ADAM
Transforms:
Read ETL

avocado:
Scalable
variant
calling

gnocchi:
Parallel
variant
analysis

DECA:
Exome
copy
number
variant
calling

cannoli:
Autoparallel
legacy
tools

Lime:
Set theoretic
primitives for
genomics

mango:
Fast, multisample
visualization

IntervalRDD

Core ADAM APIs

Pipe API

SortedRDD/RegionJoin

Apache **Spork**

Workflow engines (Toil)

Clouds (CGCloud, Databricks, EMR)

On-prem (CDH, Slurm/LSF)

Legacy file formats (BAM/VCF)

Apache Parquet GA4GH Schemas