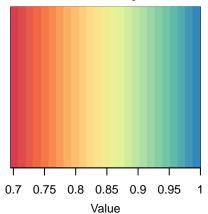
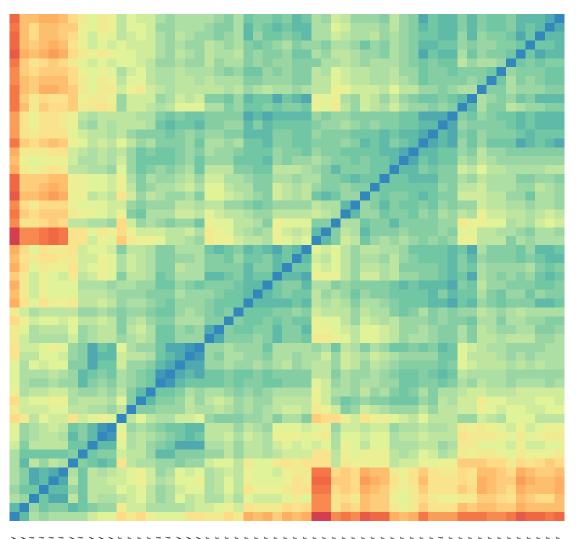
### **Color Key**



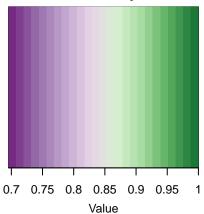
### Pearson correlation labeled cancer or normal



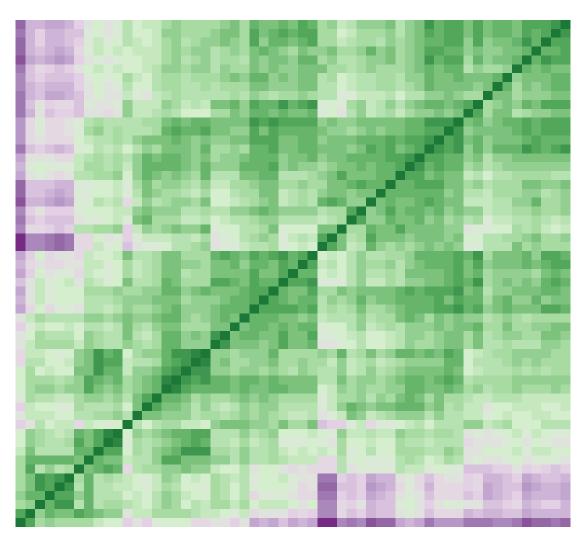
GSM71046.CEL:Cancer GSM71066.CEL:Cancer GSM71068.CEL:Cancer GSM71034.CEL:Cancer GSM71032.CEL:Cancer GSM71038.CEL:Cancer GSM71053.CEL:Cancer GSM71064.CEL:Cancer GSM71048.CEL:Cancer GSM71024.CEL:Normal GSM71040.CEL:Cancer GSM71062.CEL:Cancer GSM71041.CEL:Cancer GSM71050.CEL:Cancer GSM71039.CEL:Cancer GSM71060.CEL:Cancer GSM71061.CEL:Cancer GSM71028.CEL:Cancer GSM71037.CEL:Cancer GSM71054.CEL:Cancer GSM71035.CEL:Cancer GSM71043.CEL:Cancer GSM71063.CEL:Cancer GSM71042.CEL:Cancer GSM71056.CEL:Cancer GSM71036.CEL:Cancer GSM71055.CEL:Cancer GSM71031.CEL:Cancer GSM71058.CEL:Cancer GSM71045.CEL:Cancer GSM71033.CEL:Cancer GSM71065.CEL:Cancer GSM71049.CEL:Cancer GSM71029.CEL:Cancer GSM71069.CEL:Biopsy GSM71075.CEL:Biopsy GSM71070.CEL:Biopsy GSM71023.CEL:Normal GSM71019.CEL:Normal GSM71047.CEL:Cancer GSM71052.CEL:Cancer GSM71051.CEL:Cancer GSM71044.CEL:Cancer GSM71072.CEL:Biopsy GSM71071.CEL:Biopsy GSM71076.CEL:Biopsy GSM71022.CEL:Normal GSM71073.CEL:Biopsy GSM71021.CEL:Normal GSM71026.CEL:Normal GSM71020.CEL:Normal GSM71025.CEL:Normal GSM71077.CEL:Biopsy

GSM71077.CEL.Biopsy
GSM7107.CEL.Biopsy
GSM7102.CEL.Normal
GSM77102.CEL.Normal
GSM77102.CEL.Normal
GSM77102.CEL.Normal
GSM77102.CEL.Normal
GSM77107.CEL.Biopsy
GSM77107.CEL.Cancer
GSM77107.CEL.Biopsy
GSM77107.CEL.Biopsy
GSM77107.CEL.Biopsy
GSM77107.CEL.Biopsy
GSM77107.CEL.Biopsy
GSM77107.CEL.Biopsy
GSM77107.CEL.Cancer
GSM77105.CEL.Cancer
GSM77106.CEL.Cancer
GSM77106

