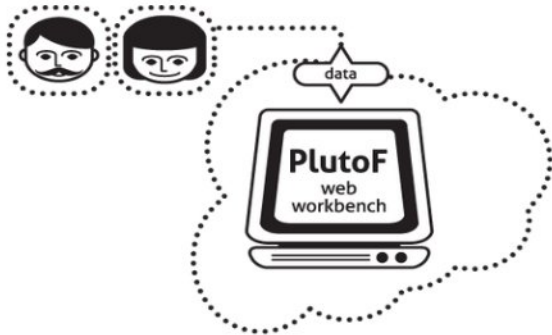


PlutoF main page



Log in to access the database as a user

Create, manage, share, analyse and publish biology-related databases and projects

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News

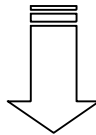
PlutoF and Pensoft started to develop new publishing systems, In November 9-12, PlutoF team visited academic publishing company Pensoft in Bulgaria. The aim was to develop prototype connecting the two systems - Pensoft's ARPHA writing tool and PlutoF Biodiversity Platform. This is multi-phase development project.

Estonian bird observations are published in global biodiversity portal GBIF Regular bird observations and observations made with mobile application "Minu loodusheli" are now available through GBIF portal. Original source of data is PlutoF - information system for biodiversity developed by the Natural History Museum (University of Tartu).

[See more](#)

Workbench modules

- Projects
- Collections
- Monitoring and Conservation
- Taxonomy
- Ecology



- Specimens
- Observations
- Sequences
- Living Specimens
- Reference Based
- Material Samples

Click on Living Specimens to search strain metadata (A)

Click on Sequences to search sequence data (B)

Create, manage, share, analyse and publish biology-related databases and projects

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News

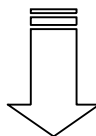
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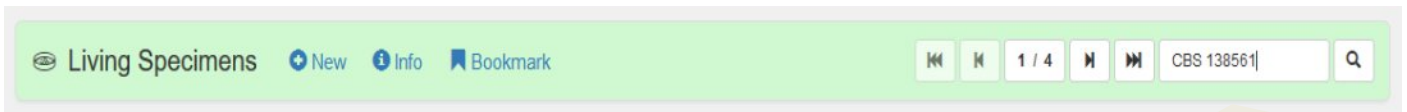
[See more](#)

Workbench modules

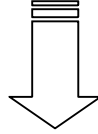
- Projects
- Collections
- Monitoring and Conservation
- Taxonomy
- Ecology



Searching for strain metadata (A)



Enter strain code and click on search



Search string: CBS 138561 Search over all fields Module: Living Specimens Filters Search

Active filters

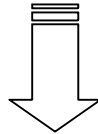
List view Image view Map view

50 Found 1 results for "CBS 138561".

Top taxa	Top countries	Top collectors	Top collections
Gibberella zeae (Schwein.) P... 1	Poland 1	Tomasz Kulik 1	CBS - Centraalbureau voor S... 1

#	Record	Last modified	Name	Rights holder	Taxon node
1		2016-08-26 08:31	CBS 138561	Tomasz Kulik	Gibberella zeae (Schwein.) Petch, 1936 (as Fusarium graminearum...

Click on strain code to access metadata



Accessing metadata

Most recent taxonomic affiliations

Taxon name
Fusarium graminearum
(current)

Taxon name (add.)
sensu stricto

Isolation date
2010-08-31

Isolated from

Isolation source

Isolated in

Isolation remarks
Isolated from wheat kernel.

Culture collections maintaining the strain with all available strain codes

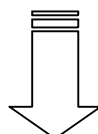
Code
CBS 138561

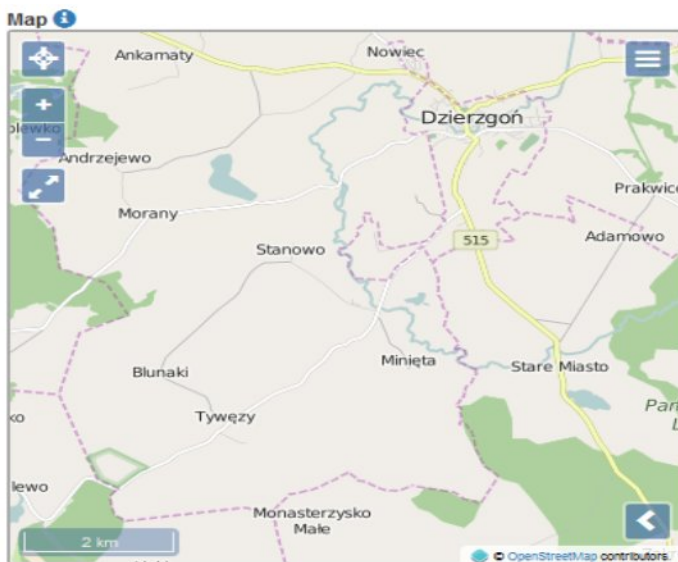
Remarks
Deposited by T. Kulik

Additional Identifiers
1001t (Department of Botany and Nature Protection, UWM in Olsztyn, Poland)

