

Input

Unique Alignments

QA

Tally

Ignore Picard
Duplicates

Mask Simple
Repeats

Require >13
Map Quality

Require > 23
Base Quality

Call

At least two alt
reads

At least 4% alt
read fraction

Binomial Likelihood Ratio
Test:
 $p(\text{var}) = 0.2 /$
 $p(\text{error}) = 0.001$

Post Filter

Minimum Variant
Count in
Neighborhood

dbSNP positions not
considered;
mostly useful for WGS

Output

Variants