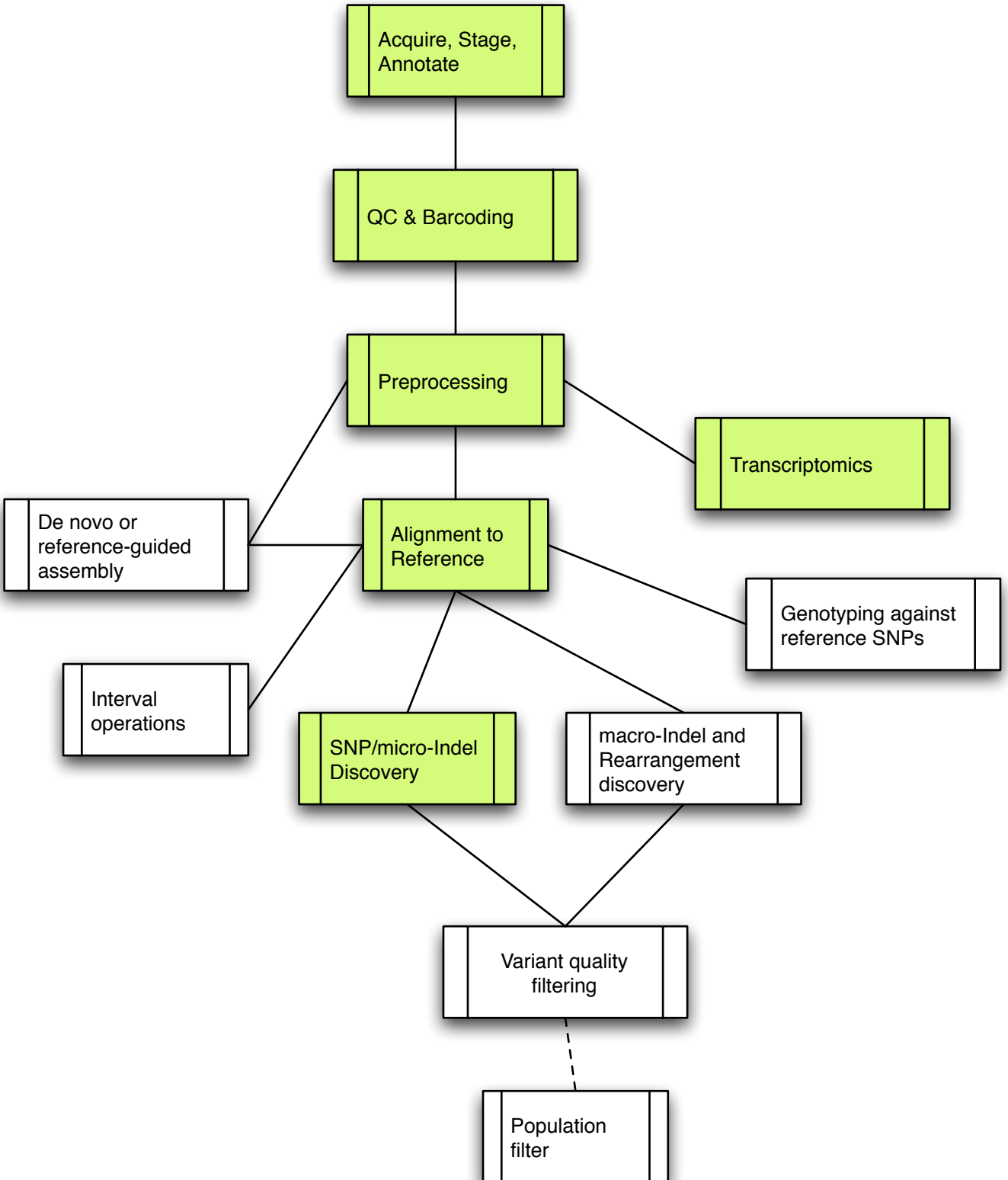
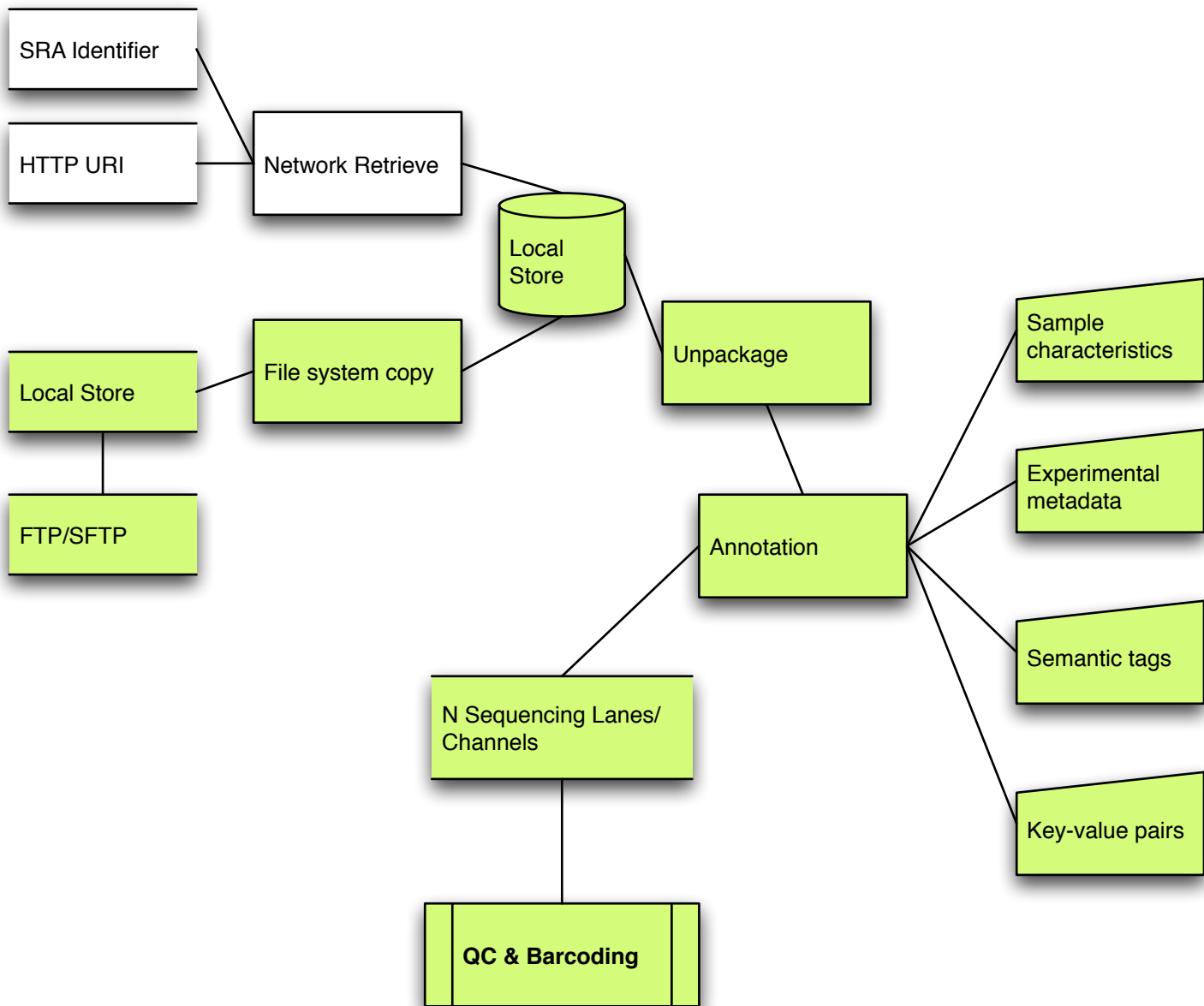


