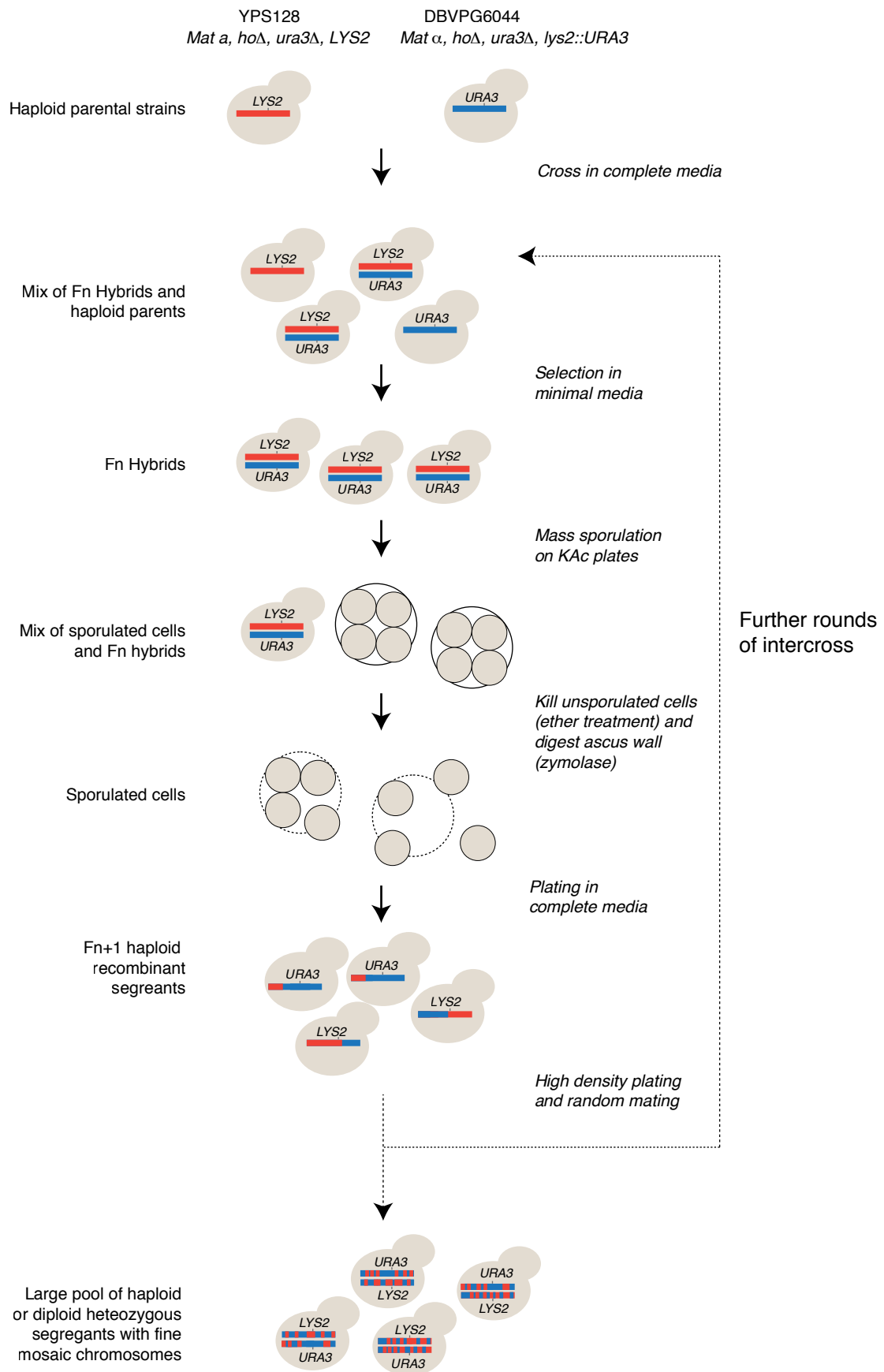
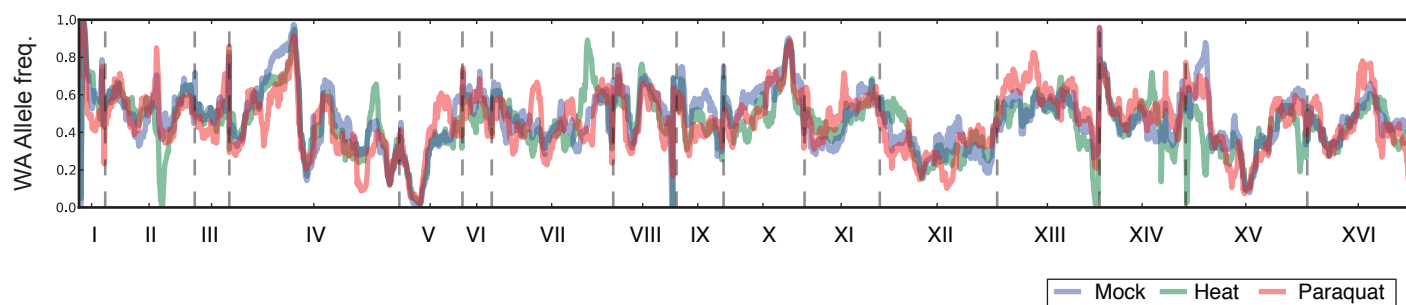
