

BV-BRC Test Report

S1. Global Search

| | |
|----------------------|---|
| Item to test | Genomes Search |
| URL | https://www.bv-brc.org/ , top right on any page |
| Prerequisites | None |
| References | https://www.bv-brc.org/docs/quick_references/global_search.html |
| Tester(s) | Christian Zmasek, Anna Niewiadomska, Rebecca Wattam, Ron Kenyon |
| Test date | 04-Jan-2022 and 04-Feb-2022 (original-passed), 21-Apr-2022 (follow-up-passed) |
| Test result | Passed (minor issues reported) |

Overview

- Test the Global Search using representative search criteria for bacterial and viral data.
- Test using example Keywords.
- Test using combinations Data Type and Keywords.
- Inspect search results to verify that they match search criteria.
- For viral data, test using representative criteria and verify that returned genome counts are comparable with IRD/ViPR.

Test Results

- Test results were verified by examination of returned data via inspection, filters, and/or comparison with the same search in the legacy PATRIC and IRD/ViPR resources (if present in those resources).
- All searches returned expected data, with results matching search criteria.
- Search results were comparable between BV-BRC and IRD/ViPR.

Keyword: Mycobacterium tuberculosis

All Data Types ▾ Mycobacterium tuberculosis H37Rv | 🔍 ⓘ All terms ▾

Results:

Mycobacterium AND tuberculosis AND H37Rv

| | | |
|---------------------------|-------------------------|-------------------------|
| Taxa: 1 | Domains and Motifs: 0 | Surveillance: 0 |
| Genomes: 52 | Epitopes: 136 | Serology: 0 |
| Strains: 0 | Protein Structures: 714 | Experiments: 36 |
| Proteins: 108592 | Pathways: 36942 | Antibiotics: 1 |
| Specialty Genes: 23524569 | Subsystems: 22008 | Genomic Sequences: 1155 |

Top Matches

Taxa (1)

Mycobacterium tuberculosis H37Rv

12 Genomes

Genomes (52)

Mycobacterium tuberculosis H37Rv (Broad)

Genome ID: 83332.111 | 1 Contigs
SEQUENCED: 7/11/12 (Broad Institute)

Genomic DNA, wild types, parents and mutants provided by John Aquadro at the Broad Institute.

Mycobacterium tuberculosis H37Rv [PRJNA218189]

Genome ID: 83332.115 | 50 Contigs
SEQUENCED: 4/28/14 (Broad Institute)

HOST: Human, Homo sapiens

TB-ARC - Development

Mycobacterium tuberculosis H37Rv

Genome ID: 83332.12 | 1 Contigs
SEQUENCED: 6/19/98 (Wellcome Trust Sanger Institute)

HOST: Human, Homo sapiens

Mycobacterium tuberculosis strain H37Rv. This strain has been derived from the original human-lung H37 isolate in 1934, and has been used extensively worldwide in biomedical research. Unlike some clinical isolates, it retains full virulence in animal models of tuberculosis and is susceptible to drugs and receptive to genetic manipulation.

Proteins (108592)

Keyword: Mycobacterium tuberculosis
 Data Type: Genomes

Genomes ▼ Mycobacterium tuberculosis H37Rv Q ⓘ All terms ▼

Results: (Genome count matches count above)

Genome List View
 GENOMES: (52 Genomes)

Overview **Genomes** Sequences AMR Phenotypes Proteins Specialty Genes Pathways Subsystems

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| <input type="checkbox"/> | Genome Name | Strain | GenBank Accessions | Size | CDS | Collection Year | Isolation Country | Host Common Name |
|--------------------------|--|----------------------------------|--------------------|---------|------|-----------------|-------------------|------------------|
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv_ | H37Rv_CG | CP072765 | 4415999 | 4297 | 2020 | USA | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv_ | H37Rv_IC1 | CP053903 | 4411530 | 4283 | | Italy | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv_ | H37Rv_IC2 | CP053902 | 4411308 | 4287 | | Italy | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37RvP; | H37RvP200B | VRNE00000000 | 4423910 | 4744 | 1905 | USA | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37RvP | H37RvP | VRNC00000000 | 4028251 | 5808 | 1905 | USA | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37RvP; | H37RvP200 | VRND00000000 | 4383143 | 4516 | 1905 | USA | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain DR689P | DR689P | VRNF00000000 | 4441765 | 4604 | 1995 | Canada | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain DR689P; | DR689P200 | VRNG00000000 | 4371587 | 4645 | 1995 | Canada | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain DR689P; | DR689P200B | VRNH00000000 | 4361230 | 4463 | 1995 | Canada | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain Mycobac | Mycobacterium tuberculosis Tb36 | LR136961 | 4416500 | 4623 | 1999 | India | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain Mycobac | Mycobacterium tuberculosis 79112 | LR136960 | 4394834 | 4238 | 1963 | India | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain Mycobac | Mycobacterium tuberculosis 79499 | LR136962 | 4417154 | 4623 | 1963 | India | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | A6 8918_A6 | PKPV00000000 | 4407171 | 4325 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | B2 8918_B2 | PKPT00000000 | 4410491 | 4305 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | B3 8918_B3 | PKPS00000000 | 4410526 | 4310 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | B1 8918_B1 | PKPU00000000 | 4404006 | 4337 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | A4 8918_A4 | PKPW00000000 | 4407759 | 4324 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | A1 8918_A1 | PKPX00000000 | 4410047 | 4302 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | B4 8918_B4 | PKPR00000000 | 4406649 | 4330 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain 8918_ | B5 8918_B5 | PKPQ00000000 | 4403300 | 4321 | 2015 | USA | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | H37Rv | NVQJ00000000 | 4356336 | 4416 | 1997 | USA | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv-p | H37Rv-ptkA mutant | NSHG00000000 | 4362922 | 4450 | 1997 | USA | Human |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain BTB 08-; | BTB 08-75-lux | FWED00000000 | 4322134 | 4550 | | | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain CDC 15C | CDC 1551-lux | FWEE00000000 | 4349955 | 4598 | | | |

1 - 52 of 52 results < 1 >

Keyword: Mycobacterium tuberculosis
 Data Type: Proteins (features)

Results: (Protein count **does not match** count above)

Feature List View
 (109799 Genomic Features)