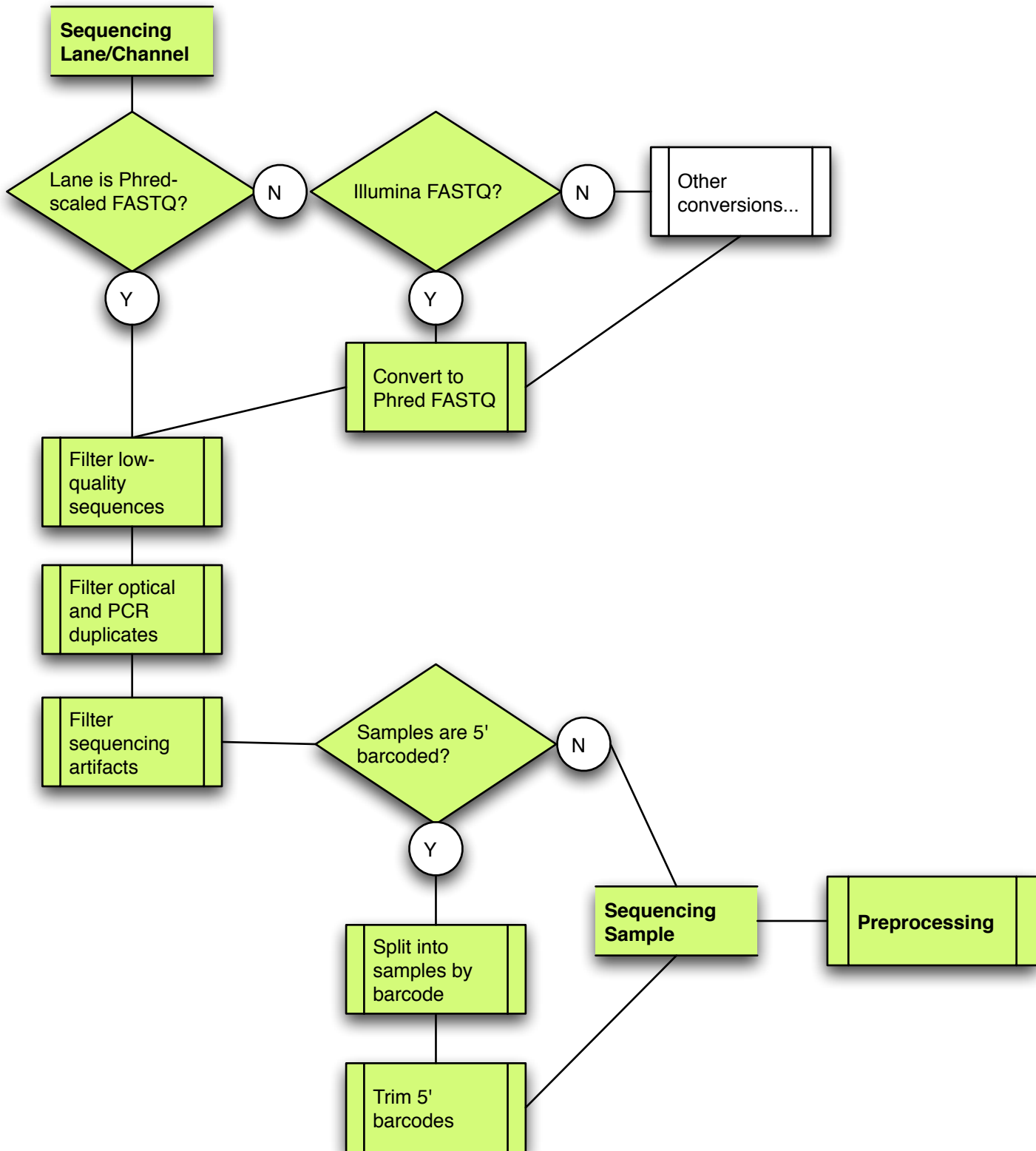
Overview



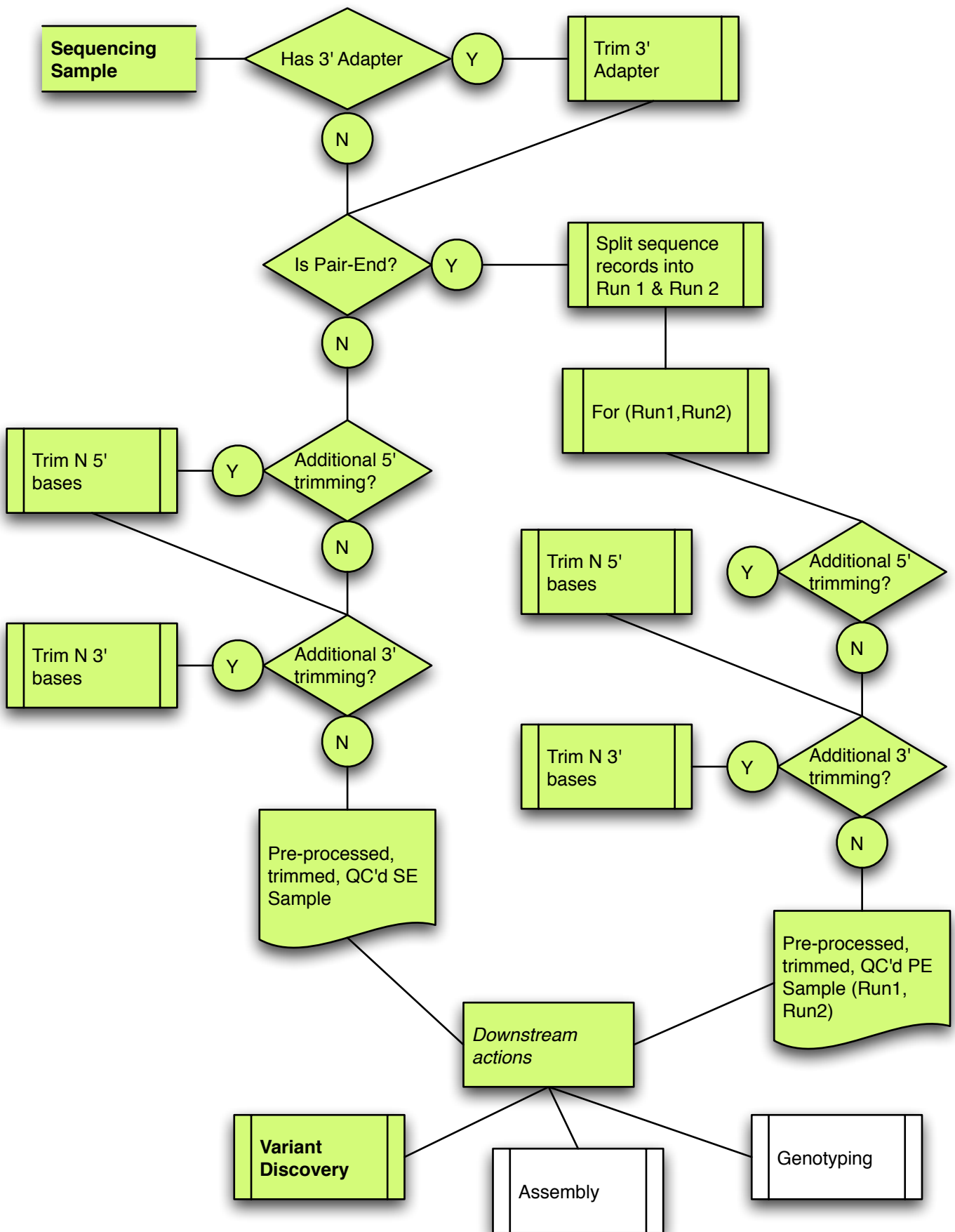
