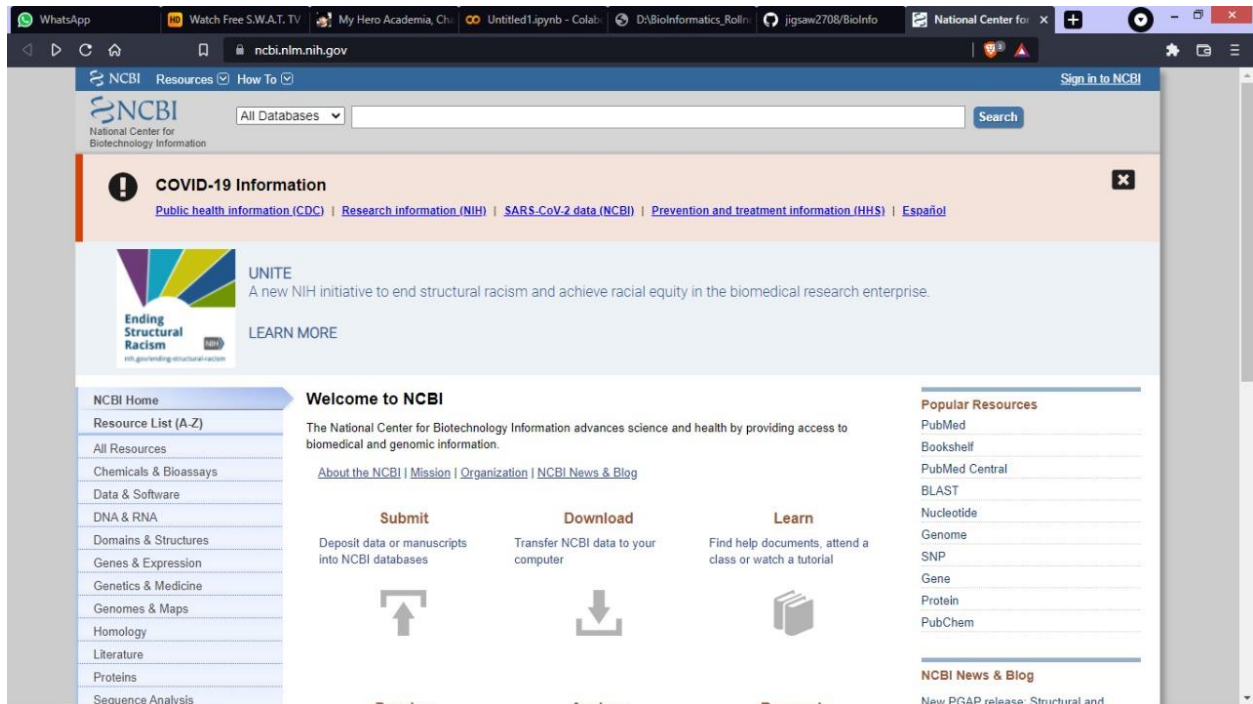


Practical 5

Go to the National Center for Biotechnology Information Site

<https://www.ncbi.nlm.nih.gov/>

Select Nucleotide from All Databases and find any organism in a search bar.



Select any one of the given search results.

NCBI Resources How To Sign in to NCBI

Nucleotide Nucleotide Swine Flu Search

Create alert Advanced Help

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Species: Animals (24), Viruses (54,531), Customize ...

Molecule types: genomic DNA/RNA (54,644), mRNA (147), Customize ...

Source databases: INSDC (GenBank) (54,793), RefSeq (12), Customize ...

Sequence Type: Nucleotide (54,790), EST (15)

Sequence length: Custom range ...

Release date: Custom range ...

