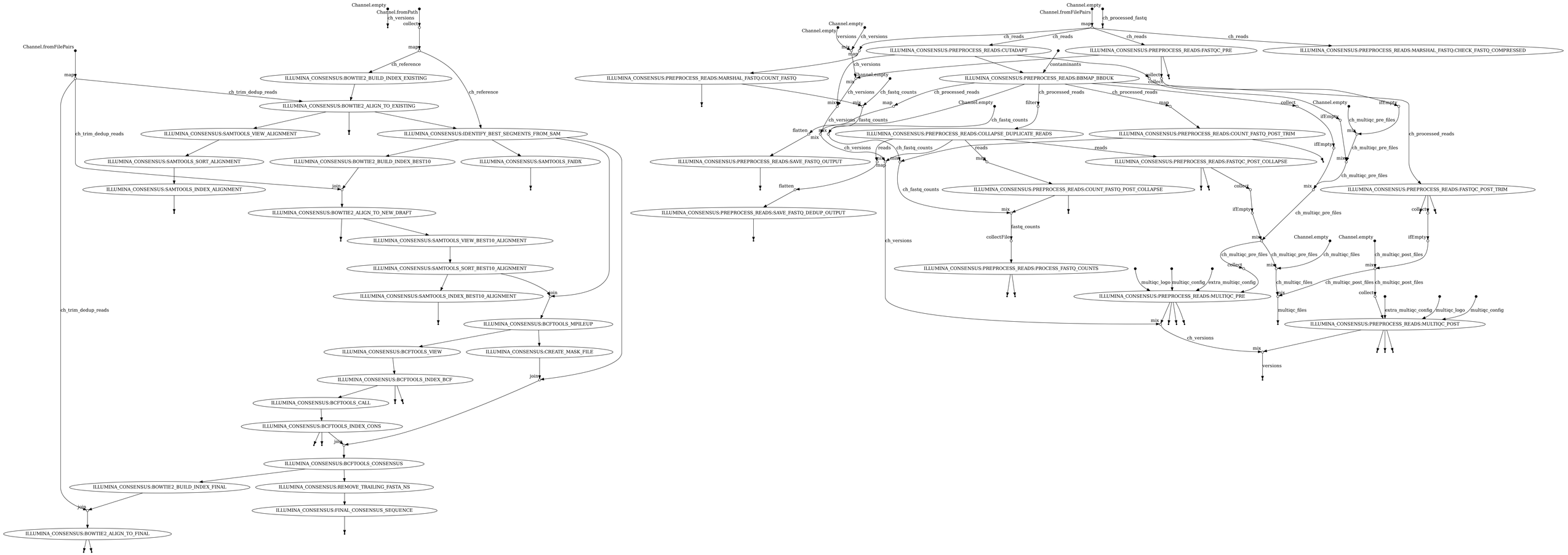
Channel.empty
Channel.fromPath
ch_versions
collect
map
ch_reference
ILLUMINA_CONSENSUS:BOWTIE2_BUILD_INDEX_EXISTING
ILLUMINA_CONSENSUS:BOWTIE2_ALIGN_TO_EXISTING
ILLUMINA_CONSENSUS:IDENTIFY_BEST_SEGMENTS_FROM_SAM
Channel.fromFilePairs
ch_trim_dedup_reads
ILLUMINA_CONSENSUS:SAMTOOLS_VIEW_ALIGNMENT
ILLUMINA_CONSENSUS:SAMTOOLS_SORT_ALIGNMENT
ILLUMINA_CONSENSUS:BOWTIE2_BUILD_INDEX_BEST10
ILLUMINA_CONSENSUS:SAMTOOLS_FAIDX
ILLUMINA_CONSENSUS:SAMTOOLS_INDEX_ALIGNMENT
join
ILLUMINA_CONSENSUS:BOWTIE2_ALIGN_TO_NEW_DRAFT
ILLUMINA_CONSENSUS:SAMTOOLS_VIEW_BEST10_ALIGNMENT
ILLUMINA_CONSENSUS:SAMTOOLS_SORT_BEST10_ALIGNMENT
ILLUMINA_CONSENSUS:SAMTOOLS_INDEX_BEST10_ALIGNMENT
ILLUMINA_CONSENSUS:BCFTOOLS_MPILEUP
ILLUMINA_CONSENSUS:BCFTOOLS_VIEW
ILLUMINA_CONSENSUS:CREATE_MASK_FILE
ILLUMINA_CONSENSUS:BCFTOOLS_INDEX_BCF
ILLUMINA_CONSENSUS:BCFTOOLS_CALL
ILLUMINA_CONSENSUS:BCFTOOLS_INDEX_CONS
ILLUMINA_CONSENSUS:BCFTOOLS_CONSENSUS
ILLUMINA_CONSENSUS:BOWTIE2_BUILD_INDEX_FINAL
ILLUMINA_CONSENSUS:REMOVE_TRAILING_FASTA_NS
ILLUMINA_CONSENSUS:FINAL_CONSENSUS_SEQUENCE
ILLUMINA_CONSENSUS:BOWTIE2_ALIGN_TO_FINAL
Channel.fromFilePairs
ch_processed_fastq
ch_reads
ILLUMINA_CONSENSUS:PREPROCESS_READS:CUTADAPT
ILLUMINA_CONSENSUS:PREPROCESS_READS:FASTQC_PRE
ILLUMINA_CONSENSUS:PREPROCESS_READS:MARSHAL_FASTQ:CHECK_FASTQ_COMPRESSED
versions
ILLUMINA_CONSENSUS:PREPROCESS_READS:MARSHAL_FASTQ:COUNT_FASTQ
contaminants
ILLUMINA_CONSENSUS:PREPROCESS_READS:BBMAP_BBDUK
ch_fastq_counts
ch_processed_reads
filter
fastq_counts
flatten
ILLUMINA_CONSENSUS:PREPROCESS_READS:COLLAPSE_DUPLICATE_READS
ILLUMINA_CONSENSUS:PREPROCESS_READS:COUNT_FASTQ_POST_TRIM
ILLUMINA_CONSENSUS:PREPROCESS_READS:SAVE_FASTQ_OUTPUT
reads
ILLUMINA_CONSENSUS:PREPROCESS_READS:FASTQC_POST_COLLAPSE
ILLUMINA_CONSENSUS:PREPROCESS_READS:SAVE_FASTQ_DEDUP_OUTPUT
ILLUMINA_CONSENSUS:PREPROCESS_READS:COUNT_FASTQ_POST_COLLAPSE
ILLUMINA_CONSENSUS:PREPROCESS_READS:FASTQC_POST_TRIM
ifEmpty
ch_multiqc_pre_files
ch_multiqc_files
ch_multiqc_post_files
collectFile
ILLUMINA_CONSENSUS:PREPROCESS_READS:PROCESS_FASTQ_COUNTS
multiqc_logo
multiqc_config
extra_multiqc_config
ILLUMINA_CONSENSUS:PREPROCESS_READS:MULTIQC_PRE
multiqc_files
ILLUMINA_CONSENSUS:PREPROCESS_READS:MULTIQC_POST