Deposited in
CBS - Centraalbureau voor Schimmelcultures

Form name
Living culture: default





📍 Sampling Area

Name
Dzierzgoń, Tywęży

Country

Poland

Latitude

Longitude

State

District

Commune/City

Dzierzgoń

Locality text

Tywęży

Accuracy (m)

Method

Elevation (min) (m)

Elevation (max) (m)

Depth (min) (m)

Depth (max) (m)

🕒 Sampling Event

Timespan begin

Timespan end

Event description

Geographic origin

Chemotype determination

Chemotype
15ADON

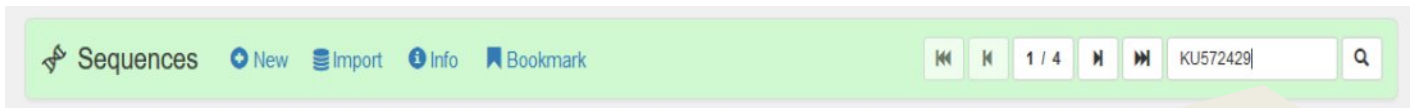
Genotype determination

Tri12 genotype
15ADON

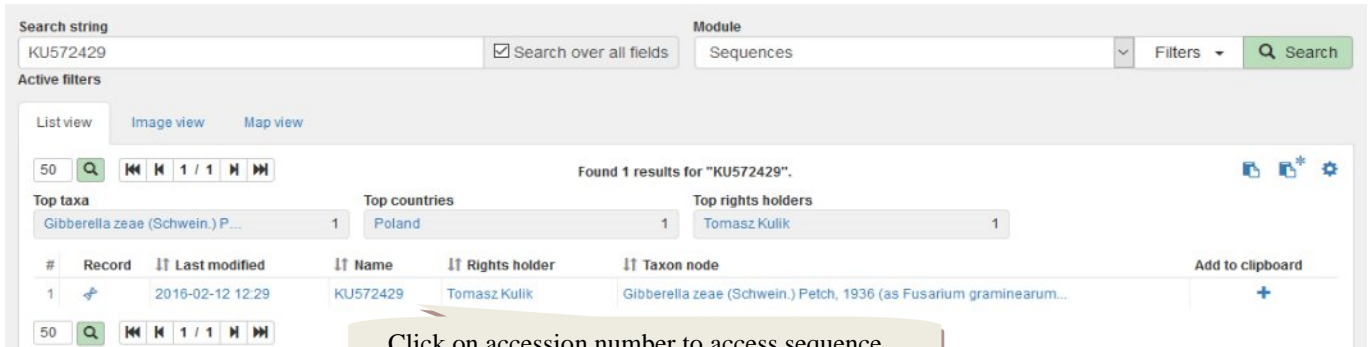
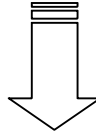
Mycotoxin production

Substrate/medium remarks
The strain produced DON
(2.16 ± 0.94 mg/kg), 3ADON
(1.6 ± 0.3 mg/kg), 15ADON
(1.42 ± 0.48 mg/kg), NIV ($0.12 \pm$
 0.02 mg/kg) and 4ANIV ($0.96 \pm$
 0.01 mg/kg) on YES medium

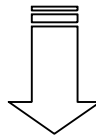
Searching for sequence data (B)



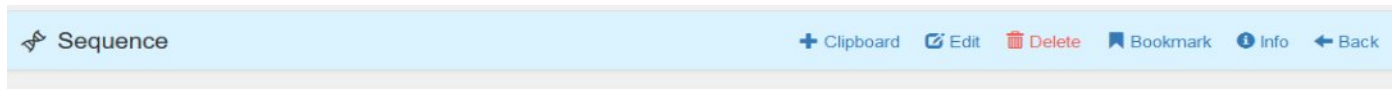
Enter accession number and click on search