Acquire, Stage, Annotate



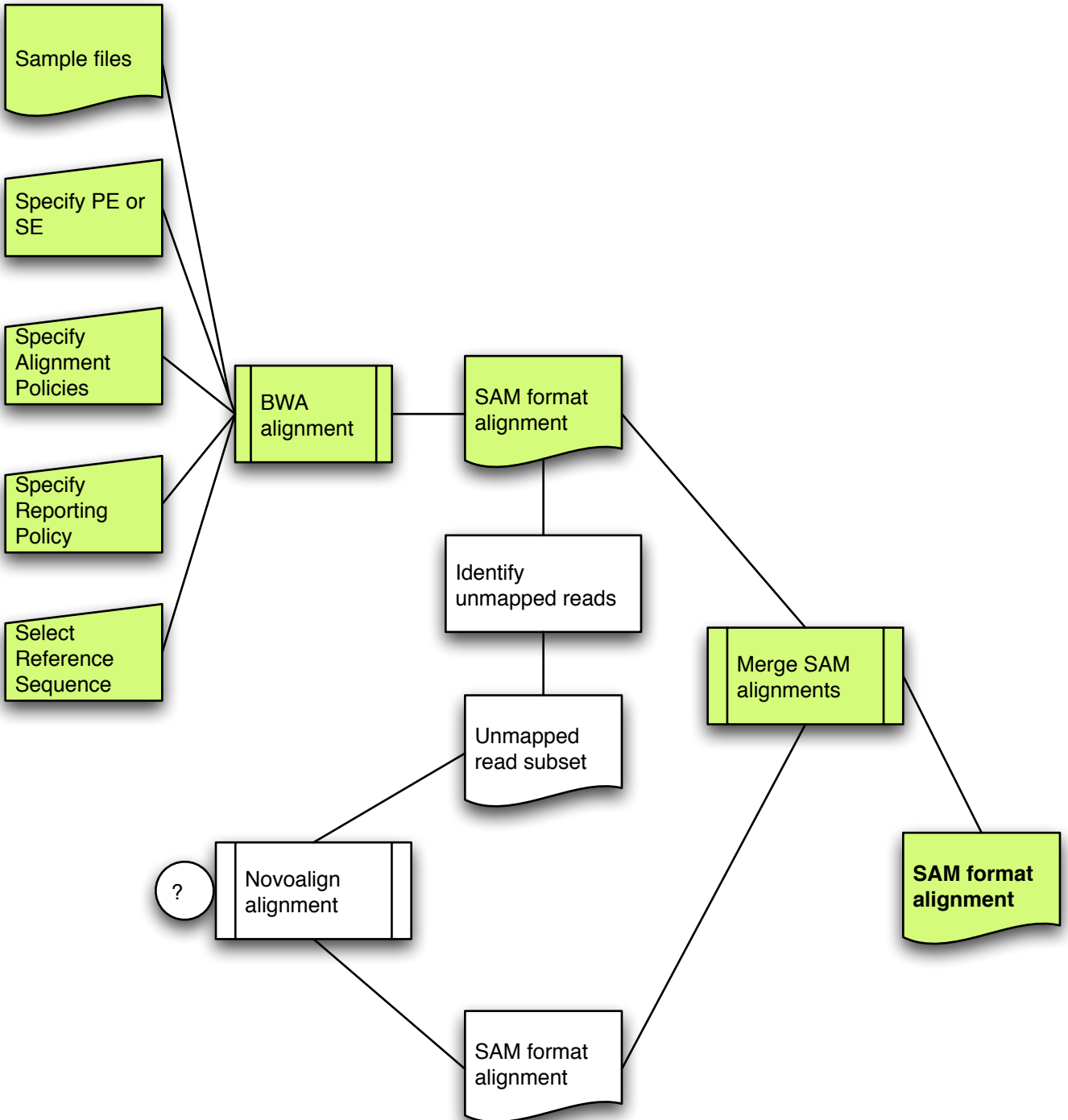
QC and Barcode Resolution



Preprocessing

