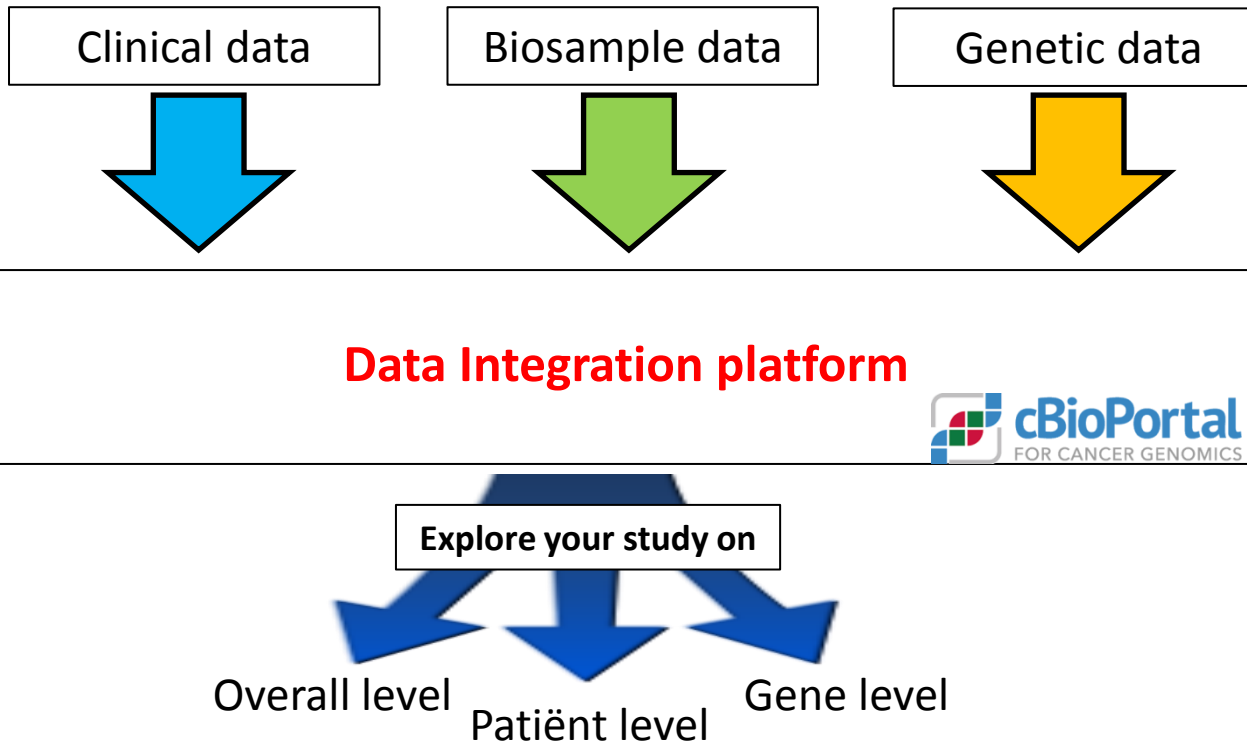


What is

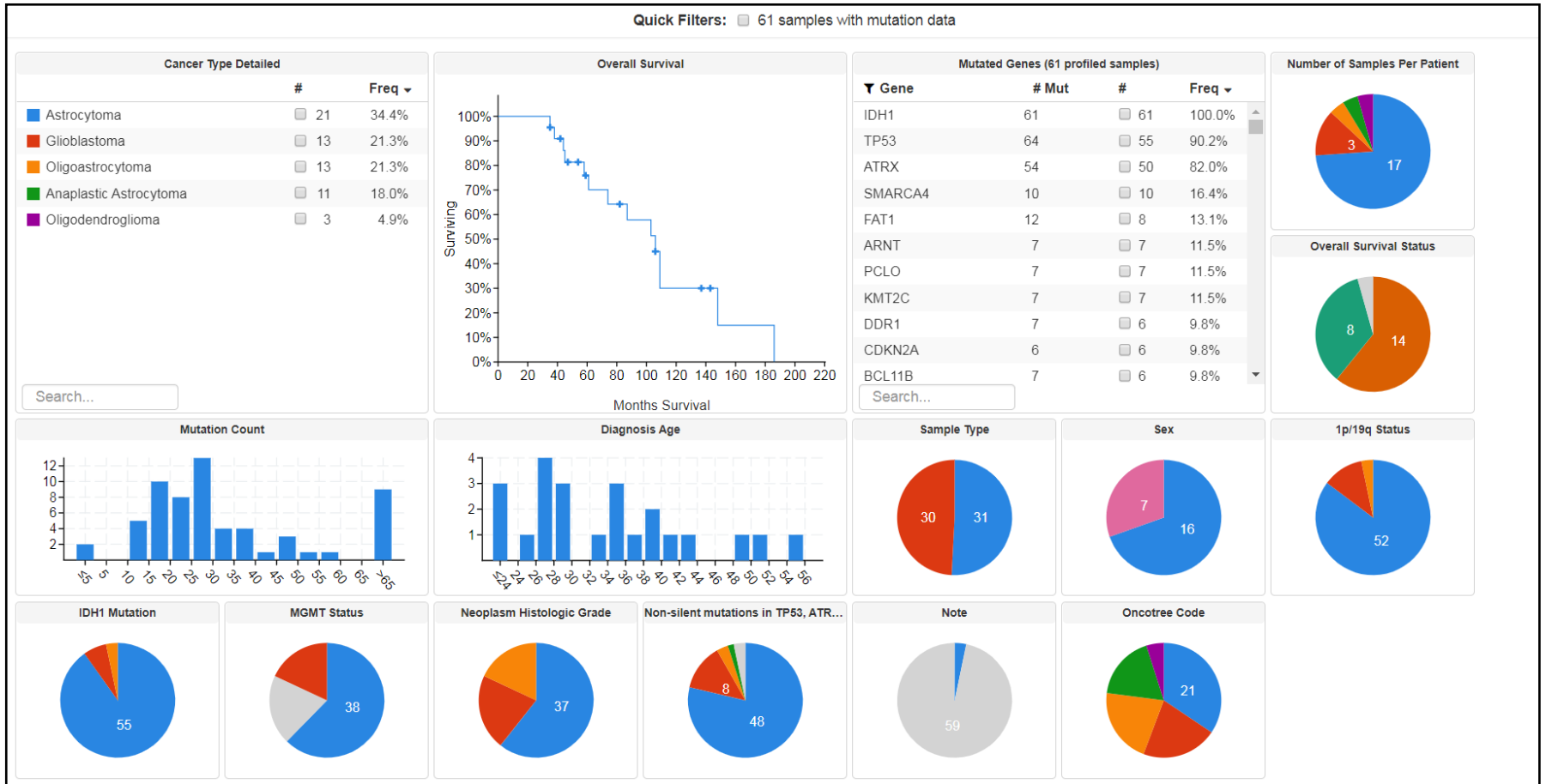


**cBioPortal**  
FOR CANCER GENOMICS



Explore your study on