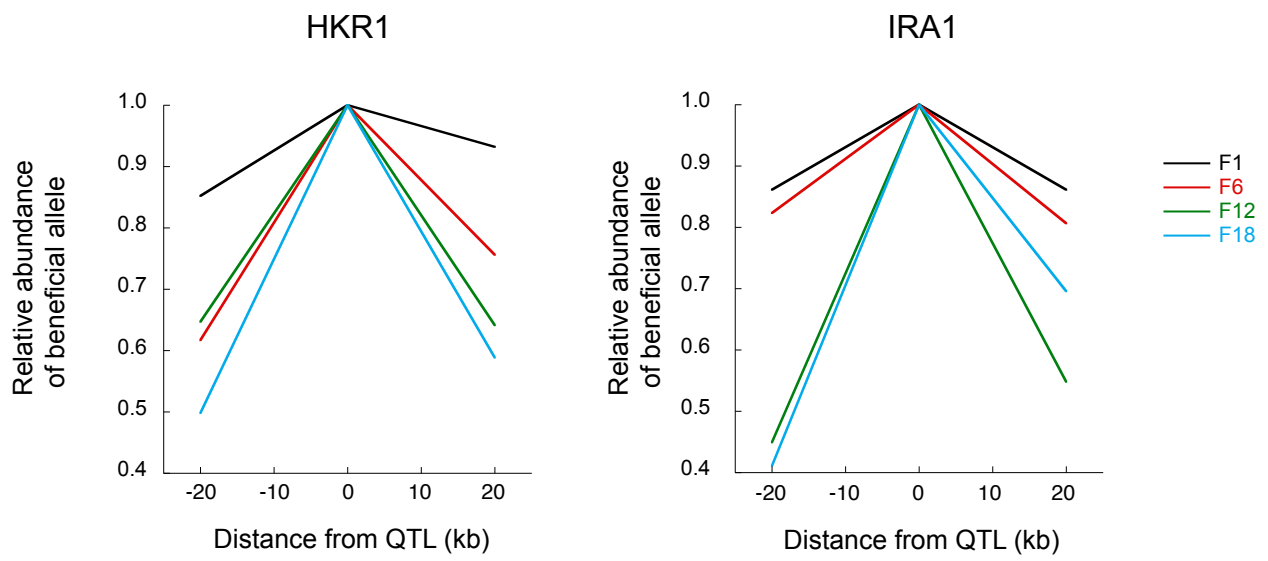




