(a) 

Galaxy | Published Pages

Published Pages

<table>
<thead>
<tr>
<th>Title</th>
<th>Annotation</th>
<th>Owner</th>
<th>Community Tags</th>
<th>Last Updated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windshield Splatter</td>
<td>Live supplement for Genome Research windshield splatter paper.</td>
<td>aun1</td>
<td>paper galaxy</td>
<td>2 days ago</td>
</tr>
<tr>
<td>pe</td>
<td></td>
<td>aun1</td>
<td>workflow pe</td>
<td>Mar 12, 2010</td>
</tr>
<tr>
<td>NGS Analysis Service</td>
<td>Description of Galaxy main's NGS services and tools.</td>
<td>aun1</td>
<td>ngs galaxy tutorial</td>
<td>Mar 06, 2010</td>
</tr>
<tr>
<td>bushman</td>
<td></td>
<td>aun1</td>
<td>genomics paper nature</td>
<td>Feb 19, 2010</td>
</tr>
<tr>
<td>Screencasts</td>
<td></td>
<td>aun1</td>
<td>screencasts galaxy help</td>
<td>Feb 17, 2010</td>
</tr>
</tbody>
</table>

(b) 

Galaxy | Published Workflow | metagenomic analysis

Published Workflows | aun1 | metagenomic analysis

Galaxy Workflow 'metagenomic analysis'

Annotation: Generic workflow for performing a metagenomic analysis on NGS data.

Step 1: Input dataset
- qualities
  - select at runtime

Step 2: Input dataset
- reads
  - select at runtime

Step 3: Select high quality segments
- Reads
  - Output dataset 'output' from step 2
  - Quality scores
    - Output dataset 'output' from step 1
  - Minimal quality score
    - 20
  - Minimal length of contiguous segment
    - 50
- Select technology
  - fastq (454) or ABI SOLID
  - Low quality bases in homopolymers
    - DO NOT trigger splitting

Step 4: FASTA-to-Tabular
- Convert these sequences
  - Output dataset 'output' from step 3
  - How many title characters to keep?

Annotation
- 454 Quality Dataset
- 454 Reads

Here we select segments of reads with contiguous high quality bases above threshold paired score of 20

Convert to tabular format so that column for additional metadata can be added

About this Workflow

Author
- aun1

Related Workflows
- All published workflows
  - Published workflows by aun1

Tags
- Community: metagenomics galaxy