

Figures relates to the H3N2 calibration mixture

ADDITIONAL FILE 7

MP, replicate 2

Viral parent donor 1

Parent donor consensus sequence differences:

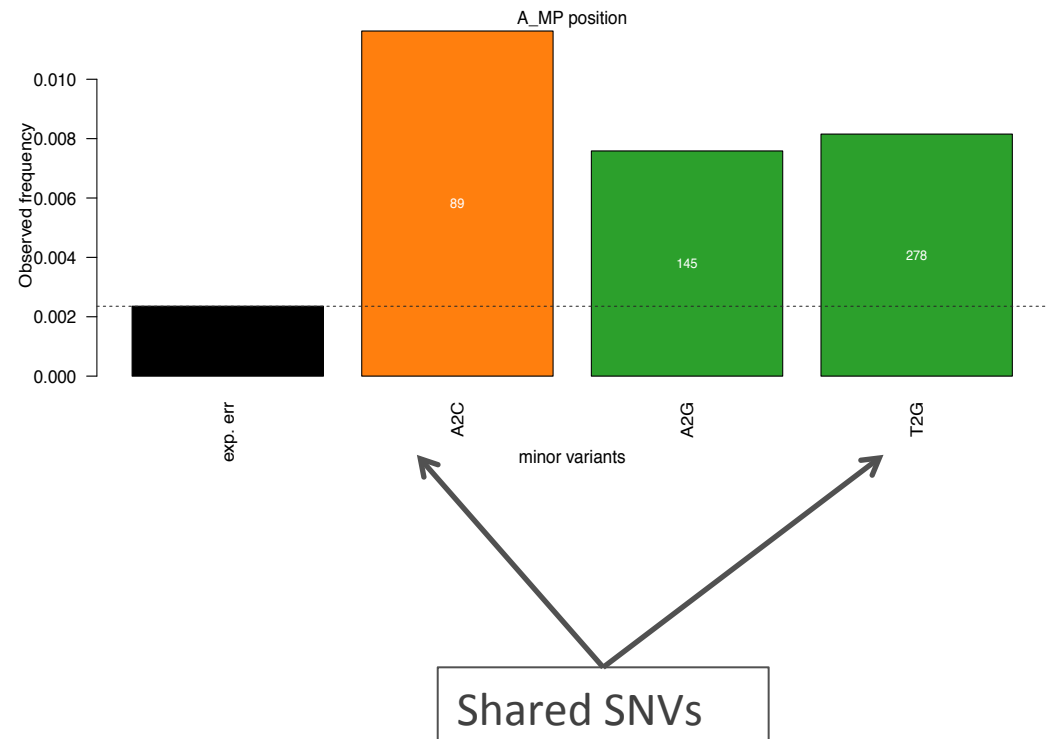
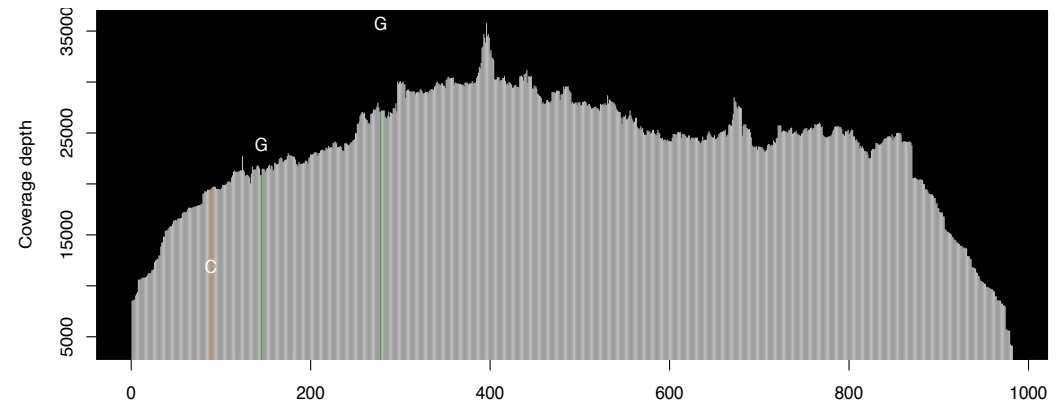
G561**A**

T693**C**

G763**T**

T841**C**

C842**T**



MP, replicate 2

Viral parent donor 2

Parent donor consensus sequence differences:

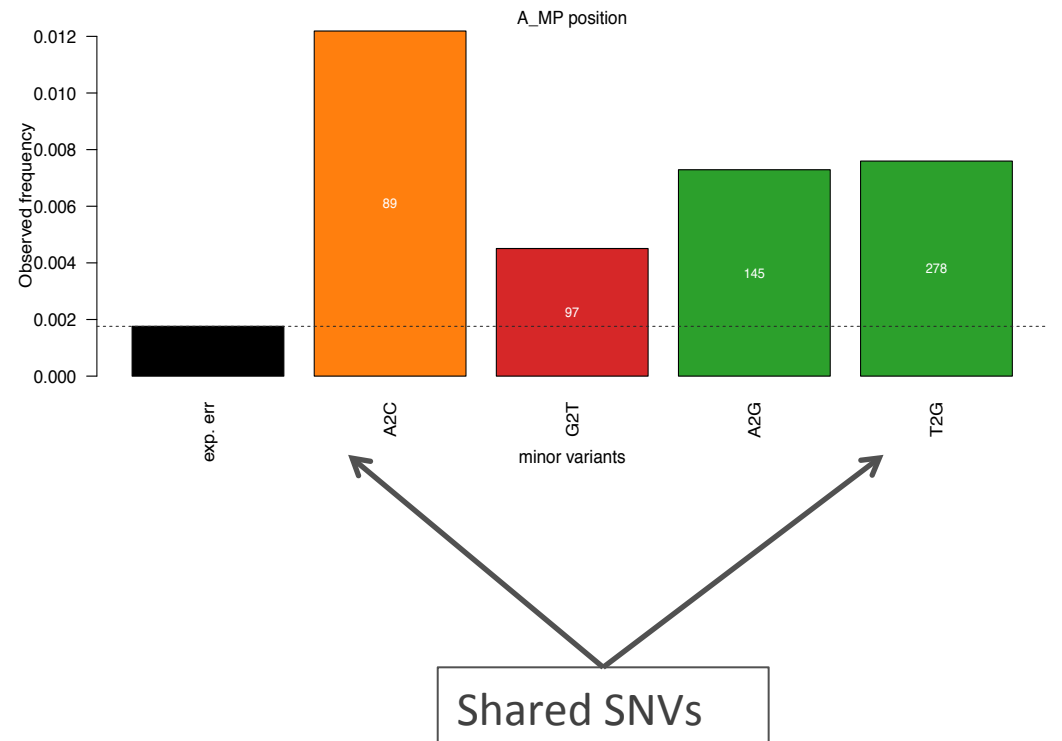
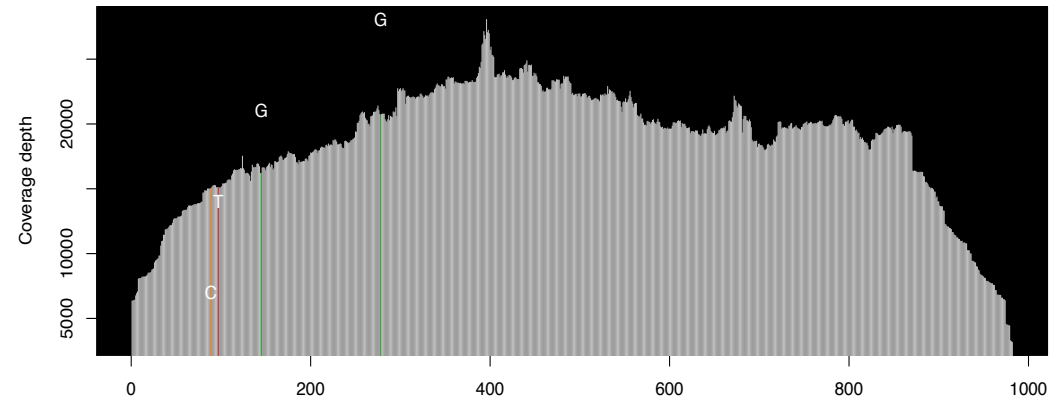
G561**A**