Feature List Overview **Features**

DOWNLOAD KEYWORDS ADV Search CDS PATRIC FILTERS

| Genome ID | Genome Name | Accession | Feature Type | BRC ID | RefSeq Locus Tag | Start | End | Strand | Length (NA) | Gene Symbol | Product |
|--------------------------|-------------|---|--------------|------------------|------------------|---------|---------|--------|-------------|-------------|---|
| <input type="checkbox"/> | 83332.417 | Mycobacterium tuberculosis H37 NVQJ01000012 | CDS | fig 83332.417.p | | 79568 | 79762 | - | 195 | | hypothetical protein Rv2283 |
| <input type="checkbox"/> | 1773.22913 | Mycobacterium tuberculosis stra CP053903 | CDS | fig 1773.22913.p | HRD53_14005 | 2980824 | 2981153 | - | 330 | | Mb2678c, -, len: 73 aa. Equivalent to R |
| <input type="checkbox"/> | 757421.3 | Mycobacterium tuberculosis H37 H37RvLPb | CDS | fig 757421.3.pe | | 1200601 | 1201668 | + | 1068 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757421.3 | Mycobacterium tuberculosis H37 H37RvLPb | CDS | fig 757421.3.pe | | 706387 | 706935 | + | 549 | | hypothetical protein Rv0612 Rv0609A |
| <input type="checkbox"/> | 757421.3 | Mycobacterium tuberculosis H37 H37RvLPb | CDS | fig 757421.3.pe | | 3904830 | 3905648 | - | 819 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757420.3 | Mycobacterium tuberculosis H37 H37RvHA | CDS | fig 757420.3.pe | | 1200598 | 1201665 | + | 1068 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757420.3 | Mycobacterium tuberculosis H37 H37RvHA | CDS | fig 757420.3.pe | | 706384 | 706932 | + | 549 | | hypothetical protein Rv0612 Rv0609A |
| <input type="checkbox"/> | 757420.3 | Mycobacterium tuberculosis H37 H37RvHA | CDS | fig 757420.3.pe | | 3905569 | 3906387 | - | 819 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757418.3 | Mycobacterium tuberculosis H37 H37RvUM4 | CDS | fig 757418.3.pe | | 706384 | 706932 | + | 549 | | hypothetical protein Rv0612 Rv0609A |
| <input type="checkbox"/> | 757417.4 | Mycobacterium tuberculosis H37 H37RvAE4 | CDS | fig 757417.4.pe | | 3905555 | 3906373 | - | 819 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757419.3 | Mycobacterium tuberculosis H37 H37RvCO4 | CDS | fig 757419.3.pe | | 706384 | 706932 | + | 549 | | hypothetical protein Rv0612 Rv0609A |
| <input type="checkbox"/> | 757417.4 | Mycobacterium tuberculosis H37 H37RvAE4 | CDS | fig 757417.4.pe | | 706384 | 706932 | + | 549 | | hypothetical protein Rv0612 Rv0609A |
| <input type="checkbox"/> | 757419.3 | Mycobacterium tuberculosis H37 H37RvCO4 | CDS | fig 757419.3.pe | | 1200598 | 1201665 | + | 1068 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757418.3 | Mycobacterium tuberculosis H37 H37RvUM4 | CDS | fig 757418.3.pe | | 1200598 | 1201665 | + | 1068 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757417.4 | Mycobacterium tuberculosis H37 H37RvAE4 | CDS | fig 757417.4.pe | | 1200598 | 1201665 | + | 1068 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757422.3 | Mycobacterium tuberculosis H37 H37RvJO2 | CDS | fig 757422.3.pe | | 3906189 | 3907007 | - | 819 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757422.3 | Mycobacterium tuberculosis H37 H37RvJO2 | CDS | fig 757422.3.pe | | 706330 | 706935 | + | 606 | | hypothetical protein Rv0612 Rv0609A |
| <input type="checkbox"/> | 757419.3 | Mycobacterium tuberculosis H37 H37RvCO4 | CDS | fig 757419.3.pe | | 3907527 | 3908345 | - | 819 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757422.3 | Mycobacterium tuberculosis H37 H37RvJO2 | CDS | fig 757422.3.pe | | 1200601 | 1201668 | + | 1068 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 757418.3 | Mycobacterium tuberculosis H37 H37RvUM4 | CDS | fig 757418.3.pe | | 3905555 | 3906373 | - | 819 | | Esterase/lipase Rv1076/Rv3487c |
| <input type="checkbox"/> | 83332.417 | Mycobacterium tuberculosis H37 NVQJ01000012 | CDS | fig 83332.417.p | | 55691 | 55849 | + | 159 | | hypothetical protein |
| <input type="checkbox"/> | 83332.417 | Mycobacterium tuberculosis H37 NVQJ01000006 | CDS | fig 83332.417.p | | 104490 | 104630 | - | 141 | | hypothetical protein |
| <input type="checkbox"/> | 83332.417 | Mycobacterium tuberculosis H37 NVQJ01000052 | CDS | fig 83332.417.p | | 27946 | 28110 | + | 165 | | hypothetical protein |
| <input type="checkbox"/> | 83332.417 | Mycobacterium tuberculosis H37 NVQJ01000104 | CDS | fig 83332.417.p | | 2158 | 2298 | + | 141 | | hypothetical protein |

1 - 200 of 73116 results < 1 2 3 ... 366 >

Keyword: Mycobacterium tuberculosis H37Rv
Data Type: Specialty Genes

Results: (Specialty Genes count matches count above)

Specialty Gene List View
SPECIALTY GENES: Mycobacterium AND tuberculosis AND H37Rv (23524569 Specialty Genes)

Specialty Genes

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  FILTERS

| <input type="checkbox"/> | Evidence | Property | Source | BRC ID | RefSeq Locus Tag | Source ID | Gene | Product | Pubmed | Identity | E-value |
|--------------------------|----------|------------------|-----------|----------------------|------------------|-----------|---------|---------------------------------|----------|----------|---------|
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.85 | | 15610304 | Rv3168 | Phosphotransferase | 14569030 | 100 | 1e-226 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.20 | | 15608472 | Rv1332 | Transcriptional regulator | 14569030 | 100 | 1e-110 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.25 | | 15610413 | Rv3277 | hypothetical protein | 14569030 | 100 | 1e-153 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.73 | | 15609844 | Rv2707 | Ribonuclease BN | 14569030 | 100 | 1e-185 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.62 | | 15608728 | Rv1590 | hypothetical protein | 14569030 | 100 | 1e-40 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.54 | | 15610655 | Rv3519 | hypothetical protein | 14569030 | 100 | 1e-136 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.53 | | 15610663 | Rv3527 | hypothetical protein Rv3527 | 15340136 | 100 | 1e-86 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.27 | | 15610625 | Rv3489 | hypothetical protein | 14569030 | 100 | 7e-23 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.11 | | 15609945 | Rv2808 | hypothetical protein | 14569030 | 100 | 9e-35 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.32 | | 15607240 | Rv0098 | hypothetical protein Rv0098 | 14569030 | 100 | 1e-103 |
| <input type="checkbox"/> | BLAT | Virulence Factor | PATRIC_VF | fig 83332.417.peg.85 | | Rv3168 | | Phosphotransferase | 14569030 | 100 | 1e-226 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.18 | | 15607626 | Rv0485 | Transcriptional regulator | 19651861 | 100 | 1e-247 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.15 | | 15608332 | Rv1192 | hypothetical protein | 14569030 | 100 | 1e-165 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.20 | | 15608473 | Rv1333 | Possible amide hydrolase Rv1333 | 14569030 | 100 | 1e-198 |
| <input type="checkbox"/> | BLAT | Virulence Factor | PATRIC_VF | fig 83332.417.peg.42 | | Rv2227 | | hypothetical protein Rv2227 | 17030567 | 100 | 3e-92 |
| <input type="checkbox"/> | BLAT | Virulence Factor | PATRIC_VF | fig 83332.417.peg.32 | | Rv0098 | | hypothetical protein Rv0098 | 14569030 | 100 | 1e-103 |
| <input type="checkbox"/> | BLAT | Virulence Factor | PATRIC_VF | fig 83332.417.peg.20 | | Rv1332 | | Transcriptional regulator | 14569030 | 100 | 1e-110 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.43 | | 15610859 | Rv3723 | putative membrane protein | 14569030 | 100 | 1e-144 |
| <input type="checkbox"/> | BLAT | Virulence Factor | PATRIC_VF | fig 83332.417.peg.32 | | Rv0097 | | putative oxidoreductase Rv0097 | 17030567 | 100 | 1e-174 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.41 | | 15609361 | Rv2224c | Exported protease | 14569030 | 100 | 1e-311 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.25 | | 15610394 | Rv3258c | hypothetical protein | 14569030 | 100 | 1e-95 |
| <input type="checkbox"/> | BLAT | Virulence Factor | PATRIC_VF | fig 83332.417.peg.27 | | Rv3489 | | hypothetical protein | 14569030 | 100 | 7e-23 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.31 | | 15608511 | Rv1371 | Desaturase-related protein | 14569030 | 100 | 1e-295 |
| <input type="checkbox"/> | BLAT | Virulence Factor | Victors | fig 83332.417.peg.26 | | 15610346 | Rv3210c | hypothetical protein | 14569030 | 100 | 1e-126 |

