GTO 2: The genomics-proteomics toolkit

Contents

Li	st of	Tables	\mathbf{v}
\mathbf{Li}	st of	Figures	vii
Ρı	reface		ix
In	trodı	ıction	xi
	0.1	SubSection	xi
Ι	Too	ols	xiii
F/	ASTG) Tools	$\mathbf{x}\mathbf{v}$
	0.2	gto2_fq_to_fasta	xv
	0.3	gto2_fq_to_mfasta	xv
	0.4	gto2_fq_exclude_n	xv
	0.5	gto2_fq_extract_quality_scores	xv
	0.6	gto2_fq_info	xvi
	0.7	$gto2_fq_maximum_read_size . \ . \ . \ . \ . \ . \ . \ . \ . \ .$	xvi
	0.8	gto2_fq_minimum_quality_score	xvi
	0.9	$gto2_fq_minimum_read_size . \ . \ . \ . \ . \ . \ . \ . \ . \ .$	xvi
	0.10	$gto2_fq_rand_extra_chars \ \dots \dots \dots \dots \dots$	xvi
	0.11	gto2_fq_from_seq	xvii
	0.12	gto2_fq_mutate	xvii
	0.13	gto2_fq_split	xvii
	0.14	gto2_fq_pack	xvii
	0.15	$gto2_fq_unpack \dots \dots \dots \dots \dots \dots \dots \dots$	xvii
	0.16	gto2_fq_quality_score_info	xviii
	0.17	gto2_fq_quality_score_min	xviii
	0.18	gto2_fq_quality_score_max	xviii
	0.19	gto2_fq_cut	xviii
	0.20	$gto2_fq_minimum_local_quality_score_forward . \ . \ .$	xviii
	0.21	gto2_fq_minimum_local_quality_score_reverse	xix

iv Contents						
0.22 gto2_fq_xs xix						
$0.23 \text{ gto2_fq_clust_reads} \dots \dots \dots \dots \dots \dots \text{xix}$						
$0.24 \ \text{gto2_fq_complement}$ xix						
$0.25 \text{ gto2_fq_reverse}$ xix						
$0.26~{ m gto2_fq_variation_map}$ xx						
$0.27 \text{ gto2_fq_variation_filter} \dots \dots$						
$0.28 \text{ gto2_fq_variation_visual} \dots xx$						
$0.29 \text{ gto2_fq_metagenomics} \dots xx$						
II Payloads xxi						
Server Side Template Injection xxiii						
III Scripts xxv						

List of Tables

List of Figures

1	Settings	for	creating	filters	charts								X

Preface

License

This document was written in $\rm RMarkdown^1$ using the bookdown^2 package.

¹https://rmarkdown.rstudio.com

²https://bookdown.org

Introduction

to do

0.1 SubSection

```
.dashboard > div:not(.dashboard-content)
  display: none;
}
```



FIGURE 1: Settings for creating filters charts

Part I

Tools

FASTQ Tools

 $0.2 \quad gto2_fq_to_fasta$

to do $\,$

 $0.3 \quad gto2_fq_to_mfasta$

to do

 $0.4 \quad gto2_fq_exclude_n$

to do $\,$

 $0.5 \quad gto2_fq_extract_quality_scores$

 $0.6 \quad gto2_fq_info$

to do

 $0.7 \quad gto2_fq_maximum_read_size$

to do

 $0.8 \quad gto2_fq_minimum_quality_score$

to do

 $0.9 \quad gto2_fq_minimum_read_size$

to do $\,$

 $0.10 \quad gto2_fq_rand_extra_chars$

to do $\,$

 $0.11 \quad gto2_fq_from_seq$

to do $\,$

 $0.12 \quad gto2_fq_mutate$

to do

 $0.13 \quad gto2_fq_split$

to do

 $0.14 \quad gto2_fq_pack$

to do $\,$

 $0.15 \quad gto2_fq_unpack$

to do $\,$

xviii $FASTQ\ Tools$

 $0.16 \quad gto2_fq_quality_score_info$

to do

 $0.17 \quad gto2_fq_quality_score_min$

to do

 $0.18 \quad gto2_fq_quality_score_max$

to do

 $0.19 \quad gto2_fq_cut$

to do

 $0.20 \quad gto2_fq_minimum_local_quality_score_forward$

 $0.22 \quad gto2_fq_xs$

to do

 $0.23 \quad gto2_fq_clust_reads$

to do

0.24 gto2_fq_complement

to do

 $0.25 \quad gto2_fq_reverse$

 $0.26 \quad gto2_fq_variation_map$

to do $\,$

 $0.27 \quad gto2_fq_variation_filter$

to do

 $0.28 \quad gto2_fq_variation_visual$

to do

 $0.29 \quad gto2_fq_metagenomics$

to do $\,$

Part II

Payloads

Server Side Template Injection

Part III

Scripts

$TO\ DO$