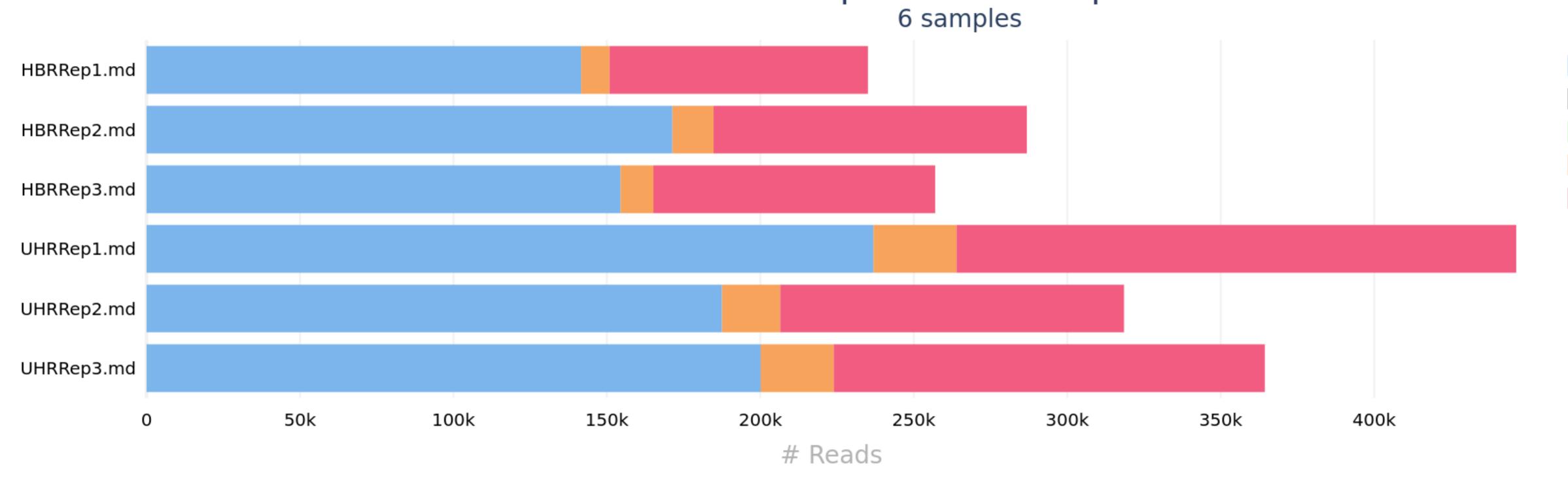
## GATK4 MarkDuplicates: Deduplication Stats



**Unique Pairs** 

Unmapped

Unique Unpaired

**Duplicate Pairs Optical** 

**Duplicate Pairs Nonoptical**