

170146 Supported_datasets

Dataset Name	Genotypes	Environment	Phenotype (label)	Label Type	Description	Supported
Baryshnikovna_2010	6,022	1	$\text{smf} \in \mathbb{R}_+$	global	growth rate	✓
Costanzo_2016_smf	21,718	2	$\text{smf} \in \mathbb{R}_+$	global	growth rate	✓
Costanzo_2016_dmf	20,705,612	2	$\text{smf} \in \mathbb{R}_+$	global	growth rate	✓
Costanzo_2016_dmi	20,705,612	2	$\text{dmi} \in \mathbb{R}_+$	edge	gene interaction	✓
Kuzmin_2018_smf	1,539	1	$\text{smf} \in \mathbb{R}_+$	global	growth rate	✓
Kuzmin_2018_dmf	410,399	1	$\text{dmf} \in \mathbb{R}_+$	global	growth rate	✓
Kuzmin_2018_tmf	91,111	1	$\text{tmf} \in \mathbb{R}_+$	global	growth rate	✓
Kuzmin_2018_dmi	410,399	1	$\text{dmi} \in \mathbb{R}_+$	edge	gene interaction	✓
Kuzmin_2018_tmi	91,111	1	$\text{tmi} \in \mathbb{R}_+$	hyperedge	gene interaction	✓
Kuzmin_2020_smf	480	1	$\text{smf} \in \mathbb{R}_+$	global	growth rate	✓
Kuzmin_2020_dmf	256,862	1	$\text{dmf} \in \mathbb{R}_+$	global	growth rate	✓
Kuzmin_2020_tmf	537,911	1	$\text{tmf} \in \mathbb{R}_+$	global	growth rate	✓
Kuzmin_2020_dmi	256,862	1	$\text{dmi} \in \mathbb{R}_+$	edge	gene interaction	✓
Kuzmin_2020_tmi	537,911	1	$\text{tmi} \in \mathbb{R}_+$	hyperedge	gene interaction	✓
SGD_essential	1,101	1	$\text{viable} \in \mathbb{B}$	global	viability	✓
SynthLethalYeast	1,400	—	$\text{viable} \in \mathbb{B}$	global	viability	✓
SynthRescueYeast	6,948	—	$\text{viable} \in \mathbb{B}$	global	viability	✓
scmd2_2005	4,718	1	$\text{CellMorph} \in \mathbb{R}_+^{500}$	global	cell morphology	✓
scmd2_2018	1,112	1	$\text{CellMorph} \in \mathbb{R}_+^{500}$	global	cell morphology	✓
scmd2_2022	1,982	1	$\text{CellMorph} \in \mathbb{R}_+^{500}$	global	cell morphology	✓
ODuibhir_2014	1,312	1	$\text{smf} \in \mathbb{R}_+$	global, node	growth rate	✓
Kemmeren_2014	1,484	1	$\text{expr} \in \mathbb{R}_+^{6,171}$	global, node	sm microarray expression	✓
Sameith_2015	72	1	$\text{expr} \in \mathbb{R}_+^{6,171}$	global, node	dm microarray expression	✓
Zelezniak_2018	97	1	$\text{prot_abund} \in \mathbb{R}_+^{1,366}$	global, node	sm kinase deletion mutants	✓
Zelezniak_2018	97	1	$\text{met_conc} \in \mathbb{R}_+^{56}$	global, node	sm kinase deletion mutants	✓
Wildenhain_2015	195	4,915	$\text{smf} \in \mathbb{R}_+$	global	smf drug tolerance	in progress
Lian_2017	18,000	1	$\text{AID} \in \mathbb{R}_+$	global	AID furfural tolerance	in progress
FitDb	6,000	1,144	$\text{smf} \in \mathbb{R}_+$	global	growth rate	in progress