T693**C**

G763**T**

T841**C**

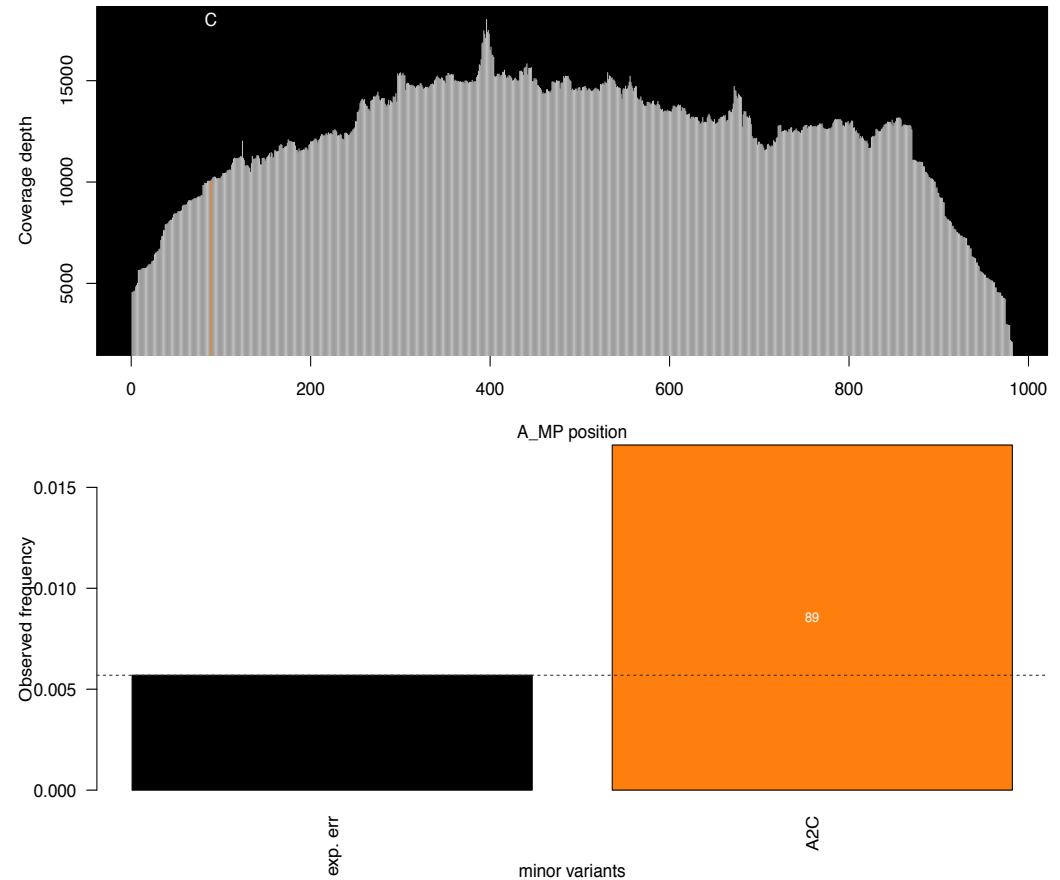
C842**T**



MP, replicate 2

99.5% to 0.5%

SNVs for the minority phase were not called in replicate 2 due to calling criteria and the available statistical support for the observations.



MP, replicate 2

Mix of 99% to 1%

Majority phase: GTGTC

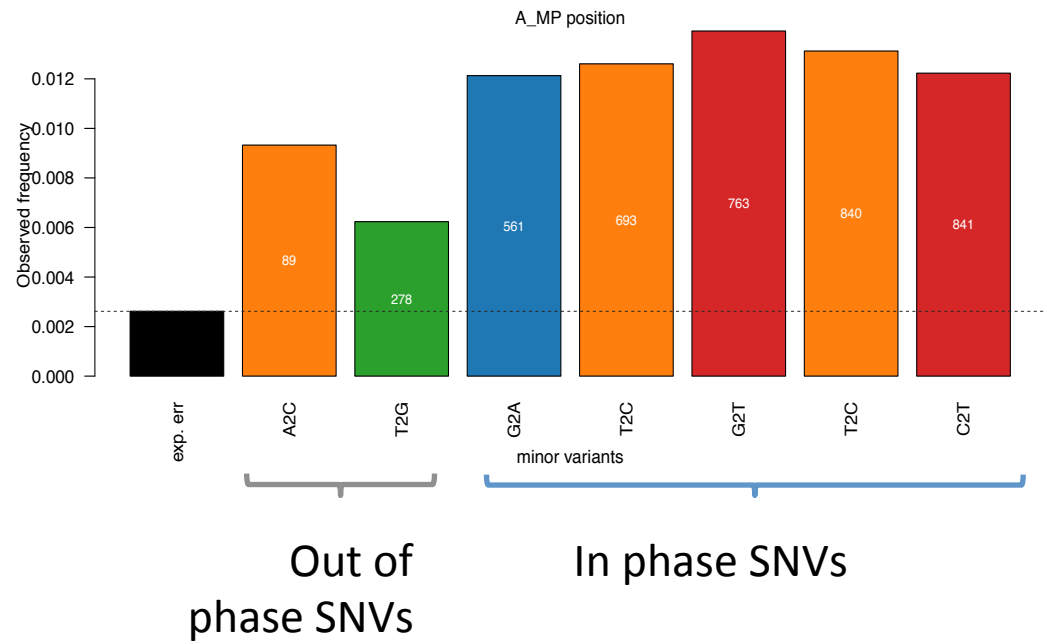
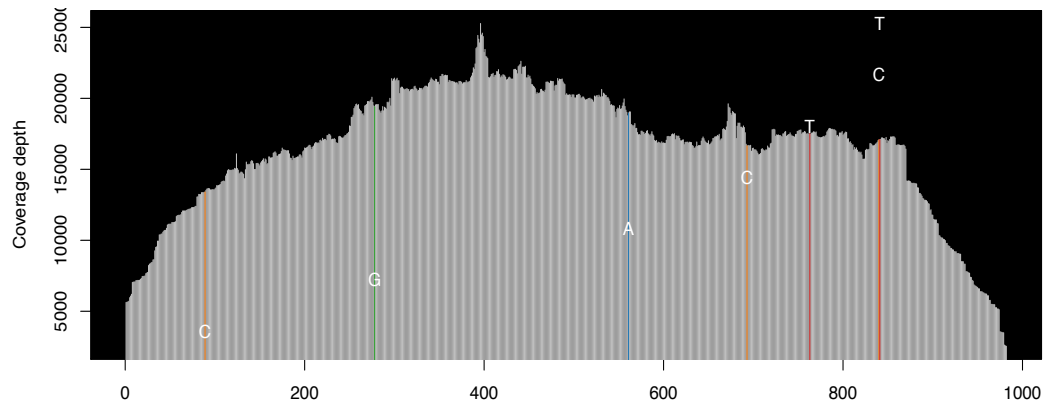
Variant phase: ACTCT

Shared SNVs:

