

Bitacora para descargar archivos del SRA y GENOMAS del NCBI de Synechococcus ¶

Elaborado por: Dra. Edith Elizondo Reyna

Como parte de la estancia posdoctoral en el Departamento de Acuicultura bajo la dirección del Dr. Miguel Ángel del Río Portilla, CICESE, Ensenada. Período 2020-2021

A) Obtencion SRA

se descargó la última versión de las herramientas para descargar archivos de secuenciación masiva desde NCBI (<https://trace.ncbi.nlm.nih.gov/Traces/sra/sra.cgi?view=software>)

Se instalan siguiendo la guía rápida (<https://github.com/ncbi/sra-tools/wiki/03.-Quick-Toolkit-Configuration>)

```
In [2]: ls ~/
```

```
/bin/sh: cmd.exe: command not found
```

B) Obtencion GENOMAS

1.- Obtencion de genomas del GenBank **(<https://sites.google.com/a/ciad.mx/bioinformatica/home/genomi-de-genomas>) (lo modifique a Synechococcus)**

Es posible bajar varias secuencias de genomas (WGS) de GenBank automáticamente mediante comandos de terminal de una forma sencilla, mas o menos.

También se pueden bajar individualmente por ftp en la siguiente dirección
(<http://ftp.ncbi.nlm.nih.gov/genomes/genbank/bacteria/>)

Pasos a seguir:

- 1.-Obtener una lista de códigos de acceso para los genomas de interés, normalmente son algo así como AAOJ01.
- 2.-Crear un archivo que incluya estos accesos y la ruta html de donde se descargarán.
- 3.-Usar el comando wget para bajarlos a la computadora.
- 4.-Limpieza

1. Accesos

GenBank tiene un archivo llamado prokaryotes.txt con todos los genomas secuenciados de procariontes en la siguiente dirección
(http://ftp.ncbi.nlm.nih.gov/genomes/GENOME_REPORTS/)

Podemos obtener este archivo de mas de 12 MB de forma sencilla con el comando wget que se usa para descargar:

```
In [5]: ! wget http://ftp.ncbi.nlm.nih.gov/genomes/GENOME_REPOR
TS/prokaryotes.txt

--2020-12-16 15:58:53-- http://ftp.ncbi.nlm.nih.gov/g
enomes/GENOME_REPORTS/prokaryotes.txt
Resolving ftp.ncbi.nlm.nih.gov... 130.14.250.13, 2607:
f220:41e:250::12, 2607:f220:41e:250::7, ...
Connecting to ftp.ncbi.nlm.nih.gov|130.14.250.13|:80..
. connected.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://ftp.ncbi.nlm.nih.gov/genomes/GENOME_
REPORTS/prokaryotes.txt [following]
--2020-12-16 15:58:53-- https://ftp.ncbi.nlm.nih.gov/
genomes/GENOME_REPORTS/prokaryotes.txt
Connecting to ftp.ncbi.nlm.nih.gov|130.14.250.13|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: 90748147 (87M) [text/plain]
Saving to: "prokaryotes.txt"

100%[=====>] 90,748,1
47 12.8M/s in 33s

2020-12-16 15:59:27 (2.60 MB/s) - "prokaryotes.txt" sa
ved [90748147/90748147]
```

Este archivo contiene toda la información de los genomas en formato tabular, pero como contiene miles de entradas, es prácticamente imposible abrirlo con Excel o Word, por lo que tenemos que extraer la información que nos interesa con la terminal.

Supongamos que queremos obtener todos los genomas que contengan Synechococcus, entonces usaremos el comando grep que es un comando que se usa para buscar caracteres y contar el total de esos caracteres:

```
In [6]: ! grep -w Synechococcus prokaryotes.txt > Synechococcu
s.txt
```

```
In [10]: ! grep -w Synechococcus  prokaryotes.txt > Synechococcus.txt  
  
grep: PCC: No such file or directory
```

```
In [7]: !head Synechococcus.txt
```

Con este comando estamos pidiéndole a grep que busque en todas las líneas donde aparezca la palabra *Synechococcus* completa (-w) en el archivo *prokaryotes.txt* y que lo salve (>) a un nuevo archivo llamado *Synechococcus.txt*. Ahora tenemos un archivo más pequeño solo con la información que necesitamos.

De este archivo debemos sacar el código de acceso para cada genoma que está en la columna 13 para lo cual usamos el comando cut:

```
In [7]: ! cut -f 13 Synechococcus.txt | sort | sed -n '/-/?!p' > wgs_Synechococcus.txt
```

Estamos cortando solo la columna 13 del archivo *Synechococcus.txt* y ese resultado lo ordenamos alfabéticamente (sort), como es posible que no todos los genomas tengan código de acceso de WGS y solo aparezca un guión (-), se lo quitaremos con el comando sed; una vez hecho esto, lo salvamos a un nuevo archivo llamado *wgs_Synechococcus.txt*. Puedes usar el nombre de archivo que más te convenga.

2. Ruta

Tenemos un archivo con solo códigos de acceso de WGS por lo que necesitamos añadirle la ruta al principio de código y el tipo de archivo (fasta) a bajar al final para que quede de la siguiente forma para el WGS AAOJ01:

http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=AAOJ01.1.fsa_nt.gz
(http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=AAOJ01.1.fsa_nt.gz)

Esto lo podemos hacer con Excel, pero más fácil y rápido con comandos.

```
In [10]: ! awk '$0="http://www.ncbi.nlm.nih.gov/Traces/wgs/?download="$0' wgs_Synechococcus.txt | awk '{print $0".1.fsa_nt.gz"}' > wget_Synechococcus.txt
```

Con awk le ponemos al principio de cada código la ruta y al final el tipo de archivo y lo salvamos como un nuevo archivo llamado ahora wget_Synechococcus.txt; ahora solo nos resta bajar los genomas en formato fasta (fsa). Si queremos los genomas en formato GenBank, en el comando anterior cambiamos .1.fsa_nt.gz por .1.gbff_nt.gz

\$0 → Mostrar la línea completa

awk → Su utilización estándar es la de filtrar ficheros o salida de comandos de UNIX

awk '{print \$0 ".1.fsa_nt.gz"}' → le ponemos al principio de cada código la ruta y al final el tipo de archivo y lo salvamos en fasta

El uso básico de AWK es: awk [condicion] { comandos }

3. Descarga

Quizá sea conveniente antes de iniciar la descarga saber cuantos genomas vamos a descargar, esto lo podemos hacer con el comando word count (wc):

wc -l es usado para conteo de las lineas de un archivo

```
In [11]: ! wc -l wget_Synechococcus.txt
```

```
232 wget_Synechococcus.txt
```

Nos dice cuantos renglones (genomas) tiene el archivo wget_Synechococcus.txt

Con el archivo anterior ahora podemos bajar los genomas con wget: wget -i descarga archivo mencionado

```
In [12]: ! wget -i wget_Synechococcus.txt
```

```
--2020-12-16 16:05:24-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1103.1.fsa_nt.gz
Resolving www.ncbi.nlm.nih.gov... 130.14.29.110, 2607:f220:41e:4290::110
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1103.1.fsa_nt.gz [following]
--2020-12-16 16:05:24-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1103.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1103.1.fsa_nt.gz"

[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:05:25 (120 MB/s) - "index.html?download=1103.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:25-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1107.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1107.1.fsa_nt.gz [following]
--2020-12-16 16:05:25-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1107.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1107.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:25 (133 MB/s) - "index.html?download=1107.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:25-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1238.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1238.1.fsa_nt.gz [following]
--2020-12-16 16:05:25-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1238.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1238.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:26 (71.7 MB/s) - "index.html?download
```

=1238.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:26-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1332.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1332.1.fsa_nt.gz [following]

--2020-12-16 16:05:26-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1332.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1332.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:26 (148 MB/s) - "index.html?download=1332.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:26-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1341.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1341.1.fsa_nt.gz [following]

--2020-12-16 16:05:26-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1341.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1341.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:27 (136 MB/s) - "index.html?download=1341.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:27-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1360.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1360.1.fsa_nt.gz [following]

--2020-12-16 16:05:27-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1360.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1360.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:27 (104 MB/s) - "index.html?download=1360.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:27-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1397.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1397.1.fsa_nt.gz [following]

--2020-12-16 16:05:27-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1397.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1397.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:05:28 (74.3 MB/s) - "index.html?download
=1397.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:28-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1403.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1403.1.fsa_nt.gz [following]
--2020-12-16 16:05:28-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1403.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1403.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:05:28 (73.6 MB/s) - "index.html?download
=1403.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:28-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1410.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1410.1.fsa_nt.gz [following]
--2020-12-16 16:05:28-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1410.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=1410.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:29 (134 MB/s) - "index.html?download=1410.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:29-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1416.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1416.1.fsa_nt.gz [following]

--2020-12-16 16:05:29-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1416.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1416.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:29 (69.0 MB/s) - "index.html?download=1416.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:29-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1450.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1450.1.fsa_nt.gz [following]

--2020-12-16 16:05:29-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1450.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1450.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:30 (138 MB/s) - "index.html?download=1450.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:30-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1487.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1487.1.fsa_nt.gz [following]

--2020-12-16 16:05:30-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1487.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1487.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:31 (102 MB/s) - "index.html?download=1487.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:31-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1490.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1490.1.fsa_nt.gz [following]

--2020-12-16 16:05:31-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1490.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1490.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:31 (131 MB/s) - "index.html?download=
1490.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:31-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1534.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1534.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:05:31-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1534.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1534.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:32 (165 MB/s) - "index.html?download=
1534.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:32-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1546.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1546.1.fsa_nt.gz [following]
```

--2020-12-16 16:05:32-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1546.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1546.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:32 (158 MB/s) - "index.html?download=1546.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:32-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1563.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1563.1.fsa_nt.gz [following]

--2020-12-16 16:05:32-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1563.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1563.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:33 (75.1 MB/s) - "index.html?download=1563.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:33-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1581.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1581.1.fsa_nt.gz [following]
--2020-12-16 16:05:33-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1581.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1581.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:33 (161 MB/s) - "index.html?download=1581.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:33-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1589.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1589.1.fsa_nt.gz [following]
--2020-12-16 16:05:33-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1589.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1589.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:34 (158 MB/s) - "index.html?download=1589.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:34-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1590.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1590.1.fsa_nt.gz [following]
--2020-12-16 16:05:34-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1590.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1590.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:34 (135 MB/s) - "index.html?download=1590.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:34-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1596.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1596.1.fsa_nt.gz [following]
--2020-12-16 16:05:34-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1596.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1596.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:35 (154 MB/s) - "index.html?download=1596.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:35-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1612.1.fsa_nt.gz


```
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1612.1.fsa_nt.gz [following]
--2020-12-16 16:05:35-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1612.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1612.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0.02s
```

