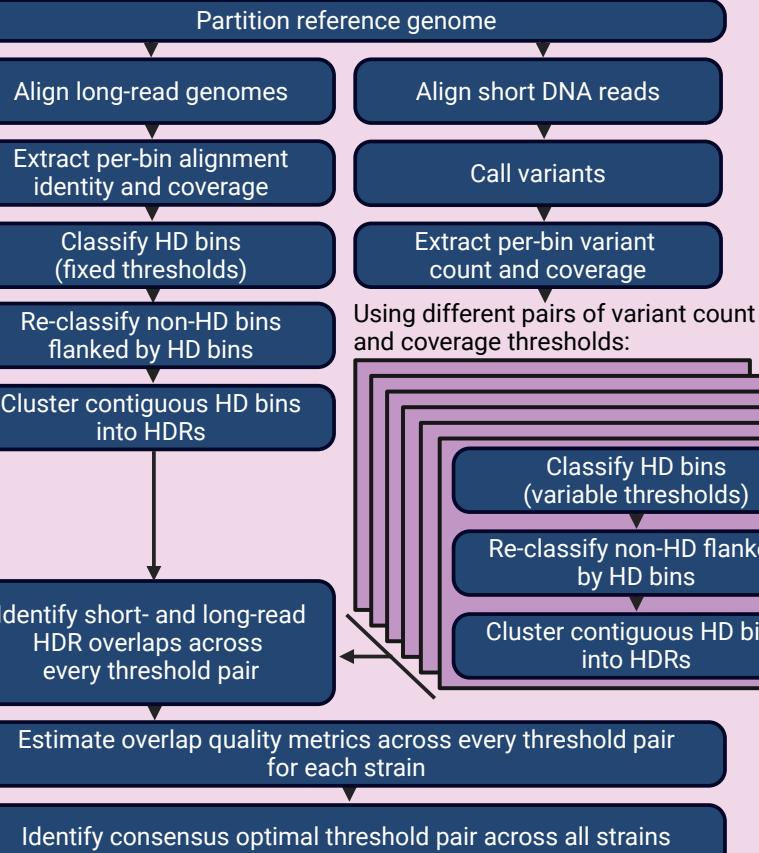


Threshold optimization workflow

Tropical relatedness group



Calling workflow

KD

AD

TH

TD1

Temperate

Tropical

Partition reference genome

Align short DNA reads

Call variants

Extract per-bin variant count and coverage

Classify HD bins (optimal thresholds)

Re-classify non-HD flanked by HD bins

Cluster contiguous HD bins into HDRs

Join HDRs separated by less than 5 kb

Remove HDRs smaller than 5 kb