

# HG003 downsample grouped rule DAG: produce\_sen

Nodes are Snakemake rule types; per-chromosome/per-shard jobs are collapsed. Counts are planned / remaining from the active main controller log when available.

MAIN\_LOG=.snakemake/log/2026-05-27T195632.640964.snakemake.log | CHECK\_UTC=2026-05-27T22:45:08Z | DF\_H\_FSX=4.4T 737G 3.7T 17% /fsx