```
2020-12-16 16:05:35 (522 KB/s) - "index.html?download=
1612.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:35-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1663.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1663.1.fsa_nt.gz [following]
--2020-12-16 16:05:35-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1663.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1663.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:36 (161 MB/s) - "index.html?download=
1663.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:36-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1694.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1694.1.fsa_nt.gz [following]
--2020-12-16 16:05:36-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1694.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1694.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:36 (133 MB/s) - "index.html?download=1694.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:36-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1699.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1699.1.fsa_nt.gz [following]
--2020-12-16 16:05:36-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1699.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1699.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:37 (81.3 MB/s) - "index.html?download
```

=1699.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:37-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1742.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1742.1.fsa_nt.gz [following]

--2020-12-16 16:05:37-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1742.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1742.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:37 (155 MB/s) - "index.html?download=1742.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:37-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1756.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1756.1.fsa_nt.gz [following]

--2020-12-16 16:05:37-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1756.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1756.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:38 (142 MB/s) - "index.html?download=1756.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:38-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1769.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1769.1.fsa_nt.gz [following]

--2020-12-16 16:05:38-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1769.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1769.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:38 (157 MB/s) - "index.html?download=1769.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:38-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1778.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1778.1.fsa_nt.gz [following]

--2020-12-16 16:05:38-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1778.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1778.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:05:39 (141 MB/s) - "index.html?download=
1778.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:39-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1789.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1789.1.fsa_nt.gz [following]
--2020-12-16 16:05:39-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1789.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1789.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:05:39 (89.6 MB/s) - "index.html?download
=1789.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:39-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1798.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1798.1.fsa_nt.gz [following]
--2020-12-16 16:05:39-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1798.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=1798.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:40 (82.6 MB/s) - "index.html?download=1798.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:40-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1825.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1825.1.fsa_nt.gz [following]

--2020-12-16 16:05:40-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1825.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1825.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0.02s

2020-12-16 16:05:40 (507 KB/s) - "index.html?download=1825.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:40-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1844.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1844.1.fsa_nt.gz [following]

--2020-12-16 16:05:41-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1844.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1844.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:41 (139 MB/s) - "index.html?download=1844.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:41-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1846.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1846.1.fsa_nt.gz [following]

--2020-12-16 16:05:41-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1846.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1846.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:41 (142 MB/s) - "index.html?download=1846.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:41-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1849.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
.. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1849.1.fsa_nt.gz [following]

--2020-12-16 16:05:42-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1849.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1849.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:42 (74.1 MB/s) - "index.html?download=1849.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:42-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1869.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Permanently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1869.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:05:42-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1869.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1869.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:43 (141 MB/s) - "index.html?download=1869.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:43-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1878.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Permanently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1878.1.fsa_nt.gz [following]
```



```
--2020-12-16 16:05:43-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1878.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1878.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:43 (138 MB/s) - "index.html?download=
1878.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:43-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1885.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1885.1.fsa_nt.gz [following]
--2020-12-16 16:05:43-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1885.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1885.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:44 (153 MB/s) - "index.html?download=
1885.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:44-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1885.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1885.1.fsa_nt.gz [following]
--2020-12-16 16:05:44-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1885.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1885.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:44 (73.5 MB/s) - "index.html?download=1885.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:05:44-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1910.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1910.1.fsa_nt.gz [following]
--2020-12-16 16:05:44-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1910.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1910.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:45 (137 MB/s) - "index.html?download=1910.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:45-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1920.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1920.1.fsa_nt.gz [following]
--2020-12-16 16:05:45-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1920.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1920.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:45 (104 MB/s) - "index.html?download=1920.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:45-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1925.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1925.1.fsa_nt.gz [following]
--2020-12-16 16:05:45-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1925.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1925.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:46 (131 MB/s) - "index.html?download=1925.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:46-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1934.1.fsa_nt.gz

```
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1934.1.fsa_nt.gz [following]
--2020-12-16 16:05:46-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1934.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1934.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:46 (69.3 MB/s) - "index.html?download
=1934.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:46-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=1937.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=1937.1.fsa_nt.gz [following]
--2020-12-16 16:05:47-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=1937.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1937.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:47 (149 MB/s) - "index.html?download=
1937.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:47-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1937.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1937.1.fsa_nt.gz [following]
--2020-12-16 16:05:47-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1937.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1937.1.fsa_nt.gz.1"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:47 (146 MB/s) - "index.html?download=1937.1.fsa_nt.gz.1" saved [8055]
```

```
--2020-12-16 16:05:47-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1942.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80.. connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1942.1.fsa_nt.gz [following]
--2020-12-16 16:05:48-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1942.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1942.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:48 (149 MB/s) - "index.html?download=
```

1942.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:48-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1951.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1951.1.fsa_nt.gz [following]

--2020-12-16 16:05:48-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1951.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1951.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:48 (74.0 MB/s) - "index.html?download=1951.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:48-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1958.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1958.1.fsa_nt.gz [following]

--2020-12-16 16:05:49-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1958.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1958.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:49 (158 MB/s) - "index.html?download=1958.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:49-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1964.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1964.1.fsa_nt.gz [following]

--2020-12-16 16:05:49-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1964.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1964.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:50 (135 MB/s) - "index.html?download=1964.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:50-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1992.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1992.1.fsa_nt.gz [following]

--2020-12-16 16:05:50-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1992.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=1992.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:05:50 (86.8 MB/s) - "index.html?download=1992.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:50-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1997.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1997.1.fsa_nt.gz [following]
--2020-12-16 16:05:50-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=1997.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=1997.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:05:51 (141 MB/s) - "index.html?download=1997.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:51-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2010.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2010.1.fsa_nt.gz [following]
--2020-12-16 16:05:51-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2010.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```


Saving to: "index.html?download=2010.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0.03s

2020-12-16 16:05:51 (313 KB/s) - "index.html?download=2010.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:51-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2018.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2018.1.fsa_nt.gz [following]

--2020-12-16 16:05:51-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2018.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2018.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:52 (160 MB/s) - "index.html?download=2018.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:52-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2024.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2024.1.fsa_nt.gz [following]

--2020-12-16 16:05:52-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2024.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2024.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:52 (162 MB/s) - "index.html?download=2024.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:52-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2025.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2025.1.fsa_nt.gz [following]

--2020-12-16 16:05:52-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2025.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2025.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:53 (162 MB/s) - "index.html?download=2025.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:53-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2039.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2039.1.fsa_nt.gz [following]

--2020-12-16 16:05:53-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2039.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2039.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:53 (74.2 MB/s) - "index.html?download=2039.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:53-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2041.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
```

```
HTTP request sent, awaiting response... 301 Moved Permanently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2041.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:05:53-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2041.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
```

```
Length: unspecified [text/html]
```

```
Saving to: "index.html?download=2041.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:54 (138 MB/s) - "index.html?download=2041.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:54-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2082.1.fsa_nt.gz
```

```
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
```

```
HTTP request sent, awaiting response... 301 Moved Permanently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2082.1.fsa_nt.gz [following]
```

--2020-12-16 16:05:54-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2082.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2082.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:54 (75.2 MB/s) - "index.html?download=2082.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:54-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2090.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2090.1.fsa_nt.gz [following]

--2020-12-16 16:05:54-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2090.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2090.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:55 (96.9 MB/s) - "index.html?download=2090.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:55-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2095.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2095.1.fsa_nt.gz [following]
--2020-12-16 16:05:55-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2095.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2095.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:55 (136 MB/s) - "index.html?download=2095.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:55-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2117.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2117.1.fsa_nt.gz [following]
--2020-12-16 16:05:55-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2117.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2117.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:56 (122 MB/s) - "index.html?download=2117.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:56-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2125.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2125.1.fsa_nt.gz [following]
--2020-12-16 16:05:56-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2125.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2125.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:56 (152 MB/s) - "index.html?download=2125.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:56-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2181.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2181.1.fsa_nt.gz [following]
--2020-12-16 16:05:56-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2181.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2181.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0.02s

2020-12-16 16:05:56 (362 KB/s) - "index.html?download=2181.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:56-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2212.1.fsa_nt.gz

```
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2212.1.fsa_nt.gz [following]
--2020-12-16 16:05:57-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2212.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2212.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:57 (73.4 MB/s) - "index.html?download
=2212.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:57-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2220.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2220.1.fsa_nt.gz [following]
--2020-12-16 16:05:57-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2220.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2220.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:58 (153 MB/s) - "index.html?download=
2220.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:58-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2222.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2222.1.fsa_nt.gz [following]
--2020-12-16 16:05:58-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2222.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2222.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:58 (108 MB/s) - "index.html?download=2222.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:05:58-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2246.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2246.1.fsa_nt.gz [following]
--2020-12-16 16:05:58-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2246.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2246.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:05:59 (96.1 MB/s) - "index.html?download
```


=2246.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:59-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2252.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2252.1.fsa_nt.gz [following]

--2020-12-16 16:05:59-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2252.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2252.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:05:59 (134 MB/s) - "index.html?download=2252.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:05:59-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2297.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2297.1.fsa_nt.gz [following]

--2020-12-16 16:05:59-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2297.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2297.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:00 (137 MB/s) - "index.html?download=2297.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:00-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2298.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2298.1.fsa_nt.gz [following]

--2020-12-16 16:06:00-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2298.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2298.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:00 (68.2 MB/s) - "index.html?download=2298.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:00-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2312.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2312.1.fsa_nt.gz [following]

--2020-12-16 16:06:00-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2312.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2312.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:01 (152 MB/s) - "index.html?download=
2312.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:01-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2312.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2312.1.fsa_nt.gz [following]
--2020-12-16 16:06:01-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2312.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2312.1.fsa_nt.gz.1"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:01 (122 MB/s) - "index.html?download=
2312.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:06:01-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2314.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2314.1.fsa_nt.gz [following]
--2020-12-16 16:06:01-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2314.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=2314.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0.04s

2020-12-16 16:06:02 (182 KB/s) - "index.html?download=2314.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:02-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2319.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2319.1.fsa_nt.gz [following]

--2020-12-16 16:06:02-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2319.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2319.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:02 (137 MB/s) - "index.html?download=2319.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:02-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2326.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2326.1.fsa_nt.gz [following]

--2020-12-16 16:06:02-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2326.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2326.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:03 (140 MB/s) - "index.html?download=2326.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:03-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2338.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2338.1.fsa_nt.gz [following]

--2020-12-16 16:06:03-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2338.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2338.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:03 (80.7 MB/s) - "index.html?download=2338.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:03-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2341.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2341.1.fsa_nt.gz [following]

--2020-12-16 16:06:03-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2341.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2341.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:04 (73.8 MB/s) - "index.html?download
=2341.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:04-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2354.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2354.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:04-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2354.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2354.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:04 (74.6 MB/s) - "index.html?download
=2354.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:04-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2359.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
```

```
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2359.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:06-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2359.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2359.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0.05s
```

