

THE

Variant Quality Score Recalibration (VQSR)

MANUAL

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TODAY

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CHAPTER 1

Introduction

The GATK variant quality score recalibration pipeline in bpipe.

CHAPTER 2

CODE

2.1 File: gatk_recal.groovy

```
about title: "GATK VQSR pipeline."

load "localprograms.groovy"
load "localdatafiles.groovy"
load "../modules/gatk_base_recalibration.groovy"

def BASEROOTDIR="BASEDIRNAME"

TARGETREGIONS="$BASEROOTDIR" + "/misc/S04380110_Regions.bed"

Bpipe.run {recalibrate_SNP + Apply_SNP_Recalibration +
    recalibrate_INDEL + Apply_INDEL_Recalibration}
```