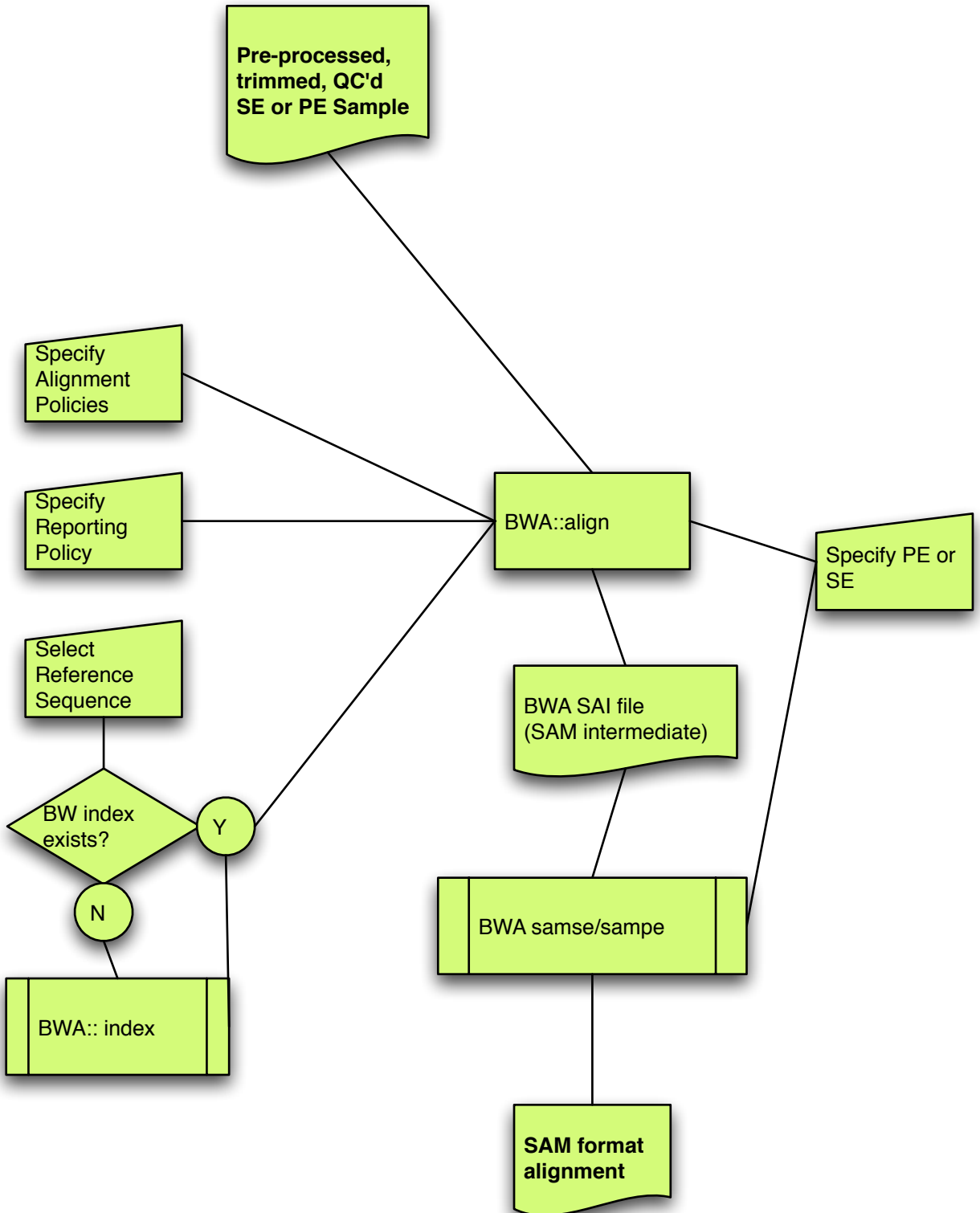


Alignment to Reference



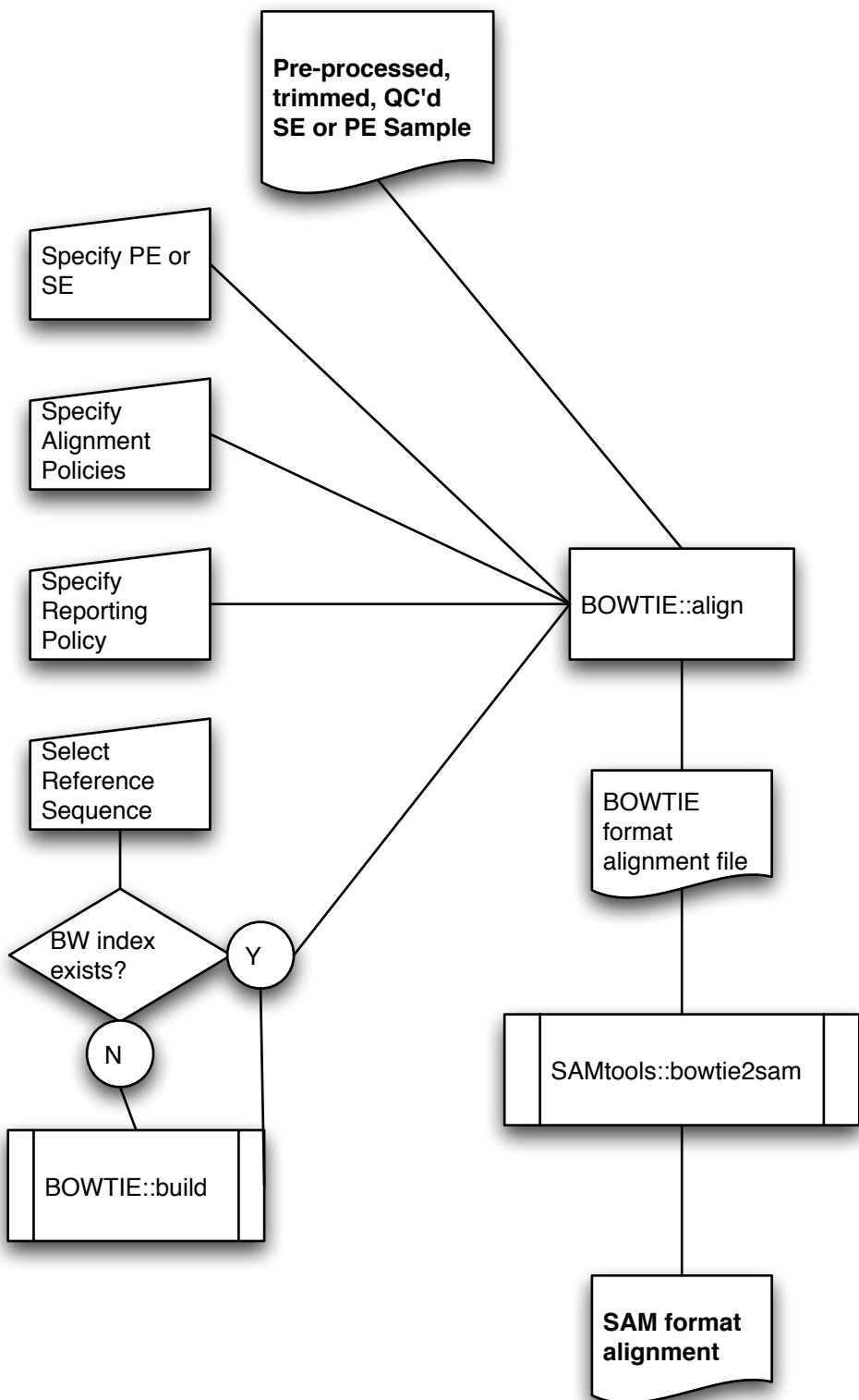
BWA Alignment (BWT/Suffix Array)

Approximate ungapped alignment



BOWTIE Alignment (BWT/Suffix Array)

