo1_37
Elo2_24
Elo2_37
Elo3_24
Elo3_37
LUX_PC123_dist
hclust (*, "complete")


Color Key
0
0.04
Value
LUX PC123
0.06 0.06 0.08 0.08 0.04 0.03 0.02 0
0.05 0.05 0.06 0.06 0.03 0.04 0 0.02
0.04 0.05 0.06 0.06 0.02 0 0.04 0.03
0.05 0.05 0.05 0.06 0 0.02 0.03 0.04
0.03 0.04 0.02 0 0.06 0.06 0.06 0.08
0.03 0.03 0 0.02 0.05 0.06 0.06 0.08
0.01 0 0.03 0.04 0.05 0.05 0.05 0.06
0 0.01 0.03 0.03 0.05 0.04 0.05 0.06
Elo3_24
Elo3_37
Elo2_24
Elo2_37
Elo1_37
BY4741_3
Elo1_24
BY4741_2
BY4741_24
Elo1_24
BY4741_37
Elo1_37
Elo2_37
Elo2_24
Elo3_37
Elo3_24

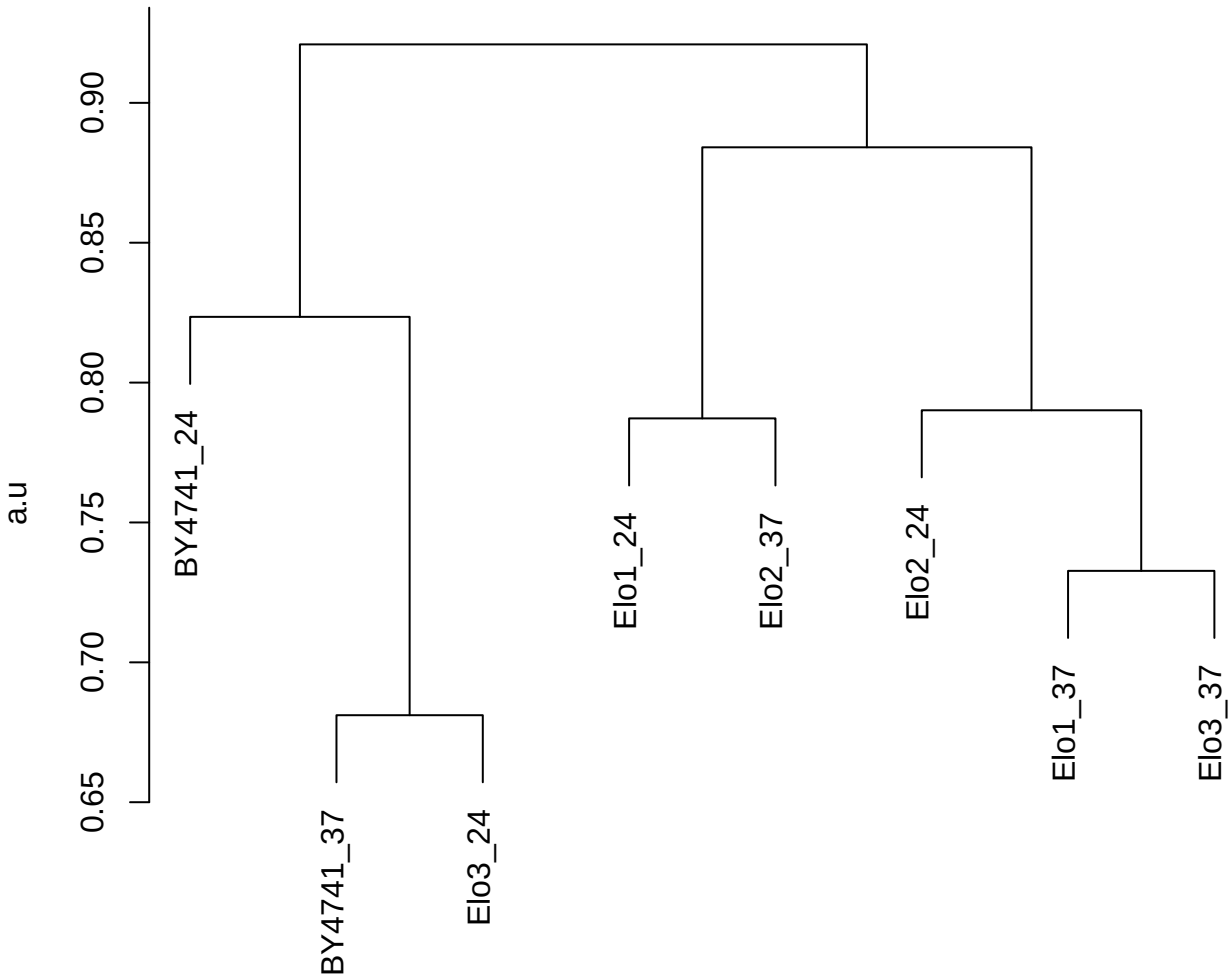

LUX PC123
a.u
0.000
0.005
0.010
0.015
BY4741_24
Elo1_24
BY4741_37
Elo1_37
Elo2_24
Elo2_37
Elo3_24
Elo3_37
LUX_SS_dist
hclust (*, "complete")


Color Key
0
0.01
Value
LUX SS
0.01 0.01 0.02 0.02 0.01 0.01 0 0
0.01 0.01 0.01 0.02 0.01 0.01 0 0
0.01 0.01 0.01 0.01 0 0 0.01 0.01
0.01 0.01 0.01 0.01 0 0 0.01 0.01
0.01 0.01 0.01 0 0.01 0.01 0.02 0.02
0.01 0.01 0 0.01 0.01 0.01 0.01 0.02
0 0 0.01 0.01 0.01 0.01 0.01 0.01
0 0 0.01 0.01 0.01 0.01 0.01 0.01
Elo3_24
Elo3_37
Elo2_24
Elo2_37
Elo1_37
BY4741_3
Elo1_24
BY4741_2
Elo1_24
Elo2_37
Elo2_24
Elo3_37
Elo3_24

