



Cycle 3 duplication checking

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duplication checking

- ◆ In Cycle 3 duplication checking is done
 - through the Archive for sources that have already been observed
 - For Cycle 2 grade A proposal sources
almascience.eso.org/proposing/call-for-proposals/duplications

- ◆ The Archive contains all data (that have passed QA0) **including**
 - data that are **proprietary**
 - data that have **not yet been delivered** to the PI at all and
 - **calibration observations**



almascience.eso.org/aq

ALMA Science Archive Query

Query Form

Results Table

Search

Reset

[Query Help](#)

Position

Source name (Resolver)
Source name (ALMA)
RA Dec

Energy

Frequency
Bandwidth
Spectral resolution
Band

Time

Observation date
Integration time

Polarisation

Polarisation type

Observation

Water vapour

Project

Project code
Project title
PI name

Options

View: raw data project
 public data only
 science observations only

ALMA Science Archive Query

Query Form

Results Table

Submit download request

proprietary

Results Bookmark Export Table Results Help

Showing 1019 rows (1019 before filtering).

[More columns](#)

<input type="checkbox"/>	Project code	Source name	Scan intent	RA	Dec	Band	Integration	Release date	Velocity resolution	Frequency support
<input type="checkbox"/>	2012.1.00225.S	Centaurus_a	TARGET WWR	13:25:27.04	-43:01:08.8	9	14.33	2015-10-09	419.44	689.29..708.53GHz
<input type="checkbox"/>	2012.1.00225.S	Centaurus_a	PHASE WWR	13:25:27.62	-43:01:08.8	9	31.413	2015-10-09	419.44	689.29..708.53GHz
<input type="checkbox"/>	2012.1.00225.S	J1325-4301	PHASE WWR	13:25:27.62	-43:01:08.8	9	31.615	2015-10-09	419.44	689.29..708.53GHz
<input type="checkbox"/>	2011.0.00010.S	CenA	TARGET	13:25:27.62	-43:01:08.8	3	517.587	2015-02-12	395.80	85.96..99.36GHz
<input type="checkbox"/>	2011.0.00010.S	CenA	TARGET	13:25:27.62	-43:01:08.8	3	517.714	2015-02-12	395.80	85.96..99.36GHz
<input type="checkbox"/>	2011.0.00010.S	CenA	TARGET	13:25:27.62	-43:01:08.8	3	516.403	2015-02-12	415.31	87.05..89.14GHz
<input type="checkbox"/>	2011.0.00010.S	CenA	TARGET	13:25:27.62	-43:01:08.8	3	516.546	2015-02-12	415.31	87.05..89.14GHz
<input type="checkbox"/>	2012.1.00225.S	Centaurus_a	TARGET WWR	13:25:27.60	-43:01:08.4	3	56.347	2015-08-19	1638.67	88.86..90.96GHz
<input type="checkbox"/>	2011.0.00010.S	CenA	TARGET	13:25:27.62	-43:01:08.8	3	516.519	2015-02-12	400.79	90.38..93.12GHz
<input type="checkbox"/>	2011.0.00010.S	CenA	TARGET	13:25:27.62	-43:01:08.8	3	516.723	2015-02-12	400.79	90.38..93.12GHz
<input type="checkbox"/>	2013.1.00803.S	Centaurus_A	TARGET WWR	13:25:34.02	-43:01:22.3	3	28.619	In Progress	1331.38	98.52..113.38GHz
<input type="checkbox"/>	2013.1.00803.S	Centaurus_A	TARGET WWR	13:25:31.89	-43:01:08.8	3	28.619	In Progress	1331.38	98.52..113.38GHz
<input type="checkbox"/>	2013.1.00803.S	Centaurus_A	TARGET WWR	13:25:29.75	-43:00:55.3	3	28.619	In Progress	1331.38	98.52..113.38GHz
<input type="checkbox"/>	2013.1.00803.S	Centaurus_A	TARGET WWR	13:25:27.62	-43:00:41.8	3	28.619	In Progress	1331.38	98.52..113.38GHz
<input type="checkbox"/>	2013.1.00803.S	Centaurus_A	TARGET WWR	13:25:25.48	-43:00:28.2	3	28.619	In Progress	1331.38	98.52..113.38GHz

public

in QA2 and not yet delivered

almascience.eso.org/aa

export to e.g. TOPCAT

ALMA Science Archive Query

Query Form Results Table

Submit download request

Results Bookmark Export Table Results Help

Showing 1019 rows (1019 before filtering). [More columns](#)

<input type="checkbox"/>	Project code	Source name	Scan intent	RA	Dec	Band	Integration	Release date	Velocity resolution	Frequency support
Filter:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="m/s"/>	<input type="text"/>
<input checked="" type="checkbox"/>	2012.1.00225.S	Centaurus_a	TARGET WVR	13:25:27.04	-43:01:08.8	9	14.33	2015-10-09	419.44	689.29..708.53GHz
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	2013.1.00803.S	Centaurus_A	TARGET WVR	13:25:25.48	-43:00:28.2	3	28.619	In Progress	1331.38	98.52..113.38GHz

display more/less columns

astroquery

- ◆ Querying the archive for **lists of targets** at once is still in development. This (and much more as will be shown tomorrow) can be done using **astroquery** written by Adam Ginsburg

astroquery.readthedocs.org/en/latest/

publications

- ◆ Titles, abstracts, keywords, authors etc. of refereed publications using ALMA data can be searched for at **telbib.eso.org**

The screenshot shows the ESO Telescope Bibliography search interface. The main search area is titled 'TEL BIB SEARCH' and includes several input fields and filters:

- REFINE SEARCH** sidebar:
 - Year**: 2015 (256), 2014 (934), 2013 (884), 2012 (887), 2011 (802)
 - Journal**: A&A (5925), ApJ (2310), MNRAS (1955), AJ (493), A&AS (242)
 - Instrument**: UVES (1551), FORS2 (1183), FORS1 (966), ISAAC (927), SOFI (724)
- TEL BIB SEARCH** form:
 - All fields**: All fields
 - Author**: Author, 1st auth. +
 - Title / Abstract / Keywords**: Title / Abstract / Keywords
 - Journal**: Any
 - Publication year**: From [] To 2015
 - BibCode**: BibCode
 - ProgramID**: ProgramID
 - Instrument**: Any +
 - Telescope**: ALMA +
 - Site/Archive**: Any
 - Only papers based on ESO time
 - SEARCH** and **RESET** buttons
- Right sidebar**:
 - The Telescope Bibliography (telbib)** is maintained by the ESO library. It contains refereed publications that directly use ESO data.
 - News**: telbib can now also be queried via API. For more information, see <http://telbib.eso.org/api-docu.php>.
 - Explore telbib metrics:**
 - Click the **VISUALIZE** button on the results page to view **animated charts** of your search results
 - Access the **telbib Statistics** area to find **interactive graphs** of selected statistics
 - Find publication and citation info in the **Basic ESO Statistics document**
 - Use the **overview** of annual publication statistics to access all telbib papers that pertain to a given year
 - Further info:** Contact the ESO librarians at library@eso.org

Where to get more help?

- ◆ almascience.org/alma-data/archive

- ◆ On the interface itself
 - Tooltips
 - “Query Help” and “Results Help”

- ◆ The Helpdesk: help.almascience.org

Any feedback, comments, wishes are welcome!