# fastx-utils之填充fastq质量值：fake

## 一、fastx-utils fake 介绍

**功能描述：**

`fastx-utils fake` 填充或者修改 `fastq` 或者 `fasta` 文件的质量值, 构建fastq文件格式

**命令行接口：**

```
$ fastx-utils fake

Usage: fastx-utils fake [options] <fa/fq>

Options:
  -q CHAR FASTQ quality . default: [I]
```

**可选参数：**

```
-q   字符   fastq质量值对应的字符.
```

## 二、使用场景实例及其用法

**示例演示：**

**示例文件：** `sequence.fastq`

```
$ cat sequence.fasta | seqtk seq -l 60 |head -n 8
```

```
>HISEQ:483:HLJ2LBCXY:1:1111:14104:10730
CCTATGGGATGCACCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGC
CGCGTGAGTGATGAAGGCCTTAGGGTTGTAAAGCTCTTTCGGCGGGGAAGATAATGACGG
TACCCGCAGAAGAAGCCCCGGCTAACTTCGTGCCAGCAGCCGCGGTAATACGAAGGGGGC
TAGCGTTGTTCGGAACCACTGGGCGTAAAGCGCGTGTAGGCGGATTGTTAAGTCGGGGGT
GAAATCCTGGGGCTCAACCTCAGAACTGCCTTCGATACTGGCGATCTTGAGTCCGGGAGA
GGTGAGTGGTATTCCTAGTGTAGAGGTGAAATTCGTAGATATTAGGAAGAACACCAGTGG
CGAAGGCGGCTCACTGGCCCGGTACTGACGCTGAAACGCGAAAGCGTGGGGAGCAAACAG
```

**运行命令：**

```
$ fastx-utils  fake -q  I  sequence.fasta  | head -n 8
```

```
@HISEQ:483:HLJ2LBCXY:1:1111:14104:10730
CCTATGGGATGCACCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGAGTGATGAAGGCCT
TAGGGTTGTAAAGCTCTTTCGGCGGGGAAGATAATGACGGTACCCGCAGAAGAAGCCCCGGCTAACTTCGTGCCAGCAGC
CGCGGTAATACGAAGGGGGCTAGCGTTGTTCGGAACCACTGGGCGTAAAGCGCGTGTAGGCGGATTGTTAAGTCGGGGGT
GAAATCCTGGGGCTCAACCTCAGAACTGCCTTCGATACTGGCGATCTTGAGTCCGGGAGAGGTGAGTGGTATTCCTAGTG
TAGAGGTGAAATTCGTAGATATTAGGAAGAACACCAGTGGCGAAGGCGGCTCACTGGCCCGGTACTGACGCTGAAACGCG
AAAGCGTGGGGAGCAAACAGGATTAGATACCCGTGTAGTCC
+
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
@HISEQ:483:HLJ2LBCXY:1:2112:7631:97645
CCTACGGGAGGCACCAGTGGGGAATATTGGACAATGGGCGAAAGCCTGATCCAGCCATGCCGCGTGAGTGATGAAGGCCC
TAGGGTTGTAAAGCTCTTTCACCGGTGAAGATAATGACGGTAACCGGAGAAGAAGCACCGGCTAACTTCGTGCCAGCAGC
CGCGGTAATACCAAGGGGGCTAGCGTTGTTCGGAATTACTGGGCGTAAAGCGCACGTAGGCGGATATTTAAGTCAGGGGT
GAAATCCCGGGGCTCAACCCCCGGAACTGCCTTTGATACTGGGTATCTAGAGTATGGTAGAGGTGAGTGGAATTCCGAGTG
TAGAGGTGAAATTCGTAGATATTCGGAGGAACACCAGTGGCGAAGGCGGCTCACTGGACCATTACTGACGCTGAGGTGCG
AAAGCGTGGGGAGCAAACAGGATTAGATACCCATGTAGTCC
+
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
```

本文材料为 **BASE** (**B**iostack **A**pplied bioinformatic **SE**ies）课程 **Linux Command Line Tools for Life Scientists** 材料， 版权归 **上海逻捷信息科技有限公司** 所有。

Last Update: 2020-08-10 11:56 AM