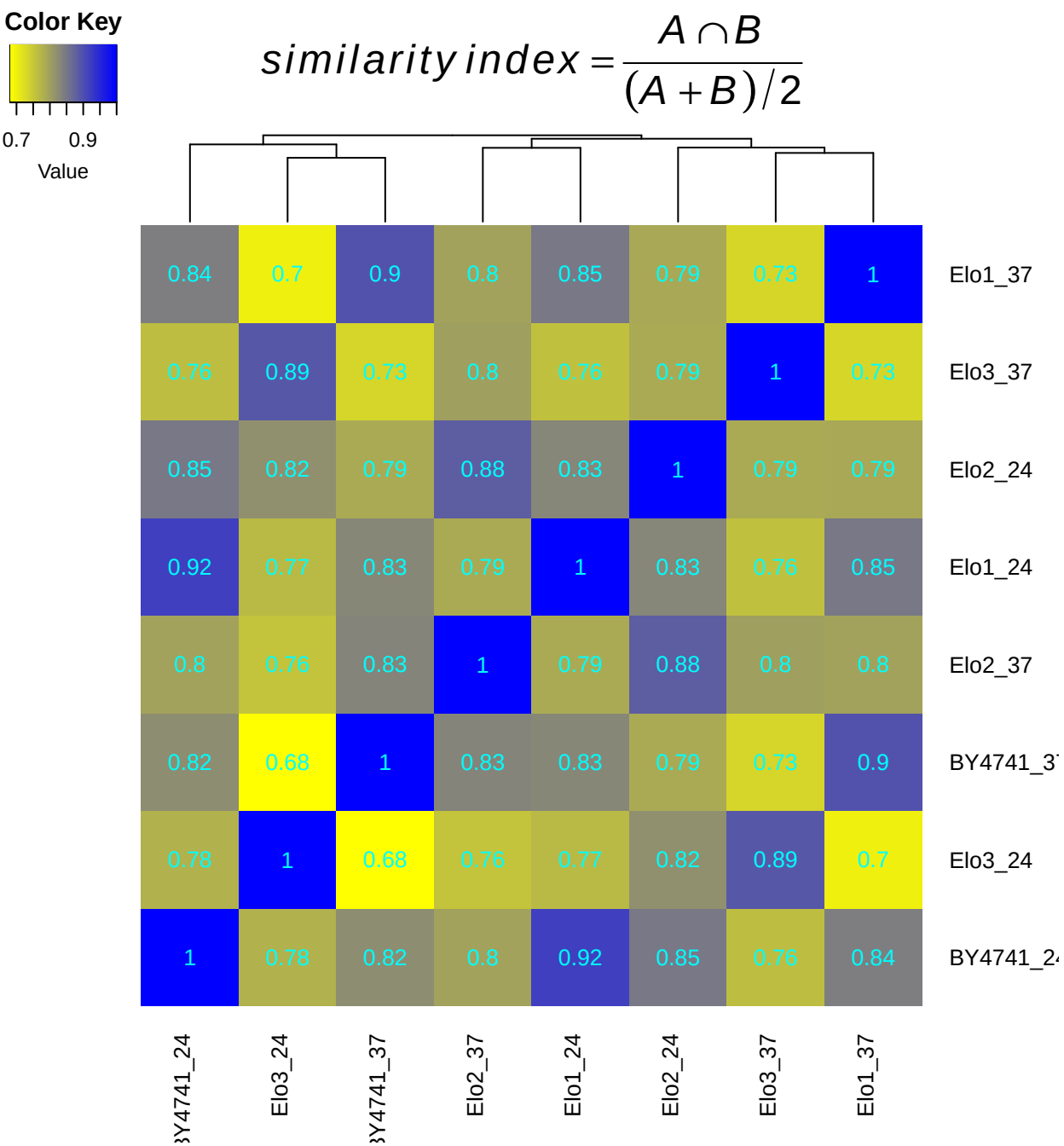

pearson distance = 1 − pearson correlation (r)
a.u
0.00
0.05
0.10
0.15
0.20
0.25
Elo2_24
Elo2_37
BY4741_37
Elo1_37
Elo1_24
Elo3_24
BY4741_24
Elo3_37
as.dist(PearCorDist)
hclust (*, "complete")


Color Key
0
0.1
0.25
Value
perarson distance
0.11 0.15 0.15 0.15 0.09 0.07 0.06 0
0.09 0.09 0.07 0.06 0.07 0.08 0 0.06
0.11 0.21 0.16 0.19 0.1 0 0.08 0.07
0.22 0.26 0.26 0.26 0 0.1 0.07 0.09
0.09 0.03 0.01 0 0.26 0.19 0.06 0.15
0.06 0.02 0 0.01 0.26 0.16 0.07 0.15
0.06 0 0.02 0.03 0.26 0.21 0.09 0.15
0 0.06 0.06 0.09 0.22 0.11 0.09 0.11
BY4741_2
Elo3_37
Elo3_24
Elo1_24
BY4741_3
Elo1_37
Elo2_37
Elo2_24
Elo2_24
Elo2_37
Elo1_37
Y4741_37
Elo1_24
Elo3_24
Elo3_37
Y4741_24