```
2020-12-16 16:06:07 (153 KB/s) - "index.html?download=
2359.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:07-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2364.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2364.1.fsa_nt.gz [following]
--2020-12-16 16:06:07-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2364.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2364.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:07 (147 MB/s) - "index.html?download=
2364.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:07-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2373.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2373.1.fsa_nt.gz [following]
--2020-12-16 16:06:07-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2373.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2373.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:08 (138 MB/s) - "index.html?download=2373.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:08-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2382.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2382.1.fsa_nt.gz [following]
--2020-12-16 16:06:08-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2382.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2382.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:08 (139 MB/s) - "index.html?download=2382.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:08-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2388.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2388.1.fsa_nt.gz [following]
--2020-12-16 16:06:09-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2388.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2388.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:09 (136 MB/s) - "index.html?download=2388.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:09-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2390.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2390.1.fsa_nt.gz [following]
--2020-12-16 16:06:09-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2390.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2390.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:10 (142 MB/s) - "index.html?download=2390.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:10-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2393.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2393.1.fsa_nt.gz [following]
--2020-12-16 16:06:10-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2393.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2393.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:10 (74.2 MB/s) - "index.html?download=2393.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:10-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2430.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2430.1.fsa_nt.gz [following]
--2020-12-16 16:06:11-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2430.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2430.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:11 (139 MB/s) - "index.html?download=2430.1.fsa_nt.gz" saved [8055]

```
--2020-12-16 16:06:11-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2446.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2446.1.fsa_nt.gz [following]
--2020-12-16 16:06:11-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2446.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2446.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:11 (138 MB/s) - "index.html?download=2446.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:11-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2456.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2456.1.fsa_nt.gz [following]
--2020-12-16 16:06:11-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2456.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2456.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:12 (157 MB/s) - "index.html?download=
```

2456.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:12-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2459.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2459.1.fsa_nt.gz [following]

--2020-12-16 16:06:12-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2459.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2459.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:12 (139 MB/s) - "index.html?download=2459.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:12-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2477.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
.. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2477.1.fsa_nt.gz [following]

--2020-12-16 16:06:13-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2477.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2477.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:13 (139 MB/s) - "index.html?download=2477.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:13-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2477.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2477.1.fsa_nt.gz [following]

--2020-12-16 16:06:13-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2477.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2477.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:13 (74.0 MB/s) - "index.html?download=2477.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:06:13-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2478.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2478.1.fsa_nt.gz [following]

--2020-12-16 16:06:14-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2478.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2478.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:14 (139 MB/s) - "index.html?download=
2478.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:14-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2482.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2482.1.fsa_nt.gz [following]
--2020-12-16 16:06:14-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2482.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2482.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0.02s

2020-12-16 16:06:14 (339 KB/s) - "index.html?download=
2482.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:14-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2484.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2484.1.fsa_nt.gz [following]
--2020-12-16 16:06:15-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2484.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=2484.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:15 (86.9 MB/s) - "index.html?download=2484.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:15-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2490.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2490.1.fsa_nt.gz [following]

--2020-12-16 16:06:15-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2490.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2490.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:15 (154 MB/s) - "index.html?download=2490.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:15-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2492.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2492.1.fsa_nt.gz [following]

--2020-12-16 16:06:16-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2492.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2492.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:16 (73.9 MB/s) - "index.html?download=2492.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:16-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2492.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2492.1.fsa_nt.gz [following]

--2020-12-16 16:06:16-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2492.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2492.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:16 (79.3 MB/s) - "index.html?download=2492.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:06:16-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2495.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2495.1.fsa_nt.gz [following]

--2020-12-16 16:06:17-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2495.1.fsa_nt.gz


```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2495.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:17 (137 MB/s) - "index.html?download=
2495.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:17-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2498.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... No data receiv
ed.
Retrying.
```

```
--2020-12-16 16:06:19-- (try: 2) http://www.ncbi.nlm
.nih.gov/Traces/wgs/?download=2498.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2498.1.fsa_nt.gz [following]
--2020-12-16 16:06:19-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2498.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2498.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:19 (137 MB/s) - "index.html?download=
2498.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:19-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2507.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... No data received.
Retrying.
```

```
--2020-12-16 16:06:21-- (try: 2) http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2507.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80...
. connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2507.1.fsa_nt.gz [following]
--2020-12-16 16:06:21-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2507.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443...
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2507.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:22 (144 MB/s) - "index.html?download=2507.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:22-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2515.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2515.1.fsa_nt.gz [following]
--2020-12-16 16:06:22-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2515.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443...
.. connected.
```

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2515.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:22 (63.3 MB/s) - "index.html?download=2515.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:22-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2517.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2517.1.fsa_nt.gz [following]

--2020-12-16 16:06:22-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2517.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2517.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:23 (145 MB/s) - "index.html?download=2517.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:23-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2519.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2519.1.fsa_nt.gz [following]

--2020-12-16 16:06:23-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2519.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2519.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:23 (62.5 MB/s) - "index.html?download=2519.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:23-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2523.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Permanently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2523.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:23-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2523.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2523.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:24 (144 MB/s) - "index.html?download=2523.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:24-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2524.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Permanently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2524.1.fsa_nt.gz [following]
```

--2020-12-16 16:06:24-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2524.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2524.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:24 (141 MB/s) - "index.html?download=2524.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:24-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz [following]

--2020-12-16 16:06:24-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2530.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:25 (83.4 MB/s) - "index.html?download=2530.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:25-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz [following]
--2020-12-16 16:06:25-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2530.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:25 (98.6 MB/s) - "index.html?download=2530.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:06:25-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz [following]
--2020-12-16 16:06:25-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2530.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2530.1.fsa_nt.gz.2"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:26 (73.4 MB/s) - "index.html?download=2530.1.fsa_nt.gz.2" saved [8055]

--2020-12-16 16:06:26-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2534.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2534.1.fsa_nt.gz [following]
--2020-12-16 16:06:26-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2534.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2534.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:26 (128 MB/s) - "index.html?download=2534.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:26-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2535.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2535.1.fsa_nt.gz [following]
--2020-12-16 16:06:26-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2535.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2535.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:27 (137 MB/s) - "index.html?download=2535.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:27-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2535.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2535.1.fsa_nt.gz [following]
--2020-12-16 16:06:27-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2535.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2535.1.fsa_nt.gz.1"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:27 (84.2 MB/s) - "index.html?download
=2535.1.fsa_nt.gz.1" saved [8055]
```

```
--2020-12-16 16:06:27-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2538.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2538.1.fsa_nt.gz [following]
--2020-12-16 16:06:27-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2538.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2538.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:28 (69.0 MB/s) - "index.html?download
=2538.1.fsa_nt.gz" saved [8055]
```



```
--2020-12-16 16:06:28-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2539.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2539.1.fsa_nt.gz [following]
--2020-12-16 16:06:28-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2539.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2539.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:28 (139 MB/s) - "index.html?download=2539.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:28-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2543.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2543.1.fsa_nt.gz [following]
--2020-12-16 16:06:28-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2543.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2543.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:28 (103 MB/s) - "index.html?download=
```

2543.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:28-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2544.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2544.1.fsa_nt.gz [following]

--2020-12-16 16:06:29-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2544.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2544.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:29 (136 MB/s) - "index.html?download=2544.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:29-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2545.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2545.1.fsa_nt.gz [following]

--2020-12-16 16:06:29-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2545.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2545.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:29 (151 MB/s) - "index.html?download=2545.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:29-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2547.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2547.1.fsa_nt.gz [following]

--2020-12-16 16:06:30-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2547.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2547.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:30 (66.2 MB/s) - "index.html?download=2547.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:30-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2550.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2550.1.fsa_nt.gz [following]

--2020-12-16 16:06:30-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2550.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2550.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:30 (127 MB/s) - "index.html?download=
2550.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:30-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2552.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2552.1.fsa_nt.gz [following]
--2020-12-16 16:06:30-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2552.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2552.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:31 (157 MB/s) - "index.html?download=
2552.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:31-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2554.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2554.1.fsa_nt.gz [following]
--2020-12-16 16:06:31-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2554.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=2554.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:31 (66.6 MB/s) - "index.html?download=2554.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:31-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2555.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2555.1.fsa_nt.gz [following]

--2020-12-16 16:06:31-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2555.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2555.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:32 (74.2 MB/s) - "index.html?download=2555.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:32-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2559.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
.. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2559.1.fsa_nt.gz [following]

--2020-12-16 16:06:32-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2559.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2559.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:32 (140 MB/s) - "index.html?download=2559.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:32-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2563.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2563.1.fsa_nt.gz [following]

--2020-12-16 16:06:32-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2563.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2563.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:33 (140 MB/s) - "index.html?download=2563.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:33-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2563.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2563.1.fsa_nt.gz [following]

--2020-12-16 16:06:33-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2563.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2563.1.fsa_nt.gz.1"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:33 (137 MB/s) - "index.html?download=
2563.1.fsa_nt.gz.1" saved [8055]
```

```
--2020-12-16 16:06:33-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2564.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2564.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:33-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2564.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2564.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:34 (74.3 MB/s) - "index.html?download
=2564.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:34-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2569.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2569.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:34-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2569.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2569.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:34 (140 MB/s) - "index.html?download=
2569.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:34-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2571.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2571.1.fsa_nt.gz [following]
--2020-12-16 16:06:34-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2571.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2571.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:35 (140 MB/s) - "index.html?download=
2571.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:35-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2572.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```


Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2572.1.fsa_nt.gz [following]
--2020-12-16 16:06:35-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2572.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2572.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:35 (141 MB/s) - "index.html?download=2572.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:35-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2574.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2574.1.fsa_nt.gz [following]
--2020-12-16 16:06:35-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2574.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2574.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:35 (74.6 MB/s) - "index.html?download=2574.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:35-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2575.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

```
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2575.1.fsa_nt.gz [following]
--2020-12-16 16:06:36-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2575.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2575.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:36 (84.7 MB/s) - "index.html?download
=2575.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:36-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2575.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2575.1.fsa_nt.gz [following]
--2020-12-16 16:06:36-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2575.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2575.1.fsa_nt.gz.1"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:36 (73.5 MB/s) - "index.html?download
=2575.1.fsa_nt.gz.1" saved [8055]
```

```
--2020-12-16 16:06:36-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2586.1.fsa_nt.gz
```

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2586.1.fsa_nt.gz [following]
--2020-12-16 16:06:36-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2586.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2586.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:37 (132 MB/s) - "index.html?download=2586.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:37-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2586.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
.. connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2586.1.fsa_nt.gz [following]
--2020-12-16 16:06:37-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2586.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2586.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:37 (81.7 MB/s) - "index.html?download=2586.1.fsa_nt.gz.1" saved [8055]

```
--2020-12-16 16:06:37-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2588.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2588.1.fsa_nt.gz [following]
--2020-12-16 16:06:37-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2588.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2588.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:38 (70.0 MB/s) - "index.html?download=2588.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:38-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2592.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2592.1.fsa_nt.gz [following]
--2020-12-16 16:06:38-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2592.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2592.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:38 (156 MB/s) - "index.html?download=
```