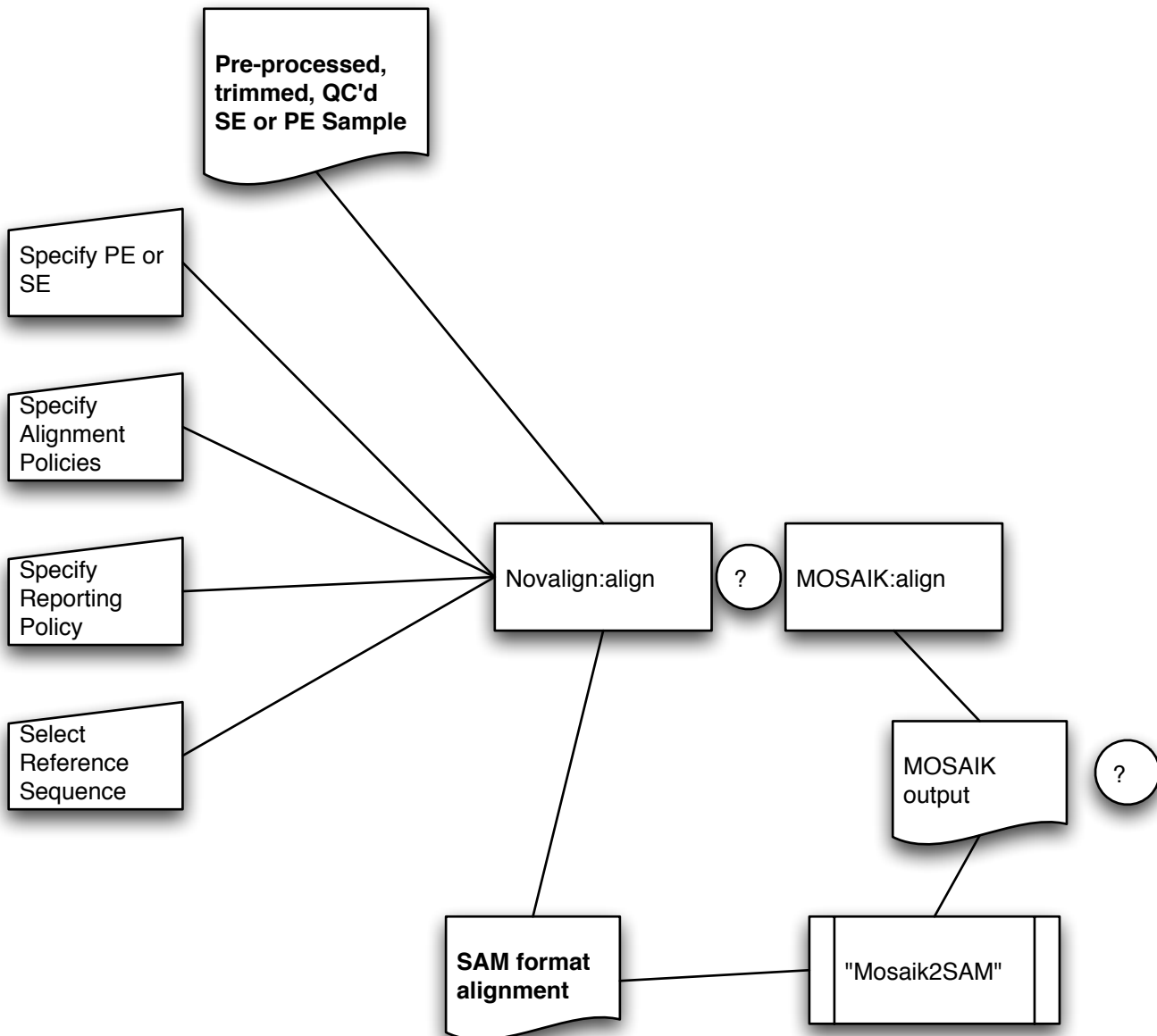
Approximate ungapped alignment



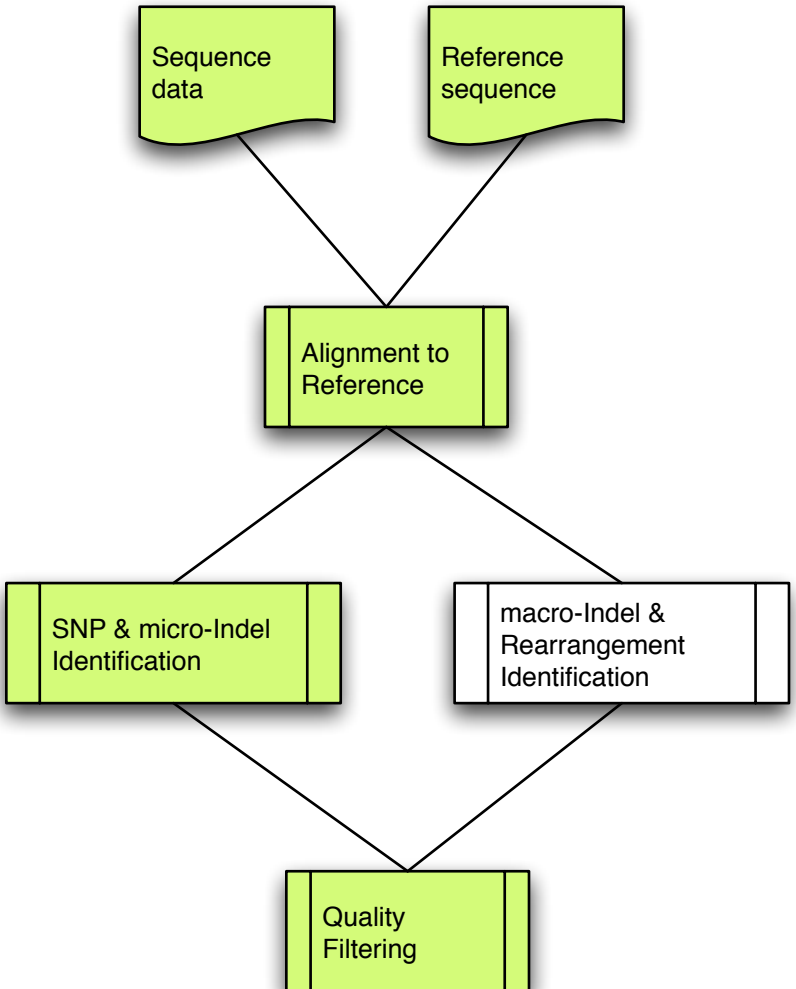
Noalign Alignment (Needleman-Wunsch)

MOSAIK Alignment (Smith-Waterman)