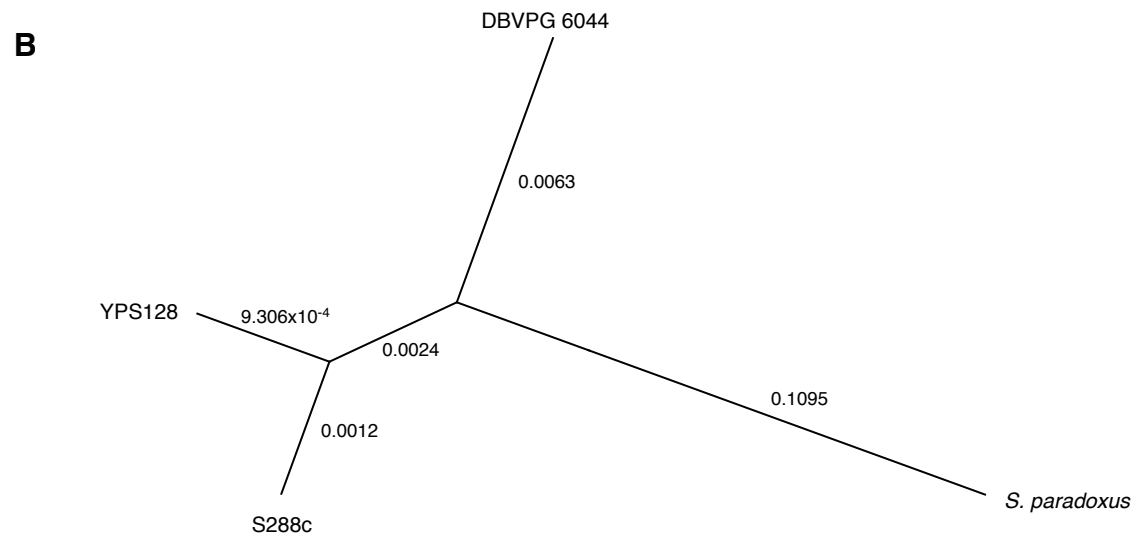
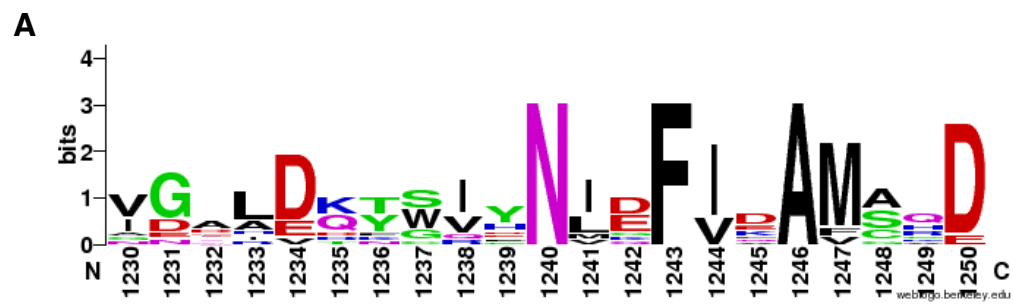
Supplementary Figure 1



