

CPU thread

Wait for the voting matrices $\{VM(P_i)\}$ of a read batch

Perform ADDITION reduction operations on $\{VM(P_i)\}$ in parallel

Perform a fixing procedure on the read batch in parallel

Wait for the completion of the GPU thread

GPU thread

Read in a batch of reads

Compute the voting matrices $\{VM(P_i)\}$ using $T(G, P_i)$ for the read batch

Transfer the $\{VM(P_i)\}$ of the read batch to the CPU thread

Exit the GPU thread

