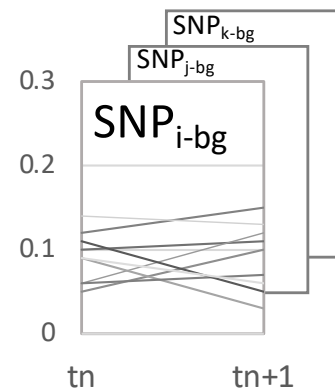
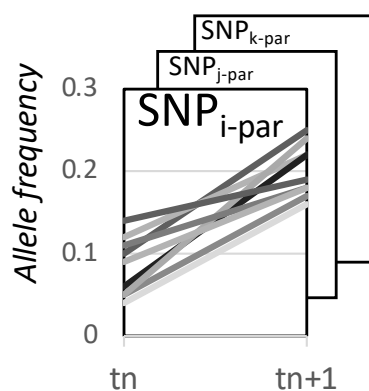


9 training cages



1. identify SNPs that shift in parallel and matched background SNPs

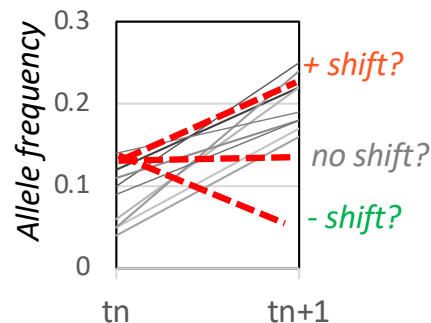


1 held-out cage



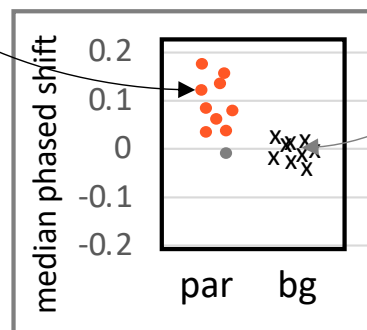
2. At each SNP, measure direction and magnitude of shift in 10<sup>th</sup> cage

SNP <sub>i-par</sub>	+0.15
SNP <sub>j-par</sub>	+0.10
SNP <sub>k-par</sub>	+0.03
...	...



SNP <sub>i-bg</sub>	-0.02
SNP <sub>j-bg</sub>	+0.05
SNP <sub>k-bg</sub>	-0.03
...	...

3. Compare median shift across all parallel SNPs to median for background SNPs; repeat for all cages



4. Repeat steps 2-3 for other time segments