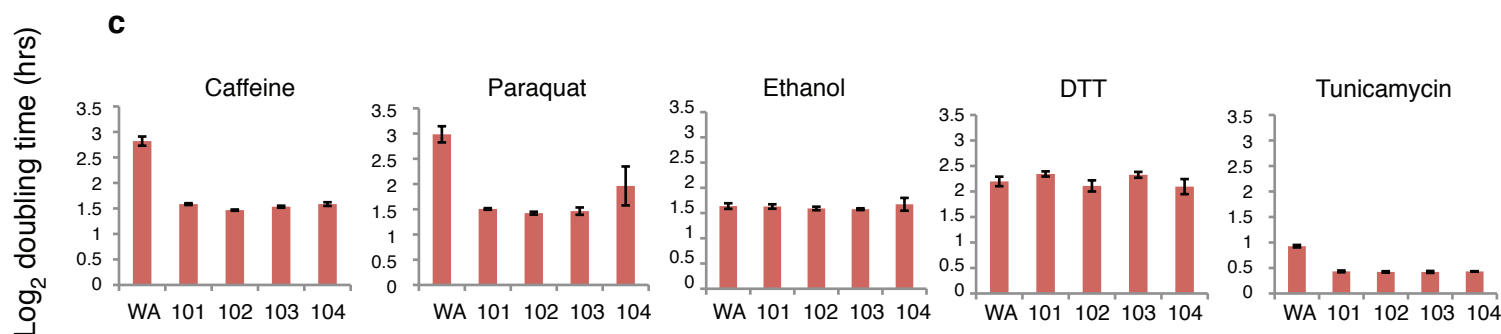
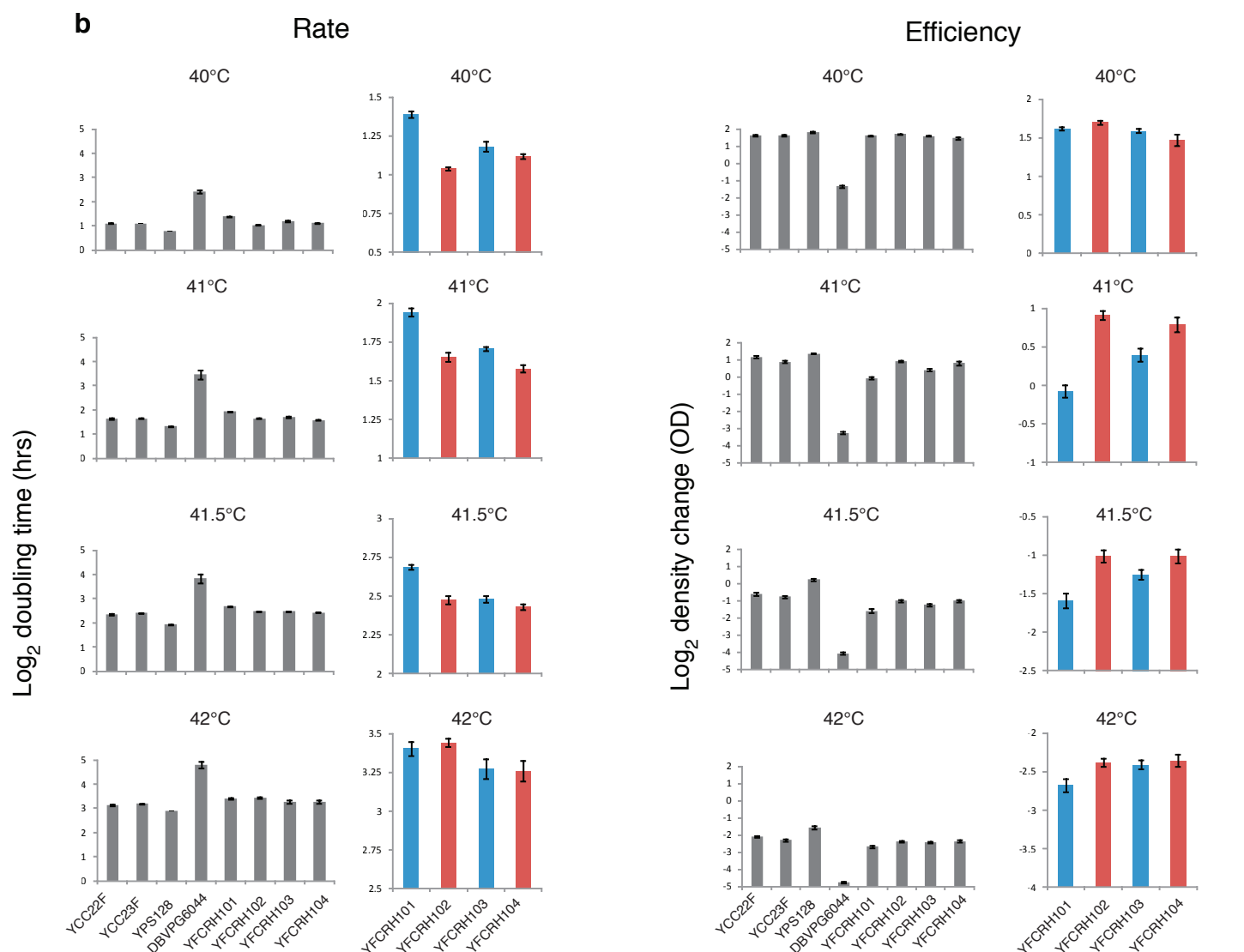
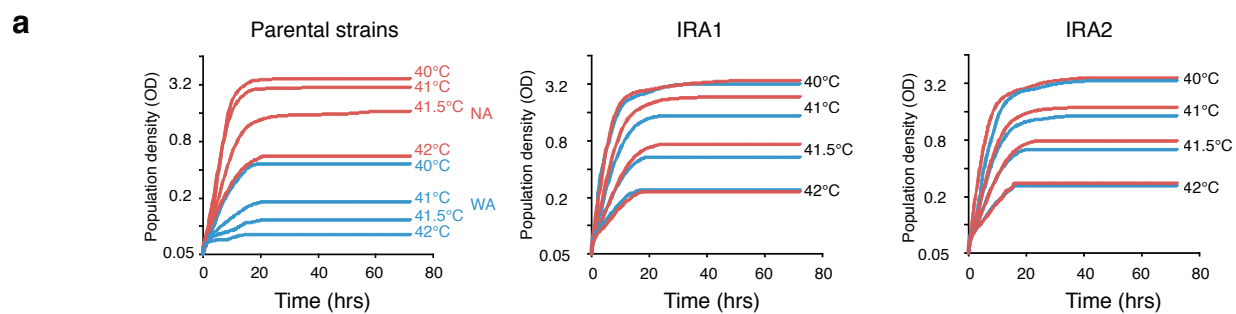
Supplementary Figure 2



