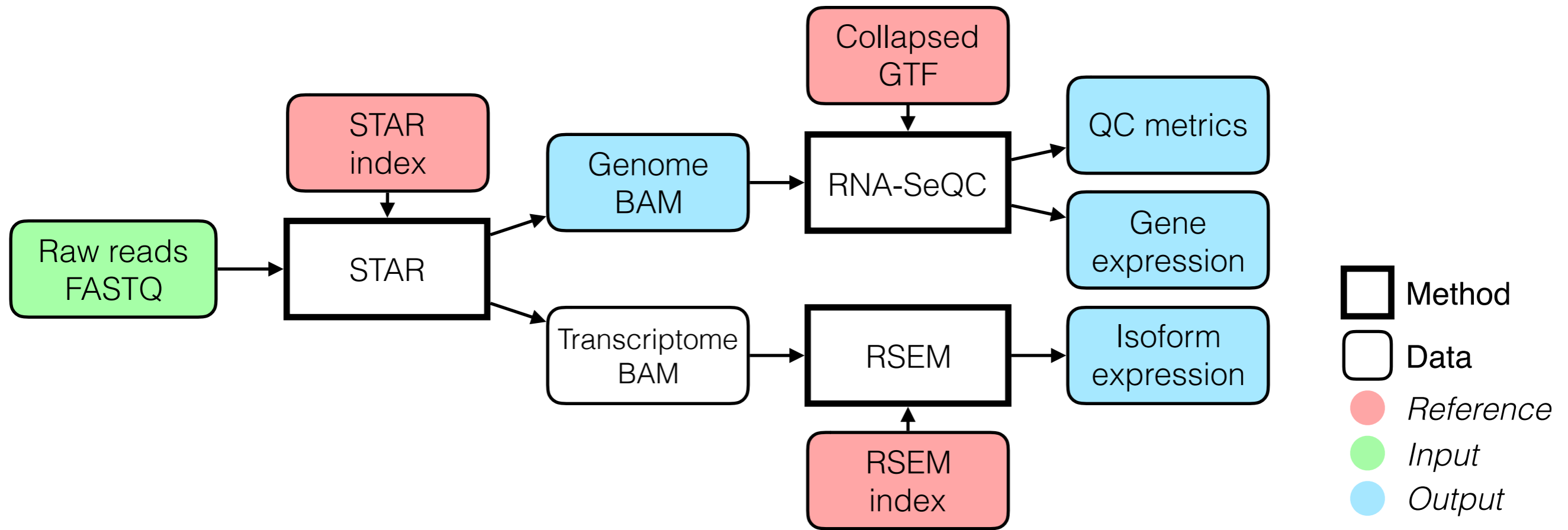


TOPMed RNA-seq pipeline V2



References

| | |
|-----------------------|------------|
| Reference genome | GRCh38 |
| Transcript annotation | GENCODE 30 |

Details, parameters and wrapper scripts:
<https://github.com/broadinstitute/gtex-pipeline>

On the [FireCloud](#) platform:

namespace [broadinstitute_gtex](#)

Pipeline components

| | |
|-----------------------|-----------------|
| Alignment | STAR v2.6.1d |
| Gene expression | RNA-SeQC v2.3.3 |
| Transcript expression | RSEM v1.3.1 |
| QC metrics | RNA-SeQC v2.3.3 |

STAR: Dobin et al., *Bioinformatics*, 2013

RSEM: Li et al., *Bioinformatics*, 2010

RNA-SeQC 2: Graubert et al., *in preparation*, 2019