CheckV·····

·····quality_summary.tsv·····CheckV·····NA·····

CheckV·····
·····ID·····
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·····FASTA·····reads·····contigs·····ID·····contig ID·····
·····contig·CheckV·····
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FASTA | ·····ID····· | ·····

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·····CheckV·····4·····
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```
#!/usr/bin/env bash
set -euo pipefail
input=/data/S1.viral_candidates.fna
db=/db/checkv/database
out="$PWD/checkv-S1-run01"
test -s "$input"
test -d "$db"
test ! -e "$out" || { echo "output exists: $out" >&2; exit 2; }
mkdir -p "$out"
export CHECKVDB="$db"
checkv --version > "$out/version.txt" 2>&1
printf 'CHECKVDB=%s
' "$CHECKVDB" > "$out/database-path.txt"
sha256sum "$input" > "$out/input.sha256"
checkv end_to_end "$input" "$out/results" -t 4   > "$out/run.log" 2>&1
test -s "$out/results/quality_summary.tsv"
printf 'Finished: %s
' "$out/results/quality_summary.tsv"
```

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·····CheckV····

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·····quality_summary.tsv·····completeness.tsv·contamination.tsv·····
·····contig ID·····ID·····
··warnings·····Not-determined·····0%·····
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·····contig
·····ID·····
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·····CheckV·····ID·····
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·····FASTA·····

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CheckV·····README https://bitbucket.org/berkeleylab/checkv/src/master/README.md

CheckV…… https://doi.org/10.1038/s41587-020-00774-7