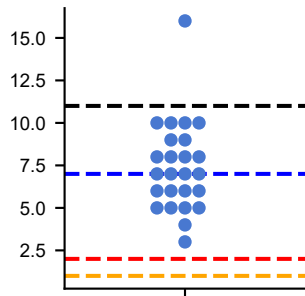


a

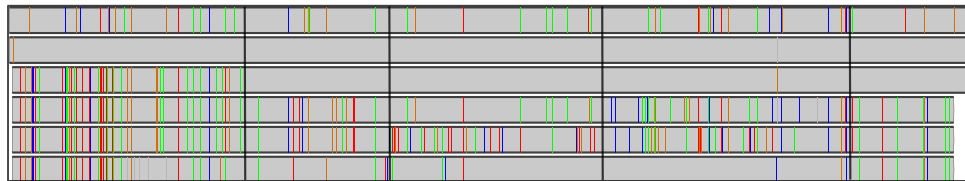
devider HIV-1 co-infection results (2 major strains, 32.3% + 60.0% abundance)

**b**devider mussel-bacteria symbiont
haplotyping (n = 25 candidate regions)Predicted # of haplotypes
per region

- Published estimate (11 haplotypes)
- devider median (7 haplotypes)
- igda median (2 haplotypes)
- rvhaplo (1 haplotypes)

c Haplotypes from AMR-enriched metagenome (with recombination blocks)

CfxA2 (beta lactamase) - 6 haplotypes



tet(Q) (tetracycline resistance) - 13 haplotypes

