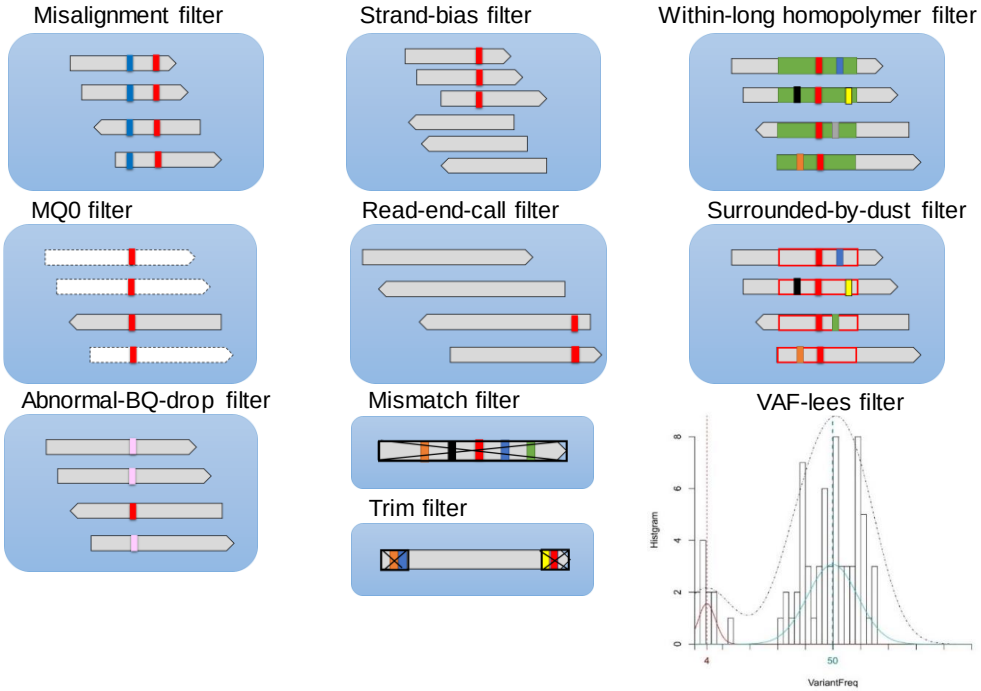
cisMuton

- Prep filters: mapping-quality and base-quality filters
- Variant extraction: Fisher's exact test
  - *P*-value, proportion ratio (~odds ratio), FG count
- Noise filter set 1
  - Misalignment filter
  - Strand-bias filter
  - Within-long homopolymer filter
  - MQ0 filter
  - Read-end-call filter
  - Surrounded-by-dust filter
  - Abnormal-BQ-drop filter (for Ion indels only)
- Noise filter set 2
  - Second Fisher filter
    - Erroneous-read filter and trimming filter
- Noise filter set 3
  - VAF-lees filter



(Kato et al, 2018, *Genome Medicine*)