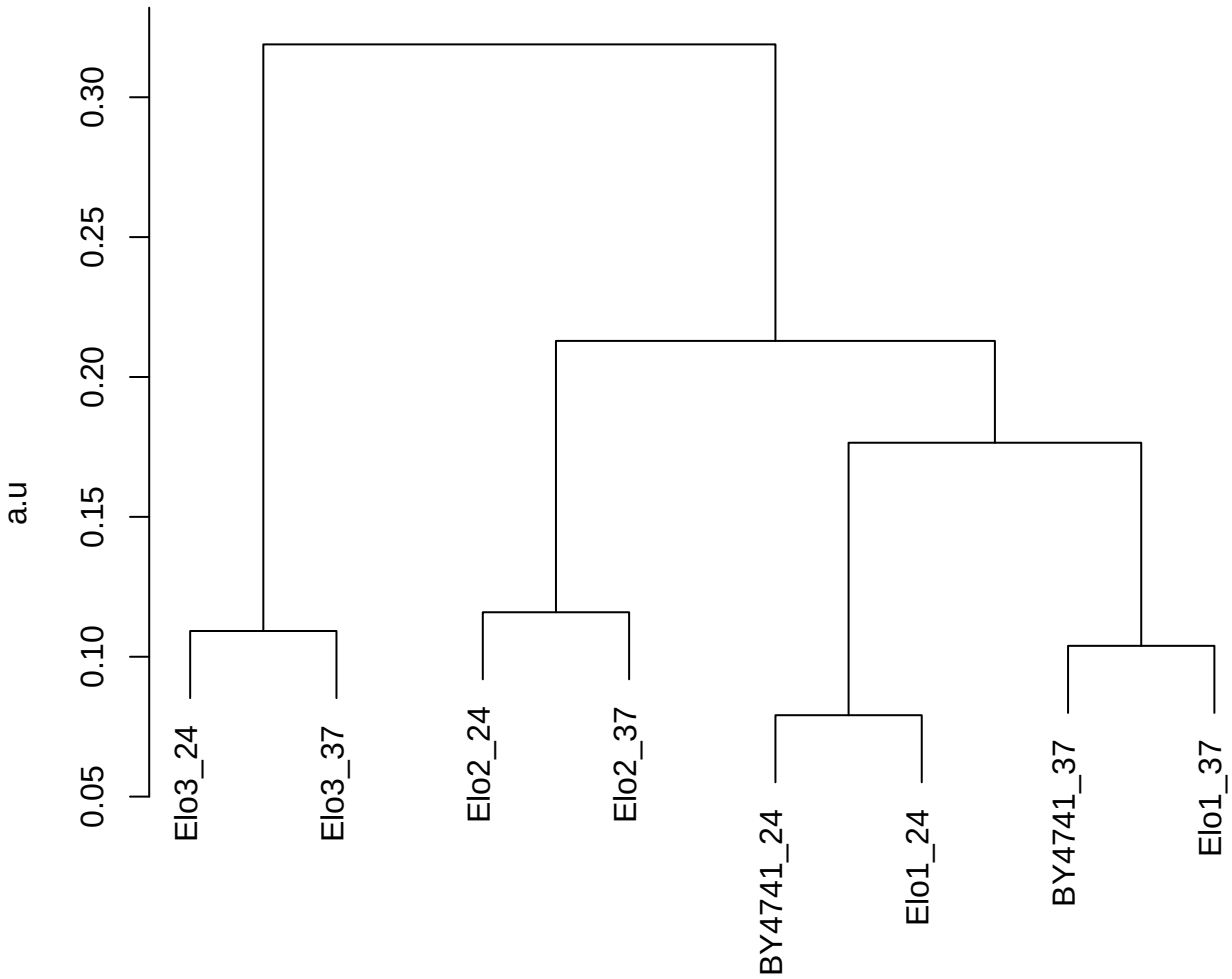
$$similarity\ index = \frac{A \cap B}{(A + B)/2}$$