1 - 200 of 23524569 results < 1 2 3 ... 117623 >

Keyword: Mycobacterium tuberculosis H37Rv
Data Type: Domains and Motifs

Results: (*Does not return any results*)

Protein Features List View
PROTEIN FEATURES: Mycobacterium AND tuberculosis AND H37Rv (loading...)

Protein Features

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| <input type="checkbox"/> | BRC ID | RefSeq Locus Tag | Gene | Product | Source | Source ID | Description | E Value | Evidence |
|--------------------------|--------|------------------|------|---------|--------|-----------|-------------|---------|----------|
| No results found. | | | | | | | | | |

0 - 0 of 0 results < >

Keyword: Mycobacterium tuberculosis H37Rv
 Data Type: Epitope

Results: (Count matches count above)

Epitope List View
 EPITOPES: Mycobacterium AND tuberculosis AND H37Rv (136 Epitope)

Epitopes

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| <input type="checkbox"/> | Epitope ID | Epitope Type | Epitope Sequence | Organism | Protein Name | Total Assays | Bcell Assays | Tcell Assays | MHC Assays |
|--------------------------|------------|----------------|------------------|----------------------------|---------------------|--------------|--------------|--------------|------------|
| <input type="checkbox"/> | 220664 | Linear peptide | VEHDGQYAVASLGC | Mycobacterium tuberculosis | F420H(2)-dependent | 1 | | 0/1 | |
| <input type="checkbox"/> | 18756 | Linear peptide | GASAAASALPPFTPF | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 19340 | Linear peptide | GELDVIALYIASIAT | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 203 | Linear peptide | AAIAATQAEYAEMWA | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 20993 | Linear peptide | GLLGIASLNPQVGS | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 21029 | Linear peptide | GLLSGMALASLAAR | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 2109 | Linear peptide | AITNTARPWHLGYG | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 21811 | Linear peptide | GPTQGHPLSSATDEF | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 22369 | Linear peptide | GSIALAITNTARPWH | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 22573 | Linear peptide | GSVVSTLIVEPVMGF | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 22804 | Linear peptide | GTRSGTSDGQEDG | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 22979 | Linear peptide | GVGHAALVGALSVP | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 2422 | Linear peptide | ALAKETATQARAAAE | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 24474 | Linear peptide | HPLSSATDEPEPHW | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 25 | Linear peptide | AAAATPYVGWLAATA | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 26272 | Linear peptide | IGLYGNAGGLGPTQC | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 28092 | Linear peptide | IPTPIGELDVIALYI | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 2960 | Linear peptide | ALVGALSVPHSWTTA | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 32842 | Linear peptide | KPPVVVIREQPPPGN | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 339 | Linear peptide | AANRSRLMSLVAANI | Mycobacterium tuberculosis | Uncharacterized PPE | 3 | | 0/3 | |
| <input type="checkbox"/> | 34683 | Linear peptide | LAANADPLTSGLLGI | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 34687 | Linear peptide | LAARGTTGGGGTRS | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 34694 | Linear peptide | LAATAALAKETATQA | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |
| <input type="checkbox"/> | 34934 | Linear peptide | LAQLPPGILSDILSA | Mycobacterium tuberculosis | Uncharacterized PPE | 2 | | 0/2 | |

1 - 136 of 136 results < 1 >

Keyword: Mycobacterium tuberculosis H37Rv
Data Type: Protein Structures

Results: (Count matches count above)

Protein Structure List View
PROTEIN STRUCTURES: Mycobacterium AND tuberculosis AND H37Rv (714 Structures)

