

## Mapping Reads to Reference

**331126 + 0 in total (QC-passed reads + QC-failed reads)**

**0 + 0 duplicates**

**328217 + 0 mapped (99.12%:-nan%)**

**331126 + 0 paired in sequencing**

**165563 + 0 read1**

**165563 + 0 read2**

**325972 + 0 properly paired (98.44%:-nan%)**

**326568 + 0 with itself and mate mapped**

**1649 + 0 singletons (0.50%:-nan%)**

**0 + 0 with mate mapped to a different chr**

**0 + 0 with mate mapped to a different chr (mapQ>=5)**