89C

278G

1%



MP, replicate 2

Mix of 99% to 1%

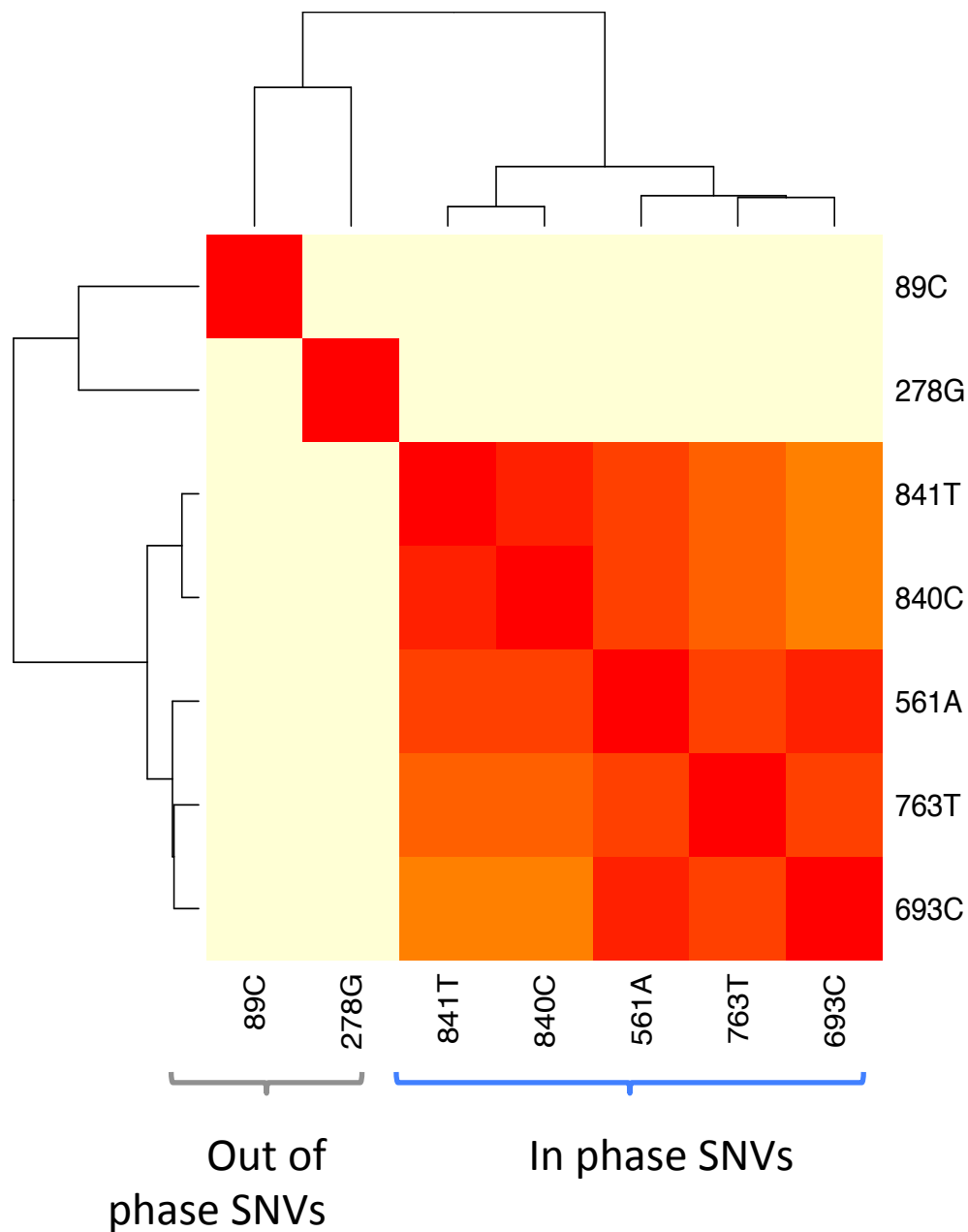
Majority phase: GTGTC

Variant phase: ACTCT

Shared SNVs:

89C

278G



MP, replicate 2

Mix of 98% to 2%

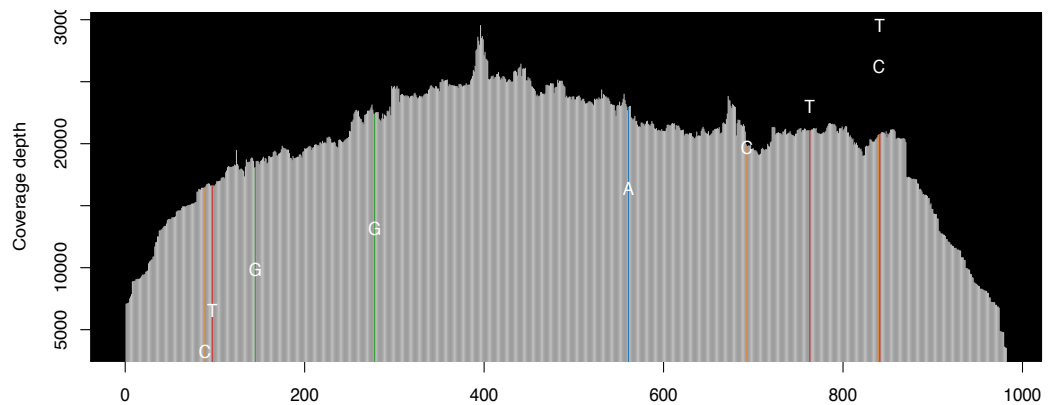
Majority phase: GTGTC

Variant phase: ACTCT

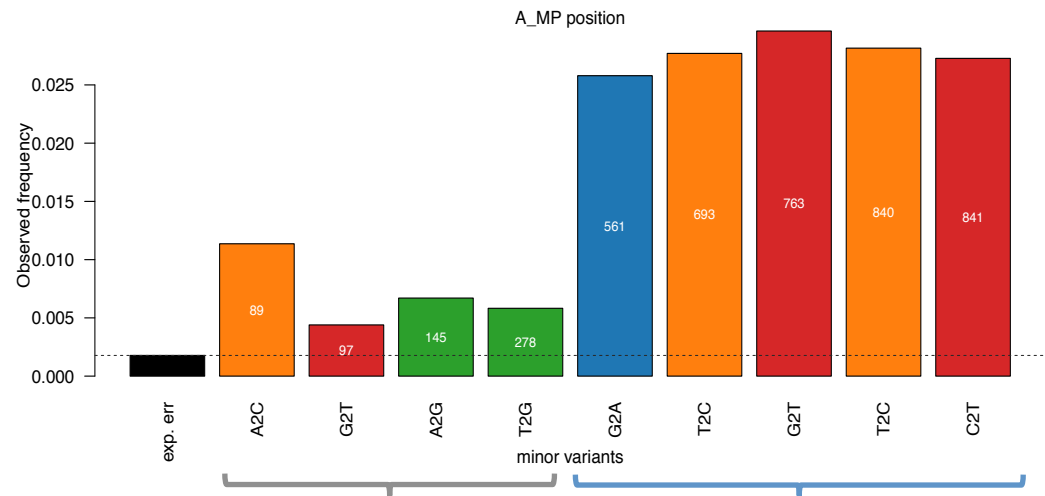
Shared SNVs:

