How to retrieve the alterations_across_samples.tsv file for your analysis → go to https://www.cbioportal.org/

Data Sets Web API R/MATLAB Tutorials FAQ News Visualize Your Data About					
Query Quic	ck Search <mark>Beta!</mark>	Download		Please cite: Cerami et al., 2012 & Gao et al., 2013	What's New @cbioportal ¥
Select Studies f	CBioPortal @cbioportal It's a small addition, but the new pencil icon				
PanCancer Studies	3	Quick select: TCGA PanCancer Atlas Studies Curated set of non-redundant studies		I	allows you to quickly edit and update genes and query criteria (via OQL), in your cBioPortal queries.
Adrenal Gland Ampulla of Vater Biliary Tract	3	MSK-IMPACT Clinical Sequencing Cohort (MSKCC, Nat Med 2017) Pan-Lung Cancer (TCGA, Nat Genet 2016) Pediatric Pan-cancer (Columbia U, Genome Med 2016) Cell lines	1. Select data set:	10945 samples 🛛 🖉 🚭 1144 samples 🕞 🖉 🚭 103 samples 🕞 🖉 🚭	Control and a second a s
Bladder/Urinary Tra Bone Bowel	15 2 10	Cancer Cell Line Encyclopedia (Broad, 2019) Cancer Cell Line Encyclopedia (Novartis/Broad, Nature 2012) NCI-60 Cell Lines (NCI, Cancer Res 2012)	Cancer Cell Line Encyclopedia (Broad, 2019)	1739 samples 🔮 🖉 🗣 1020 samples 🔮 🖉 🗣 67 samples 🔮 🖉 🖨	Subscribe Cancer Studies The portal contains 280 cancer studies (details) Caseac by Top 20 Primary Sites
Breast CNS/Brain Cervix	16 19 2	Adrenocortical Carcinoma Adenoid Cystic Carcinoma Project (2019) Adrenocortical Carcinoma (TCGA, Firehose Legacy) Adrenocortical Carcinoma (TCGA, PanCancer Atlas)		1049 samples G 🖉 🕞 92 samples G 🖉 🚭 92 samples G 🖉 🚭	Breast Prostate CNS/Brain Lung Lymphoid
Esophagus/Stomaci Eye Head and Neck	14 14 3 13	Ampulla of Vater Ampullary Carcinoma Ampullary Carcinoma (Baylor College of Medicine, Cell Reports 2016) Biliary Tract		160 samples 🛛 🖉 🚱	160 samples 🛛 🖉 🐇 🕺 Myeloid Bladder
Kidney Liver Lung	17 8 21	Cholangiocarcinoma Cholangiocarcinoma (MSK, Clin Cancer Res 2018) Cholangiocarcinoma (National Cancer Centre of Singapore, Nat Genet 201 Cholangiocarcinoma (National University of Singapore, Nat Genet 2012) Cholangiocarcinoma (TCGA, Firehose Legacy)	2. Click "Query By Gene"	195 samples () 2 6 15 samples () 2 6 8 samples () 2 6 51 samples () 2 6	Skin Uterus Head/Neck IIII Ovary Thyroid
сутрпою	20	Cholangiocarcinoma (TCGA, PanCancer Atlas) 1 study selected (1739 samples) Deselect all	Query By Gene 0 C Explore Selected St	36 samples 🛛 🖉 🗣	PNS Adrenal Gland Pancreas







ccle broad 2019

celo broad 2010

TOR CARGER GEROMICS						
Modify Query Cancer Cell Line Encyclopedia (Broad, 2019) All samples (1739 patients/samples) - BRAF, MAP2 & PT	Queried genes are altered in 656 (38%) of queried patients/samples					
OncoPrint Cancer Types Summary Mutual Exclusivity Plots	Mutations Co-expression Comparison CN Segments Pathways Download					
Downloadable Data Files						
Copy-number Alterations (OQL is not in effect)	🛆 Tab Delimited Format 🔕 Transposed Matrix					
Mutations (OQL is not in effect)	Sa Tab Delimited Format Sa Transposed Matrix					
mRNA Expression z-Scores (RNA Seq RPKM)	Tab Delimited Format A Transposed Matrix					
Altered samples: List of samples with alterations	🖺 Copy 💩 Download 🛛 Query 🔄 Virtual Study					
Unaltered samples: List of samples without any alteration	🖺 Copy \Lambda Download 🛛 Query 🚯 Virtual Study					
Sample matrix: List of all samples where 1=altered and 0=unaltered	🔁 Copy 🛆 Download					
mRNA expression (RNA-Seq RPKM) 0	🛆 Tab Delimited Format 🛆 Transposed Matrix					
Treatment response: IC50 🚯	Tab Delimited Format A Transposed Matrix					
Treatment response: Z-score of IC50 0	Tab Delimited Format A Transposed Matrix					
Treatment response: AUC 🚯	Tab Delimited Format A Transposed Matrix					
Gene Alteration Frequency		Columns - Q				
Gene Symbol Num Samples Altered	Percent Samples Altered 🔻					
PTEN 335	20.1%					
BRAF 308	18.5%	7. Download .tsv file				
MAP2 188	11.3%					
	Showing 1-3 of 3					

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HOMDEL

HOMDEL

Type of Genetic Alterations Across All Samples

HOS BONE

LUNCT UNEMATODOLETIC AND LYMDUOD TICCLE



HOS BONE

UTING UNEMATODOLETIC AND LYMPHOLD TICCHE