Revision date

Summary 20 per page Sort by Default order Send to Filters: [Manage Filters](#)

See [FLU Tetraatricopeptide repeat \(TPR\)-like superfamily protein](#) in the Gene database

flu reference sequences [Transcript \(3\)](#) [Protein \(3\)](#)

Items: 1 to 20 of 54805

1. ☐ [KR_1020130038601-A/6: Novel swine influenza virus A H1N1 and use thereof](#)

982 bp linear DNA

Accession: DI250797.1 GI: 662615154

[Taxonomy](#)

[GenBank](#) [FASTA](#) [Graphics](#)

2. ☐ [KR_1020130038601-A/5: Novel swine influenza virus A H1N1 and use thereof](#)

1,260 bp linear DNA

Accession: DI250796.1 GI: 662615153

[Taxonomy](#)

[GenBank](#) [FASTA](#) [Graphics](#)

3. ☐ [KR_1020130038601-A/4: Novel swine influenza virus A H1N1 and use thereof](#)

Results by taxon

Top Organisms [Tree](#)

Influenza A virus (54531)

Sus scrofa (20)

synthetic construct (17)

Homo sapiens (4)

unidentified (1)

All other taxa (232)

More...

Influenza Virus Resource

Retrieve, view, and download influenza virus genomic and protein sequences.

Find related data

Database: [Select](#)

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GenBank

Send to

KR 1020130038601-A/6: Novel swine influenza virus A H1N1 and use thereof

GenBank: DI250797.1

[FASTA](#) [Graphics](#)

[Go to](#)

LOCUS DI250797 982 bp DNA linear PAT 08-JUL-2014

DEFINITION KR 1020130038601-A/6: Novel swine influenza virus A H1N1 and use thereof.

ACCESSION DI250797

VERSION DI250797.1

KEYWORDS KR 1020130038601-A/6.

SOURCE H1N1 subtype

ORGANISM H1N1 subtype

Viruses; Riboviria; Orthomavirae; Negamaviricota; Polypoviricota; Insthoviricetes; Articulavirales; Orthomyxoviridae; Alphainfluenzavirus.

REFERENCE 1 (bases 1 to 982)

AUTHORS Kang,B.K., Moon,H.J. and Song,D.S.

TITLE Novel swine influenza virus A H1N1 and use thereof

JOURNAL Patent: KR 1020130038601-A 6 18-APR-2013.

GREEN CORSS VETERINARY PORDUCTS CO., LTD

COMMENT KN KR 1020110103046-A/6

AN KR 1020110103046

AD 2011-10-10

DN KR 1020130038601

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Analyze this sequence

Run BLAST

Pick Primers

Find in this Sequence

Influenza Virus Resource

Retrieve, view, and download influenza virus genomic and protein sequences.

Related information

Taxonomy

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Enter Query Sequence

Enter accession number(s), gi(s), or FASTA sequence(s) [Clear](#)

DI250797.1

Query subrange [?](#)

From

To

Or, upload file No file chosen [?](#)

Job Title

Enter a descriptive title for your BLAST search [?](#)

☐ Align two or more sequences [?](#)

Choose Search Set

Database ☒ Standard databases (nr etc.): ☐ rRNA/ITS databases ☐ Genomic + transcript databases ☐ Betacoronavirus

Nucleotide collection (nr/nt) [?](#)

Organism [Optional](#)

Enter organism name or id--completions will be suggested ☐ exclude [Add organism](#)

Enter organism common name, binomial, or tax id. Only 20 top taxa will be shown [?](#)

Exclude [Optional](#)

☐ Models (XM/XP) ☐ Uncultured/environmental sample sequences

Limit to [Optional](#)

☐ Sequences from type material

Entrez Query [Optional](#)

[YouTube](#) [Create custom database](#)

Enter an Entrez query to limit search [?](#)

Program Selection

Optimize for ☒ Highly similar sequences (megablast)

☐ More dissimilar sequences (discontiguous megablast)

☐ Somewhat similar sequences (blastn)

Choose a BLAST algorithm [?](#)

BLAST Search database Nucleotide collection (nr/nt) using Megablast (Optimize for highly similar sequences)

☐ Show results in a new window

+ Algorithm parameters

BLAST

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blast.ncbi.nlm.nih.gov/Blast.cgi

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Job Title dbj|DI250797.1|

RID [UVVRCY9Y013](#) Search expires on 12-07 18:07 pm [Download All](#)

Program BLASTN [Citation](#)

Database nt [See details](#)

Query ID [DI250797.1](#)

Description KR 1020130038601-A/6: Novel swine influenza virus A H1N...

Molecule type dna

Query Length 982

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Descriptions [Graphic Summary](#) [Alignments](#) [Taxonomy](#)

Sequences producing significant alignments

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