·····Comet·····

··Comet·····mzML·····pepXML·····

Comet ·····
····· Comet 2026.03 ··· mzML ·····

·····

····· Comet ·····/·····
···decoy ·····

···· | ···· | ···

Comet····· | ·····SHA256 | ·····

····· | params·FASTA/····· | ·····

···· | mzML····· | ·····

···· | ····RAM····I/O | ·····

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··· Comet ·····-P ·····-N ···· basename····· -N ·····
···· pepXML ····· basename ·····

```
set -euo pipefail
: "${COMET:?Comet·····}"
: "${PARAMS:?·····Comet····}"
: "${SPECTRUM:?··mzML····}"
test -s "$COMET" && test -s "$PARAMS" && test -s "$SPECTRUM"
mkdir comet-pilot-001
root="$PWD/comet-pilot-001"
(cd "$root" && "$COMET" -p > param-template.log 2>&1)
test -s "$root/comet.params.new"
sha256sum "$COMET" "$PARAMS" "$SPECTRUM" "$root/comet.params.new" > "$root/input.sha256"
/usr/bin/time -v -o "$root/resources.txt"   "$COMET" "-P$PARAMS" "-N$root/sample" "$SPECTRUM"   > "$root/run.log" 2>&1
test -s "$root/sample.pep.xml"
```

····· output_pepxmlfile = 1·····
·pepXML ····· FDR·····

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···· mzML·FASTA/···params ·····CPU·····
····· Comet ·····
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····· FASTA ·····Comet 2026.03 ····· PI/FI ·····
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····· PSM··· FDR
····· params ·····
····· PSM ·····

····· FDR ·····
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Comet··2026.03····· https://uwpr.github.io/Comet/parameters/parameters_202603/

Comet··2026.03····· https://uwpr.github.io/Comet/releases/release_202603.html

Comet····· https://uwpr.github.io/Comet/notes/