

Materials List for

A Data Integration Workflow to Identify Drug Combinations Targeting Synthetic Lethal Interactions

Maximilian Marhold¹, Andreas Heinzl², Almas Merchant¹, Paul Perco³, Michael Krainer¹

¹Department of Internal Medicine I - Division of Oncology, Comprehensive Cancer Center, Medical University of Vienna ²Department of Nephrology, Medical University of Vienna ³Department of Internal Medicine IV, Medical University Innsbruck

Corresponding Author

Michael Krainer

michael.krainer@meduniwien.ac.at

Citation

Marhold, M., Heinzl, A., Merchant, A., Perco, P., Krainer, M. A Data Integration Workflow to Identify Drug Combinations Targeting Synthetic Lethal Interactions. *J. Vis. Exp.* (171), e60328, doi:10.3791/60328 (2021).

Date Published

May 27, 2021

DOI

10.3791/60328

URL

jove.com/video/60328

Materials

Name	Company	Catalog Number	Comments
BioGRID	n/a	n/a	thebiogrid.org
ClinicalTrials.gov	n/a	n/a	ClinicalTrials.gov
DrugBank	n/a	n/a	drugbank.ca
Ensembl BioMart	n/a	n/a	ensembl.org
for alternative computational databases please refer to the manuscript			
7-AAD	ebioscience	00-6993-50	
AnnexinV-APC	BD Bioscience	550474	
celecoxib	Sigma-Aldrich	PZ0008-25MG	
CellTiter-Blue Viability Assay	Promega	G8080	
FACS Canto II	BD Bioscience	n/a	
fetal bovine serum	Fisher Scientific/Gibco	16000044	
FloJo Software	FloJo LLC	V10	
McCoy's 5a Medium Modified	Fisher Scientific/Gibco	16600082	
penicillin G/streptomycin sulfate	Fisher Scientific/Gibco	15140122	
SKBR-3 cells	American Type Culture Collection (ATCC)	ATCC HTB-30	
zoledronic acid	Sigma-Aldrich	SML0223-50MG	
further materials or equipment will be made available upon request			