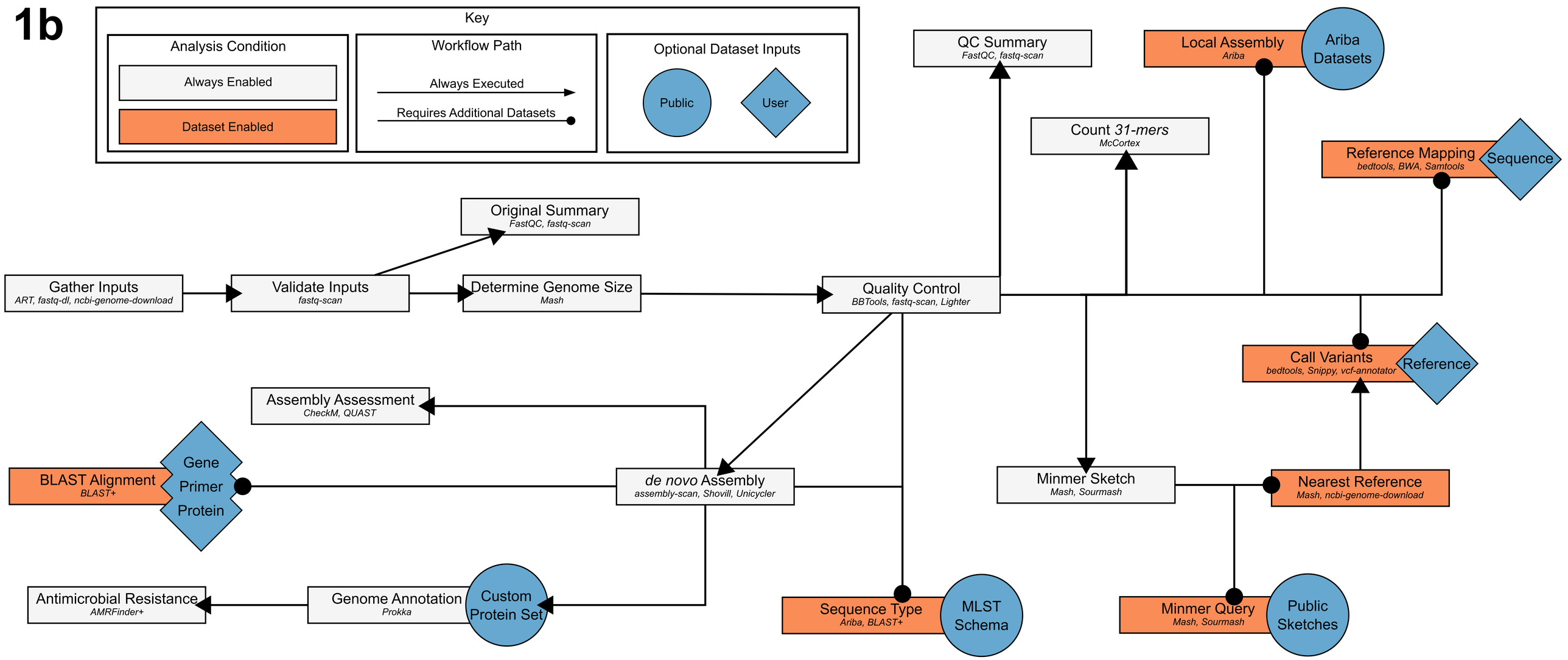
1b
Key
Analysis Condition
Always Enabled
Dataset Enabled
Workflow Path
Always Executed
Requires Additional Datasets
Optional Dataset Inputs
Public
User
QC Summary
FastQC, fastq-scan
Local Assembly
Ariba
Ariba Datasets
Count 31-mers
McCortex
Reference Mapping
bedtools, BWA, Samtools
Sequence
Original Summary
FastQC, fastq-scan
Gather Inputs
ART, fastq-dl, ncbi-genome-download
Validate Inputs
fastq-scan
Determine Genome Size
Mash
Quality Control
BBTools, fastq-scan, Lighter
Call Variants
bedtools, Snippy, vcf-annotator
Reference
Assembly Assessment
CheckM, QUAST
BLAST Alignment
BLAST+
Gene
Primer
Protein
de novo Assembly
assembly-scan, Shovill, Unicycler
Minmer Sketch
Mash, Sourmash
Nearest Reference
Mash, ncbi-genome-download
Antimicrobial Resistance
AMRFinder+
Genome Annotation
Prokka
Custom Protein Set
Sequence Type
Ariba, BLAST+
MLST Schema
Minmer Query
Mash, Sourmash
Public Sketches