Supplementary Figure 3



Supplementary Figure 4



Supplementary Figure 5

Legend:

YCC22F F1 hybrid

YCC23F F1 hybrid

YPS128 NA parent

DBVPG6044 WA parent

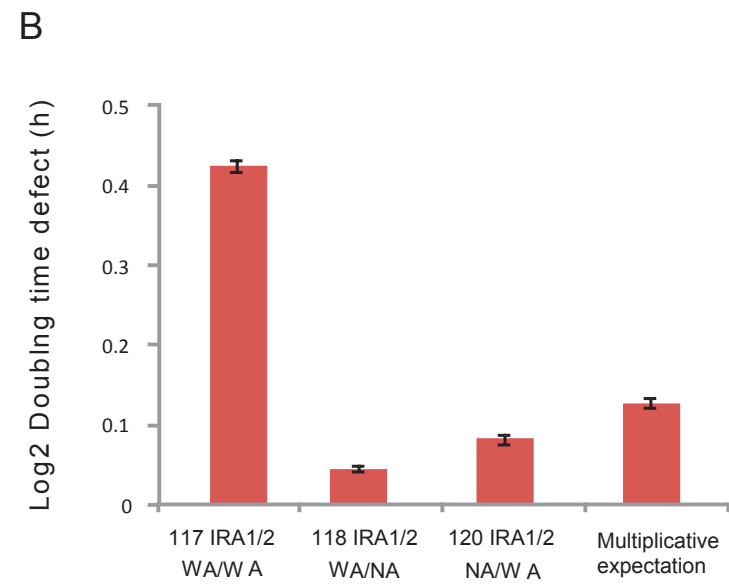
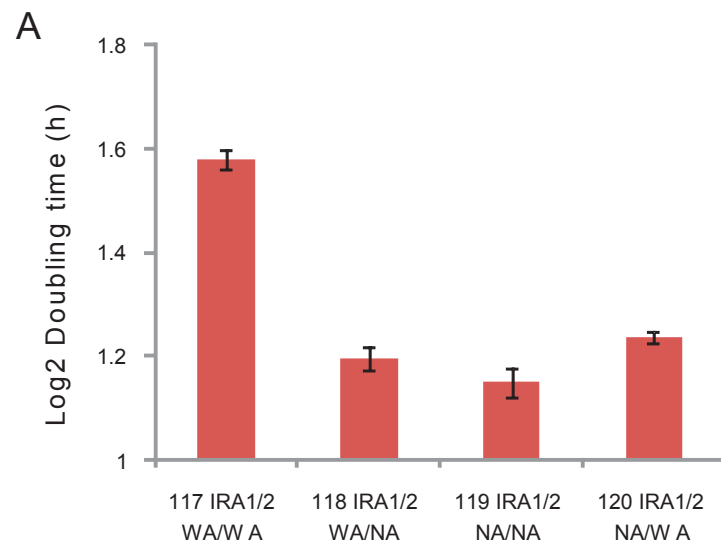
Reciprocal hemizygous:

