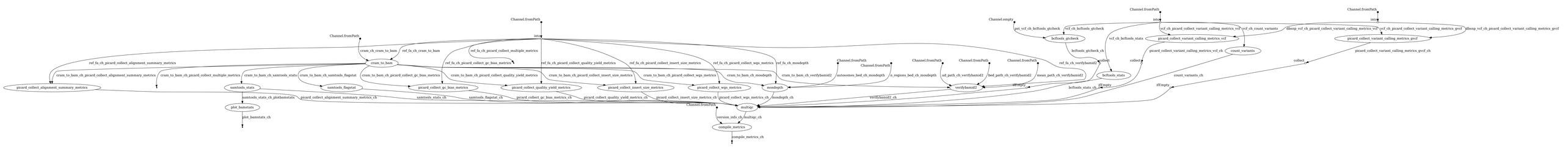
Channel.fromPath
into
Channel.fromPath
cram_ch_cram_to_bam
ref_fa_ch_cram_to_bam
ref_fa_ch_picard_collect_multiple_metrics
ref_fa_ch_picard_collect_gc_bias_metrics
ref_fa_ch_picard_collect_quality_yield_metrics
ref_fa_ch_picard_collect_insert_size_metrics
ref_fa_ch_picard_collect_wgs_metrics
ref_fa_ch_mosdepth
ref_fa_ch_picard_collect_alignment_summary_metrics
cram_to_bam
cram_to_bam_ch_picard_collect_alignment_summary_metrics
cram_to_bam_ch_picard_collect_multiple_metrics
cram_to_bam_ch_samtools_stats
cram_to_bam_ch_samtools_flagstat
cram_to_bam_ch_picard_collect_gc_bias_metrics
cram_to_bam_ch_picard_collect_quality_yield_metrics
cram_to_bam_ch_picard_collect_insert_size_metrics
cram_to_bam_ch_picard_collect_wgs_metrics
cram_to_bam_ch_mosdepth
cram_to_bam_ch_verifybamid2
Channel.fromPath
autosomes_bed_ch_mosdepth
Channel.fromPath
n_regions_bed_ch_mosdepth
Channel.fromPath
ud_path_ch_verifybamid2
Channel.fromPath
bed_path_ch_verifybamid2
Channel.fromPath
mean_path_ch_verifybamid2
ref_fa_ch_verifybamid2
picard_collect_alignment_summary_metrics
samtools_stats
samtools_flagstat
picard_collect_gc_bias_metrics
picard_collect_quality_yield_metrics
picard_collect_insert_size_metrics
picard_collect_wgs_metrics
mosdepth
verifybamid2
samtools_stats_ch_plotbamstats
picard_collect_alignment_summary_metrics_ch
samtools_stats_ch
samtools_flagstat_ch
picard_collect_gc_bias_metrics_ch
picard_collect_quality_yield_metrics_ch
picard_collect_insert_size_metrics_ch
picard_collect_wgs_metrics_ch
mosdepth_ch
verifybamid2_ch
plot_bamstats
plot_bamstats_ch
Channel.fromPath
multiqc
version_info_ch
multiqc_ch
compile_metrics
compile_metrics_ch
Channel.empty
into
Channel.fromPath
into
Channel.fromPath
into
get_vcf_ch_bcftools_gtcheck
vcf_ch_bcftools_gtcheck
vcf_ch_picard_collect_variant_calling_metrics_vcf
vcf_ch_count_variants
dbsnp_vcf_ch_picard_collect_variant_calling_metrics_vcf
vcf_ch_picard_collect_variant_calling_metrics_gvcf
dbsnp_vcf_ch_picard_collect_variant_calling_metrics_gvcf
bcftools_gtcheck
bcftools_gtcheck_ch
vcf_ch_bcftools_stats
picard_collect_variant_calling_metrics_vcf
picard_collect_variant_calling_metrics_gvcf
picard_collect_variant_calling_metrics_vcf_ch
count_variants
picard_collect_variant_calling_metrics_gvcf_ch
collect
collect
collect
bcftools_stats
bcftools_stats_ch
count_variants_ch
ifEmpty
ifEmpty
ifEmpty