Structures

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| <input type="checkbox"/> | PDB ID | Title | Organism Name | BRC ID | UniProtKB Accession | Gene | Product | Method | Release Date |
|--------------------------|--------|---|----------------------------|----------------------|---------------------|-----------|--|-------------------|--------------|
| <input type="checkbox"/> | 6Y56 | MenT4, nucleotidyltransferase toxin Rv282 | Mycobacterium tuberculosis | fig 83332.12.peg.315 | P71626 | Rv2826c | Uncharacterized protein | X-ray diffraction | 2020-09-16T |
| <input type="checkbox"/> | 5ZHC | Crystal structure of the PadR-family transcri | Mycobacterium tuberculosis | fig 83332.12.peg.389 | I6X7F9 | Rv3488 | Transcriptional regulator Rv3488 | X-ray diffraction | 2018-10-17T |
| <input type="checkbox"/> | 4RTF | Crystal structure of molecular chaperone Dr | Mycobacterium tuberculosis | | I6Y7L1 | | Chaperone protein DnaK | X-ray diffraction | 2014-12-10T |
| <input type="checkbox"/> | 2KGY | Solution structure of Rv0603 protein from M | Mycobacterium tuberculosis | fig 83332.12.peg.669 | O07775 | Rv0603 | Possible exported protein | Solution nmr | 2010-03-31T |
| <input type="checkbox"/> | 7O4Q | Structure of Mycobacterium tuberculosis be | Mycobacterium tuberculosis | fig 83332.12.peg.961 | O53871,O53872 | fadA,fadB | Putative acyltransferase Rv0859,3-hydroxyacyl-CoA de | X-ray diffraction | 2021-08-25T |
| <input type="checkbox"/> | 5ZHV | Crystal structure of the PadR-family transcri | Mycobacterium tuberculosis | fig 83332.12.peg.389 | I6X7F9 | Rv3488 | Transcriptional regulator Rv3488 | X-ray diffraction | 2018-10-17T |
| <input type="checkbox"/> | 7O4V | Structure of Mycobacterium tuberculosis be | Mycobacterium tuberculosis | fig 83332.12.peg.961 | O53871,O53872 | fadA,fadB | Putative acyltransferase Rv0859,3-hydroxyacyl-CoA de | X-ray diffraction | 2021-08-25T |
| <input type="checkbox"/> | 5ZIB | Crystal structure of the PadR-family transcri | Mycobacterium tuberculosis | fig 83332.12.peg.389 | I6X7F9 | Rv3488 | Transcriptional regulator Rv3488 | X-ray diffraction | 2018-10-17T |
| <input type="checkbox"/> | 5HKL | Crystal structure of Mycobacterium tubercul | Mycobacterium tuberculosis | fig 83332.12.peg.419 | P9WHK9 | pyrE | Orotate phosphoribosyltransferase | X-ray diffraction | 2017-01-25T |
| <input type="checkbox"/> | 1TQ8 | Crystal Structure of protein Rv1636 from M | Mycobacterium tuberculosis | | O06153 | | hypothetical protein Rv1636 | X-ray diffraction | 2004-06-29T |
| <input type="checkbox"/> | 5HKI | Crystal structure of Mycobacterium tubercul | Mycobacterium tuberculosis | fig 83332.12.peg.419 | P9WHK9 | pyrE | Orotate phosphoribosyltransferase | X-ray diffraction | 2017-01-25T |
| <input type="checkbox"/> | 6EIC | Crystal structure of Rv0183, a Monoglyceric | Mycobacterium tuberculosis | fig 83332.12.peg.207 | O07427 | Rv0183 | Monoacylglycerol lipase | X-ray diffraction | 2018-06-27T |
| <input type="checkbox"/> | 3LT3 | Crystal structure of Rv3671c from M. tuberc | Mycobacterium tuberculosis | | O69639 | | POSSIBLE MEMBRANE-ASSOCIATED SERINE PRO | X-ray diffraction | 2010-11-03T |
| <input type="checkbox"/> | 5LD8 | GSK3011724A cocrystallised with Mycobact | Mycobacterium tuberculosis | fig 83332.601.peg.62 | P9WQD9 | kasA | 3-oxoacyl-[acyl-carrier-protein] synthase 1 | X-ray diffraction | 2016-09-21T |
| <input type="checkbox"/> | 7LD8 | Crystal Structure of Putative non-heme bror | Mycobacterium tuberculosis | fig 83332.12.peg.614 | P9WNH1 | bpoC | Putative non-heme bromoperoxidase BpoC | X-ray diffraction | 2021-01-20T |
| <input type="checkbox"/> | 7AI3 | Crystal structure of MCE domain of Mce4A | Mycobacterium tuberculosis | fig 83332.12.peg.390 | I6YC99 | mce4A | Mce-family protein Mce4A | X-ray diffraction | 2021-08-25T |
| <input type="checkbox"/> | 4RYE | The crystal structure of D-ALANYL-D-ALAN | Mycobacterium tuberculosis | fig 83332.621.peg.18 | I6Y204 | dacB2 | D-alanyl-D-alanine carboxypeptidase DacB2 | X-ray diffraction | 2015-01-28T |
| <input type="checkbox"/> | 6Y5U | MenT3 (aka TglT), nucleotidyltransferase to | Mycobacterium tuberculosis | fig 83332.12.peg.116 | P96356 | Rv1045 | Uncharacterized protein | X-ray diffraction | 2020-09-16T |
| <input type="checkbox"/> | 5C6U | Rv3722c aminotransferase from Mycobacte | Mycobacterium tuberculosis | fig 83332.12.peg.414 | O69689 | Rv3722c | Aspartate aminotransferase | X-ray diffraction | 2015-07-15T |
| <input type="checkbox"/> | 5WM9 | Crystal Structure of TetR family regulator Rv | Mycobacterium tuberculosis | fig 83332.12.peg.89 | O53623 | Rv0078 | Probable transcriptional regulatory protein | X-ray diffraction | 2018-07-04T |
| <input type="checkbox"/> | 7O4R | Structure of Mycobacterium tuberculosis be | Mycobacterium tuberculosis | fig 83332.439.peg.10 | O53872,O53873 | fadB,fadA | 3-hydroxyacyl-CoA dehydrogenase,Putative acyltransf | X-ray diffraction | 2021-08-25T |
| <input type="checkbox"/> | 7O4S | Structure of Mycobacterium tuberculosis be | Mycobacterium tuberculosis | fig 83332.12.peg.961 | O53871,O53872 | fadA,fadB | Putative acyltransferase Rv0859,3-hydroxyacyl-CoA de | X-ray diffraction | 2021-08-25T |
| <input type="checkbox"/> | 7O4T | Structure of Mycobacterium tuberculosis be | Mycobacterium tuberculosis | fig 83332.12.peg.961 | O53871,O53872 | fadA,fadB | Putative acyltransferase Rv0859,3-hydroxyacyl-CoA de | X-ray diffraction | 2021-08-25T |
| <input type="checkbox"/> | 5HKF | Crystal structure of Mycobacterium tubercul | Mycobacterium tuberculosis | fig 83332.12.peg.419 | P9WHK9 | pyrE | Orotate phosphoribosyltransferase | X-ray diffraction | 2017-01-25T |

1 - 200 of 714 results < 1 2 3 4 >

Keyword: Mycobacterium tuberculosis H37Rv
 Data Type: Pathways

Results: (Count matches count above)

Pathway List View
 PATHWAYS: Mycobacterium AND tuberculosis AND H37Rv (36942 Pathway)

Pathways

DOWNLOAD KEYWORDS ADV Search FILTERS

| <input type="checkbox"/> | Genome Name | RefSeq Locus Tag | BRC ID | Gene | Product | EC Description | Pathway ID | Pathway Name | <input type="checkbox"/> |
|--------------------------|---|------------------|--------|------|----------------------|----------------------|------------|-----------------------------------|--------------------------|
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00680 | Methane metabolism | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00680 | Methane metabolism | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00620 | Pyruvate metabolism | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00620 | Pyruvate metabolism | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00630 | Glyoxylate and dicarboxylate met | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00020 | Citrate cycle (TCA cycle) | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00630 | Glyoxylate and dicarboxylate met | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00020 | Citrate cycle (TCA cycle) | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00710 | Carbon fixation in photosynthetic | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1240 | | | mdh | malate dehydrogenase | Malate dehydrogenase | 00710 | Carbon fixation in photosynthetic | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv3631 | | | | transferase | Transferases. | 00231 | Puromycin biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv3400 | | | | hydrolase | Hydrolases. | 00231 | Puromycin biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv0486 | | | | mannosyltransferase | Hexosyltransferases. | 00600 | Sphingolipid metabolism | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv3684 | | | | lyase | Lyases. | 00196 | Photosynthesis - antenna protei | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1136 | | | | enoyl-CoA hydratase | Isomerases. | 00100 | Steroid biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv2715 | | | | hydrolase | Hydrolases. | 00231 | Puromycin biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1723 | | | | hydrolase | Hydrolases. | 00231 | Puromycin biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1524 | | | | glycosyltransferase | Hexosyltransferases. | 00600 | Sphingolipid metabolism | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1500 | | | | glycosyltransferase | Transferases. | 00231 | Puromycin biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1136 | | | | enoyl-CoA hydratase | Isomerases. | 00100 | Steroid biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1524 | | | | glycosyltransferase | Hexosyltransferases. | 00561 | Glycerolipid metabolism | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1834 | | | | hydrolase | Hydrolases. | 00231 | Puromycin biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv2800 | | | | hydrolase | Hydrolases. | 00231 | Puromycin biosynthesis | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37R\ Rv1524 | | | | glycosyltransferase | Hexosyltransferases. | 00600 | Sphingolipid metabolism | |

1 - 200 of 36942 results < 1 2 3 ... 185 >

Keyword: Mycobacterium tuberculosis H37Rv
 Data Type: Subsystems

Results: (Count matches count above)

Subsystem List View
 SUBSYSTEMS: Mycobacterium AND tuberculosis AND H37Rv (22008 Subsystems)

