

patients

clinical
coronavirus
disease
age
ct
pneumonia
laboratory
wuhan
severe
mortality
symptoms
study
hospital
significantly
fever
admission
characteristics

luciferase
membrane
sequence
site
ml
frameshift
buffer
frameshifting
protein
control
cells
ccr
mm
min
proteins
ifit
human
previously
peptide

reuse_allowed
health
reviewed
study
reuse
peer
international
allowed
display
perpetuity
granted
medrxiv
display_perpetuity
granted_medrxiv
medrxiv_display
allowed_granted
international_granted
perpetuity_peer
er_reviewed
medical

honey pollen
nutritional effects colonies
levels strains
selection rates bees viral
fitness genetic
evolution foragers
immunity
mutation
genes
differences immune

transcription

resistance
protein
specific
complex
expression
dna
pnuts
drug
binding
genes
mination
jbppp
gene
proteins
pol

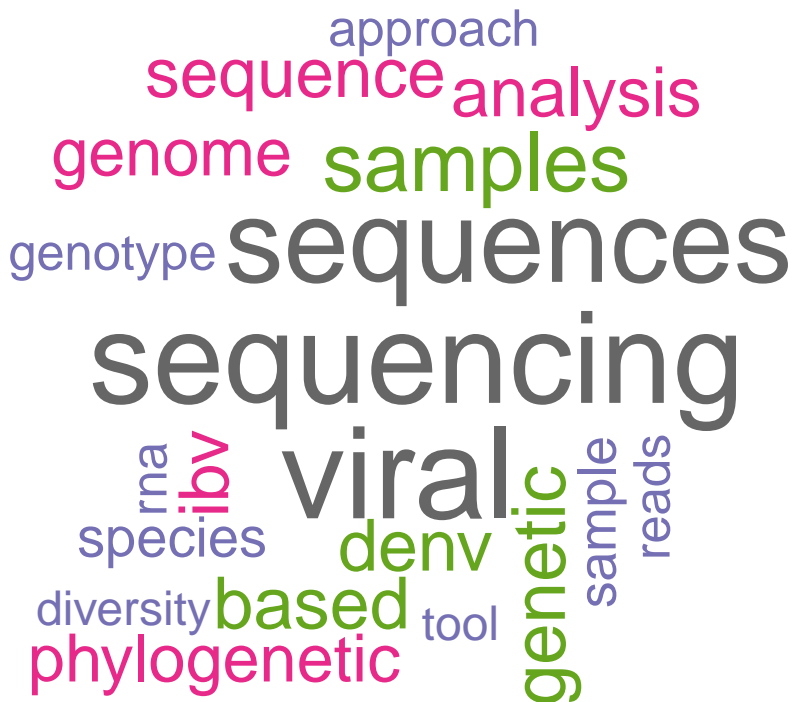
A word cloud of biological terms. The most prominent words are 'protein' (large, dark grey) and 'proteins' (large, yellow). Other significant words include 'replication' (pink), 'cells' (brown), 'nsp' (yellow), 'cell' (green), 'factors' (orange), 'assembly' (orange), 'complex' (blue), 'fig' (blue), 'binding' (blue), 'infected' (blue), 'rna' (blue), 'host' (blue), 'translation' (blue), 'synthesis' (blue), 'mosquito' (blue), 'pathway' (blue), 'zikv' (orange), and 'ns' (green). The words are arranged in a cluster, with 'protein' and 'proteins' being the largest and most central.

assembly
complex
fig
replication
nsp
cells
cell
factors
zikv
pathway
ns
proteins
protein
translation
host
rna
infected
binding
synthesis
mosquito

proteins
protease
wild
bats
species
rna
rdrp
exon
activity
replication
viral
host
mhy
fidelity
nsp
range
mutations
coronavirus
bat

A word cloud visualization of terms related to the COVID-19 pandemic. The words are arranged in a circular pattern around a central point. The most prominent words, shown in larger fonts, are 'china' (dark grey), 'epidemic' (yellow), and 'coronavirus' (pink). Other significant words include 'wuhan' (green), 'hubei' (blue), 'measures' (orange), 'rate' (orange), 'days' (blue), 'spread' (blue), 'province' (blue), 'control' (orange), 'disease' (orange), 'model' (blue), 'time' (blue), 'ncov' (blue), 'confirmed' (blue), 'outbreak' (blue), 'estimated' (orange), and 'ci' (orange). The words are oriented in various directions, creating a dynamic and multi-faceted visual representation of the topic.

january measures
rate hubei
days coronavirus
spread epidemic
china
ci
control
disease
model
time
ncov
confirmed
outbreak
estimated
wuhan
province



A word cloud of terms related to sequencing and genomics. The words are arranged in a roughly circular pattern, with 'sequencing' and 'sequences' being the largest and most central. Other prominent words include 'viral', 'genetic', 'based', 'phylogenetic', 'genotype', 'genome', 'samples', 'analysis', 'approach', 'reads', 'sample', 'tool', 'diversity', 'species', 'rna', 'ibv', 'denv', and 'genetic'. The words are colored in shades of purple, pink, green, and grey.

approach
sequence analysis
genome samples
genotype sequences
sequencing
viral
genetic
sample reads
based
phylogenetic
diversity
species
rna
ibv
denv
tool