2592.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:38-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2594.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2594.1.fsa_nt.gz [following]

--2020-12-16 16:06:38-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2594.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2594.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:39 (75.7 MB/s) - "index.html?download=2594.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:39-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2604.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2604.1.fsa_nt.gz [following]

--2020-12-16 16:06:39-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2604.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2604.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:39 (57.0 MB/s) - "index.html?download=2604.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:39-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2604.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2604.1.fsa_nt.gz [following]

--2020-12-16 16:06:39-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2604.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2604.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:40 (155 MB/s) - "index.html?download=2604.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:06:40-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2610.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2610.1.fsa_nt.gz [following]

--2020-12-16 16:06:40-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2610.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2610.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:40 (140 MB/s) - "index.html?download=
2610.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:40-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2615.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2615.1.fsa_nt.gz [following]
--2020-12-16 16:06:40-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2615.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2615.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:41 (70.6 MB/s) - "index.html?download
=2615.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:41-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2617.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2617.1.fsa_nt.gz [following]
--2020-12-16 16:06:41-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2617.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=2617.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:41 (88.7 MB/s) - "index.html?download=2617.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:41-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2619.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2619.1.fsa_nt.gz [following]

--2020-12-16 16:06:41-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2619.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2619.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0.06s

2020-12-16 16:06:45 (124 KB/s) - "index.html?download=2619.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:45-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2621.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
.. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2621.1.fsa_nt.gz [following]

--2020-12-16 16:06:45-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2621.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2621.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:45 (111 MB/s) - "index.html?download=2621.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:45-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2623.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2623.1.fsa_nt.gz [following]

--2020-12-16 16:06:45-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2623.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2623.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:47 (85.1 MB/s) - "index.html?download=2623.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:47-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2631.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
.. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2631.1.fsa_nt.gz [following]

--2020-12-16 16:06:47-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2631.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2631.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:47 (96.0 MB/s) - "index.html?download
=2631.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:47-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2632.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2632.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:48-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2632.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2632.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:48 (74.3 MB/s) - "index.html?download
=2632.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:48-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2637.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2637.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:48-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2637.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2637.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:48 (158 MB/s) - "index.html?download=
2637.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:48-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2641.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2641.1.fsa_nt.gz [following]
--2020-12-16 16:06:48-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2641.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2641.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:49 (120 MB/s) - "index.html?download=
2641.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:49-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2645.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2645.1.fsa_nt.gz [following]
--2020-12-16 16:06:49-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2645.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2645.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:49 (155 MB/s) - "index.html?download=2645.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:49-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2651.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2651.1.fsa_nt.gz [following]
--2020-12-16 16:06:49-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2651.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2651.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:50 (132 MB/s) - "index.html?download=2651.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:50-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2652.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2652.1.fsa_nt.gz [following]
--2020-12-16 16:06:50-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2652.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2652.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:50 (75.8 MB/s) - "index.html?download=2652.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:50-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2655.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2655.1.fsa_nt.gz [following]
--2020-12-16 16:06:50-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2655.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2655.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:51 (119 MB/s) - "index.html?download=2655.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:51-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2675.1.fsa_nt.gz

```
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2675.1.fsa_nt.gz [following]
--2020-12-16 16:06:51-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2675.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2675.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:51 (148 MB/s) - "index.html?download=
2675.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:51-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2676.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2676.1.fsa_nt.gz [following]
--2020-12-16 16:06:51-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2676.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2676.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:52 (75.4 MB/s) - "index.html?download
=2676.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:52-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2677.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2677.1.fsa_nt.gz [following]
--2020-12-16 16:06:52-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2677.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2677.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:52 (76.3 MB/s) - "index.html?download=2677.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:52-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2678.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2678.1.fsa_nt.gz [following]
--2020-12-16 16:06:53-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2678.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2678.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:53 (83.4 MB/s) - "index.html?download
```

=2678.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:53-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2679.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2679.1.fsa_nt.gz [following]

--2020-12-16 16:06:53-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2679.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2679.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:53 (75.5 MB/s) - "index.html?download=2679.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:53-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2683.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2683.1.fsa_nt.gz [following]

--2020-12-16 16:06:54-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2683.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2683.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:54 (146 MB/s) - "index.html?download=2683.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:54-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2684.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2684.1.fsa_nt.gz [following]

--2020-12-16 16:06:54-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2684.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2684.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:54 (144 MB/s) - "index.html?download=2684.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:54-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2685.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2685.1.fsa_nt.gz [following]

--2020-12-16 16:06:54-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2685.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2685.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:55 (74.7 MB/s) - "index.html?download=2685.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:55-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2693.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2693.1.fsa_nt.gz [following]
--2020-12-16 16:06:55-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2693.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2693.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:06:55 (144 MB/s) - "index.html?download=2693.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:55-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2696.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2696.1.fsa_nt.gz [following]
--2020-12-16 16:06:56-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2696.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=2696.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:56 (143 MB/s) - "index.html?download=2696.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:56-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2696.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2696.1.fsa_nt.gz [following]

--2020-12-16 16:06:56-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2696.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2696.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:56 (73.5 MB/s) - "index.html?download=2696.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:06:56-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2701.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2701.1.fsa_nt.gz [following]

--2020-12-16 16:06:56-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2701.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2701.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:57 (156 MB/s) - "index.html?download=2701.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:57-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2702.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2702.1.fsa_nt.gz [following]

--2020-12-16 16:06:57-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2702.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2702.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:06:57 (162 MB/s) - "index.html?download=2702.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:06:57-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2705.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2705.1.fsa_nt.gz [following]

--2020-12-16 16:06:57-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2705.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2705.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:58 (138 MB/s) - "index.html?download=
2705.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:58-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2706.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
```

```
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2706.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:58-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2706.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
```

```
Length: unspecified [text/html]
```

```
Saving to: "index.html?download=2706.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:58 (73.2 MB/s) - "index.html?download
=2706.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:58-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2715.1.fsa_nt.gz
```

```
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
```

```
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2715.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:06:58-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2715.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2715.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:59 (137 MB/s) - "index.html?download=
2715.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:59-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2717.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2717.1.fsa_nt.gz [following]
--2020-12-16 16:06:59-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2717.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2717.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:06:59 (139 MB/s) - "index.html?download=
2717.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:06:59-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2722.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2722.1.fsa_nt.gz [following]
--2020-12-16 16:06:59-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2722.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2722.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:00 (156 MB/s) - "index.html?download=2722.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:00-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2722.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2722.1.fsa_nt.gz [following]
--2020-12-16 16:07:00-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2722.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2722.1.fsa_nt.gz.1"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:00 (139 MB/s) - "index.html?download=2722.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:07:00-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2725.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2725.1.fsa_nt.gz [following]
--2020-12-16 16:07:00-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2725.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2725.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:01 (123 MB/s) - "index.html?download=2725.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:01-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2728.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2728.1.fsa_nt.gz [following]
--2020-12-16 16:07:01-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2728.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2728.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:01 (72.6 MB/s) - "index.html?download=2728.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:01-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2729.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2729.1.fsa_nt.gz [following]
--2020-12-16 16:07:01-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2729.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2729.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:02 (139 MB/s) - "index.html?download=2729.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:02-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2732.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2732.1.fsa_nt.gz [following]
--2020-12-16 16:07:02-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2732.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2732.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:02 (134 MB/s) - "index.html?download=2732.1.fsa_nt.gz" saved [8055]

```
--2020-12-16 16:07:02-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2732.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2732.1.fsa_nt.gz [following]
--2020-12-16 16:07:02-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2732.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2732.1.fsa_nt.gz.1"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:02 (91.0 MB/s) - "index.html?download=2732.1.fsa_nt.gz.1" saved [8055]
```

```
--2020-12-16 16:07:02-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2738.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2738.1.fsa_nt.gz [following]
--2020-12-16 16:07:03-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2738.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2738.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:03 (136 MB/s) - "index.html?download=
```

2738.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:03-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2753.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2753.1.fsa_nt.gz [following]

--2020-12-16 16:07:03-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2753.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2753.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:03 (73.9 MB/s) - "index.html?download=2753.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:03-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2755.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2755.1.fsa_nt.gz [following]

--2020-12-16 16:07:04-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2755.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2755.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:04 (150 MB/s) - "index.html?download=2755.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:04-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2757.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2757.1.fsa_nt.gz [following]

--2020-12-16 16:07:04-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2757.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2757.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:04 (136 MB/s) - "index.html?download=2757.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:04-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2757.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2757.1.fsa_nt.gz [following]

--2020-12-16 16:07:04-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2757.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2757.1.fsa_nt.gz.1"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:07:05 (139 MB/s) - "index.html?download=
2757.1.fsa_nt.gz.1" saved [8055]

--2020-12-16 16:07:05-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2766.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2766.1.fsa_nt.gz [following]
--2020-12-16 16:07:05-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2766.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2766.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:07:05 (71.6 MB/s) - "index.html?download
=2766.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:05-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2768.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2768.1.fsa_nt.gz [following]
--2020-12-16 16:07:05-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2768.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=2768.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0.06s

2020-12-16 16:07:06 (137 KB/s) - "index.html?download=2768.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:06-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2779.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2779.1.fsa_nt.gz [following]

--2020-12-16 16:07:06-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2779.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2779.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:06 (66.1 MB/s) - "index.html?download=2779.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:06-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2787.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2787.1.fsa_nt.gz [following]

--2020-12-16 16:07:06-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2787.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2787.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:07 (81.0 MB/s) - "index.html?download=2787.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:07-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2792.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2792.1.fsa_nt.gz [following]

--2020-12-16 16:07:07-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2792.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2792.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:07 (152 MB/s) - "index.html?download=2792.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:07-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2804.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2804.1.fsa_nt.gz [following]

--2020-12-16 16:07:07-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2804.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2804.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:08 (73.7 MB/s) - "index.html?download
=2804.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:08-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2810.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2810.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:07:08-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2810.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2810.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:08 (90.5 MB/s) - "index.html?download
=2810.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:08-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2831.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
```

```
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2831.1.fsa_nt.gz [following]
```



