111011100101010011010011111110010110010101001110111

1h1011h001010h00110h001h1h1h100h01100h010100h1101h1

cmake -DUSE\_CUDA=OFF ..

make -j$(nproc)

PanGenie-graph -r ref.fa -v pan.vcf -k 51 -o k51

maskjelly -i k51\_path\_segments.fasta -m mask.txt -f | jellyfish count -m 31 -s 3G -p 126 -c 7 -C -L 1 /dev/stdin -o masked\_genome.jf

jellyfish dump masked\_genome.jf > masked\_genome.fa

maskjelly -i test-reads.fa -m mask.txt -f | jellyfish count -m 31 -s 3G -p 126 -c 7 -C -L 1 --if masked\_genome.fa /dev/stdin -o masked\_reads.jf

PanGenie -i masked\_reads.jf -f masked\_genome.jf -r ref.fa -v pan.vcf -m mask.txt

PanGenie-graph -r ref.fa -v pan.vcf -k 51 -o k51

maskjelly -i k51\_path\_segments.fasta -m mask.txt -f | jellyfish count -m 31 -s 3G -p 126 -c 7 -C -L 1 /dev/stdin -o masked\_genome.jf

jellyfish dump masked\_genome.jf > masked\_genome.fa

maskjelly -i NA12878.fa -m mask.txt -f | jellyfish count -m 31 -s 3G -p 126 -c 7 -C -L 1 --if masked\_genome.fa /dev/stdin -o masked\_reads.jf

PanGenie -i masked\_reads.jf -f masked\_genome.jf -r ref.fa -v pan.vcf -m mask.txt

PanGenie-graph -r test-reference.fa -v test-variants.vcf -k 51 -o k51

maskjelly -i k51\_path\_segments.fasta -m mask.txt -f | jellyfish count -m 31 -s 3G -p 126 -c 7 -C -L 1 /dev/stdin -o masked\_genome.jf

jellyfish dump masked\_genome.jf > masked\_genome.fa

maskjelly -i test-reads.fa -m mask.txt -f | jellyfish count -m 31 -s 3G -p 126 -c 7 -C -L 1 --if masked\_genome.fa /dev/stdin -o masked\_reads.jf

PanGenie -i masked\_reads.jf -f masked\_genome.jf -r test-reference.fa -v test-variants.vcf -m mask.txt