89C

278G



2%



Out of
phase SNVs

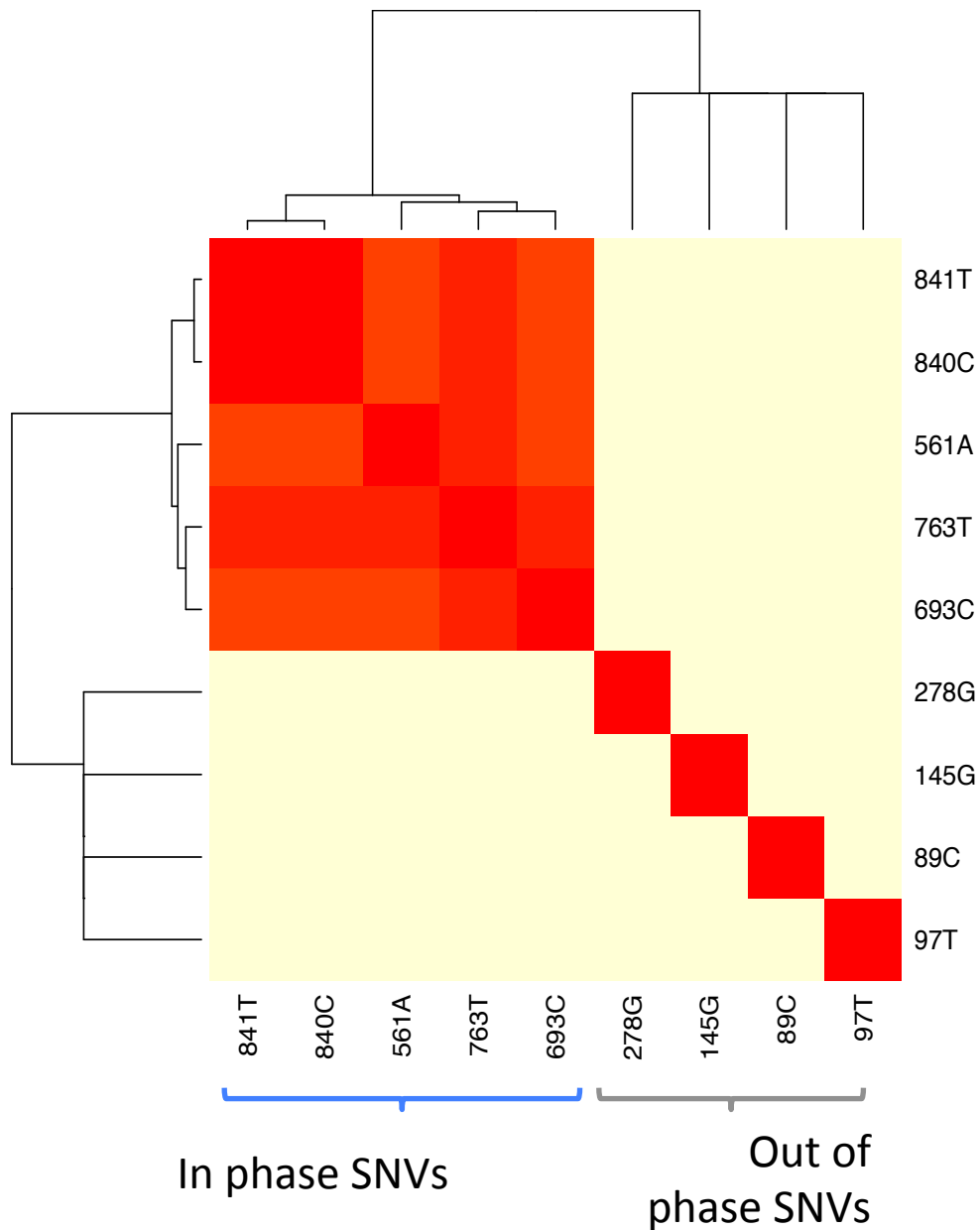
In phase SNVs

Mix of 98% to 2%

Variant phase: ACTCT

89C

278G



MP, replicate 2

Mix of 95% to 5%

Majority phase: GTGTC

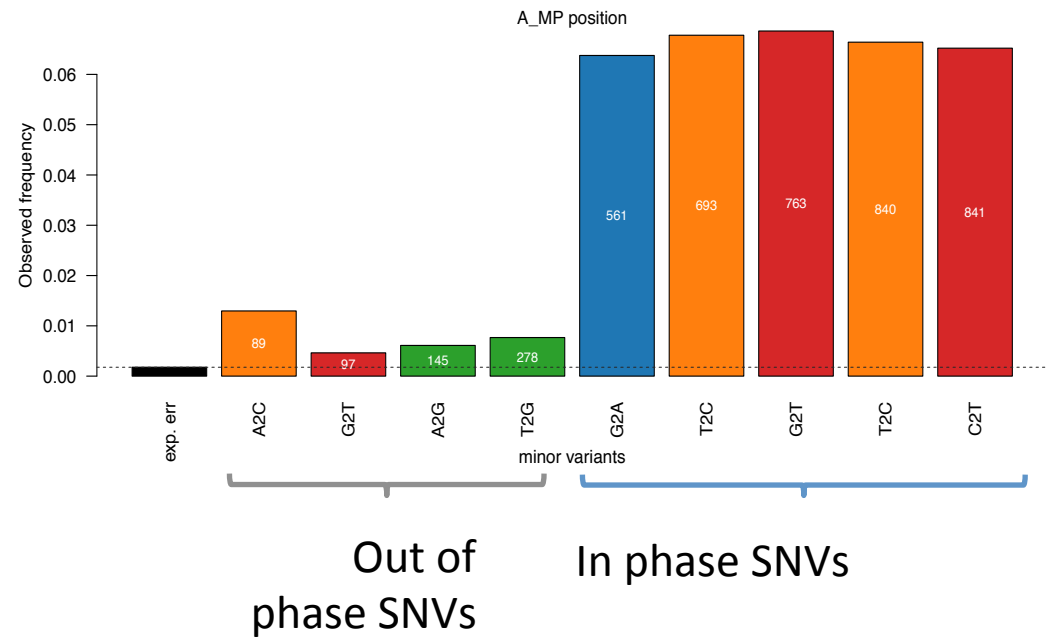
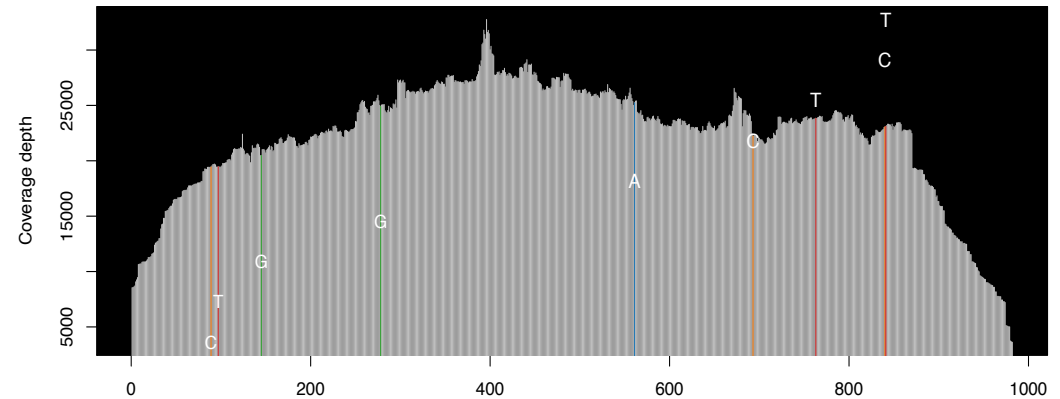
Variant phase: ACTCT

Shared SNVs:

