PubMed LinkOut for Pure Users

Instructions for Pure users on how to find data to join PubMed LinkOut

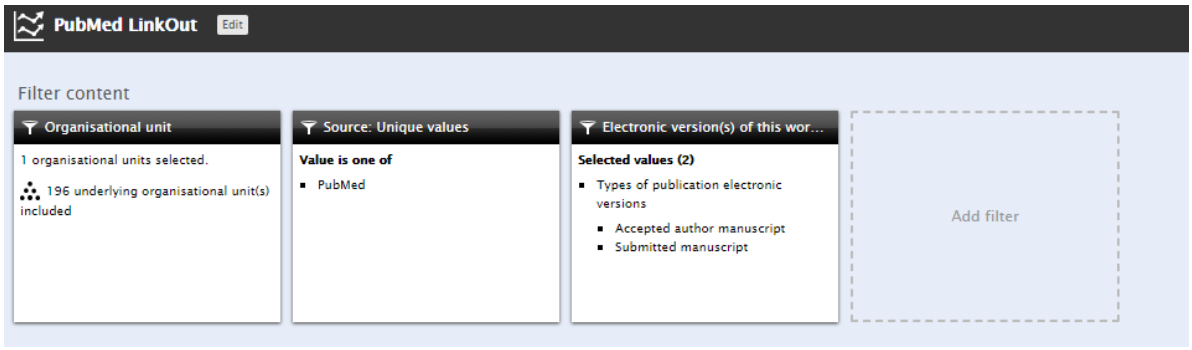
https://www.ncbi.nlm.nih.gov/projects/linkout/doc/IR-application.shtml

AIM: Find URLs to full-text items in your IR that have a PMID, but not a PMCID.

Step 1: find Pure records that have a PMID, and also have open access full-text.

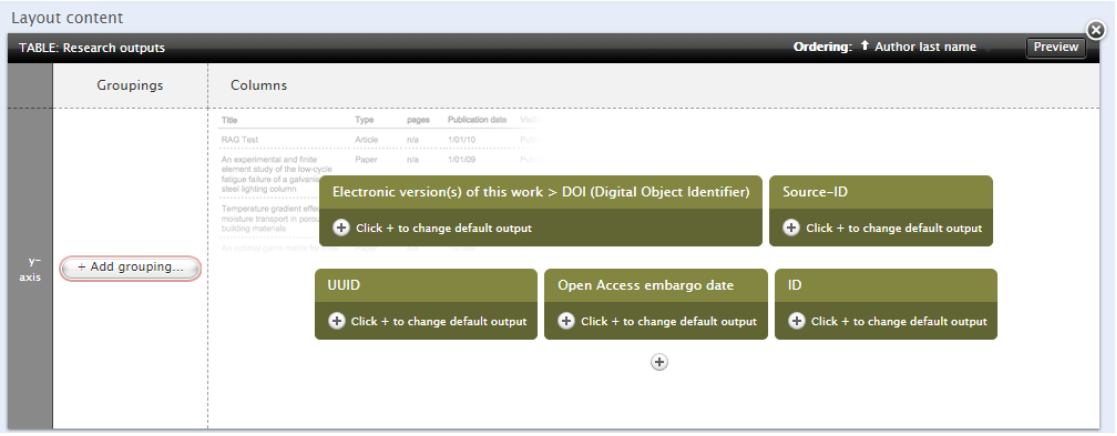
Note: Pure only holds PMIDs for records that have been imported from PubMed. PMC IDs are not stored like other identifiers like ISBNs or DOIs. Set up a new report with the following filters:

- Organisation Unit - include all underlying subunits
- Source: select value is PubMed
- Electronic version(s) of this work: Accepted author manuscript/Submitted manuscript



Recommended values for data table:

- Electronic versions(s) of this work > DOI
- System info > Source-ID
- System info > UUID
- System info > ID
- Add access version of this item > Open Access embargo date

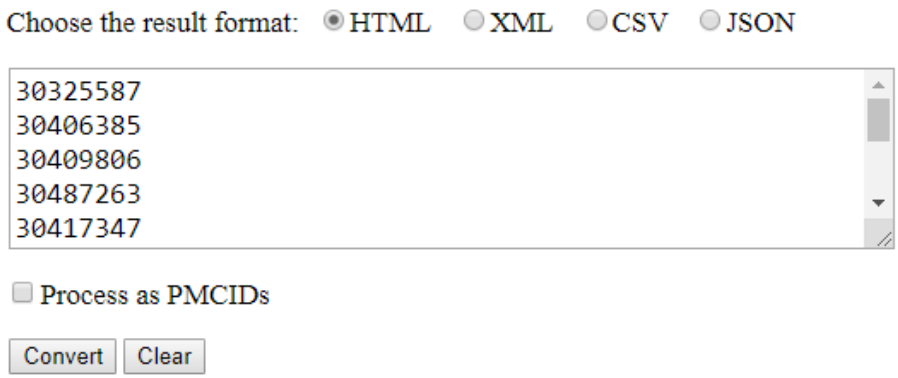


This report will pull all records from Pure that have been imported from PubMed, and will show the Pure ID/DOI/PMID/UUID and OA embargo date. The UUID will be used to generate a stable URL to the item page in the portal. Export the report as an Excel spreadsheet.

