

(a)

**Clinical annotations: Connectivity Map dataset (build01)**

Curation versions colin molter 2012-01-24

**InSilico Clinical Annotations (grid view)**

ids	Cell Line	Perturbagen
GSM118730	MCF7	estradiol
GSM118732	MCF7	alpha-estradiol
GSM118781	MCF7	genistein
GSM118782	MCF7	genistein
GSM118833	MCF7	estradiol

**Clinical annotation (tree view)**

- GSE5258-GPL96
  - Annotations
  - Cell Line (346)
  - Cmap Well (346)
  - Concentration (M) (346)
  - Estrogen Impact (346)
  - Experiment Type (346)

**GSM119061 MCF7 alpha-estradiol**

**GSM119063 HL60 estradiol 6 hours (346)**

**Samples displayed 1 - 100 of 346**

(b)

**INSILICO Merge cherry-picked samples into a new dataset**

**Clinical annotations (grid view)**

ids	Cell Line	Perturbagen	Concentration (M)	Estrogen Impact
GSM118730	MCF7	estradiol	.00000001	agonist
GSM118732	MCF7	alpha-estradiol	.00000001	agonist
GSM118738	MCF7	tamoxifen	.000001	antagonist
GSM118751	MCF7	raloxifene	.00000001	antagonist
GSM118781	MCF7	genistein	.000001	agonist
GSM118782	MCF7	genistein	.000001	agonist
GSM118792	MCF7	fulvestrant	.00000001	antagonist
GSM118833	MCF7	estradiol	.0000001	agonist
GSM118836	MCF7	fulvestrant	.0000001	antagonist
GSM118851	MCF7	tamoxifen	.0000001	antagonist
GSM118854	MCF7	genistein	.000001	agonist
GSM119036	MCF7	genistein	.000001	agonist
GSM119061	MCF7	alpha-estradiol	.00000001	agonist

**Clinical annotation (tree view)**

- NEW SERIES
  - Annotations
  - Cell Line (13)
  - Cmap Well (13)
  - Concentration (M) (13)
  - Estrogen Impact (13)
    - agonist(8)
    - antagonist(5)
  - Experiment Type (13)
  - Perturbagen (13)
  - Treatment Time (hours) (13)
  - Vehicle (13)
  - Vehicle Final (13)

**Samples displayed 1 - 13 of 13**

(c)

**INSILICO Merge cherry-picked samples into a new dataset**

**ISDB Merged Dataset General Information**

Title: CMAP - mfc7 cell line - perturbagen impact on ER

Summary: This dataset is composed of a subset of samples from the CMAP dataset. Samples from the MFC7 cell line with perturbagen having estrogen impact were selected.

**ISDB Merged Dataset Privacy Setting**

Public Private

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