antiSMASH·····

···CDS···GenBank·····antiSMASH·····
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antiSMASH·····
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·····CDS···GenBank·····antiSMASH·····
·····antiSMASH·····Bioconda·····
·····Pfam·ClusterBlast·····
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··GBK | ·····CDS····gene·· | ·····

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·····ClusterBlast·Pfam·····minimal
·····antiSMASH···-
-help···

```
#!/usr/bin/env bash
set -euo pipefail
input=/data/sample01.gbk
root="$PWD/antismash-sample01-run01"
test -s "$input"
test ! -e "$root" || { echo "output exists: $root" >&2; exit 2; }
mkdir -p "$root"
antismash --version > "$root/version.txt" 2>&1
antismash --help > "$root/help.txt" 2>&1
cd "$root"
/usr/bin/time -v -o resources.txt   antismash --cpus 4 --output-dir "$root/results" "$input" > run.log 2>&1
test -s "$root/results/sample01.json"
find "$root/results" -maxdepth 1 -type f -name '*.html' -print -quit | grep -q .
sha256sum "$input" > input.sha256
```

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·····CDS·····0·····

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ord/contig·····record·····contig·····
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ClusterBlast·····
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·····contig·····CPU·····
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antiSMASH····· https://docs.antismash.secondarymetabolites.org/command_line/

antiSMASH····· https://docs.antismash.secondarymetabolites.org/install/

antiSMASH····· https://docs.antismash.secondarymetabolites.org/understanding_output/