

## IDG Metadata Specifications for:

### Channel activity data

**Importance** 1: Required, 2: Required if available, 3: Optional

IDG Field Name	Definition	Importance
Gene	Gene that the resource is related to	1
Title	Name/title of the dataset	1
Provider_institution	Institution where work was performed	1
Description	Paragraph description of the dataset	1
PI	Principle investigator of the dataset	1
Authors	Person(s) who performed corresponding experiments	1
Assay_ID	Assay(s) associated with the data (BAO IDs)	2
Data_Format	Data file format(s) - MS, txt, HDF5, etc.	1
Data_Repository	Repository where the data has been released	1
Data_Link	Link to external data repository containing key dataset metadata	1
Endpoint	Data endpoint format (log2 expression, fold change, etc.)	1
Endpoint_detection	Physical entity/method to calculate endpoint - fluorescence intensity, mass spec, etc.	1
Release_Date	Date when the data was publicly released (to the external repository)	2
Dataset_ID	Identifier as registered by a repository (e.g. GEO ID, PubChem AID, Synapse ID, etc.)	1