

HOW TO FIND MUTATION DATA IN COMPENDIA CELLLINE

In this OncoPrint data release, valuable mutation data were added to the Compendia cell line panel data set.

STEP 1) To find this data conduct a Profile Search for Compendia.

STEP 2) Within the Analysis NCI-60 CellLine-NRAS Mutation Status, choose the heat map icon to investigate the over expression of genes in mutant vs. wild-type cells.

Filter By: **SELECT ALL** | **SELECT ALL** | Sort By: **Significant Gene %**

Results 1 - 20 of 42 for compendia

- Study:** Compendia_CellLine
Experiment Type: mRNA
Analysis: NCI-60 CellLine - MLH1 Mutation Status
Class 1: Wild Type (50)
Class 2: Mutant (3)
Measured: 22215 **Up:** 930 (4.2%) **Down:** 415 (1.9%) **Diff:** 1304 (5.9%)
- Study:** Compendia_CellLine
Experiment Type: mRNA
Analysis: NCI-60 CellLine - NRAS Mutation Status
Class 1: Wild Type (58)
Class 2: Mutant (3)
Measured: 22215 **Up:** 401 (1.8%) **Down:** 283 (1.3%) **Diff:** 684 (3.1%)

Navigation: Next 20 | Width | Contrast | Map Type: Heat | Sub Class: NCI-60 CellLine - NRAS Mutation Status | Color Normalization: zscore

Study: Compendia_CellLine **Analysis:** NCI-60 CellLine - NRAS Mutation Status **Test:** T-test

Experiment Type: mRNA

Class 1: Wild Type (58)
Class 2: Mutant (3)

Measured: 22215 **Up:** 401 (1.8%) **Down:** 283 (1.3%) **Diff:** 684 (3.1%)

C1	C2	Gene Symbol	Q value	Reporter	Box Plot
S1	S2	BATF	3.2E-14	Details	View
		FHIT	2.8E-13	Details	View
		PVT1	3.6E-13	Details	View
		RPL10	4.6E-12	Details	View
		KIAA0892	4.4E-12	Details	View
		DKFZP434O047	3.6E-11	Details	View
		H2AFZ	5.4E-11	Details	View
		GAS7	1.9E-10	Details	View
		EST	7.5E-10	Details	View
		ADD2	3E-9	Details	View
		C3orf28	2.8E-9	Details	View
		SNRPN	5.7E-9	Details	View
		EST	8.8E-9	Details	View
		EST	1.5E-8	Details	View
		KCNJ5	2.4E-8	Details	View
		RASSF8	3.8E-8	Details	View
		DKC1	7.8E-8	Details	View
		EST	8.2E-8	Details	View

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