Click on accession number to access sequence



Accessing sequence data



General Data

Sequence ID KU572429	Sampling Event Dzierżoń, Tywęzy
Linked to CBS 138561 (Living Specimen)	Sequenced regions: Tri12

Sequence
ATGACTGCTACAGTTCACGAAAAAGGTGTCGACCTTGAATCTCAGCCAGACGACAGGTTGCGAGCCCAAGCCCTCGCCACTACAGCCGATGAGCTTCCAGAAGGATATTACACCTCGCCTCGTGATAGCTTCTTCCG
CAGGGTTCTCTCAATGTCTGCACTACCTACTTTGTTCTTCAAGCATCAGCCTCTGCTCTTCCCAACATTCTCCAGGACATTGGCCAGAGCGATAACCAAGTCTCTTCTCGACTCATGGAGATGGGTCAAGCTGTCA
GCATCCTGGTGATGGGTCTGTTACGGATAGATTTGGGCGACGACCATTTGTCATAGCTACTCATATCCTTGGCCCTTGTGGTGCTATCGTTGGATGCACAGCTAACAAAGTTCAATAOCCCTCTGGOTGCCATGACAATGCT
CGGGTTGCTGCTGGTCCAGCAGGTCTAGCCCTCATTCATTGGCGAACTGATGAGTAACAACAAGTTCTTGGTCTCCTCGCTGTAAGTGTCCCCAGCAITGTCATGACTGCTGGCCCCACTTGGGTGAGCG
TCTCAGCATAAAAGCAGTTGGCGTTGGATCTTTACATCTATATCATCATGAGTAGTAAGTTGCCCTTCTTGTATCGAATGCATGGTAATGATGTTGACATGTATACAGCGGTGCAACTTCACCTATCGTTGTTGGTACCA
CCCTCCGTCATTTACGCAACTTCATGGCAAAAAGGCTCGCAAGAGGGATGAACGGCAAGCTCGACTGGATAGGTTCTTCCCTTGTACCCGCGGAGTATCCCTCTTTCTCCTTGGTGCTCCTGGGGAGGCAAGCC
GAACAGCGCTTGAACCTCTGTAAGATATCGGACTAATGACATCTGGCCCTTGGCTCTCTACTTGTGTTCCGCTTGTACGAGGCTTTGGCAAGCCGAGCGACCTATGGTCCCGCCTGGCCTCTTAAAGGACACCCGC
GGCTTTGTGCTGATCCTCTAATCAGCTCCATAATGGGCGGATGAATCTTGTCTCACAATCATTACCCTCAGCAAGTCTAATATCTTCCGATCCAGTTTGA AAAACTGGGAAGAGACTGCATGGATGACAGCGACTGC
CGCATTCGGTACATGGGCTGGTATATGGTTCTGGGAACTTGTCCATCTCATCAGGCATATCCGCTGGCAATACTTCCGGGGCTATATGGCTCACGGCTTTCCTAGGAGCTATGTCATCTATCAATCGAGATAACAAGA
ACGCAAGCCATCGCTTTGTCATCTTTGGCCGGCTTGTGTCTCCTGGGCTCAGGACATCACCATGCTCATGGTTCAAGTTTATCACGACAGATGAAGATTTGGGTGAGCTTTCTGTATGATTCCTACTTGTATTGTTGAGAT
GTTTCTAACAAAGTCGTTAGCTGTTGTTGCTGCTTCCCGCCCTTTTTGGCTCCATTTTCAACCGCCGCTTTCATATCCCTCTACAGCAACAGTACCCAAAACAATTGGAAGCCATCTGACTTCAGCCCTGCCGAGGTA
CGGACATCCACAGTCTCTTCCCGAGTCTTCTGAGGCTGCCAAGACGGGGCGGATAGATGCTGTCAAGGCTCTCCCTGGGATGACGAACAGCACTGCTACGGTGGTCAGCCGAGCTATGGCGGATGTTACACAG
CTTCATATGCTAATGTCTACTACTTCGCTATGGCACTGGGAGTCATTCCAATCATTGCCAGCCTCTATATGAGGGACTTGGACCAATACCTCACAGACCATGTTCCGCATCAGCTTTATGATAGAAAATAAGCGGATAAGGACGT
ACTTGAGGGAGATTCCGATTCGACGTCATCTCCAACATACTTCAATTGTTGACGATAAGACGCAA

Remarks
15ADON genotype
isolation source

EcM lineage

Information on genotype