Step 2: Find out which Pure records with PMIDs also have PMCIDs

If a paper has a PMC ID then it will have an open access version in PubMed Central and the LinkOut won't be interested in including that record. You can use the online PMCID - PMID - Manuscript ID - DOI Converter to find out if the items in the Pure report have PMC IDs:

https://www.ncbi.nlm.nih.gov/pmc/pmctopmid/



Cut/paste PMIDs into the box, select CSV result format and convert 100 records at a time. Any more will likely to produce an error.

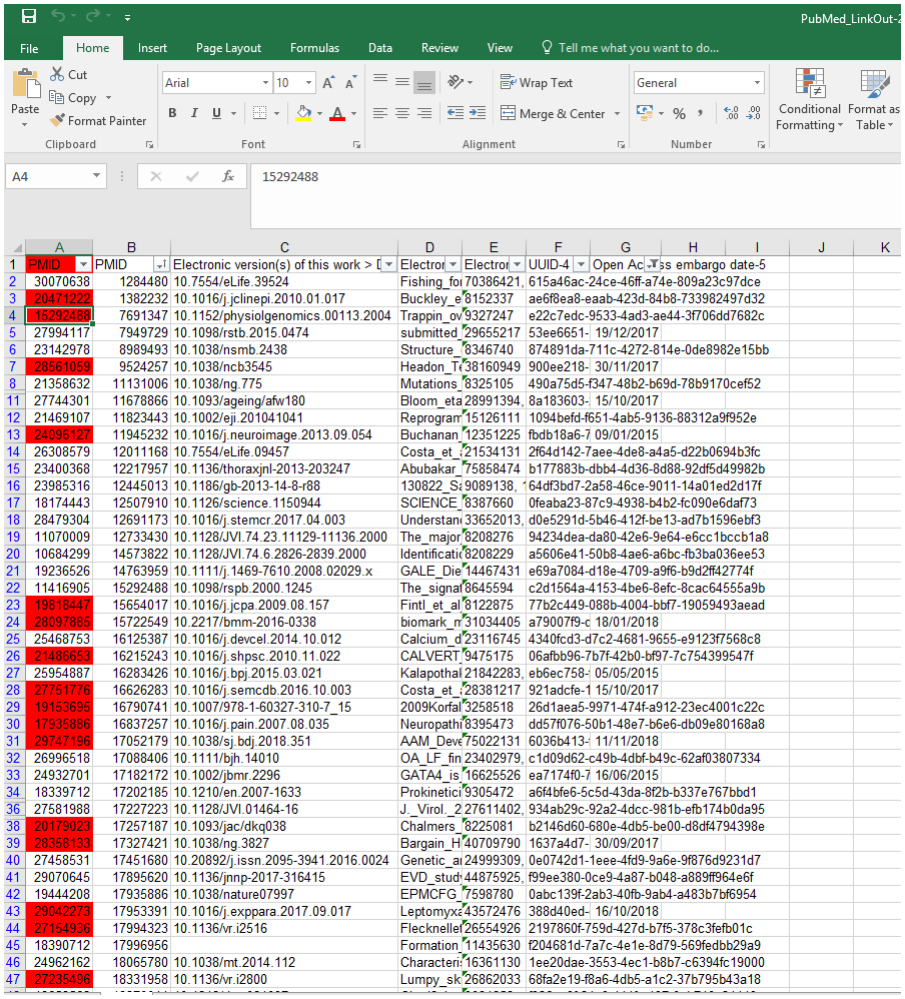
Results

PMID	PMCID	DOI	Manuscript IDs	Release date	Error message
30325587	PMC6230304	10.1002/ajmg.b.32652	NIHMS970875	2019-10-16	-
30487263	PMC6341299	10.2337/db18-0567		2020-02-01	-
30406385					Identifier not found in PMC
30643258					Identifier not found in PMC
30417347					Identifier not found in PMC
30698716					Identifier not found in PMC
30773277					Identifier not found in PMC
30597673					Identifier not found in PMC
30409806					Identifier not found in PMC
30575114					Identifier not found in PMC

Ignoring the results with PMCIDs, cut/paste the remaining PMIDs (Identifier not found in PMC) into a new column in the Pure report spreadsheet.