YFCRH101 IRA1 na/wa

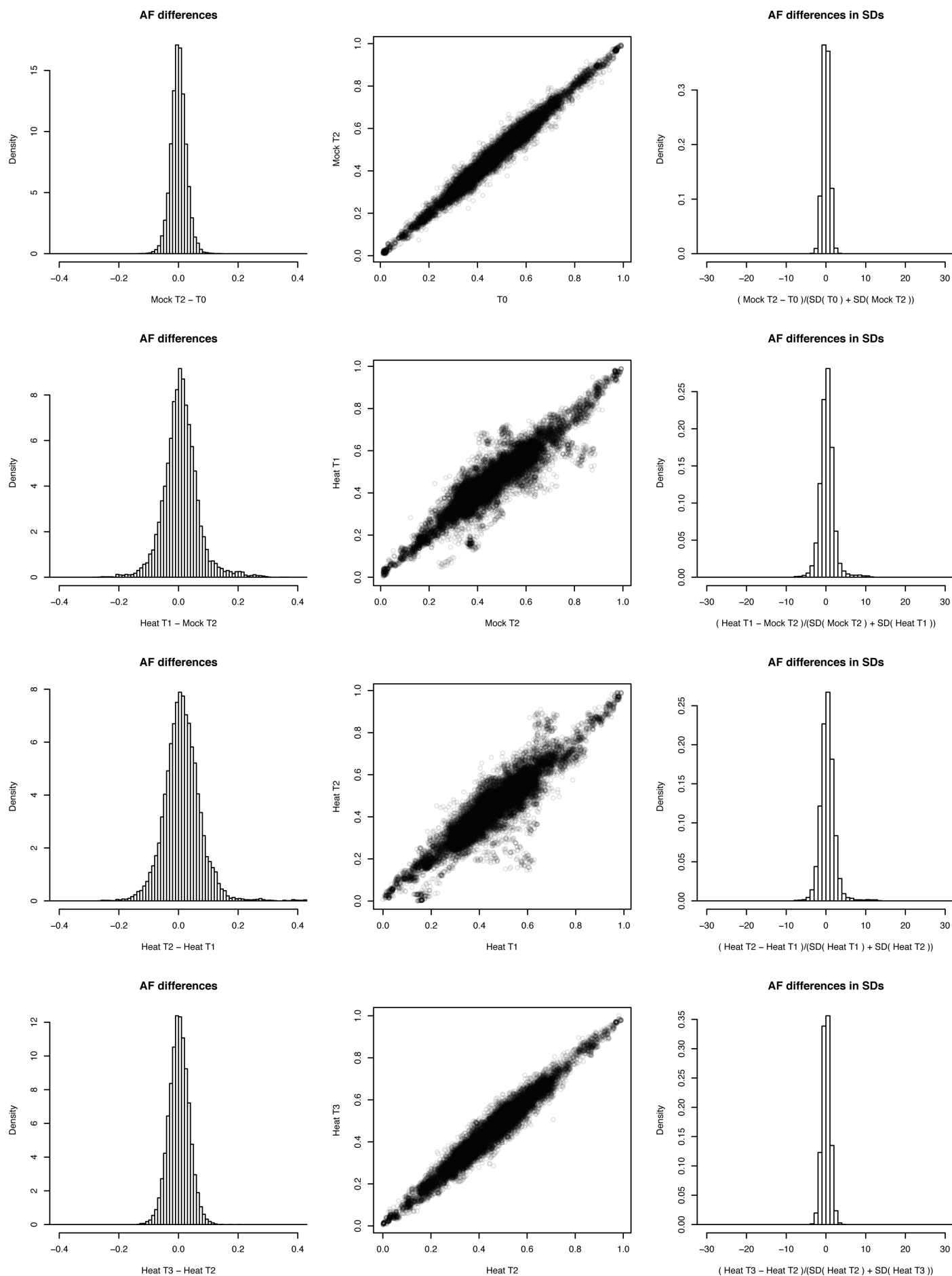
YFCRH102 IRA1 NA/wa

YFCRH103 IRA2 na/wa

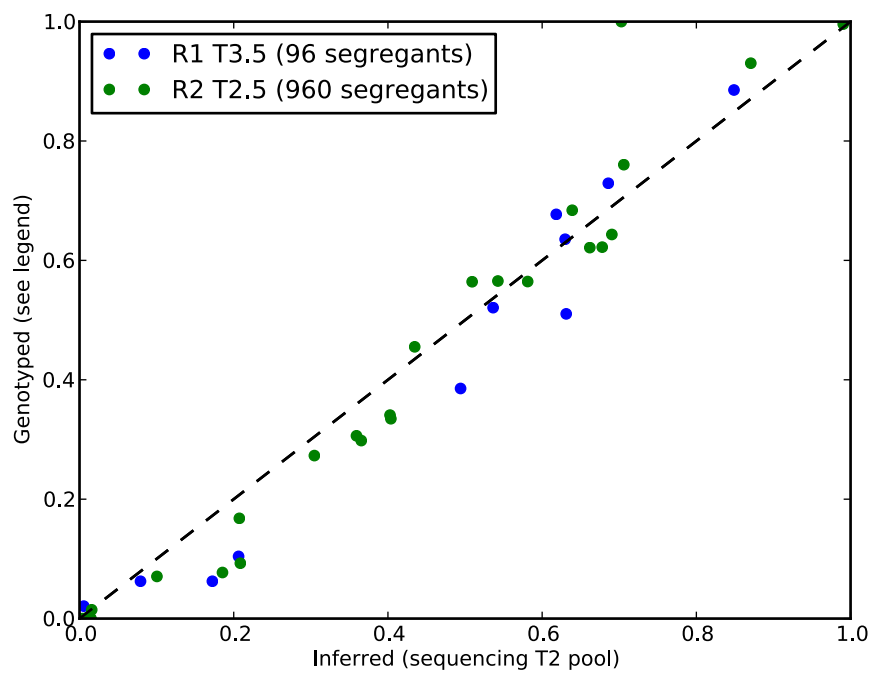