Subsystems

DOWNLOAD KEYWORDS ADV Search FILTERS

| <input type="checkbox"/> | Genome Name | RefSeq Locus Tag | BRC ID | Product | Role Name | Subsystem Name | Superclass | Class | Subclass |
|--------------------------|--|------------------|----------------------|--|----------------|----------------|---------------|----------------|----------------|
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv2630 | fig 83332.12.peg.294 | Archease | Archease | Archease | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv1707 | fig 83332.12.peg.190 | Sulfate permease | Sulfate perm | Carbonic anh | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv1739c | fig 83332.12.peg.193 | Sulfate transporter | Sulfate transp | Carbonic anh | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | | fig 83332.417.peg.39 | Archease | Archease | Archease | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv1826 | fig 83332.12.peg.203 | Glycine cleavage system H protein | Glycine cleav | Lipoylated pr | Metabolism | Cofactors, Vit | Lipoic acid |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv1240 | fig 83332.12.peg.138 | Malate dehydrogenase (EC 1.1.1.37) | Malate dehyd | Glyoxylate by | Energy | Energy and P | Central Met |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv1240 | fig 83332.12.peg.138 | Malate dehydrogenase (EC 1.1.1.37) | Malate dehyd | TCA Cycle | Energy | Energy and P | Central Met |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv-It | | fig 1773.8372.peg.18 | Archease | Archease | Archease | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv0023 | fig 83332.12.peg.27 | HTH-type transcriptional regulator Rv0023 | HTH-type trar | Cell wall-assc | Cell Envelope | Cell Envelope | Cell wall of I |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv1826 | fig 83332.12.peg.203 | Glycine cleavage system H protein | Glycine cleav | Glycine cleav | Metabolism | Amino Acids ; | Alanine, ser |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv2678c | fig 83332.12.peg.298 | Uroporphyrinogen III decarboxylase (EC 4.1.1.37) | Uroporphyrin | Metal chelata | Metabolism | Cofactors, Vit | Tetrapyrrole |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv-It | | fig 1773.8373.peg.43 | Archease | Archease | Archease | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv-p | | fig 1773.8655.peg.94 | Archease | Archease | Archease | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | LH57_14395 | fig 83332.293.peg.29 | Archease | Archease | Archease | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv (Broad) | RVBD_2630 | fig 83332.111.peg.29 | Archease | Archease | Archease | Miscellaneous | Miscellaneous | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | | fig 83332.417.peg.34 | HTH-type transcriptional regulator Rv0023 | HTH-type trar | Cell wall-assc | Cell Envelope | Cell Envelope | Cell wall of I |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv1342c | fig 83332.12.peg.150 | Membrane protein Rv1342c | Membrane pr | Mycobacteria | Stress Respo | Stress Respo | |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | Rv3553 | fig 83332.12.peg.396 | Monooxygenase lpdC | Monooxygen | Cholesterol c | Metabolism | Fatty Acids, L | Steroids anc |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | | fig 83332.417.peg.20 | Membrane protein Rv1342c | Membrane pr | Mycobacteria | Stress Respo | Stress Respo | |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv-It | | fig 1773.8373.peg.38 | HTH-type transcriptional regulator Rv0023 | HTH-type trar | Cell wall-assc | Cell Envelope | Cell Envelope | Cell wall of I |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv-It | | fig 1773.8372.peg.16 | HTH-type transcriptional regulator Rv0023 | HTH-type trar | Cell wall-assc | Cell Envelope | Cell Envelope | Cell wall of I |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv (Broad) | RVBD_0023 | fig 83332.111.peg.28 | HTH-type transcriptional regulator Rv0023 | HTH-type trar | Cell wall-assc | Cell Envelope | Cell Envelope | Cell wall of I |
| <input type="checkbox"/> | Mycobacterium tuberculosis H37Rv | LH57_00145 | fig 83332.293.peg.28 | HTH-type transcriptional regulator Rv0023 | HTH-type trar | Cell wall-assc | Cell Envelope | Cell Envelope | Cell wall of I |
| <input type="checkbox"/> | Mycobacterium tuberculosis strain H37Rv-p | | fig 1773.8655.peg.54 | HTH-type transcriptional regulator Rv0023 | HTH-type trar | Cell wall-assc | Cell Envelope | Cell Envelope | Cell wall of I |

1 - 200 of 22008 results < 1 2 3 ... 111 >

Keyword: Mycobacterium tuberculosis H37Rv
Data Type: Taxa

Results: (Count matches count above)

Taxon List View
TAXA: Mycobacterium AND tuberculosis AND H37Rv (1 Taxa)

Taxa

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| <input type="checkbox"/> | Taxon ID | Taxon Name | Taxon Rank | Other Names | Genetic Code | Genomes | <input type="checkbox"/> |
|--------------------------|----------|----------------------------------|------------|------------------------------------|--------------|---------|--------------------------|
| <input type="checkbox"/> | 83332 | Mycobacterium tuberculosis H37Rv | strain | Mycobacterium sp. H37Rv,Mycobacter | 11 | 12 | |

Keyword: Mycobacterium tuberculosis H37Rv
 Data Type: Experiments

Results: (Count matches count above)

Experiment List View
 EXPERIMENTS: Mycobacterium AND tuberculosis AND H37Rv (36 Experiments)

