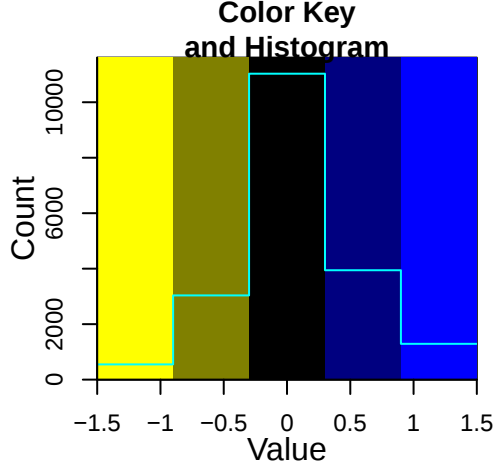
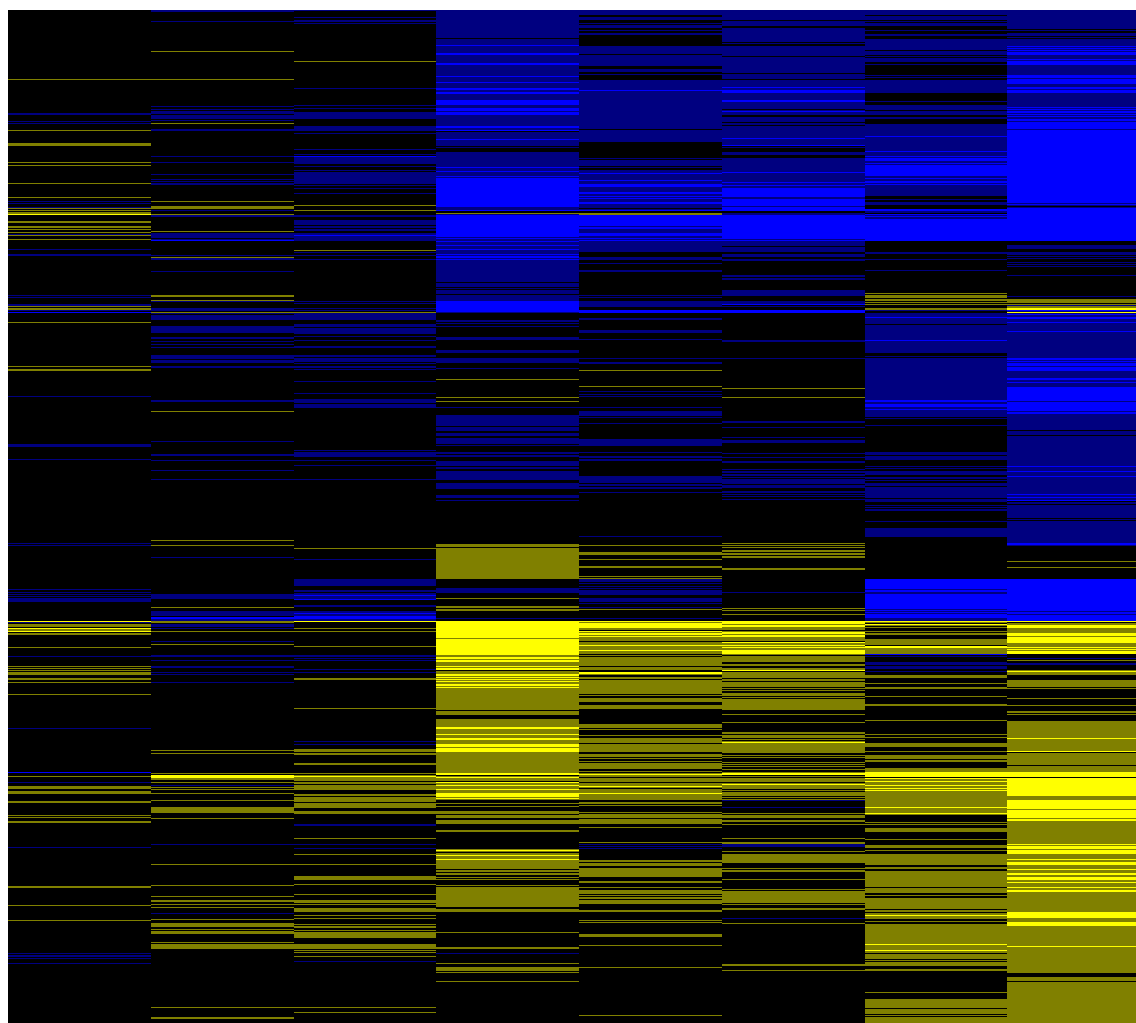
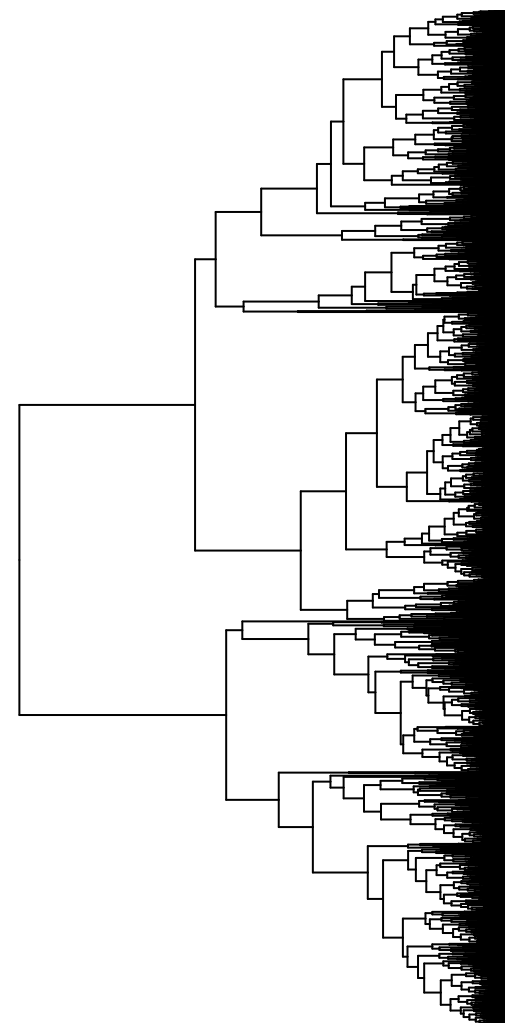
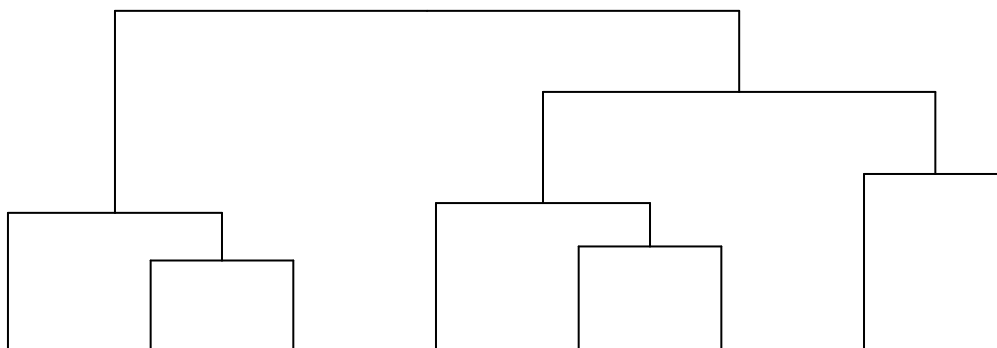




**Treatment/Control
Log2 Fold Change**



Vaccinated
No Challenge Day 1

Vaccinated
No Challenge Day 5

No Vaccine
Mild Day 5

No Vaccine
Severe Day 1

No Vaccine
Mild Day 1

Vaccinated
Challenged Day 1

Vaccinated
Challenged Day 5

No Vaccine
Severe Day 5