

# IDG Metadata Specifications for:

## Cell

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

IDG Field Name	Definition	Importance
Name	Canonical name of cell line	1
Type	Cell type - primary, iPS, ES, differentiated, xenograft, etc.	1
Precursor_cell	If iPS or differentiated cells, list identifier of original line from which they were derived	2
Species	Organism from which cells are derived (genus and species)	1
Tissue	Tissue (NCIT canonical name) from which cells were derived	1
CLO_Name	Cell line ontology (CLO) name of cell line utilized	2
Cellosaurus_ID	Cellosaurus identifier of cell line	2
RRID	RRID of cell line	2
Knockout	List of gene(s) knocked out in the line, if any	2
Disease_name	If cell is disease associated, formal, canonical name	2
Vendor	Name of commercial vendor cells were obtained from, if purchased	2
Vendor_cat	Catalog ID of vendor if cells were purchased	2
Mod_type	Type of genetic modification - CRISPR, reporter, RNAi	2
Vector_ID	Applied modifying vector ID (for presto, yeast modifications, etc.)	2
Sequence	Key sequence for CRISPR/RNAi - gRNA, siRNA, etc.	2
Target	UniProt ID of protein being targeted by modification, whether knockout, knockdown, or conversion to reporter status	2
Target_family	Identifier of protein family targeted by modification	2
Reporter_type	Classification of reporter system utilized, if relevant (e.g. luciferase)	2
Mouse_ID	Mouse ID if derived from a mouse line	2