Experiments Biosets

DOWNLOAD KEYWORDS ADV Search FILTERS

| <input type="checkbox"/> | Exp Name | Exp Title | Public Identifier | Exp Type | Biosets | Organism | Strain | Treatment Type | Treatment Name | Treatment Amount | Treatment Duration |
|--------------------------|----------|------------------|-------------------|----------------|---------|----------------------------|------------------------|----------------|----------------|------------------|--------------------|
| <input type="checkbox"/> | GSE24035 | Mycobacterium | GSE24035 | Transcript Que | 1 | Mycobacterium tuberculosis | H37Rv | Chelerythrine | Chelerythrine | | |
| <input type="checkbox"/> | GSE37840 | Mycobacterium | GSE37840 | Transcript Que | 1 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | |
| <input type="checkbox"/> | GSE7539 | A PhoP point r | GSE7539 | Transcript Que | 7 | Mycobacterium tuberculosis | H37Ra,H37Rv | strain compari | strain compari | | |
| <input type="checkbox"/> | GSE12302 | Transcription p | GSE12302 | Transcript Que | 1 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | |
| <input type="checkbox"/> | GSE15976 | Sigma factor B | GSE15976 | Transcript Que | 6 | Mycobacterium tuberculosis | H37Rv | SDS,diamide,r | SDS,diamide,r | | |
| <input type="checkbox"/> | GSE3999 | Comparative e | GSE3999 | Transcript Que | 10 | Mycobacterium tuberculosis | H37Ra,H37Rv | strain compari | strain compari | | |
| <input type="checkbox"/> | GSE5815 | furB knockout | GSE5815 | Transcript Que | 1 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | |
| <input type="checkbox"/> | GSE18575 | Maltose-1-Pho | GSE18575 | Transcript Que | 1 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | |
| <input type="checkbox"/> | GSE21114 | Mycobacterium | GSE21114 | Transcript Que | 36 | Mycobacterium tuberculosis | CDC1551,clinical,H37Rv | strain compari | strain compari | | |
| <input type="checkbox"/> | GSE17232 | Genomic com | GSE17232 | Transcript Que | 2 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | |
| <input type="checkbox"/> | GSE13246 | Expressionpro | GSE13246 | Transcript Que | 2 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | 18 hr,48 hr |
| <input type="checkbox"/> | GSE11096 | Role of M. tubi | GSE11096 | Transcript Que | 16 | Mycobacterium tuberculosis | H37Rv | CO,NO | CO,NO | | |
| <input type="checkbox"/> | GSE59086 | Mapping and r | GSE59086 | Transcript Que | 209 | Mycobacterium tuberculosis | H37Rv | TF overexpres | TF overexpres | | 18 hrs |
| <input type="checkbox"/> | GSE13998 | Transcriptional | GSE13998 | Transcript Que | 8 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | 6 hrs,24 hrs,7 |
| <input type="checkbox"/> | GSE8829 | Rv3133c/dosR | GSE8829 | Transcript Que | 2 | Mycobacterium tuberculosis | H37Rv | oxygen | oxygen | | |
| <input type="checkbox"/> | GSE21590 | Reaeration tim | GSE21590 | Transcript Que | 1 | Mycobacterium tuberculosis | H37Rv | hypoxia | hypoxia | | 12 hrs |
| <input type="checkbox"/> | GSE7588 | Exploration of | GSE7588 | Transcript Que | 1 | Mycobacterium tuberculosis | H37Rv | capreomycin | capreomycin | | 4 hrs |
| <input type="checkbox"/> | GSE9776 | Effect of INH t | GSE9776 | Transcript Que | 6 | Mycobacterium tuberculosis | H37Rv | Isoniazid | Isoniazid | | 6 hrs,2 hrs |
| <input type="checkbox"/> | GSE13978 | Cholesterol's e | GSE13978 | Transcript Que | 4 | Mycobacterium tuberculosis | H37Rv,CDC1551 | Cholesterol,m | Cholesterol,m | | 3 hrs,24 hrs |
| <input type="checkbox"/> | GSE6750 | Complex interi | GSE6750 | Transcript Que | 4 | Mycobacterium tuberculosis | H37Rv | SDS,SDS,mu | SDS,SDS,mu | | 90 mins, |
| <input type="checkbox"/> | GSE8830 | A member of th | GSE8830 | Transcript Que | 2 | Mycobacterium tuberculosis | H37Rv | mutant vs wild | mutant vs wild | | |
| <input type="checkbox"/> | GSE5977 | Carboxyltransf | GSE5977 | Transcript Que | 2 | Mycobacterium tuberculosis | H37Rv | growth phase | growth phase | | |
| <input type="checkbox"/> | GSE30299 | Identification o | GSE30299 | Transcript Que | 2 | Mycobacterium tuberculosis | H37Rv | overexpressio | overexpressio | | 3hour,15min |
| <input type="checkbox"/> | GSE8664 | The Mycobact | GSE8664 | Transcript Que | 3 | Mycobacterium tuberculosis | H37Rv | mutant,SDS,m | mutant,SDS,m | | 90 mins, |

1 - 36 of 36 results

Keyword: Mycobacterium tuberculosis H37Rv

Data Type: Antibiotics

Results: (Count matches count above)

 Antibiotic List View
ANTIBIOTICS: Mycobacterium AND tuberculosis AND H37Rv (1 Antibiotics)

Antibiotics

KEYWORDS  ADV Search

 FILTERS

| <input type="checkbox"/> Antibiotic Name | PubChem CID | Molecular Formula | Molecular Weight |  |
|--|-------------|---|------------------|---|
| <input type="checkbox"/> ethionamide | 2761171 | C ₈ H ₁₀ N ₂ S | 166.242 g/mol | |

Keyword: Influenza

Results: Counts are comparable, with difference attributable to different data ingestion cycles

BV-BRC: 169,407 strains

| | | |
|-----------------------|--------------------------|---------------------------|
| Taxa: 129900 | Domains and Motifs: 391 | Surveillance: 1665853 |
| Genomes: 939401 | Epitopes: 9209 | Serology: 47936 |
| Strains: 169407 | Protein Structures: 1249 | Experiments: 25 |
| Proteins: 5057826 | Pathways: 0 | Antibiotics: 0 |
| Specialty Genes: 1132 | Subsystems: 0 | Genomic Sequences: 986547 |

IRD/ViPR: 160,003 strains

Strain Search Results

Your Selected Items: 0 items selected

[Show Segment Display](#) [Show Protein Display](#) [Add Strains to Working Set](#) [Save Search](#) [Download](#)

Your search returned **160,003** strains. [Search Criteria](#) Displaying **50** records per page, sorted by **Strain Name** in ascending order. [Display Settings](#)

Select all 760,372 segments 1 2 3 4 5 6 7 Next > Page: 1 of 3201

More columns were returned than can be displayed without scrolling. Use scroll bars at top and bottom of display to move right and left or reduce the number of columns displayed by using the Display Settings link above.

| | Strain Name | 1 PB2 | 2 PB1 | 3 PA | 4 HA | 5 NP | 6 NA | 7 MP |
|-------------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | View A/1352/02 | -N/A- | -N/A- | -N/A- | <input type="checkbox"/> AJ489861 | -N/A- | -N/A- | -N/A- |
| <input type="checkbox"/> | View A/1496/02 | -N/A- | -N/A- | -N/A- | -N/A- | -N/A- | <input type="checkbox"/> AJ489851 | -N/A- |
| <input type="checkbox"/> | View A/1660/02 | -N/A- | -N/A- | -N/A- | <input type="checkbox"/> AJ489862 | -N/A- | -N/A- | -N/A- |
| <input type="checkbox"/> | View A/575/01 | -N/A- | -N/A- | -N/A- | <input type="checkbox"/> AJ489859 | -N/A- | -N/A- | -N/A- |
| <input type="checkbox"/> | View A/576/01 | -N/A- | -N/A- | -N/A- | <input type="checkbox"/> AJ489860 | -N/A- | -N/A- | -N/A- |
| <input type="checkbox"/> | View A/AA/Huston/1945 | <input type="checkbox"/> CY021716 * | <input type="checkbox"/> CY021715 * | <input type="checkbox"/> CY021714 * | <input type="checkbox"/> CY021709 * | <input type="checkbox"/> CY021712 * | <input type="checkbox"/> CY021711 * | <input type="checkbox"/> CY021710 * |
| <input type="checkbox"/> | View A/AA/Marton/1943 | <input type="checkbox"/> CY020292 * | <input type="checkbox"/> CY020291 * | <input type="checkbox"/> CY020290 * | <input type="checkbox"/> CY020285 * | <input type="checkbox"/> CY020288 * | <input type="checkbox"/> CY020287 * | <input type="checkbox"/> CY020286 * |
| <input type="checkbox"/> | View A/Aalborg/INS132/2009 | <input type="checkbox"/> CY083917 * | <input type="checkbox"/> CY083916 * | <input type="checkbox"/> CY083915 * | <input type="checkbox"/> CY083910 * | <input type="checkbox"/> CY083913 * | <input type="checkbox"/> CY083912 * | <input type="checkbox"/> CY083911 * |
| <input type="checkbox"/> | View A/Aalborg/INS133/2009 | <input type="checkbox"/> CY063613 * | <input type="checkbox"/> CY063612 * | <input type="checkbox"/> CY063611 * | <input type="checkbox"/> CY063606 * | <input type="checkbox"/> CY063609 * | <input type="checkbox"/> CY063608 * | <input type="checkbox"/> CY063607 * |
| <input type="checkbox"/> | View A/Aalborg/INS282/2009 | <input type="checkbox"/> CY083782 * | -N/A- | <input type="checkbox"/> CY083781 * | <input type="checkbox"/> CY083776 * | <input type="checkbox"/> CY083779 * | <input type="checkbox"/> CY083778 * | <input type="checkbox"/> CY083777 * |
| <input type="checkbox"/> | View A/Aalborg/INS283/2009 | <input type="checkbox"/> CY073732 * | <input type="checkbox"/> CY073731 * | <input type="checkbox"/> CY073730 * | <input type="checkbox"/> CY073725 * | <input type="checkbox"/> CY073728 * | <input type="checkbox"/> CY073727 * | <input type="checkbox"/> CY073726 * |
| <input type="checkbox"/> | View A/Aarhus/INS116/2009 | <input type="checkbox"/> CY062698 * | <input type="checkbox"/> CY062697 * | <input type="checkbox"/> CY062696 * | <input type="checkbox"/> CY062691 * | <input type="checkbox"/> CY062694 * | <input type="checkbox"/> CY062693 * | <input type="checkbox"/> CY062692 * |