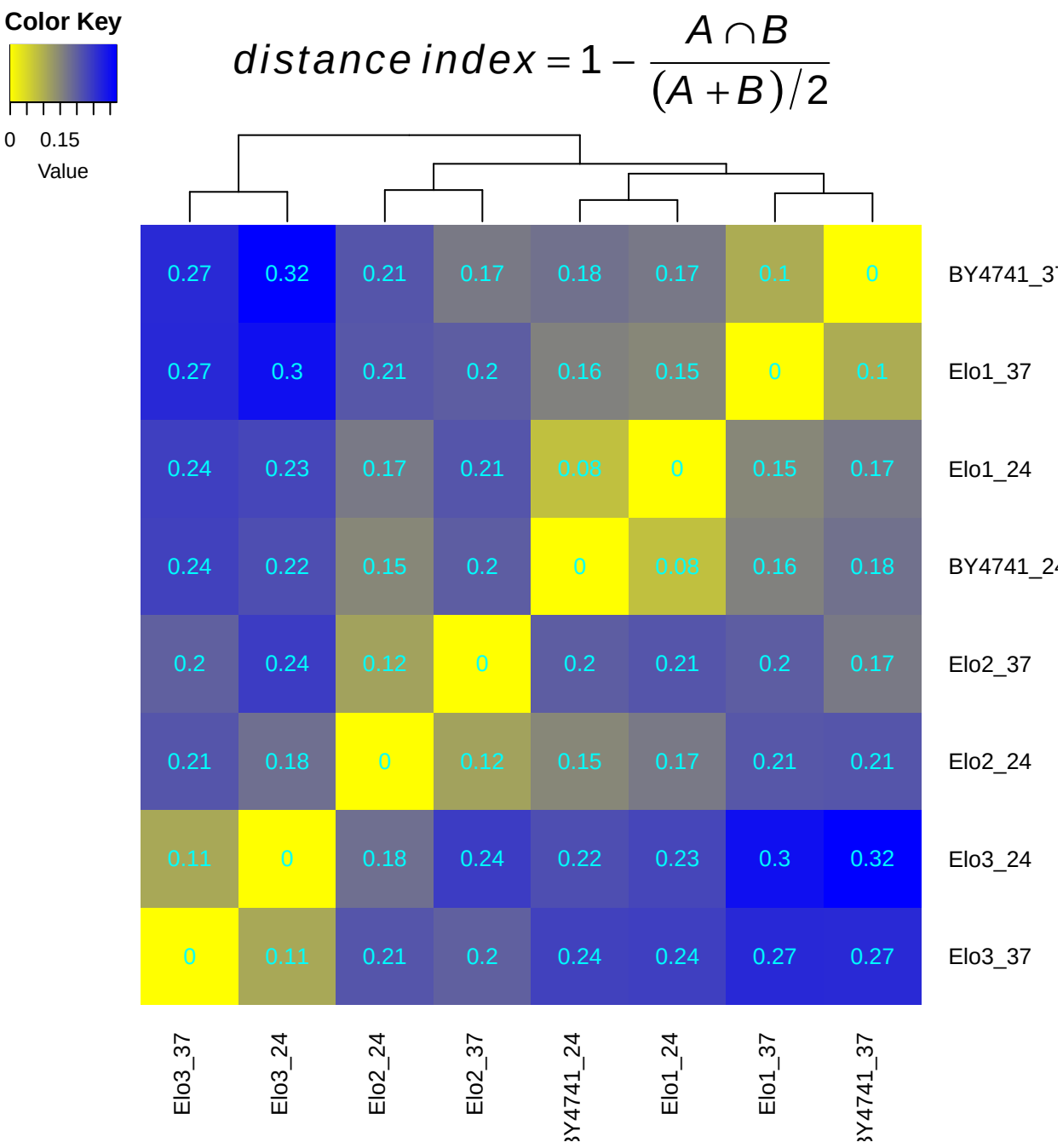
as.dist(SetSimilarityTable)
hclust (*, "complete")


Color Key
0.7
0.9
Value
similarity index = (A ∩ B) / (A + B) / 2
0.84 0.7 0.9 0.8 0.85 0.79 0.73 1 Elo1_37
0.76 0.89 0.73 0.8 0.76 0.79 1 0.73 Elo3_37
0.85 0.82 0.79 0.88 0.83 1 0.79 0.79 Elo2_24
0.92 0.77 0.83 0.79 1 0.83 0.76 0.85 Elo1_24
0.8 0.76 0.83 1 0.79 0.88 0.8 0.8 Elo2_37
0.82 0.68 1 0.83 0.83 0.79 0.73 0.9 BY4741_3
0.78 1 0.68 0.76 0.77 0.82 0.89 0.7 Elo3_24
1 0.78 0.82 0.8 0.92 0.85 0.76 0.84 BY4741_2
BY4741_24
Elo3_24
BY4741_37
Elo2_37
Elo1_24
Elo2_24
Elo3_37
Elo1_37

$$distance\ index = 1 - \frac{A \cap B}{(A + B)/2}$$



as.dist(SetDistanceTable)
hclust (*, "complete")


Color Key
0
0.15
Value
$distance\ index = 1 - \frac{A \cap B}{(A+B)/2}$
0.27 0.32 0.21 0.17 0.18 0.17 0.1 0
0.27 0.3 0.21 0.2 0.16 0.15 0 0.1
0.24 0.23 0.17 0.21 0.08 0 0.15 0.17
0.24 0.22 0.15 0.2 0 0.08 0.16 0.18
0.2 0.24 0.12 0 0.2 0.21 0.2 0.17
0.21 0.18 0 0.12 0.15 0.17 0.21 0.21
0.11 0 0.18 0.24 0.22 0.23 0.3 0.32
0 0.11 0.21 0.2 0.24 0.24 0.27 0.27
BY4741_3
Elo1_37
Elo1_24
BY4741_2
Elo2_37
Elo2_24
Elo3_24
Elo3_37
Elo3_37
Elo3_24
Elo2_24
Elo2_37
BY4741_24
Elo1_24
Elo1_37
BY4741_37