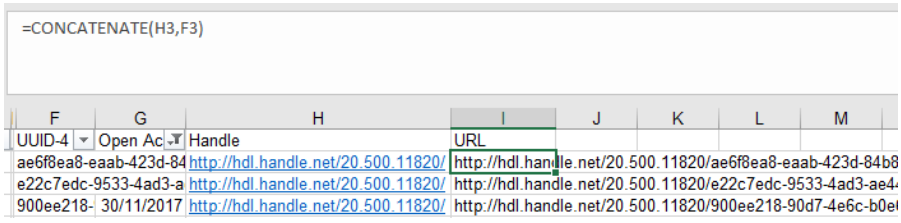
Step 3: Identify the Pure records which can be included in PubMed LinkOut.

So far we have a list of records in Pure that have a PMID (which may or may not have PMCIDs), and a list of PMIDs that have been checked to make sure they don't have PMC IDs. What we need to do now is merge the data. There are a number of different ways to do this in Excel, but I chose to use the conditional formatting function to highlight duplicate PMIDs in Pure that are on the 'not in PMC list' we created. Filtering by colour will then give you a list of records which can be included in the PubMed LinkOut programme. I chose to remove the items which are currently under an embargo which can be identified from the Open Access embargo date, and removed using a filter.



	A	B	C	D	E	F	G	H	I	J	K
1	PMID	PMID	Electronic version(s) of this work > [	Electror	Electror	UUID-4	Open Ac	ss embargo date-5			
2	30070638	1284480	10.7554/eLife.39524	Fishing_fo	70386421,	615a46ac-24ce-46ff-a74e-809a23c97dce					
3	20471222	1382232	10.1016/j.jclinepi.2010.01.017	Buckley_e	8152337	ae6f8ea8-eaab-423d-84b8-733982497d32					
4	15292488	7691347	10.1152/physiolgenomics.00113.2004	Trappin_ov	9327247	e22c7edc-9533-4ad3-ae44-3f706dd7682c					
5	27994117	7949729	10.1098/rstb.2015.0474	submitted	29655217	53ee6651-	19/12/2017				
6	23142978	8989493	10.1038/nsmb.2438	Structure_	8346740	874891da-711c-4272-814e-0de8982e15bb					
7	28561059	9524257	10.1038/ncb3545	Headon_T	38160949	900ee218-	30/11/2017				
8	21358632	11131006	10.1038/ng.775	Mutations_	8325105	490a75d5-f347-48b2-b69d-78b9170cef52					
11	27744301	11678866	10.1093/ageing/afw180	Bloom_eta	28991394,	8a183603-	15/10/2017				
12	21469107	11823443	10.1002/eji.201041041	Reprogram	15126111	1094befd-f651-4ab5-9136-88312a9f952e					
13	24096127	11945232	10.1016/j.neuroimage.2013.09.054	Buchanan_	12351225	fbdb18a6-7	09/01/2015				
14	26308579	12011168	10.7554/eLife.09457	Costa_et_	21534131	2f64d142-7aee-4de8-a4a5-d22b0694b3fc					
15	23400368	12217957	10.1136/thoraxjnl-2013-203247	Abubakar_	75858474	b177883b-dbb4-4d36-8d88-92df5d49982b					
16	23985316	12445013	10.1186/gb-2013-14-8-r88	130822_S	9089138,	164df3bd7-2a58-46ce-9011-14a01ed2d17f					
17	18174443	12507910	10.1126/science.1150944	SCIENCE_	8387660	0feaba23-87c9-4938-b4b2-fc090e6daf73					
18	28479304	12691173	10.1016/j.stemcr.2017.04.003	Understan	33652013,	d0e5291d-5b46-412f-be13-ad7b1596ebf3					
19	11070009	12733430	10.1128/JVI.74.23.11129-11136.2000	The_major	8208276	94234dea-da80-42e6-9e64-e6cc1bccb1a8					
20	10684299	14573822	10.1128/JVI.74.6.2826-2839.2000	Identificati	8208229	a5606e41-50b8-4ae6-a6bc-fb3ba036ee53					
21	19236526	14763959	10.1111/j.1469-7610.2008.02029.x	GALE_Die	14467431	e69a7084-d18e-4709-a9f6-b9d2ff42774f					
22	11416905	15292488	10.1098/rspb.2000.1245	The_signal	8645594	c2d1564a-4153-4be6-8efc-8cac64555a9b					
23	19818447	15654017	10.1016/j.jcpa.2009.08.157	FintI_et_al	8122875	77b2c449-088b-4004-bbf7-19059493aead					
