

# General Smoke Testing

## Introduction

Each IGB release requires general smoke testing separate from the testing of affected subsystems.

The purpose of this page is to provide testers with a quick checklist of items to test during general smoke testing.

## General Smoke Testing Checklist

1. Verify that all commonly used file formats are properly supported in IGB by loading all files available on the [Smoke Testing Quickload](#).
  - Add a Data Provider to IGB using the following URL: <http://igbquickload.org/smokeTestingQuickload/>
    - The added Quickload site is available for the *Homo sapien* genome under the **Available Data** pane.
    - Select each checkbox and load the data. Verify that all data sets in the Quickload site are loading into IGB.
      - Bam
        - Bam Homo sapiens
      - Bed
        - Bed - not compressed (Chr1 only)
        - Bed - gzip compressed
      - BedGraph
        - BedGraph - not compressed
        - BedGraph - gzip compressed
      - BigBed
        - BigBed (binary file containing its own index)
      - BigWig
        - BigWig (binary file containing its own index)
      - GFF3
        - GFF3 chromosome 1 only - uncompressed
        - GFF3 chromosome 1 only - gzip compressed
      - GTF
        - GTF chromosome 1 only - uncompressed
        - GTF chromosome 1 only - gzip compressed
      - NarrowAndBroadPeak
        - BroadPeak - uncompressed
        - BroadPeak - gzip compressed
        - NarrowPeak - uncompressed
        - NarrowPeak - gzip compressed
      - Sam - no testing required currently
      - Wig
        - Wig - not compressed
        - Wig - gzip compressed
      - VCF
        - VCF - not compressed
        - VCF - gzip compressed