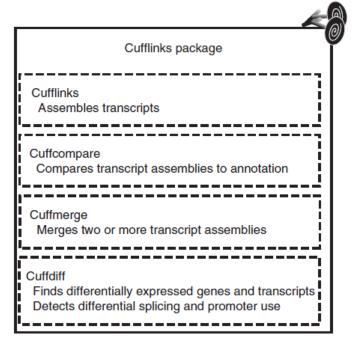
NGS Data Mining and Integration for Biomarker Discovery in Cancer Project

AWS in Education research grant

Galaxy

Bowtie Extremely fast, general purpose short read aligner

TopHat
Aligns RNA-Seq reads to the genome using Bowtie
Discovers splice sites



AWS Cloud

S3 Storage: 10 TB raw/preprocessed data and analysis results

<u>EC2 Instances:</u> up to 25 auto-scaled High-Memory Double Extra Large instances