Keyword: Dengue

Results: Counts are comparable, with difference attributable to different data ingestion cycles

BV-BRC: 40,609 genomes

| | | |
|---------------------|-------------------------|--------------------------|
| Taxa: 22 | Domains and Motifs: 0 | Surveillance: 0 |
| Genomes: 40609 | Epitopes: 9991 | Serology: 0 |
| Strains: 0 | Protein Structures: 210 | Experiments: 0 |
| Proteins: 408549 | Pathways: 0 | Antibiotics: 0 |
| Specialty Genes: 43 | Subsystems: 0 | Genomic Sequences: 39574 |

IRD/ViPR: 39,279 genomes

Genome Search Result

ViPR has clinical data linked to genomic sequences for ~2300 Dengue virus isolates, including patient demographics, measures of disease severity, immune response, etc. Click [here](#) to download the entire dataset.

Your Selected Items: 0 items selected

[Add to Working Set](#) [Save Search](#) [Run Analysis ▼](#) [Download](#)

Your search returned **39,279** genomes. [Search Criteria](#) Displaying **50** records per page, sorted by **Virus Type, Strain Name, GenBank Accession** in ascending order. [Display Settings](#)

Select all 39,279 genomes 1 2 3 4 5 6 7 Next > Page: 1 of 786

| <input type="checkbox"/> | View | Strain Name | Virus Type | Subtype/Genotype (ViPR) (SOP) | GenBank Accession | Sequence Length | Pango Genome Lineage | Collection Date | Host | GenBank Host | Country | Mol Type |
|-------------------------------------|----------------------|------------------|---|-------------------------------|-------------------|-----------------|----------------------|-----------------|---------|--------------|---------|-------------|
| <input checked="" type="checkbox"/> | View | UNKNOWN-AY243469 | Chimeric Dengue virus vector p4(Delta30)-D2-CME | -N/A- | AY243469 | 15237 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic DNA |
| <input type="checkbox"/> | View | UNKNOWN-AY243467 | Chimeric Dengue virus vector p4(Delta30)-D2-ME | -N/A- | AY243467 | 15239 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic DNA |
| <input type="checkbox"/> | View | UNKNOWN-AY656168 | Chimeric dengue virus vector p4(delta30)-D3L-ME | -N/A- | AY656168 | 15256 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | other DNA |
| <input type="checkbox"/> | View | UNKNOWN-AY243468 | Chimeric | -N/A- | AY243468 | 15268 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic |

Keyword: Ebolavirus

Results: Counts are comparable, with difference attributable to different data ingestion cycles

BV-BRC: 3,969 genomes
ebolavirus

| | | |
|---------------------|------------------------|-------------------------|
| Taxa: 10 | Domains and Motifs: 0 | Surveillance: 0 |
| Genomes: 3969 | Epitopes: 2506 | Serology: 0 |
| Strains: 0 | Protein Structures: 86 | Experiments: 0 |
| Proteins: 180300 | Pathways: 0 | Antibiotics: 0 |
| Specialty Genes: 11 | Subsystems: 0 | Genomic Sequences: 3678 |

IRD/iPR: 3,772 genomes

Genome Search Result

Your Selected Items: 0 items selected

[Add to Working Set](#) [Save Search](#) [Run Analysis ▼](#) [Download](#)

Your search returned **3,772** genomes. [Search Criteria](#) Displaying **50** records per page, sorted by **Virus Species, Strain Name, GenBank Accession** in ascending order. [Display Settings](#)

Select all 3,772 genomes 1 2 3 4 5 6 7 Next > Page: 1 of 76

More columns were returned than can be displayed without scrolling. Use scroll bars at top and bottom of display to move right and left or reduce the number of columns displayed by using the Display Settings link above.

| | Strain Name | Virus Species | GenBank Accession | Sequence Length | Pango Genome Lineage | Collection Date | Host |
|--|---|--------------------|-------------------|-----------------|----------------------|-----------------|------|
| <input checked="" type="checkbox"/> View | B241 | Bombali ebolavirus | MK340750 | 19025 | -N/A- | 05/17/2018 | Bat |
| <input type="checkbox"/> View | Bombali ebolavirus/Mops condylurus/SLE/2016/PREDICT_SLAB000156 | Bombali ebolavirus | NC_039345 * | 19043 | -N/A- | 05/25/2016 | Bat |
| <input type="checkbox"/> View | Bombali virus/C.pumilus-wt/SLE/2016/Northern Province-PREDICT_SLAB000047 | Bombali ebolavirus | MF319186 | 19043 | -N/A- | 05/21/2016 | Bat |
| <input type="checkbox"/> View | Bombali virus/M.condylurus-frag/GIN/2018/Yalenzou-1 | Bombali ebolavirus | MK543447 | 483 | -N/A- | 04/05/2018 | Bat |
| <input type="checkbox"/> View | Bombali virus/M.condylurus-wt/SLE/2016/Northern Province-PREDICT_SLAB000156 | Bombali ebolavirus | MF319185 | 19043 | -N/A- | 05/25/2016 | Bat |
| <input type="checkbox"/> View | PREDICT_GNAB2597 | Bombali ebolavirus | MT929353 | 587 | -N/A- | 06/05/2018 | Bat |
| <input type="checkbox"/> View | PREDICT_SLAB0000169A | Bombali ebolavirus | MT929355 | 587 | -N/A- | 05/28/2016 | Bat |
| <input type="checkbox"/> View | PREDICT_SLAB000048 | Bombali ebolavirus | MT929354 | 587 | -N/A- | 05/21/2016 | Bat |
| <input type="checkbox"/> View | PREDICT_SLAB7576 | Bombali ebolavirus | MT929359 | 587 | -N/A- | 07/13/2018 | Bat |
| <input type="checkbox"/> View | X030 | Bombali ebolavirus | MW056492 | 19025 | -N/A- | 05/2019 | Bat |

Keyword: Enterovirus

Results: Counts are comparable, with difference attributable to different data ingestion cycles

BV-BRC: 111,454 genomes

enterovirus

| | | |
|--------------------|-------------------------|--------------------------|
| Taxa: 330 | Domains and Motifs: 0 | Surveillance: 0 |
| Genomes: 111454 | Epitopes: 1868 | Serology: 0 |
| Strains: 0 | Protein Structures: 148 | Experiments: 0 |
| Proteins: 125487 | Pathways: 0 | Antibiotics: 0 |
| Specialty Genes: 1 | Subsystems: 0 | Genomic Sequences: 30527 |

IRD/iPR: 110,559 genomes

[ViPR Home](#) > [Enterovirus Home](#) > [Genome Search](#) > Results

Genome Search Result

Your Selected Items: 0 items selected

Add to Working Set

Save Search

Run Analysis ▾

Download

Your search returned **110,559** genomes.