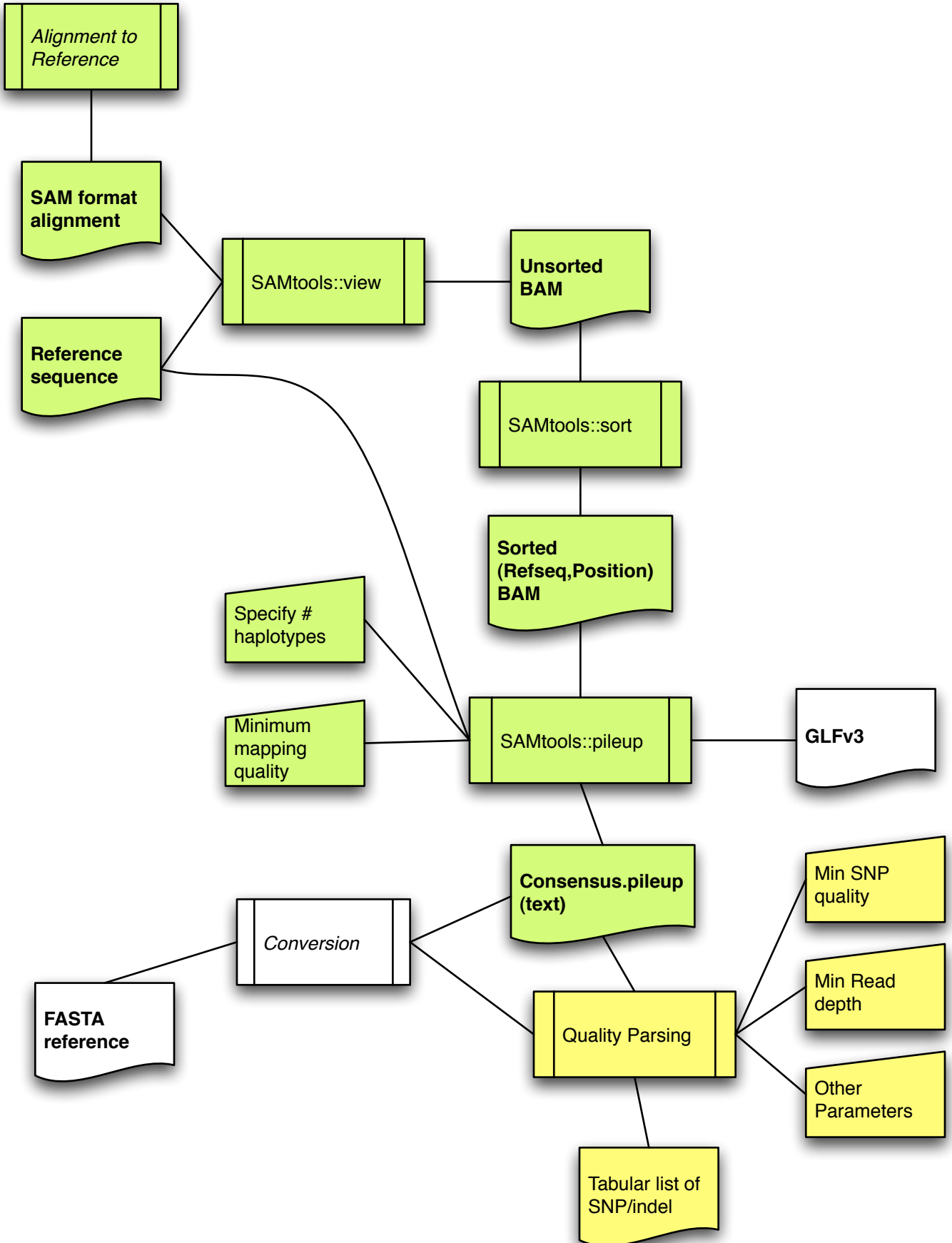
Sensitive gapped alignment



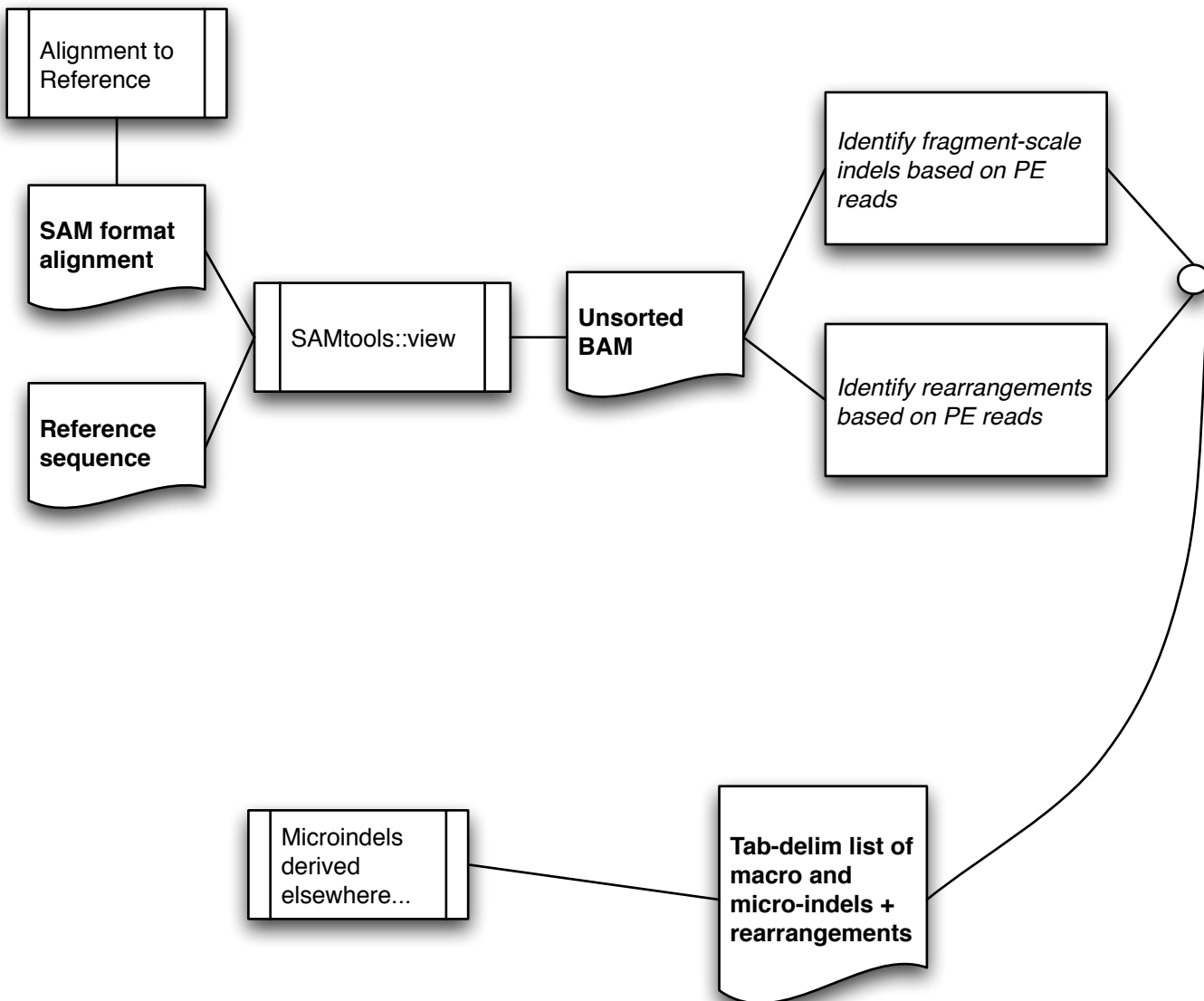
Variant Discovery



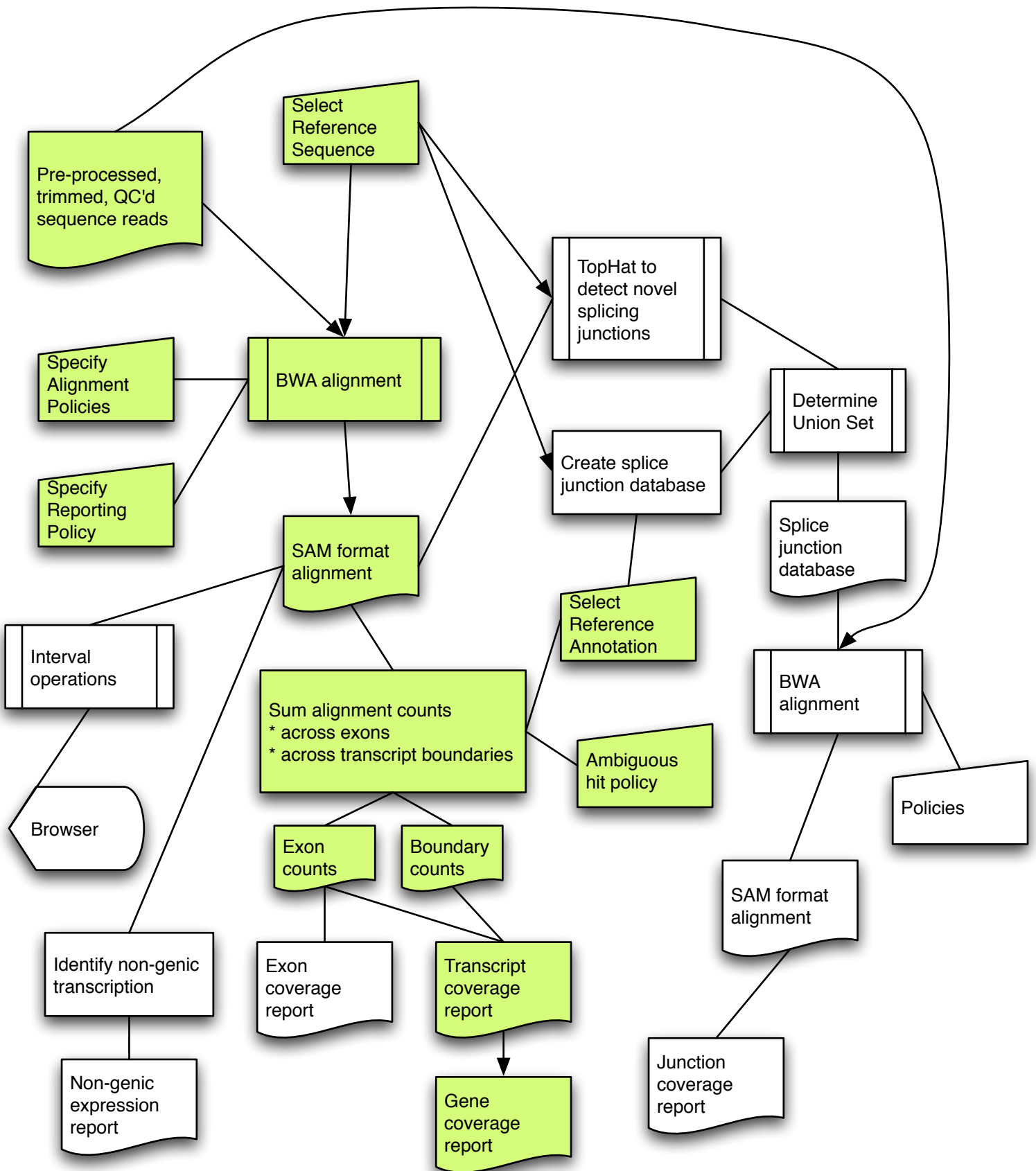
SNP & micro-Indel Discovery



macro-Indel and Rearrangement Discovery



Transcriptomics



Population Filter

Outputs from multiple variant detection libraries