```
--2020-12-16 16:07:08-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2831.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2831.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:09 (135 MB/s) - "index.html?download=
2831.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:09-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2846.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=2846.1.fsa_nt.gz [following]
--2020-12-16 16:07:09-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=2846.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2846.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:09 (138 MB/s) - "index.html?download=
2846.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:09-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=2853.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2853.1.fsa_nt.gz [following]
--2020-12-16 16:07:09-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2853.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2853.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:10 (112 MB/s) - "index.html?download=2853.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:10-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2863.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2863.1.fsa_nt.gz [following]
--2020-12-16 16:07:10-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2863.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2863.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:10 (140 MB/s) - "index.html?download=2863.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:10-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2864.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2864.1.fsa_nt.gz [following]
--2020-12-16 16:07:10-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2864.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2864.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:11 (73.0 MB/s) - "index.html?download=2864.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:11-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2865.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2865.1.fsa_nt.gz [following]
--2020-12-16 16:07:11-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2865.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2865.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:11 (155 MB/s) - "index.html?download=2865.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:11-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2869.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2869.1.fsa_nt.gz [following]
--2020-12-16 16:07:11-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2869.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2869.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:12 (72.9 MB/s) - "index.html?download=2869.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:12-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2914.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2914.1.fsa_nt.gz [following]
--2020-12-16 16:07:12-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2914.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2914.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:12 (137 MB/s) - "index.html?download=2914.1.fsa_nt.gz" saved [8055]

```
--2020-12-16 16:07:12-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2919.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2919.1.fsa_nt.gz [following]
--2020-12-16 16:07:12-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2919.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2919.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:12 (137 MB/s) - "index.html?download=2919.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:12-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2926.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2926.1.fsa_nt.gz [following]
--2020-12-16 16:07:13-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2926.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=2926.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:13 (157 MB/s) - "index.html?download=
```

2926.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:13-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2931.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2931.1.fsa_nt.gz [following]

--2020-12-16 16:07:13-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=2931.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=2931.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:14 (136 MB/s) - "index.html?download=2931.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:14-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3015.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
.. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3015.1.fsa_nt.gz [following]

--2020-12-16 16:07:14-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3015.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3015.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:14 (73.0 MB/s) - "index.html?download=3015.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:14-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3029.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3029.1.fsa_nt.gz [following]

--2020-12-16 16:07:14-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3029.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3029.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:15 (73.5 MB/s) - "index.html?download=3029.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:15-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=303.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=303.1.fsa_nt.gz [following]

--2020-12-16 16:07:15-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=303.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=303.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:07:15 (138 MB/s) - "index.html?download=
303.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:15-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3039.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=3039.1.fsa_nt.gz [following]
--2020-12-16 16:07:15-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=3039.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3039.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:07:16 (74.3 MB/s) - "index.html?download
=3039.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:16-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3067.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=3067.1.fsa_nt.gz [following]
--2020-12-16 16:07:16-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=3067.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```


Saving to: "index.html?download=3067.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:16 (141 MB/s) - "index.html?download=3067.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:16-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3069.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3069.1.fsa_nt.gz [following]

--2020-12-16 16:07:16-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3069.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3069.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:16 (137 MB/s) - "index.html?download=3069.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:16-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3084.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.
HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3084.1.fsa_nt.gz [following]

--2020-12-16 16:07:17-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3084.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3084.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:17 (154 MB/s) - "index.html?download=3084.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:17-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3117.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3117.1.fsa_nt.gz [following]

--2020-12-16 16:07:17-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3117.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3117.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:17 (138 MB/s) - "index.html?download=3117.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:17-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3118.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3118.1.fsa_nt.gz [following]

--2020-12-16 16:07:18-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3118.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3118.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:18 (107 MB/s) - "index.html?download=
3118.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:18-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3135.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=3135.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:07:18-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=3135.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3135.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:18 (103 MB/s) - "index.html?download=
3135.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:18-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3142.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=3142.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:07:18-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=3142.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3142.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:19 (153 MB/s) - "index.html?download=
3142.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:19-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3143.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
```

```
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=3143.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:07:19-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=3143.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

```
Saving to: "index.html?download=3143.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:19 (154 MB/s) - "index.html?download=
3143.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:19-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3157.1.fsa_nt.gz
```

```
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
```

```
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3157.1.fsa_nt.gz [following]
--2020-12-16 16:07:19-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3157.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3157.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:20 (135 MB/s) - "index.html?download=3157.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:20-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3164.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3164.1.fsa_nt.gz [following]
--2020-12-16 16:07:20-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3164.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3164.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:20 (139 MB/s) - "index.html?download=3164.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:20-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3165.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

```
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3165.1.fsa_nt.gz [following]
--2020-12-16 16:07:20-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3165.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3165.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:21 (87.0 MB/s) - "index.html?download=3165.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:21-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3170.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3170.1.fsa_nt.gz [following]
--2020-12-16 16:07:21-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3170.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3170.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:21 (107 MB/s) - "index.html?download=3170.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:21-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3194.1.fsa_nt.gz
```

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3194.1.fsa_nt.gz [following]
--2020-12-16 16:07:21-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3194.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3194.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:22 (52.2 MB/s) - "index.html?download=3194.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:22-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3198.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3198.1.fsa_nt.gz [following]
--2020-12-16 16:07:22-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3198.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3198.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:22 (142 MB/s) - "index.html?download=3198.1.fsa_nt.gz" saved [8055]

```
--2020-12-16 16:07:22-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3225.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3225.1.fsa_nt.gz [following]
--2020-12-16 16:07:22-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3225.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3225.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:23 (75.4 MB/s) - "index.html?download=3225.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:23-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3282.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3282.1.fsa_nt.gz [following]
--2020-12-16 16:07:23-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3282.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3282.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:23 (145 MB/s) - "index.html?download=
```


3282.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:23-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3315.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3315.1.fsa_nt.gz [following]

--2020-12-16 16:07:23-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3315.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3315.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:24 (143 MB/s) - "index.html?download=3315.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:24-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3335.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80

.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3335.1.fsa_nt.gz [following]

--2020-12-16 16:07:24-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3335.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3335.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0.02s

2020-12-16 16:07:24 (473 KB/s) - "index.html?download=3335.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:24-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3424.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3424.1.fsa_nt.gz [following]

--2020-12-16 16:07:24-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3424.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3424.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:25 (75.8 MB/s) - "index.html?download=3424.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:25-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3437.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80.
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3437.1.fsa_nt.gz [following]

--2020-12-16 16:07:25-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3437.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3437.1.fsa_nt.gz"

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:07:25 (154 MB/s) - "index.html?download=
3437.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:25-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3486.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=3486.1.fsa_nt.gz [following]
--2020-12-16 16:07:25-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=3486.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3486.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s

2020-12-16 16:07:26 (154 MB/s) - "index.html?download=
3486.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:26-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=3489.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=3489.1.fsa_nt.gz [following]
--2020-12-16 16:07:26-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=3489.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
```

Saving to: "index.html?download=3489.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:26 (156 MB/s) - "index.html?download=3489.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:26-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3529.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3529.1.fsa_nt.gz [following]

--2020-12-16 16:07:26-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3529.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: "index.html?download=3529.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:26 (67.1 MB/s) - "index.html?download=3529.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:26-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3542.1.fsa_nt.gz

Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3542.1.fsa_nt.gz [following]

--2020-12-16 16:07:27-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=3542.1.fsa_nt.gz

Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=3542.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:27 (95.4 MB/s) - "index.html?download=3542.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:27-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=427.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=427.1.fsa_nt.gz [following]

--2020-12-16 16:07:27-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=427.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443..
.. connected.

HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=427.1.fsa_nt.gz"

[<=>] 8,055
--.-K/s in 0s

2020-12-16 16:07:27 (158 MB/s) - "index.html?download=427.1.fsa_nt.gz" saved [8055]

--2020-12-16 16:07:27-- http://www.ncbi.nlm.nih.gov/Traces/wgs/?download=4358.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.

HTTP request sent, awaiting response... 301 Moved Permanently

Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=4358.1.fsa_nt.gz [following]

--2020-12-16 16:07:28-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=4358.1.fsa_nt.gz

```
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=4358.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:28 (155 MB/s) - "index.html?download=
4358.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:28-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=4947.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=4947.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:07:28-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=4947.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=4947.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:28 (139 MB/s) - "index.html?download=
4947.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:28-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=532.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
```

```
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=532.1.fsa_nt.gz [following]
```

```
--2020-12-16 16:07:28-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=532.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=532.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:29 (74.3 MB/s) - "index.html?download=
532.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:29-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=775.1.fsa_nt.gz
Reusing existing connection to www.ncbi.nlm.nih.gov:80
.
HTTP request sent, awaiting response... 301 Moved Perm
anently
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?dow
nload=775.1.fsa_nt.gz [following]
--2020-12-16 16:07:29-- https://www.ncbi.nlm.nih.gov/
Traces/wgs/?download=775.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=775.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0.05s
```

```
2020-12-16 16:07:29 (156 KB/s) - "index.html?download=
775.1.fsa_nt.gz" saved [8055]
```

```
--2020-12-16 16:07:29-- http://www.ncbi.nlm.nih.gov/T
races/wgs/?download=919.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:80..
. connected.
HTTP request sent, awaiting response... 301 Moved Perm
anently
```

```
Location: https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=919.1.fsa_nt.gz [following]
--2020-12-16 16:07:29-- https://www.ncbi.nlm.nih.gov/Traces/wgs/?download=919.1.fsa_nt.gz
Connecting to www.ncbi.nlm.nih.gov|130.14.29.110|:443.
.. connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: "index.html?download=919.1.fsa_nt.gz"
```

```
[ <=> ] 8,055
--.-K/s in 0s
```

```
2020-12-16 16:07:30 (138 MB/s) - "index.html?download=919.1.fsa_nt.gz" saved [8055]
```

```
FINISHED --2020-12-16 16:07:30--
Downloaded: 232 files, 1.8M in 0.4s (4.47 MB/s)
```

Después de un rato tendremos los genomas pero a los archivos descargados.

4. Limpieza

Una vez descargados podemos limpiar los nombre de los archivos y adecuarlos para un mejor seguimiento y análisis.

Los archivos descargados tendrán un nombre del estilo: "index.html?download=AAOJ01.1.fsa_nt.gz", lo cual no es muy informativo. Podemos cambiar el nombre de todos por uno que tenga al menos la especie y el código de acceso. Para esto tenemos que hacer una lista que tenga estos datos en el orden en el que están ordenados los archivos, que coincida el orden en la lista con los archivos.

La lista la podemos extraer del archivo original Synechococcus.txt (ver paso 1 arriba).

Usando el comando `cut -f` se puede extraer las columnas deseadas de un archivo.