[Search Criteria](#)

Displaying 50 records per page, sorted by **Virus Type, Strain Name, GenBank Accession** in ascending order.

[Display Settings](#)

Select all 110,559 genomes

1 2 3 4 5 6 7 Next >

Page: 1 of 2212

| <input type="checkbox"/> | View | Strain Name | Virus Type | GenBank Accession | Sequence Length | Pango Genome Lineage | Collection Date | Host | GenBank Host | Country | Mol Type |
|-------------------------------------|----------------------|------------------|--------------------------|-------------------|-----------------|----------------------|-----------------|---------|--------------|---------|-------------|
| <input checked="" type="checkbox"/> | View | UNKNOWN-AF201894 | A-2 plaque virus | AF201894 | 7374 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic RNA |
| <input type="checkbox"/> | View | 98106375 | Antwerp rhinovirus 98/99 | DQ316262 | 341 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic RNA |
| <input type="checkbox"/> | View | 98108080 | Antwerp rhinovirus 98/99 | DQ316315 | 364 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic RNA |
| <input type="checkbox"/> | View | 98108235 | Antwerp rhinovirus 98/99 | DQ316263 | 356 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic RNA |
| <input type="checkbox"/> | View | 98108239 | Antwerp | DQ316289 | 343 | -N/A- | -N/A- | Unknown | -N/A- | -N/A- | genomic |

Keyword: Lassa

Results: Counts are comparable, with difference attributable to different data ingestion cycles

BV-BRC: 2,384 genomes

lassa

| | | |
|--------------------|------------------------|-------------------------|
| Taxa: 3 | Domains and Motifs: 0 | Surveillance: 0 |
| Genomes: 2384 | Epitopes: 1310 | Serology: 0 |
| Strains: 1138 | Protein Structures: 45 | Experiments: 0 |
| Proteins: 12470 | Pathways: 0 | Antibiotics: 0 |
| Specialty Genes: 0 | Subsystems: 0 | Genomic Sequences: 2378 |

IRD/iPR: 2,285 genomes

Genome Search Result

Your Selected Items: 0 items selected

[Add to Working Set](#) [Save Search](#) [Run Analysis ▼](#) [Download](#)

Your search returned **2,285** genomes. [Search Criteria](#) Displaying **50** records per page, sorted by **Virus Species, Strain Name, GenBank Accession** in ascending order. [Display Settings](#)

Select all 2,285 genomes 1 2 3 4 5 6 7 Next > Page: 1 of 46

| <input type="checkbox"/> | View | Strain Name | Virus Species | GenBank Accession | Sequence Length | Pango Genome Lineage | Collection Date | Host | GenBank Host | Country | Mol Type | Segment | Protein Name |
|-------------------------------------|----------------------|-------------|----------------------|-------------------|-----------------|----------------------|-----------------|-------|---------------------|---------|------------|---------|---------------|
| <input checked="" type="checkbox"/> | View | 1007 | Lassa mammarenavirus | KP339095 | 756 | -N/A- | 05/29/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1008 | Lassa mammarenavirus | KP339096 | 756 | -N/A- | 05/29/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1010 | Lassa mammarenavirus | KP339097 | 756 | -N/A- | 05/29/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1011 | Lassa mammarenavirus | KP339098 | 756 | -N/A- | 05/29/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1033 | Lassa mammarenavirus | KP339099 | 756 | -N/A- | 05/30/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1034 | Lassa mammarenavirus | KP339100 | 756 | -N/A- | 05/30/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1066 | Lassa mammarenavirus | KP339101 | 756 | -N/A- | 05/30/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1074 | Lassa mammarenavirus | KP339102 | 756 | -N/A- | 05/31/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |
| <input type="checkbox"/> | View | 1198 | Lassa mammarenavirus | KP339103 | 756 | -N/A- | 10/04/2004 | Mouse | Mastomys natalensis | Guinea | viral cRNA | S | nucleoprotein |

Keyword: Zika

Results: Counts are comparable, with difference attributable to different data ingestion cycles

BV-BRC: 2,222 genomes

zika

| | | |
|--------------------|-------------------------|-------------------------|
| Taxa: 2 | Domains and Motifs: 0 | Surveillance: 0 |
| Genomes: 2222 | Epitopes: 2895 | Serology: 0 |
| Strains: 0 | Protein Structures: 150 | Experiments: 0 |
| Proteins: 37880 | Pathways: 0 | Antibiotics: 0 |
| Specialty Genes: 0 | Subsystems: 0 | Genomic Sequences: 2225 |

IRD/iPR: 2,214 genomes

Genome Search Result

Your Selected Items: 0 items selected

Add to Working Set

Save Search

Run Analysis ▼

Download

Your search returned 2,214 genomes.

Search Criteria

Displaying 50 records per page, sorted by Virus Type, Strain Name, GenBank Accession in ascending order.

Display Settings

Select all 2,214 genomes

1 2 3 4 5 6 7 Next > Page: 1 of 45

| | Strain Name | Virus Type | Subtype/Genotype (VIPR) (SOP) | GenBank Accession | Sequence Length | Pango Genome Lineage | Collection Date | Host | GenBank Host | Country | Mol Type |
|-------------------------------------|-----------------------------------|------------|-------------------------------|-------------------|-----------------|----------------------|-----------------|-------|--------------|----------|-------------|
| <input checked="" type="checkbox"/> | View 001ZV_PEBR15 | Zika virus | Asian | KU232288 | 665 | -N/A- | 05/25/2015 | Human | Homo sapiens | Brazil | genomic RNA |
| <input type="checkbox"/> | View 004 | Zika virus | -N/A- | MW915415 | 2777 | -N/A- | 2016 | Human | Homo sapiens | Viet Nam | genomic RNA |
| <input type="checkbox"/> | View 01-0289 | Zika virus | -N/A- | MZ318416 | 301 | -N/A- | 08/11/2008 | Human | Homo sapiens | Thailand | genomic RNA |
| <input type="checkbox"/> | View 01-0290 | Zika virus | -N/A- | MZ318406 | 301 | -N/A- | 01/19/2009 | Human | Homo sapiens | Thailand | genomic RNA |
| <input type="checkbox"/> | View 01-0291 | Zika virus | -N/A- | MZ318410 | 301 | -N/A- | 07/09/2009 | Human | Homo sapiens | Thailand | genomic RNA |
| <input type="checkbox"/> | View 01-0318 | Zika virus | -N/A- | MZ318414 | 301 | -N/A- | 07/03/2008 | Human | Homo sapiens | Thailand | genomic RNA |
| <input type="checkbox"/> | View 01-0345 | Zika virus | -N/A- | MZ318418 | 301 | -N/A- | 08/29/2008 | Human | Homo sapiens | Thailand | genomic RNA |
| <input type="checkbox"/> | View 01-0347 | Zika virus | -N/A- | MZ318409 | 301 | -N/A- | 03/13/2009 | Human | Homo sapiens | Thailand | genomic RNA |
| <input type="checkbox"/> | View 01-0428 | Zika virus | -N/A- | MZ318415 | 301 | -N/A- | 07/16/2008 | Human | Homo sapiens | Thailand | genomic RNA |