### Color Key



# Pearson correlation labeled by batch



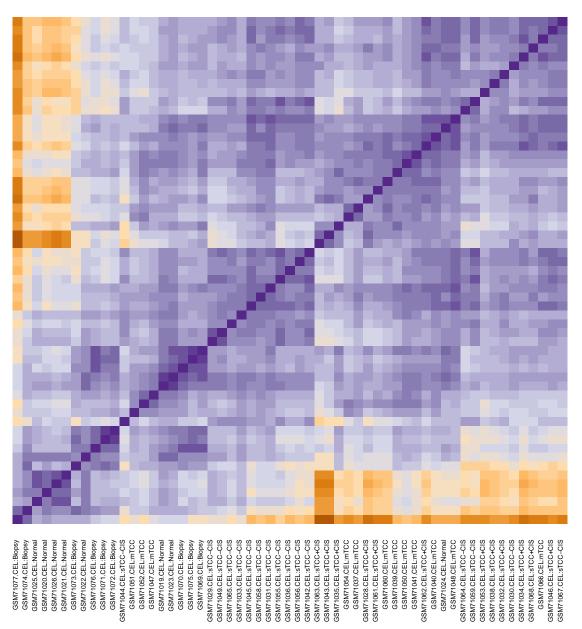
GSM71046.CEL:batch5 GSM71066.CEL:batch1 GSM71068.CEL:batch5 GSM71034.CEL:batch5 GSM71032.CEL:batch5 GSM71038.CEL:batch5 GSM71053.CEL:batch5 GSM71064.CEL:batch2 GSM71048.CEL:batch1 GSM71024.CEL:batch3 GSM71040.CEL:batch2 GSM71062.CEL:batch5 GSM71041.CEL:batch1 GSM71050.CEL:batch1 GSM71039.CEL:batch1 GSM71060.CEL:batch1 GSM71061.CEL:batch5 GSM71028.CEL:batch5 GSM71037.CEL:batch1 GSM71054.CEL:batch1 GSM71035.CEL:batch5 GSM71043.CEL:batch5 GSM71063.CEL:batch5 GSM71042.CEL:batch2 GSM71056.CEL:batch2 GSM71036.CEL:batch2 GSM71055.CEL:batch2 GSM71031.CEL:batch2 GSM71058.CEL:batch2 GSM71045.CEL:batch2 GSM71033.CEL:batch2 GSM71065.CEL:batch5 GSM71049.CEL:batch2 GSM71029.CEL:batch2 GSM71069.CEL:batch4 GSM71075.CEL:batch4 GSM71070.CEL:batch4 GSM71023.CEL:batch3 GSM71019.CEL:batch3 GSM71047.CEL:batch1 GSM71052.CEL:batch1 GSM71051.CEL:batch1 GSM71044.CEL:batch2 GSM71072.CEL:batch5 GSM71071.CEL:batch5 GSM71076.CEL:batch4 GSM71022.CEL:batch3 GSM71073.CEL:batch5 GSM71021.CEL:batch2 GSM71026.CEL:batch2 GSM71020.CEL:batch2 GSM71025.CEL:batch2 GSM71077.CEL:batch4

GSM71077.CEL.batch
GSM7107.CEL.batch
GSM7107.CEL.batch
GSM7102.CEL.batch
GSM7102.CEL.batch
GSM7102.CEL.batch
GSM7102.CEL.batch
GSM7107.CEL.batch
GSM7109.CEL.batch

# Color Key

# 0.7 0.75 0.8 0.85 0.9 0.95 1 Value

## Pearson correlation labeled by outcome



GSM71067.CEL:sTCC-CIS GSM71046.CEL:sTCC+CIS GSM71066.CEL:mTCC GSM71068.CEL:sTCC+CIS GSM71034.CEL:sTCC+CIS GSM71032.CEL:sTCC+CIS GSM71038.CEL:sTCC+CIS GSM71053.CEL:sTCC+CIS GSM71059.CEL:sTCC-CIS GSM71064.CEL:sTCC-CIS GSM71048.CEL:mTCC GSM71024.CEL:Normal GSM71040.CEL:mTCC GSM71062.CEL:sTCC+CIS GSM71041.CEL:mTCC GSM71050.CEL:mTCC GSM71039.CEL:mTCC GSM71060.CEL:mTCC GSM71061.CEL:sTCC+CIS GSM71028.CEL:sTCC+CIS GSM71037.CEL:mTCC GSM71054.CEL:mTCC GSM71035.CEL:sTCC+CIS GSM71043.CEL:sTCC+CIS GSM71063.CEL:sTCC+CIS GSM71042 CFI :sTCC-CIS GSM71056.CEL:sTCC-CIS GSM71036.CEL:sTCC-CIS GSM71055.CEL:sTCC-CIS GSM71031.CEL:sTCC-CIS GSM71058.CEL:sTCC-CIS GSM71045.CEL:sTCC-CIS GSM71033.CEL:sTCC-CIS GSM71065.CEL:sTCC-CIS GSM71049 CFI :sTCC-CIS GSM71029.CEL:sTCC-CIS GSM71069.CEL:Biopsy GSM71075.CEL:Biopsy GSM71070.CEL:Biopsy GSM71023.CEL:Normal GSM71019.CEL:Normal GSM71047.CEL:mTCC GSM71052.CEL:mTCC GSM71051.CEL:mTCC GSM71044.CEL:sTCC-CIS GSM71072.CEL:Biopsy GSM71071.CEL:Biopsy GSM71076.CEL:Biopsy GSM71022.CEL:Normal GSM71073.CEL:Biopsy GSM71021.CEL:Normal GSM71026.CEL:Normal GSM71020.CEL:Normal GSM71025.CEL:Normal GSM71074.CEL:Biopsy GSM71077.CEL:Biopsy