Del archivo original Synechococcus.txt estamos extrayendo la columna 1 con los nombres de la especie y la columna 13 con los códigos de acceso, pero no están ordenados alfabéticamente por código de acceso, como lo están los archivos descargados.

```
In [13]: !cut -f 1,13 Synechococcus.txt > list.txt
```

Para ordenarlos así usaremos el comando `sort`:

```
In [14]: ! sort -t $'\t' -k 2,2 list.txt > list.tmp
```

Tenemos ahora un nuevo archivo temporal (list.tmp) con la lista ordenada por códigos de acceso, pero con varios espacios que debemos quitar y sustituir por un punto, además de agregarle la extensión adecuada (.fasta.gz); para esto usaremos el comando `sed`:

```
In [15]: ! sed "s/ /. /g" list.tmp | sed "s/\t/. /g" | sed "s/$/.fasta.gz/g" > list.txt
```

Ahora si tenemos una lista con la cual renombraremos los archivos descargados con un pequeño script. Es necesario mover esta lista (list.txt) al directorio donde están los archivos (genomas) descargados y ahí ejecutar el script:

```
In [16]: ! for file in *.gz; do read line; mv -v "${file}" "${line}"; done < list.txt
```

```
'index.html?download=1103.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1107.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1238.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1332.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1341.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1360.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1397.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1403.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1410.1.fsa_nt.gz' -> 'Synechococcus.lacustris.-.fasta.gz'
'index.html?download=1416.1.fsa_nt.gz' -> 'Synechococcus.sp..- .fasta.gz'
'index.html?download=1450.1.fsa_nt.gz' -> 'Synechococcus.sp..- .fasta.gz'
'index.html?download=1487.1.fsa_nt.gz' -> 'Synechococcus.sp..16_2.-.fasta.gz'
'index.html?download=1490.1.fsa_nt.gz' -> 'Synechococcus.sp..AG-323-A01.-.fasta.gz'
'index.html?download=1534.1.fsa_nt.gz' -> 'Synechococcus.sp..AG-323-A11.-.fasta.gz'
'index.html?download=1546.1.fsa_nt.gz' -> 'Synechococcus.sp..AG-323-F11.-.fasta.gz'
'index.html?download=1563.1.fsa_nt.gz' -> 'Synechococcus.sp..AG-323-G20.-.fasta.gz'
'index.html?download=1581.1.fsa_nt.gz' -> 'Synechococcus.sp..AG-323-G20.-.fasta.gz'
```

```
us.sp..AG-323-022.--.fasta.gz'
'index.html?download=1589.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-420-M02.--.fasta.gz'
'index.html?download=1590.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-450-D21.--.fasta.gz'
'index.html?download=1596.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-450-M17.--.fasta.gz'
'index.html?download=1612.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-A04.--.fasta.gz'
'index.html?download=1663.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-A05.--.fasta.gz'
'index.html?download=1694.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-A19.--.fasta.gz'
'index.html?download=1699.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-B23.--.fasta.gz'
'index.html?download=1742.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-D07.--.fasta.gz'
'index.html?download=1756.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-F04.--.fasta.gz'
'index.html?download=1769.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-F22.--.fasta.gz'
'index.html?download=1778.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-670-G20.--.fasta.gz'
'index.html?download=1789.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-673-A03.--.fasta.gz'
'index.html?download=1798.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-673-A10.--.fasta.gz'
'index.html?download=1825.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-673-B04.--.fasta.gz'
'index.html?download=1844.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-673-B08.--.fasta.gz'
'index.html?download=1846.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-673-D02.--.fasta.gz'
'index.html?download=1849.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-673-F03.--.fasta.gz'
'index.html?download=1869.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-676-A03.--.fasta.gz'
'index.html?download=1878.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-676-A21.--.fasta.gz'
'index.html?download=1885.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-676-C06.--.fasta.gz'
'index.html?download=1910.1.fsa_nt.gz' -> 'Synechococc
```

```
us.sp..AG-676-E04.--.fasta.gz'
'index.html?download=1920.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-676-E23.--.fasta.gz'
'index.html?download=1925.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-676-F02.--.fasta.gz'
'index.html?download=1934.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-679-A02.--.fasta.gz'
'index.html?download=1937.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-679-A04.--.fasta.gz'
'index.html?download=1942.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-679-B05.--.fasta.gz'
'index.html?download=1951.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-679-B21.--.fasta.gz'
'index.html?download=1958.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-679-C18.--.fasta.gz'
'index.html?download=1964.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-679-D13.--.fasta.gz'
'index.html?download=1992.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-679-E23.--.fasta.gz'
'index.html?download=1997.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-A02.--.fasta.gz'
'index.html?download=2010.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-A03.--.fasta.gz'
'index.html?download=2018.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-A22.--.fasta.gz'
'index.html?download=2024.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-B03.--.fasta.gz'
'index.html?download=2025.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-B21.--.fasta.gz'
'index.html?download=2039.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-C23.--.fasta.gz'
'index.html?download=2041.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-F20.--.fasta.gz'
'index.html?download=2082.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-683-G11.--.fasta.gz'
'index.html?download=2090.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-686-A03.--.fasta.gz'
'index.html?download=2095.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-686-A05.--.fasta.gz'
'index.html?download=2117.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-686-B21.--.fasta.gz'
'index.html?download=2125.1.fsa_nt.gz' -> 'Synechococc
```

```
us.sp..AG-686-C21.-.fasta.gz'
'index.html?download=2181.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-686-C23.-.fasta.gz'
'index.html?download=2212.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-686-D09.-.fasta.gz'
'index.html?download=2220.1.fsa_nt.gz' -> 'Synechococc
us.sp..AG-686-F08.-.fasta.gz'
'index.html?download=2222.1.fsa_nt.gz' -> 'Synechococc
us.sp..CO36386bin_29.-.fasta.gz'
'index.html?download=2246.1.fsa_nt.gz' -> 'Synechococc
us.sp..CO36386bin_37.-.fasta.gz'
'index.html?download=2252.1.fsa_nt.gz' -> 'Synechococc
us.sp..CO36406bin_26.-.fasta.gz'
'index.html?download=2297.1.fsa_nt.gz' -> 'Synechococc
us.sp..PCC.7002.x.Microcystis.aeruginosa.TAIHU98.cocul
ture.-.fasta.gz'
'index.html?download=2298.1.fsa_nt.gz' -> 'Synechococc
us.sp..PL34863bin_39.-.fasta.gz'
'index.html?download=2312.1.fsa_nt.gz' -> 'Synechococc
us.sp..PNGco_C_binVS15.-.fasta.gz'
'index.html?download=2314.1.fsa_nt.gz' -> 'Synechococc
us.sp..PNGco_S_binSS4.-.fasta.gz'
'index.html?download=2319.1.fsa_nt.gz' -> 'Synechococc
us.sp..REDSEA-S01_B1.-.fasta.gz'
'index.html?download=2326.1.fsa_nt.gz' -> 'Synechococc
us.sp..REDSEA-S02_B4.-.fasta.gz'
'index.html?download=2338.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2341.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2354.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2359.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2364.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2373.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2382.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2388.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
```

```
'index.html?download=2390.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2393.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2430.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2446.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2456.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2459.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2477.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2478.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2482.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2484.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2490.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2492.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2495.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2498.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2507.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2515.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2517.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2519.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2523.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2524.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
'index.html?download=2530.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp.--.fasta.gz'
```

'index.html?download=2534.1.fsa_nt.gz' -> 'uncultured.
Synechococcus.sp..-.fasta.gz'
'index.html?download=2535.1.fsa_nt.gz' -> 'Synechococcus.sp..SAT82.1103.fasta.gz'
'index.html?download=2538.1.fsa_nt.gz' -> 'Synechococcus.sp..MED-G133.1107.fasta.gz'
'index.html?download=2539.1.fsa_nt.gz' -> 'Synechococcus.sp..CPC100.1238.fasta.gz'
'index.html?download=2543.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0664_bin_36.1332.fasta.gz'
'index.html?download=2544.1.fsa_nt.gz' -> 'Synechococcus.sp..TMED205.1341.fasta.gz'
'index.html?download=2545.1.fsa_nt.gz' -> 'Synechococcus.lacustris.1360.fasta.gz'
'index.html?download=2547.1.fsa_nt.gz' -> 'Synechococcus.lacustris.1397.fasta.gz'
'index.html?download=2550.1.fsa_nt.gz' -> 'Candidatus.
Synechococcus.spongiarum.1403.fasta.gz'
'index.html?download=2552.1.fsa_nt.gz' -> 'Candidatus.
Synechococcus.spongiarum.LMB.bulk15N.1410.fasta.gz'
'index.html?download=2554.1.fsa_nt.gz' -> 'Candidatus.
Synechococcus.spongiarum.LMB.bulk15M.1416.fasta.gz'
'index.html?download=2555.1.fsa_nt.gz' -> 'Synechococcus.lacustris.1450.fasta.gz'
'index.html?download=2559.1.fsa_nt.gz' -> 'Synechococcus.sp..RS344.1487.fasta.gz'
'index.html?download=2563.1.fsa_nt.gz' -> 'Synechococcus.sp..UBA8638.1490.fasta.gz'
'index.html?download=2564.1.fsa_nt.gz' -> 'Synechococcus.sp..1534.fasta.gz'
'index.html?download=2569.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0662_bin_45.1546.fasta.gz'
'index.html?download=2571.1.fsa_nt.gz' -> 'Synechococcus.sp..TMED185.1563.fasta.gz'
'index.html?download=2572.1.fsa_nt.gz' -> 'Synechococcus.sp..UBA8071.1581.fasta.gz'
'index.html?download=2574.1.fsa_nt.gz' -> 'Candidatus.
Synechococcus.spongiarum.SH4.1589.fasta.gz'
'index.html?download=2575.1.fsa_nt.gz' -> 'Synechococcus.sp..Lanier.1590.fasta.gz'
'index.html?download=2586.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0663_bin_10.1596.fasta.gz'

'index.html?download=2588.1.fsa_nt.gz' -> 'Synechococcus.sp..CPC35.1612.fasta.gz'
'index.html?download=2592.1.fsa_nt.gz' -> 'Synechococcus.sp..TMED169.1663.fasta.gz'
'index.html?download=2594.1.fsa_nt.gz' -> 'Candidatus.Synechococcus.spongiarum.SP3.1694.fasta.gz'
'index.html?download=2604.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0672_bin_10.1699.fasta.gz'
'index.html?download=2610.1.fsa_nt.gz' -> 'Synechococcus.sp..TMED155.1742.fasta.gz'
'index.html?download=2615.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0665_bin_28.1756.fasta.gz'
'index.html?download=2617.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0667_bin_8.1769.fasta.gz'
'index.html?download=2619.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0676_bin_10.1778.fasta.gz'
'index.html?download=2621.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0673_bin_10.1789.fasta.gz'
'index.html?download=2623.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0672_bin_6.1798.fasta.gz'
'index.html?download=2631.1.fsa_nt.gz' -> 'Synechococcus.sp..Baikal-G1.1825.fasta.gz'
'index.html?download=2632.1.fsa_nt.gz' -> 'Synechococcus.sp..MED-G67.1844.fasta.gz'
'index.html?download=2637.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0669_bin_8.1846.fasta.gz'
'index.html?download=2641.1.fsa_nt.gz' -> 'Synechococcus.sp..TMED187.1849.fasta.gz'
'index.html?download=2645.1.fsa_nt.gz' -> 'Synechococcus.sp..TMED90.1869.fasta.gz'
'index.html?download=2651.1.fsa_nt.gz' -> 'Candidatus.Synechococcus.spongiarum.15L.1878.fasta.gz'
'index.html?download=2652.1.fsa_nt.gz' -> 'Synechococcus.sp..1885.fasta.gz'
'index.html?download=2655.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0670_bin_20.1885.fasta.gz'
'index.html?download=2675.1.fsa_nt.gz' -> 'Synechococcus.sp..GFB01.1910.fasta.gz'
'index.html?download=2676.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0678_bin_12.1920.fasta.gz'
'index.html?download=2677.1.fsa_nt.gz' -> 'Synechococcus.lacustris.str..Tous.1925.fasta.gz'

