

### Step 1

Install 3.7.5

### Step 2

Install Compression license

### Step 3

Copy "lena.tar.gz" to local DRAGEN Server and untar in /opt/lena. Once done, here are the command line and options for Ora,

#### Command line options:

enable-ora	Run FASTQ file compress/decompress utility
ora-decompress	Decompress mode
ora-input	Input file(s) for compression or decompression
ora-reference	Compression reference and index file directory
ora-parallel-files	Number of files processed in parallel for standalone compressor (default 4, range 1-8)
ora-threads-per-file	Number of threads used for compressing each file (default 8, range 1-16)

#### Examples:

##### **compress**

```
dragen --enable-map-align false --enable-ora true --output-  
directory <dir> --ora-reference /opt/lena/lenadata/ --ora-input  
<file>.fastq.gz -force  
dragen --enable-map-align false --enable-ora true --output-  
directory <dir> --ora-reference /opt/lena/lenadata/ --fastq-list  
<fastq_list csv> --fastq-list-all-samples true --force
```

##### **decompress**

```
dragen --enable-map-align false --enable-ora true --ora-  
decompress true --output-directory <dir> --ora-reference  
/opt/lena/lenadata/ --ora-input <file>.fastq.ora --force
```

#### Notes:

- Without --force we don't overwrite, there will be error if file exists.
- --enable-map-align false is required.
- Ora reference must be shared with customer.
- Multiple files could be specified
  - --ora-input <file1> <file2> <file3> <file4>

- For compression, instead of `--ora-input`, a `fastq-list.csv` generated by BCL Convert or DRAGEN BCL can be used
  - All files in the fastq-list will be compressed, when specifying `--fastq-list <fastq_list csv> --fastq-list-all-samples true`
  - Files belonging to specific sample only can be compressed by specifying `--fastq-list <fastq_list csv> --fastq-list-sample-id <sample>`
- Read pairs are not compressed together in this version