A word cloud centered around the word "model". The words are arranged in a circular pattern, with "model" being the largest and most central. Other prominent words include "information", "methods", "models", "studies", "based", "molecular", "structure", "disease", "network", "approach", "prediction", "learning", "approaches", "results", "infectious", "behavior", "method", "level", "predict", and "prediction". The words are color-coded: "model" is dark grey, "information" is pink, "methods" is pink, "models" is green, "studies" is pink, "based" is green, "molecular" is purple, "structure" is purple, "disease" is blue, "network" is orange, "approach" is blue, "prediction" is blue, "learning" is blue, "approaches" is blue, "results" is blue, "infectious" is orange, "behavior" is orange, "method" is pink, "level" is orange, "predict" is blue, and "prediction" is blue.

model

information

methods

models

studies

based

molecular

structure

disease

network

approach

prediction

learning

approaches

results

infectious

behavior

method

level

predict

prediction

detection

pcr

nucleic_acid

sensitivity

samples

rt

respiratory

diagnosis

assay

based

time

detect

acid

positive

diagnostic

lamp

rt_pcr

nucleic

assays

results

protein

vaccine

epitopes

viral

cell

epitope

antibody

immune

dsrna

results

restricta

zika

identified

amino

antigen

strains

binding

study

fungus

orf

A word cloud visualization centered around the terms 'sars' and 'cov'. The words are arranged in a circular pattern, with 'sars' and 'cov' being the largest and most prominent. Other words include 'coronavirus', 'infection', 'syndrome', 'acute', 'respiratory', 'antiviral', 'disease', 'outbreak', 'based', 'treatment', 'respiratory', 'severe_acute', 'viral', 'drugs', 'drug', 'coronavirus_sars', 'acute_respiratory', and 'respiratory_syndrome'. The colors of the words are primarily green and orange.

respiratory_syndrome
sars_cov
acute
coronavirus
severe_acute
viral
infection
syndrome
drugs
coronavirus_sars
acute_respiratory
antiviral
disease
treatment
respiratory
outbreak
based
sars
cov

A word cloud of epidemiological terms arranged in a triangular shape. The words are of varying sizes and colors (brown, grey, yellow, pink, and purple). The largest words are 'transmission', 'epidemic', 'model', and 'time'. Other prominent words include 'outbreak', 'infected', 'rate', 'incidence', 'growth', 'susceptible', 'estimates', 'contact', 'population', 'disease', 'interval', 'reproduction', 'measures', 'generation', 'control', 'estimate', and 'incidence'.

transmission
epidemic
model
time
outbreak
infected
rate
incidence
growth
susceptible
estimates
contact
population
disease
interval
reproduction
measures
generation
control
estimate
incidence

expression
cells
infection
gene
cell
immune
response
mice
activation
including
zika
antiviral
induced
human
cellular
vivo
signaling
type
ibv
gene_expression

A word cloud centered around the term "rna". The words are arranged in a roughly triangular shape, pointing upwards. The colors of the words include shades of purple, blue, orange, green, and grey. The words are of varying sizes, with "rna" being the largest and most central. Other prominent words include "genome", "genes", "sequence", "structural", "transcripts", "domain", "coding", "analysis", "single", "genomes", "human", "gene", "genomic", "mirnas", "based", "expression", "structure", "identify", "rnas", and "identify".

rna

genome

genes

sequence

structural

transcripts

domain

coding

analysis

single

genomes

human

gene

genomic

mirnas

based

expression

structure

identify

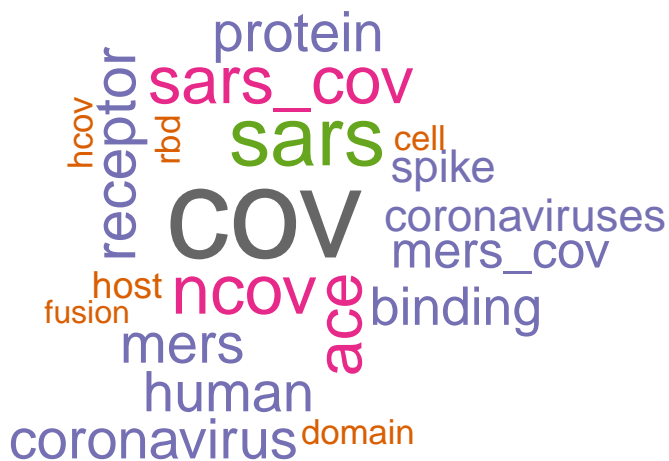
rnas

transmission

infectious pathogens individuals risk infection health disease human outbreaks public

population

pathogen dynamics diseases influenza international spread reviewed surveillance



A word cloud centered around the theme of coronaviruses. The words are arranged in a roughly circular shape, with varying font sizes and colors. The most prominent word is 'COV' in large, dark grey letters. Other significant words include 'sars_cov' in pink, 'sars' in green, 'receptor' in blue, 'protein' in blue, 'coronaviruses' in blue, 'binding' in blue, 'human' in blue, 'coronavirus' in blue, 'mers' in blue, 'ncov' in pink, 'spike' in blue, 'cell' in orange, 'domain' in orange, 'fusion' in orange, 'host' in orange, 'hcov' in orange, 'rbd' in orange, 'mers_cov' in blue, and 'protein' in blue.

protein
sars_cov
sars
receptor
hcov
rbd
cell
spike
COV
coronaviruses
mers_cov
binding
ncov
fusion
host
mers
human
coronavirus
domain