'index.html?download=2678.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0666_bin_14.1934.fasta.gz'
'index.html?download=2679.1.fsa_nt.gz' -> 'Synechococcus.sp..MED-G69.1937.fasta.gz'
'index.html?download=2683.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0668_bin_15.1937.fasta.gz'
'index.html?download=2684.1.fsa_nt.gz' -> 'Synechococcus.sp..MED-G70.1942.fasta.gz'
'index.html?download=2685.1.fsa_nt.gz' -> 'Synechococcus.lacustris.1951.fasta.gz'
'index.html?download=2693.1.fsa_nt.gz' -> 'Synechococcus.sp..1958.fasta.gz'
'index.html?download=2696.1.fsa_nt.gz' -> 'Synechococcus.sp..MED650.1964.fasta.gz'
'index.html?download=2701.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0675_bin_6.1992.fasta.gz'
'index.html?download=2702.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0662_bin_14.1997.fasta.gz'
'index.html?download=2705.1.fsa_nt.gz' -> 'Candidatus.Synechococcus.spongiarum.142.2010.fasta.gz'
'index.html?download=2706.1.fsa_nt.gz' -> 'Synechococcus.sp..MED850.2018.fasta.gz'
'index.html?download=2715.1.fsa_nt.gz' -> 'Synechococcus.sp..MED-G71.2024.fasta.gz'
'index.html?download=2717.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0668_bin_13.2025.fasta.gz'
'index.html?download=2722.1.fsa_nt.gz' -> 'Synechococcus.sp..MED-G68.2039.fasta.gz'
'index.html?download=2725.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0669_bin_7.2041.fasta.gz'
'index.html?download=2728.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2082.fasta.gz'
'index.html?download=2729.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0677_bin_5.2090.fasta.gz'
'index.html?download=2732.1.fsa_nt.gz' -> 'Synechococcus.sp..MED-G135.2095.fasta.gz'
'index.html?download=2738.1.fsa_nt.gz' -> 'Synechococcus.sp..SB0675_bin_7.2117.fasta.gz'
'index.html?download=2753.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2125.fasta.gz'
'index.html?download=2755.1.fsa_nt.gz' -> 'Synechococcus.sp..2181.fasta.gz'

'index.html?download=2757.1.fsa_nt.gz' -> 'Synechococcus.sp..WH.8109.2212.fasta.gz'
'index.html?download=2766.1.fsa_nt.gz' -> 'Synechococcus.sp..TMED19.2220.fasta.gz'
'index.html?download=2768.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2222.fasta.gz'
'index.html?download=2779.1.fsa_nt.gz' -> 'Synechococcus.lividus.PCC.6715.2246.fasta.gz'
'index.html?download=2787.1.fsa_nt.gz' -> 'Synechococcus.sp..NP17.2252.fasta.gz'
'index.html?download=2792.1.fsa_nt.gz' -> 'Synechococcus.sp..UW86.2297.fasta.gz'
'index.html?download=2804.1.fsa_nt.gz' -> 'Synechococcus.sp..M16.1.2298.fasta.gz'
'index.html?download=2810.1.fsa_nt.gz' -> 'Synechococcus.sp..N5.2312.fasta.gz'
'index.html?download=2831.1.fsa_nt.gz' -> 'Synechococcus.sp..UBA9887.2312.fasta.gz'
'index.html?download=2846.1.fsa_nt.gz' -> 'Synechococcus.sp..BS55D.2314.fasta.gz'
'index.html?download=2853.1.fsa_nt.gz' -> 'Synechococcus.sp..EAC657.2319.fasta.gz'
'index.html?download=2863.1.fsa_nt.gz' -> 'Synechococcus.sp..PROS-9-1.2326.fasta.gz'
'index.html?download=2864.1.fsa_nt.gz' -> 'Synechococcus.sp..CC9902.2338.fasta.gz'
'index.html?download=2865.1.fsa_nt.gz' -> 'Synechococcus.sp..N26.2341.fasta.gz'
'index.html?download=2869.1.fsa_nt.gz' -> 'Synechococcus.sp..BS56D.2354.fasta.gz'
'index.html?download=2914.1.fsa_nt.gz' -> 'Synechococcus.sp..BL107.2359.fasta.gz'
'index.html?download=2919.1.fsa_nt.gz' -> 'Synechococcus.sp..NAT40.2364.fasta.gz'
'index.html?download=2926.1.fsa_nt.gz' -> 'Synechococcus.sp..N19.2373.fasta.gz'
'index.html?download=2931.1.fsa_nt.gz' -> 'Synechococcus.sp..TAK9802.2382.fasta.gz'
'index.html?download=3015.1.fsa_nt.gz' -> 'Synechococcus.sp..RCC307.2388.fasta.gz'
'index.html?download=3029.1.fsa_nt.gz' -> 'Synechococcus.sp..ARS1019.2390.fasta.gz'

'index.html?download=303.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2393.fasta.gz'
'index.html?download=3039.1.fsa_nt.gz' -> 'Synechococcus.sp..N32.2430.fasta.gz'
'index.html?download=3067.1.fsa_nt.gz' -> 'Synechococcus.elongatus.PCC.11802.2446.fasta.gz'
'index.html?download=3069.1.fsa_nt.gz' -> 'Synechococcus.sp..WH.7803.2456.fasta.gz'
'index.html?download=3084.1.fsa_nt.gz' -> 'Synechococcus.elongatus.PCC.11801.2459.fasta.gz'
'index.html?download=3117.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2477.fasta.gz'
'index.html?download=3118.1.fsa_nt.gz' -> 'Synechococcus.sp..XM-24.2477.fasta.gz'
'index.html?download=3135.1.fsa_nt.gz' -> 'Synechococcus.sp..A15-24.2478.fasta.gz'
'index.html?download=3142.1.fsa_nt.gz' -> 'Synechococcus.sp..63AY4M2.2482.fasta.gz'
'index.html?download=3143.1.fsa_nt.gz' -> 'Synechococcus.sp..63AY4M1.2484.fasta.gz'
'index.html?download=3157.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2490.fasta.gz'
'index.html?download=3164.1.fsa_nt.gz' -> 'Synechococcus.sp..A15-62.2492.fasta.gz'
'index.html?download=3165.1.fsa_nt.gz' -> 'Synechococcus.sp..BOUM118.2492.fasta.gz'
'index.html?download=3170.1.fsa_nt.gz' -> 'Synechococcus.sp..65AY640.2495.fasta.gz'
'index.html?download=3194.1.fsa_nt.gz' -> 'Synechococcus.sp..Minos11.2498.fasta.gz'
'index.html?download=3198.1.fsa_nt.gz' -> 'Synechococcus.sp..65AY6A5.2507.fasta.gz'
'index.html?download=3225.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2515.fasta.gz'
'index.html?download=3282.1.fsa_nt.gz' -> 'Synechococcus.sp..A18-40.2517.fasta.gz'
'index.html?download=3315.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2519.fasta.gz'
'index.html?download=3335.1.fsa_nt.gz' -> 'Synechococcus.sp..60AY4M2.2523.fasta.gz'
'index.html?download=3424.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2524.fasta.gz'

```
'index.html?download=3437.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2530.fasta.gz'
'index.html?download=3486.1.fsa_nt.gz' -> 'Synechococcus.sp..CB0205.2530.fasta.gz'
'index.html?download=3489.1.fsa_nt.gz' -> 'Synechococcus.sp..HK01-R.2530.fasta.gz'
'index.html?download=3529.1.fsa_nt.gz' -> 'Synechococcus.sp..GEYO.2534.fasta.gz'
'index.html?download=3542.1.fsa_nt.gz' -> 'Synechococcus.sp..MEDNS5.2535.fasta.gz'
'index.html?download=427.1.fsa_nt.gz' -> 'Synechococcus.sp..MVIR-18-1.2535.fasta.gz'
'index.html?download=4358.1.fsa_nt.gz' -> 'Synechococcus.lacustris.2538.fasta.gz'
'index.html?download=4947.1.fsa_nt.gz' -> 'Synechococcus.sp..YX04-3.2539.fasta.gz'
'index.html?download=532.1.fsa_nt.gz' -> 'Synechococcus.sp..HB1133.2543.fasta.gz'
'index.html?download=775.1.fsa_nt.gz' -> 'Synechococcus.sp..RS9915.2544.fasta.gz'
'index.html?download=919.1.fsa_nt.gz' -> 'Synechococcus.sp..65AY6Li.2545.fasta.gz'
```

```
In [1]: !pwd
```

```
/home/elizondo/jupyter/blast_anotacion
```

```
In [2]: cd ~/data/genomas_synechococcus_download/
```

```
/home/elizondo/data/genomas_synechococcus_download
```

```
In [5]: !tail -20 Synechococcus.sp..PCC.7002.x.Microcystis.aeruginosa.TAIHU98.coculture.--.fasta.gz
```

```

    <!--script type="text/javascript" src="/portal/porta
l3rc.fcgi/static/js/hfjs2.js"> </script-->
</div>
<div id="ph-debug-output" style="display:none;">
<br clear="all"><br><br><br><br>
<ol>
<li><a href="http://subsolr11.be-md.ncbi.nlm.nih.gov:8
983/solr/#/wgs_selector/query">Solr</a></li>
<li><a href="https://jira.ncbi.nlm.nih.gov/browse/ID-3
185">ID-3185</a></li>
<li><a href="https://www.ncbi.nlm.nih.gov/Sequin/acc.h
tml">Accession Number prefixes: Where are the sequence
s from?</a></li>
<li>
        The official interface to the tables is
        CSeq_id::IdentifyAccession, it can be fo
und in raw form in
        /opt/ncbi/apdata/accguide.txt (or /am/nc
biapdata/data/accguide.txt,
        which is available only on development s
ystems but sometimes fresher).
    </li>
</ol>
<br><button type="button" onclick="delete oSpa.oModel;
window.location = window.location.href.split('#')[0];"
>Clear Model</button> <button type="button" onclick="d
ocument.getElementById('ph-debug').innerHTML = ''">Cle
ar Debug Output</button><pre id="ph-debug"></pre>
</div>
<script type="text/javascript">var bIsCurator, bIsNcbi
NetworkUserUser;</script>
</body>
</html>

