Release Notes for BAO version 2.8.1

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About BAO

The BioAssay Ontology (BAO) has been developed to formally describe biological screening assays and their results including high-throughput screening (HTS) data; specifically in the domain of small molecule drug and probe development. BAO enables categorization of assays and results by based on several concepts that are important to interpret and analyze screening data with the goal to infer the mechanism of action of small molecules based on the known aggregate screening results from many assays.

Changes in BAO v 2.8.1

Curated annotations for ADME set of bioassays cardinality restriction for

- has cell line (38) (https://github.com/BioAssayOntology/BAO/issues/68)
    - external CLO module
    - 29 HEK293 cell line (http://purl.obolibrary.org/obo/CLO_0001230)
    - 5 MDCK cell line (http://purl.obolibrary.org/obo/CLO_0007646)

Change control tables for ADME cardinality restrictions (SEED)

Table 1. Curated annotations for 38 bioassays ADME cardinality restriction for cell line

BAO ID	BAO label	BAO property label	BAO ID	restriction	CLO ID
BAO_0010191	BCRP inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010208	BCRP substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010208	BCRP substrate assay	has_cell_line	BAO_0002004	some	CLO_0007646
BAO_0010190	BSEP inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010194	MATE1 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010209	MATE1 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010195	MATE2 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010210	MATE2 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010086	MDCK permeability assay	has_cell_line	BAO_0002004	some	CLO_0007646
BAO_0010085	MDCK-BCRP permeability assay	has_cell_line	BAO_0002004	some	CLO_0007646
BAO_0010192	MRP2 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010197	OAT1 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010212	OAT1 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010198	OAT2 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010213	OAT2 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230

BAO_0010199	OAT3 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010214	OAT3 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010200	OATP1B1 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010215	OATP1B1 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010201	OATP1B3 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010216	OATP1B3 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010219	OATP2B1 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010202	OCT1 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010217	OCT1 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010203	OCT2 inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010218	OCT2 substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010193	P-gp inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010206	P-gp substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010206	P-gp substrate assay	has_cell_line	BAO_0002004	some	CLO_0007646
BAO_0010188	transporter inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010188	transporter inhibition assay	has_cell_line	BAO_0002004	some	CLO_0002462
BAO_0010204	transporter substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010204	transporter substrate assay	has_cell_line	BAO_0002004	some	CLO_0007646
BAO_0010204	transporter substrate assay	has_cell_line	BAO_0002004	some	CLO_0002462
BAO_0010196	uptake transporter inhibition assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010196	uptake transporter inhibition assay	has_cell_line	BAO_0002004	some	CLO_0002462
BAO_0010211	uptake transporter substrate assay	has_cell_line	BAO_0002004	some	CLO_0001230
BAO_0010211	uptake transporter substrate assay	has_cell_line	BAO_0002004	some	CLO_0002462

Public Location:

http://www.bioassayontology.org/bao

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