YFCRH104 IRA2 NA/wa



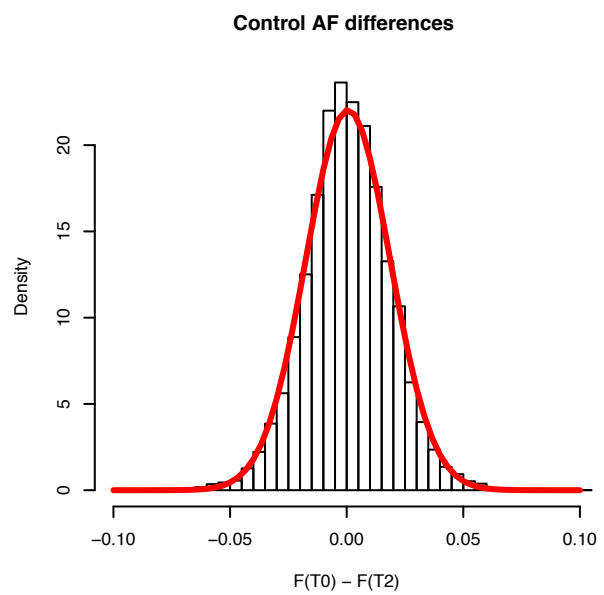
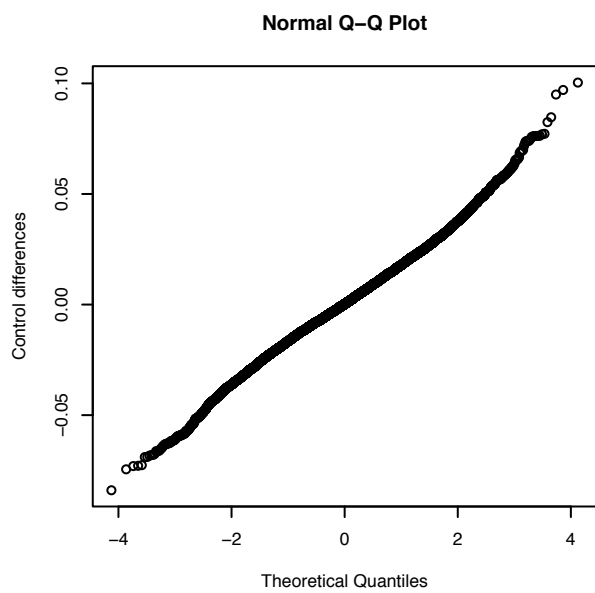
Supplementary Figure 6



