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1. Introduction

Somatic variant calling studies often include many patients with dataset sizes varying widely between oncopanel, whole-exome, and whole-genome sequencing data. nf-core/sarek¹ is an es

2. Implementation Details

Ported to DSL2:

- Using nf-core/modules for 80 of 82
- Related steps are bundled into subworkflows

Extensive CI using pytest:

- Testing for docker, conda, and singularity
- Md5sum or file content checks
- Tests for a variety of use cases

Usage of CRAM files

Automatic testing on AWS on release with:

- Germline: Glab HG0001
- Somatic: HCC1395

→ Both have a ground truth set available and can be used for validation