89C

278G

5%



MP, replicate 2

Mix of 95% to 5%

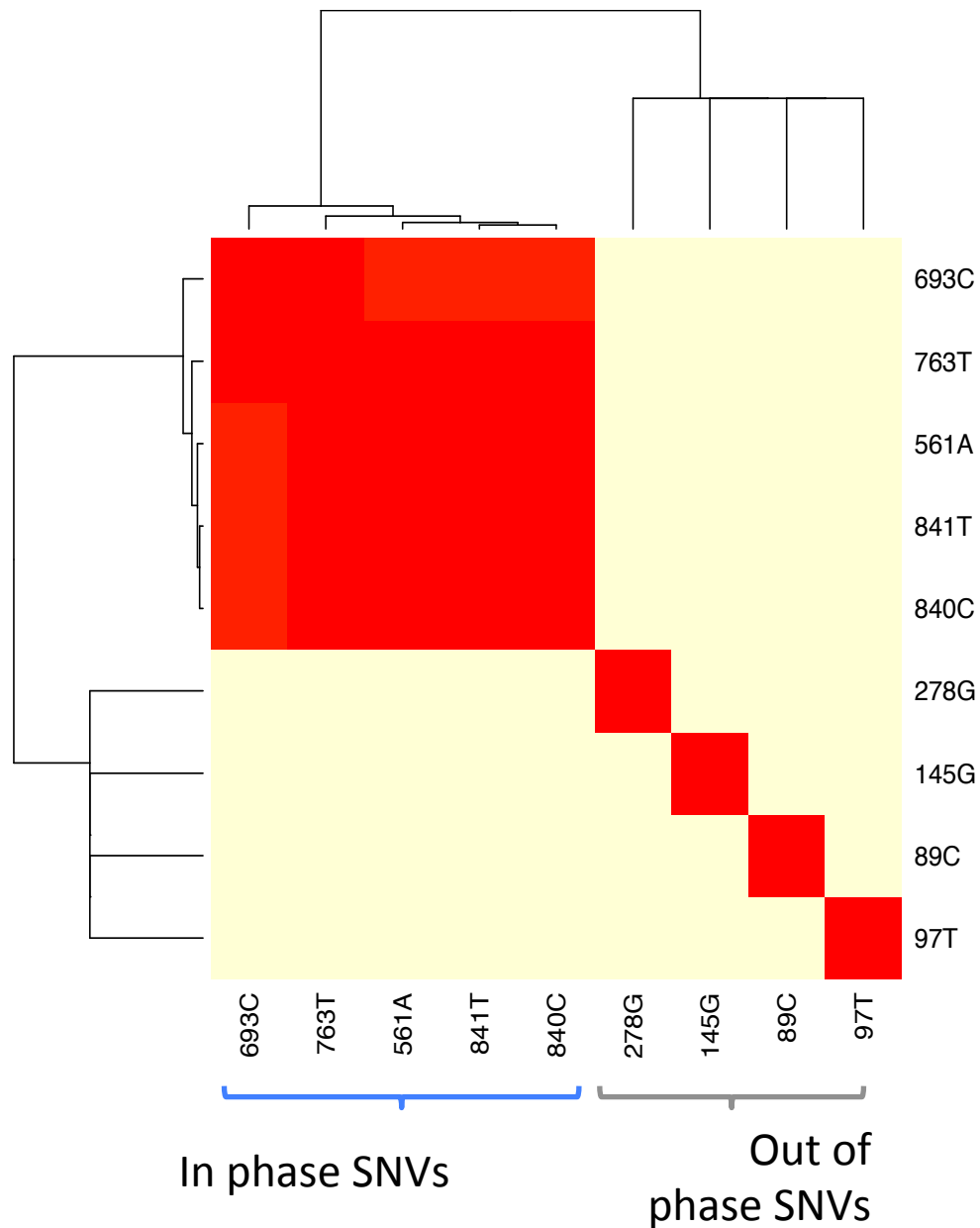
Majority phase: GTGTC

Variant phase: ACTCT

Shared SNVs:

89C

278G



MP, replicate 2

Mix of 90% to 10%

Majority phase: GTGTC

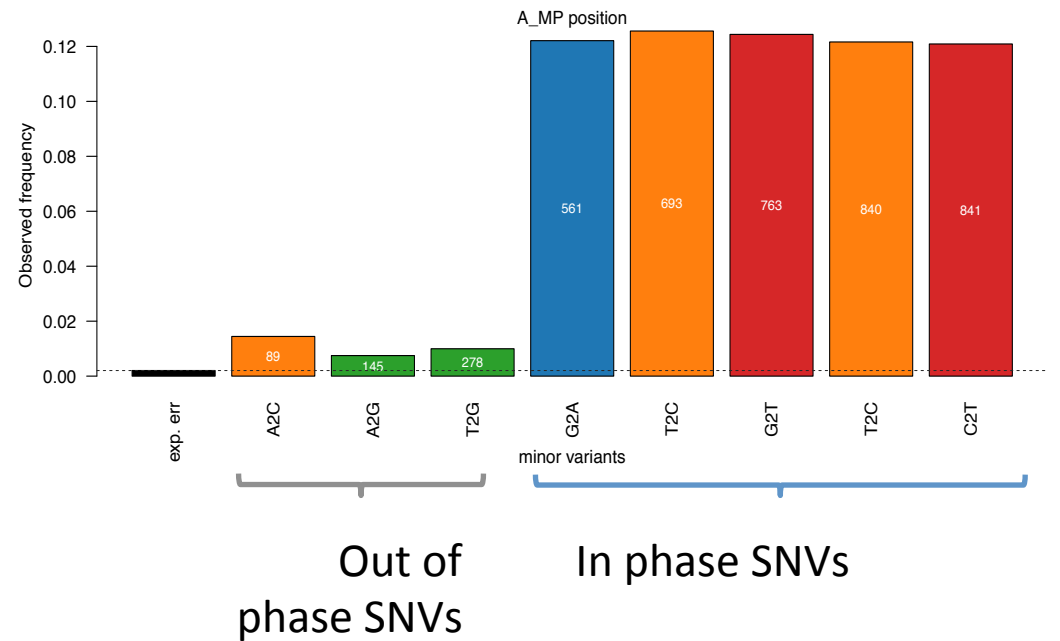
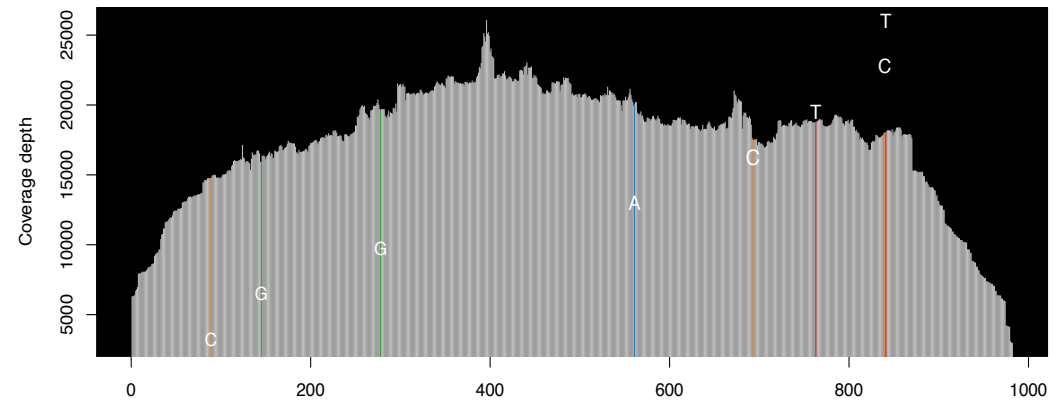
Variant phase: ACTCT

Shared SNVs:

89C

278G

10%



MP, replicate 2

Mix of 90% to 10%

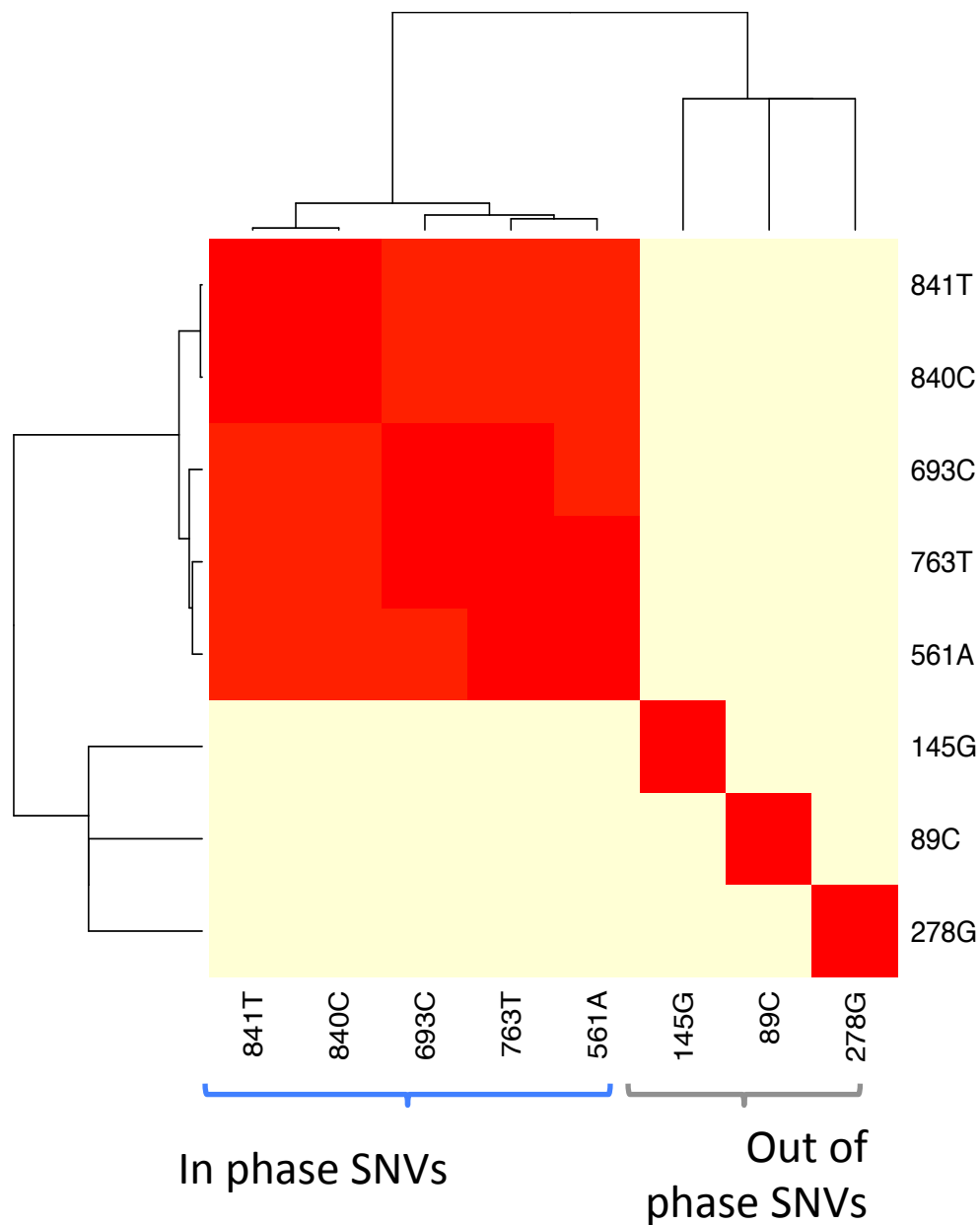
Majority phase: GTGTC

Variant phase: ACTCT

Shared SNVs:

89C

278G



MP, replicate 2

Mix of 80% to 20%

Majority phase: GTGTC

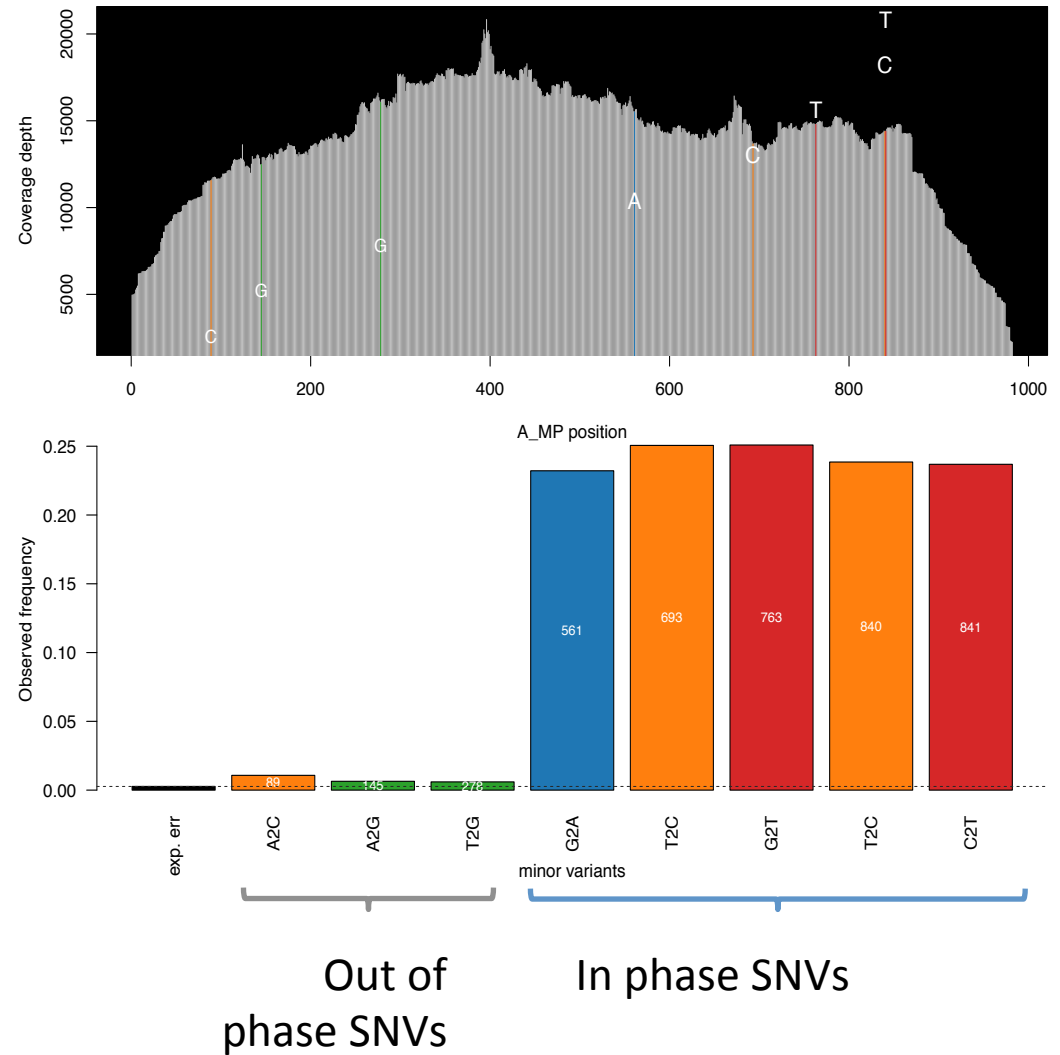
Variant phase: ACTCT

Shared SNVs:

89C

278G

20%



MP, replicate 2

Mix of 80% to 20%

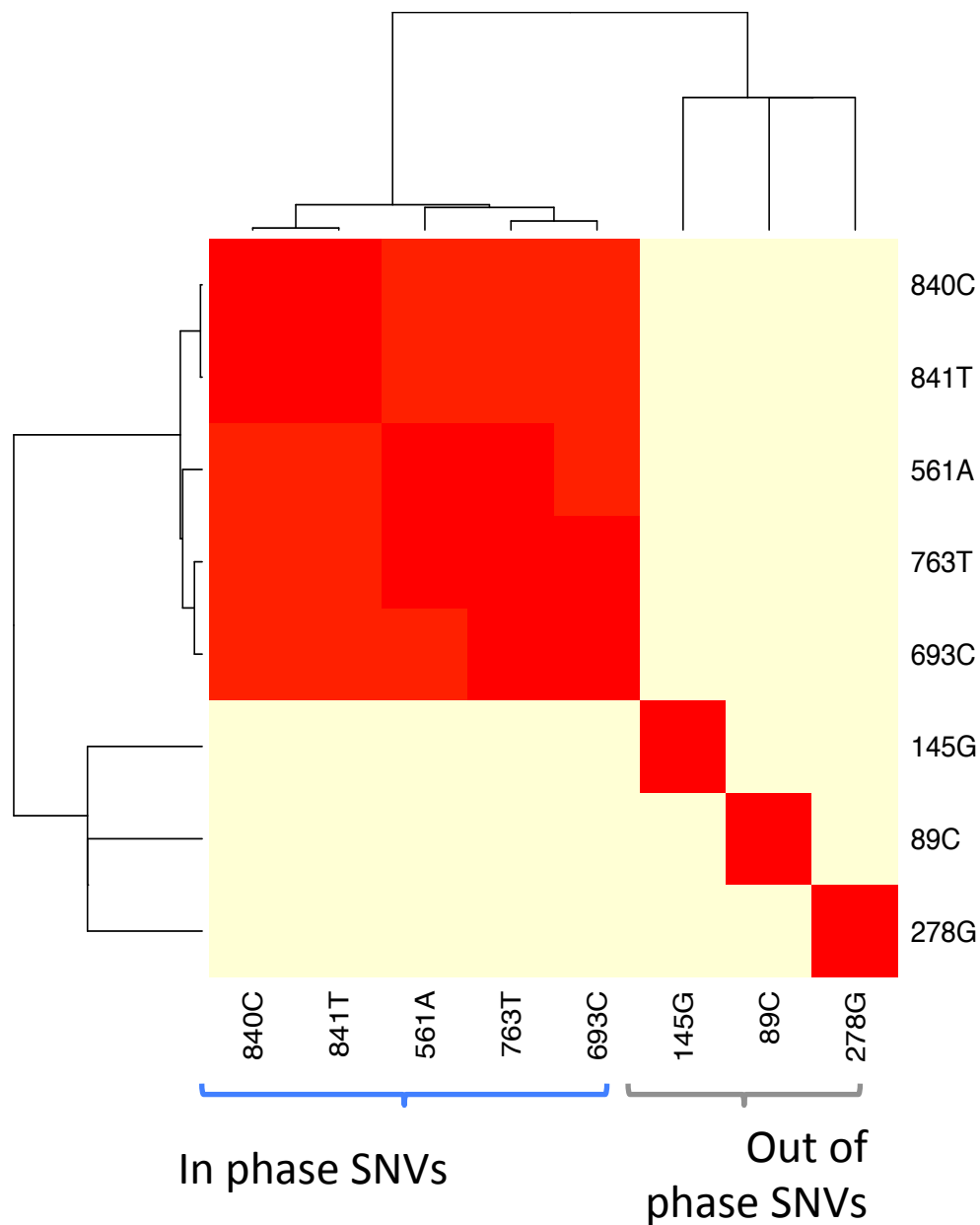
Majority phase: GTGTC

Variant phase: ACTCT

Shared SNVs:

89C

278G



MP, replicate 2

Mix of 50% to 50%

Donor 1 phase: GTGTC

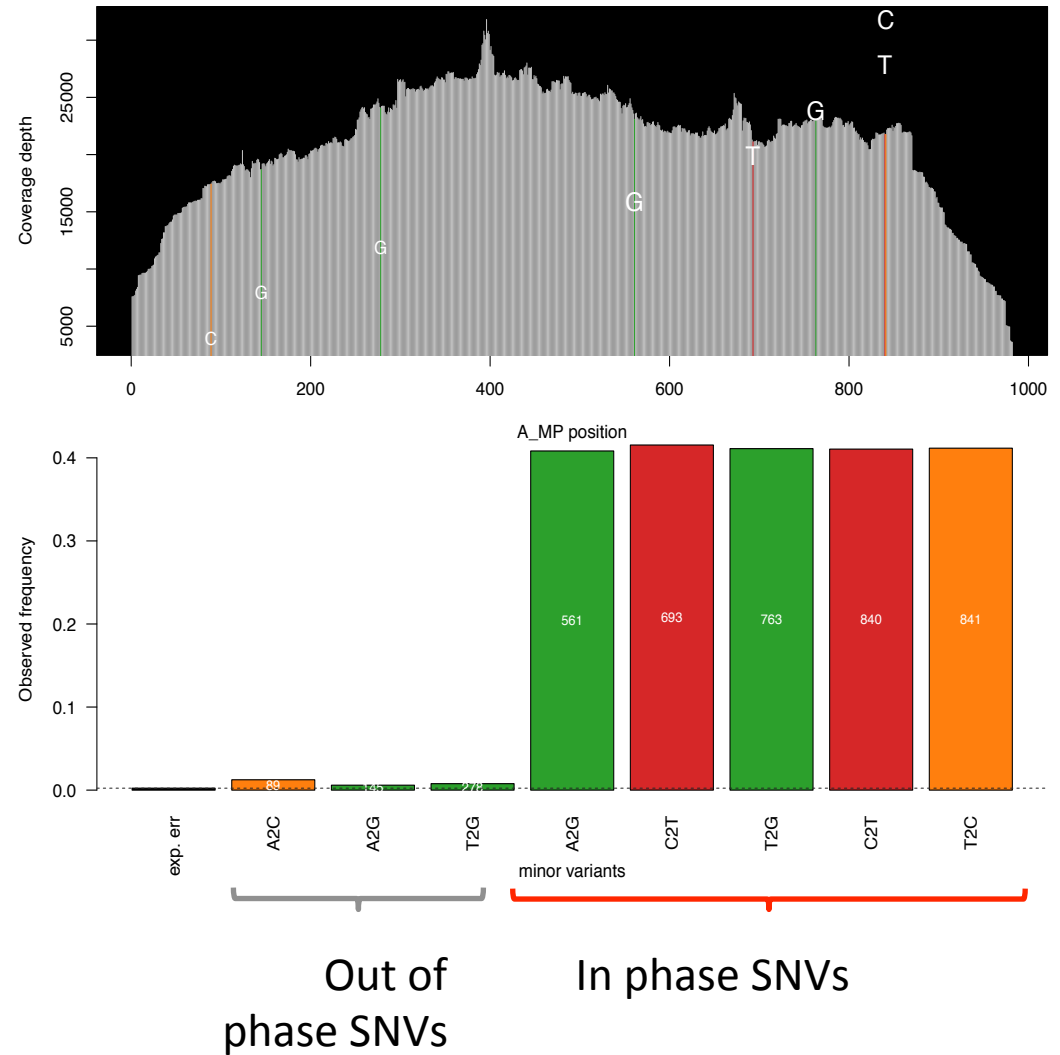
Donor 2 phase: ACTCT

Shared SNVs:

89C

278G

>40%

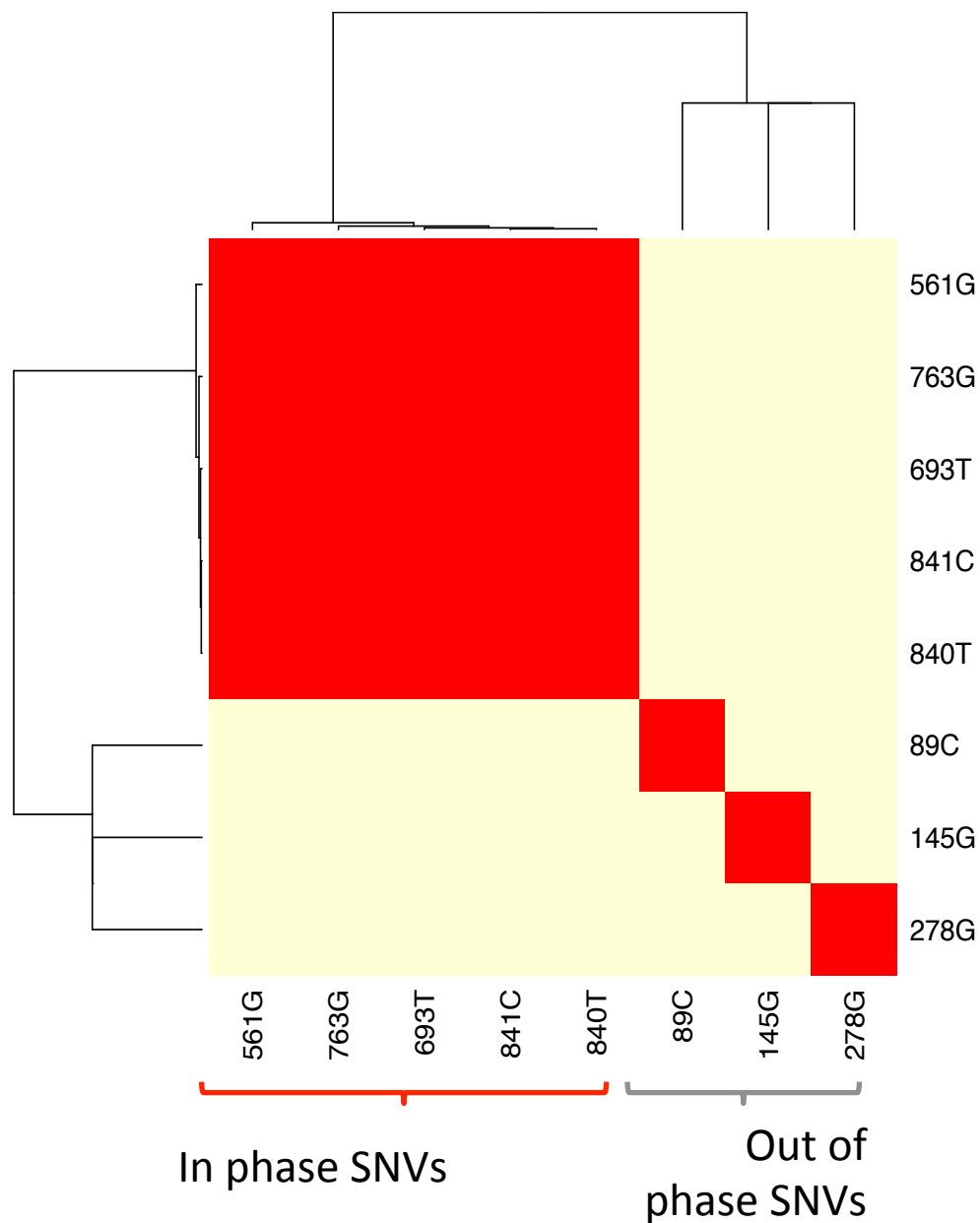


Mix of 50% to 50%

Donor 2 phase: ACTCT

89C

278G



MP, replicate 2

Mix of 25% to 75%

Variant phase: GTGTC

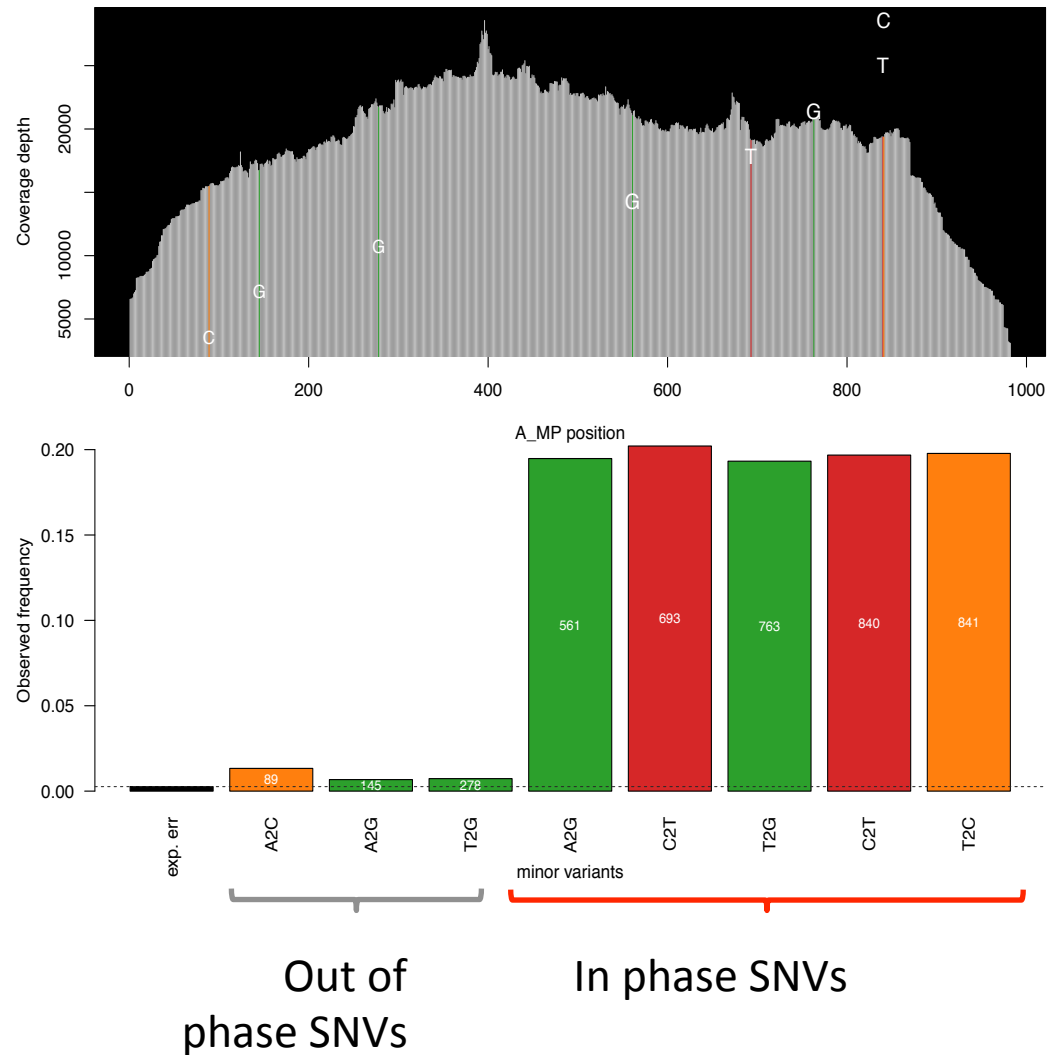
Majority phase: ACTCT

Shared SNVs:

89C

278G

25%



Mix of 25% to 75%

Majority phase: ACTCT

89C

278G