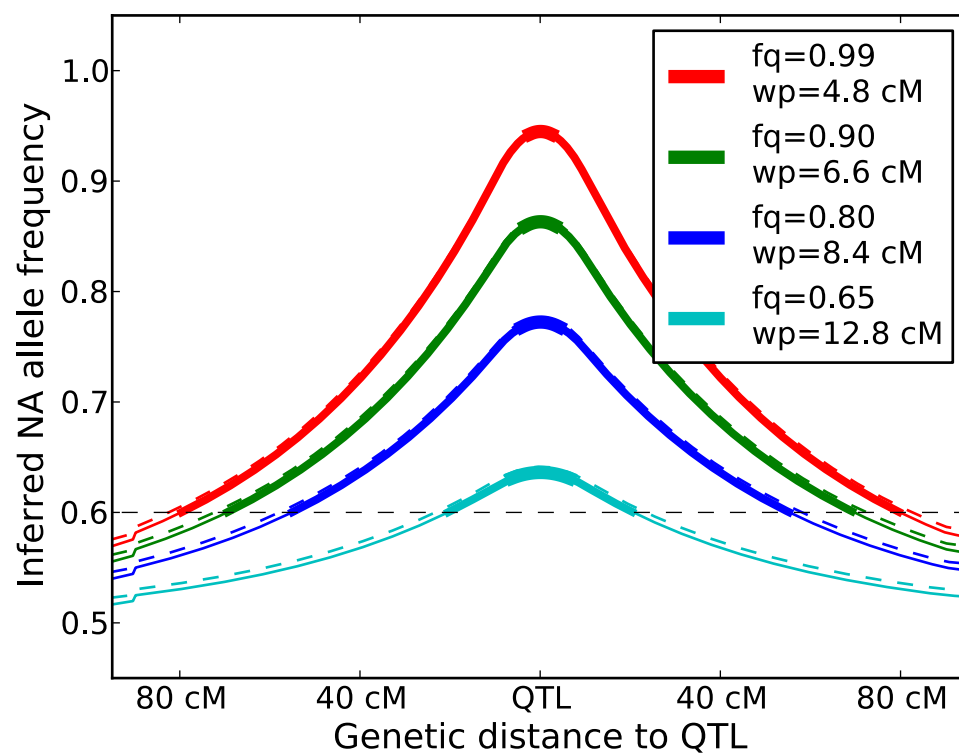
Supplementary Figure 7



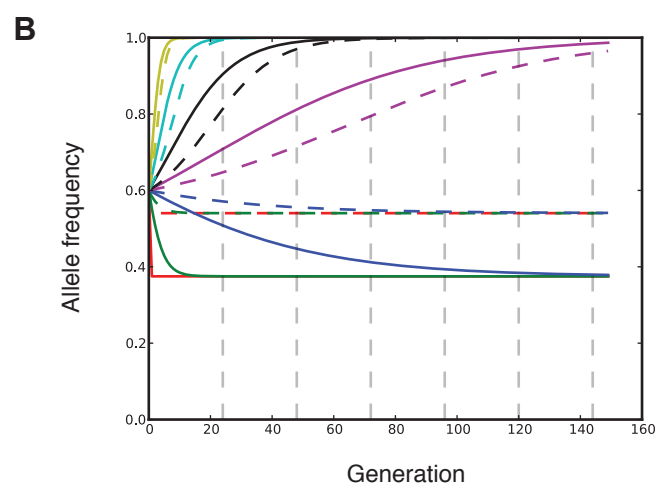
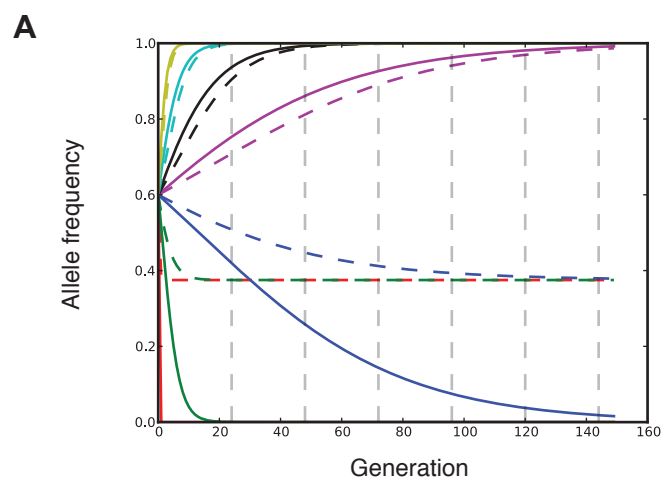
Supplementary Figure 8



Supplementary Figure 9



Supplementary Figure 10



Supplementary Figure 11