```

Por último es conveniente descomprimir los archivos:

```
In [17]: ! gunzip *.gz
```

```
gzip: Candidatus.Synechococcus.spongiarum.1403.fasta.g
z: not in gzip format
```

gzip: Candidatus.Synechococcus.spongiarum.142.2010.fasta.gz: not in gzip format

gzip: Candidatus.Synechococcus.spongiarum.15L.1878.fasta.gz: not in gzip format

gzip: Candidatus.Synechococcus.spongiarum.LMB.bulk15M.1416.fasta.gz: not in gzip format

gzip: Candidatus.Synechococcus.spongiarum.LMB.bulk15N.1410.fasta.gz: not in gzip format

gzip: Candidatus.Synechococcus.spongiarum.SH4.1589.fasta.gz: not in gzip format

gzip: Candidatus.Synechococcus.spongiarum.SP3.1694.fasta.gz: not in gzip format

gzip: Synechococcus.elongatus.PCC.11801.2459.fasta.gz: not in gzip format

gzip: Synechococcus.elongatus.PCC.11802.2446.fasta.gz: not in gzip format

gzip: Synechococcus.lacustris.1360.fasta.gz: not in gzip format

gzip: Synechococcus.lacustris.1397.fasta.gz: not in gzip format

gzip: Synechococcus.lacustris.1450.fasta.gz: not in gzip format

gzip: Synechococcus.lacustris.1951.fasta.gz: not in gzip format

gzip: Synechococcus.lacustris.2082.fasta.gz: not in gzip format

gzip: Synechococcus.lacustris.2125.fasta.gz: not in gzip format

gzip: Synechococcus.lacustris.2222.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2393.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2477.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2490.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2515.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2519.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2524.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2530.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.2538.fasta.gz: not in gz
ip format

gzip: Synechococcus.lacustris.-.fasta.gz: not in gzip
format

gzip: Synechococcus.lacustris.str..Tous.1925.fasta.gz:
not in gzip format

gzip: Synechococcus.lividus.PCC.6715.2246.fasta.gz: no
t in gzip format

gzip: Synechococcus.sp..1534.fasta.gz: not in gzip for
mat

gzip: Synechococcus.sp..16_2.-.fasta.gz: not in gzip f
ormat

gzip: Synechococcus.sp..1885.fasta.gz: not in gzip format

gzip: Synechococcus.sp..1958.fasta.gz: not in gzip format

gzip: Synechococcus.sp..2181.fasta.gz: not in gzip format

gzip: Synechococcus.sp..60AY4M2.2523.fasta.gz: not in gzip format

gzip: Synechococcus.sp..63AY4M1.2484.fasta.gz: not in gzip format

gzip: Synechococcus.sp..63AY4M2.2482.fasta.gz: not in gzip format

gzip: Synechococcus.sp..65AY640.2495.fasta.gz: not in gzip format

gzip: Synechococcus.sp..65AY6A5.2507.fasta.gz: not in gzip format

gzip: Synechococcus.sp..65AY6Li.2545.fasta.gz: not in gzip format

gzip: Synechococcus.sp..A15-24.2478.fasta.gz: not in gzip format

gzip: Synechococcus.sp..A15-62.2492.fasta.gz: not in gzip format

gzip: Synechococcus.sp..A18-40.2517.fasta.gz: not in gzip format

gzip: Synechococcus.sp..AG-323-A01.-.fasta.gz: not in gzip format

gzip: Synechococcus.sp..AG-323-A11.-.fasta.gz: not in gzip format

gzip: Synechococcus.sp..AG-323-F11.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-323-G20.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-323-O22.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-420-M02.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-450-D21.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-450-M17.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-A04.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-A05.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-A19.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-B23.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-D07.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-F04.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-F22.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-670-G20.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-673-A03.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-673-A10.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-673-B04.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-673-B08.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-673-D02.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-673-F03.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-676-A03.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-676-A21.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-676-C06.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-676-E04.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-676-E23.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-676-F02.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-679-A02.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-679-A04.--fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-679-B05.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-679-B21.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-679-C18.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-679-D13.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-679-E23.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-A02.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-A03.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-A22.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-B03.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-B21.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-C23.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-F20.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-683-G11.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-686-A03.--.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-686-A05.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-686-B21.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-686-C21.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-686-C23.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-686-D09.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..AG-686-F08.-.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..ARS1019.2390.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..Baikal-G1.1825.fasta.gz: not i
n gzip format

gzip: Synechococcus.sp..BL107.2359.fasta.gz: not in gz
ip format

gzip: Synechococcus.sp..BOUM118.2492.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..BS55D.2314.fasta.gz: not in gz
ip format

gzip: Synechococcus.sp..BS56D.2354.fasta.gz: not in gz
ip format

gzip: Synechococcus.sp..CB0205.2530.fasta.gz: not in g
zip format

gzip: Synechococcus.sp..CC9902.2338.fasta.gz: not in g
zip format

gzip: Synechococcus.sp..C036386bin_29.-.fasta.gz: not in gzip format

gzip: Synechococcus.sp..C036386bin_37.-.fasta.gz: not in gzip format

gzip: Synechococcus.sp..C036406bin_26.-.fasta.gz: not in gzip format

gzip: Synechococcus.sp..CPC100.1238.fasta.gz: not in gzip format

gzip: Synechococcus.sp..CPC35.1612.fasta.gz: not in gzip format

gzip: Synechococcus.sp..EAC657.2319.fasta.gz: not in gzip format

gzip: Synechococcus.sp..-.fasta.gz: not in gzip format

gzip: Synechococcus.sp..GEYO.2534.fasta.gz: not in gzip format

gzip: Synechococcus.sp..GFB01.1910.fasta.gz: not in gzip format

gzip: Synechococcus.sp..HB1133.2543.fasta.gz: not in gzip format

gzip: Synechococcus.sp..HK01-R.2530.fasta.gz: not in gzip format

gzip: Synechococcus.sp..Lanier.1590.fasta.gz: not in gzip format

gzip: Synechococcus.sp..M16.1.2298.fasta.gz: not in gzip format

gzip: Synechococcus.sp..MED650.1964.fasta.gz: not in gzip format

gzip: Synechococcus.sp..MED850.2018.fasta.gz: not in gzip format

zip format

gzip: Synechococcus.sp..MED-G133.1107.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MED-G135.2095.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MED-G67.1844.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MED-G68.2039.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MED-G69.1937.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MED-G70.1942.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MED-G71.2024.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MEDNS5.2535.fasta.gz: not in g
zip format

gzip: Synechococcus.sp..Minos11.2498.fasta.gz: not in
gzip format

gzip: Synechococcus.sp..MVIR-18-1.2535.fasta.gz: not i
n gzip format

gzip: Synechococcus.sp..N19.2373.fasta.gz: not in gzip
format

gzip: Synechococcus.sp..N26.2341.fasta.gz: not in gzip
format

gzip: Synechococcus.sp..N32.2430.fasta.gz: not in gzip
format

gzip: Synechococcus.sp..N5.2312.fasta.gz: not in gzip

format

gzip: Synechococcus.sp..NAT40.2364.fasta.gz: not in gzip format

gzip: Synechococcus.sp..NP17.2252.fasta.gz: not in gzip format

gzip: Synechococcus.sp..PCC.7002.x.Microcystis.aeruginosa.TAIHU98.coculture.--.fasta.gz: not in gzip format

gzip: Synechococcus.sp..PL34863bin_39.--.fasta.gz: not in gzip format

gzip: Synechococcus.sp..PNGco_C_binVS15.--.fasta.gz: not in gzip format

gzip: Synechococcus.sp..PNGco_S_binSS4.--.fasta.gz: not in gzip format

gzip: Synechococcus.sp..PROS-9-1.2326.fasta.gz: not in gzip format

gzip: Synechococcus.sp..RCC307.2388.fasta.gz: not in gzip format

gzip: Synechococcus.sp..REDSEA-S01_B1.--.fasta.gz: not in gzip format

gzip: Synechococcus.sp..REDSEA-S02_B4.--.fasta.gz: not in gzip format

gzip: Synechococcus.sp..RS344.1487.fasta.gz: not in gzip format

gzip: Synechococcus.sp..RS9915.2544.fasta.gz: not in gzip format

gzip: Synechococcus.sp..SAT82.1103.fasta.gz: not in gzip format

gzip: Synechococcus.sp..SB0662_bin_14.1997.fasta.gz: n

ot in gzip format

gzip: Synechococcus.sp..SB0662_bin_45.1546.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0663_bin_10.1596.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0664_bin_36.1332.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0665_bin_28.1756.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0666_bin_14.1934.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0667_bin_8.1769.fasta.gz: no
t in gzip format

gzip: Synechococcus.sp..SB0668_bin_13.2025.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0668_bin_15.1937.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0669_bin_7.2041.fasta.gz: no
t in gzip format

gzip: Synechococcus.sp..SB0669_bin_8.1846.fasta.gz: no
t in gzip format

gzip: Synechococcus.sp..SB0670_bin_20.1885.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0672_bin_10.1699.fasta.gz: n
ot in gzip format

gzip: Synechococcus.sp..SB0672_bin_6.1798.fasta.gz: no
t in gzip format

gzip: Synechococcus.sp..SB0673_bin_10.1789.fasta.gz: n

ot in gzip format

gzip: Synechococcus.sp..SB0675_bin_6.1992.fasta.gz: not in gzip format

gzip: Synechococcus.sp..SB0675_bin_7.2117.fasta.gz: not in gzip format

gzip: Synechococcus.sp..SB0676_bin_10.1778.fasta.gz: not in gzip format

gzip: Synechococcus.sp..SB0677_bin_5.2090.fasta.gz: not in gzip format

gzip: Synechococcus.sp..SB0678_bin_12.1920.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TAK9802.2382.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TMED155.1742.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TMED169.1663.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TMED185.1563.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TMED187.1849.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TMED19.2220.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TMED205.1341.fasta.gz: not in gzip format

gzip: Synechococcus.sp..TMED90.1869.fasta.gz: not in gzip format

gzip: Synechococcus.sp..UBA8071.1581.fasta.gz: not in

gzip format

gzip: Synechococcus.sp..UBA8638.1490.fasta.gz: not in gzip format

gzip: Synechococcus.sp..UBA9887.2312.fasta.gz: not in gzip format

gzip: Synechococcus.sp..UW86.2297.fasta.gz: not in gzip format

gzip: Synechococcus.sp..WH.7803.2456.fasta.gz: not in gzip format

gzip: Synechococcus.sp..WH.8109.2212.fasta.gz: not in gzip format

gzip: Synechococcus.sp..XM-24.2477.fasta.gz: not in gzip format

gzip: Synechococcus.sp..YX04-3.2539.fasta.gz: not in gzip format

gzip: uncultured.Synechococcus.sp..-.fasta.gz: not in gzip format

Este comando descomprime todos los archivos terminados en .gz en el directorio.

SCRIPT

Todo esto lo podemos claro hacer con un script en bash: `assembly_download.sh` que empezará desde bajar el archivo `prokaryotes.txt`, si es que no existe ya, pedirnos una palabra a buscar en el archivo, que puede ser el género o las especie o algún otro dato del WGS, y luego el se encarga de todo lo demás. Este script solo busca en la base de datos Assembly de NCBI y genomas de referencia (refseq).