24	28097885	15722549	10.2217/bmm-2016-0338	biomark_n	31034405	a79007f9-c	18/01/2018				
25	25468753	16125387	10.1016/j.devcel.2014.10.012	Calcium_d	23116745	4340fcd3-d7c2-4681-9655-e9123f7568c8					
26	21486653	16215243	10.1016/j.shpsc.2010.11.022	CALVERT	9475175	06afbb96-7b7f-42b0-bf97-7c754399547f					
27	25954887	16283426	10.1016/j.bpj.2015.03.021	Kalapothal	21842283,	eb6ec758-	05/05/2015				
28	27751776	16626283	10.1016/j.semcdb.2016.10.003	Costa_et_	28381217	921adcfe-1	15/10/2017				
29	19153695	16790741	10.1007/978-1-60327-310-7_15	2009Korfal	3258518	26d1aea5-9971-474f-a912-23ec4001c22c					
30	17935886	16837257	10.1016/j.pain.2007.08.035	Neuropathi	8395473	dd57f076-50b1-48e7-b6e6-db09e80168a8					
31	29747196	17052179	10.1038/sj.bdj.2018.351	AAM_Dew	75022131	6036b413-	11/11/2018				
32	26996518	17088406	10.1111/bjh.14010	OA_LF_fin	23402979,	c1d09d62-c49b-4dbf-b49c-62af03807334					
33	24932701	17182172	10.1002/jbmr.2296	GATA4_is	16625526	ea7174f0-7	16/06/2015				
34	18339712	17202185	10.1210/en.2007-1633	Prokinetici	9305472	a6f4bfe6-5c5d-43da-8f2b-b337e767bbd1					
36	27581988	17227223	10.1128/JVI.01464-16	J._Virol._2	27611402,	934ab29c-92a2-4dcc-981b-efb174b0da95					
38	20179023	17257187	10.1093/jac/dkq038	Chalmers_	8225081	b2146d60-680e-4db5-be00-d8df4794398e					
39	28358133	17327421	10.1038/ng.3827	Bargain_H	40709790	1637a4d7-	30/09/2017				
40	27458531	17451680	10.20892/j.issn.2095-3941.2016.0024	Genetic_ai	24999309,	0e0742d1-1eee-4fd9-9a6e-9f876d9231d7					
41	29070645	17895620	10.1136/jnnp-2017-316415	EVD_stud	44875925,	f99ee380-0ce9-4a87-b048-a889ff964e6f					
42	19444208	17935886	10.1038/nature07997	EPMCFG_	7598780	0abc139f-2ab3-40fb-9ab4-a483b7bf6954					
43	29042273	17953391	10.1016/j.exppara.2017.09.017	Leptomyxi	43572476	388d40ed-	16/10/2018				
44	27154936	17994323	10.1136/vr.i2516	Flecknell	26554926	2197860f-759d-427d-b7f5-378c3fefb01c					
45	18390712	17996956		Formation_	11435630	f204681d-7a7c-4e1e-8d79-569fedbb29a9					
46	24962162	18065780	10.1038/mt.2014.112	Characteri	16361130	1ee20dae-3553-4ec1-b8b7-c6394fc19000					
47	27235496	18331958	10.1136/vr.i2800	Lumpy_sk	26862033	68fa2e19-f8a6-4db5-a1c2-37b795b43a18					

All that is remaining to do is to tidy up the records and add the stable URL. This can be done by taking the UUID-4 value from the Pure report and concatenating with the handle server ID for Pure, for example:



	F	G	H	I	J	K	L	M
	UUID-4	Open Ac	Handle	URL				
	ae6f8ea8-eaab-423d-84		http://hdl.handle.net/20.500.11820/	http://hdl.handle.net/20.500.11820/ae6f8ea8-eaab-423d-84b8				
	e22c7edc-9533-4ad3-a		http://hdl.handle.net/20.500.11820/	http://hdl.handle.net/20.500.11820/e22c7edc-9533-4ad3-ae4				
	900ee218-	30/11/2017	http://hdl.handle.net/20.500.11820/	http://hdl.handle.net/20.500.11820/900ee218-90d7-4e6c-b0e				

Handle + UUID-4 = URL , e.g:

http://hdl.handle.net/20.500.11820/e22c7edc-9533-4ad3-ae44-3f706dd7682c

Now you have a list of URLs of items in Pure that have PMIDs but not PMCIDs which you can submit to the LinkOut Programme.