# Overall level

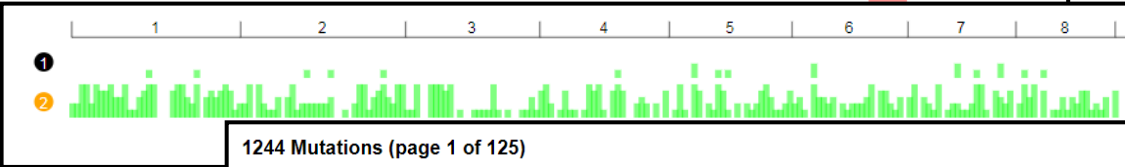
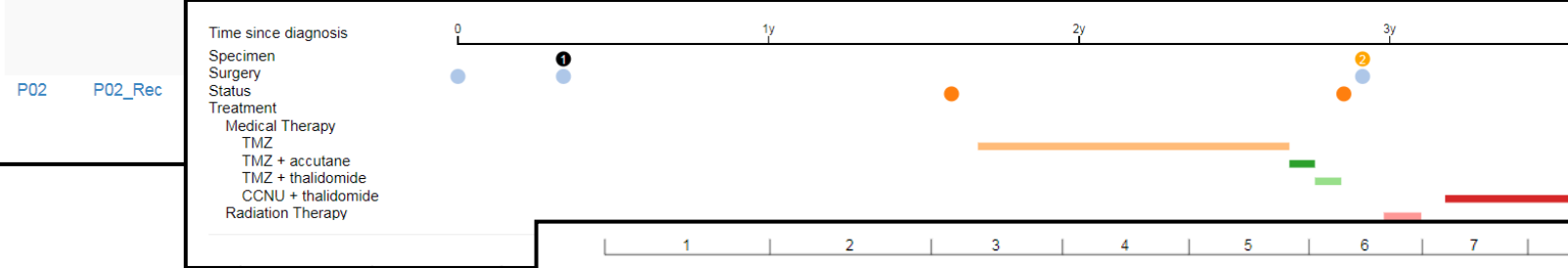


Available functionality: group-cohort comparison

Explore your study on

# Patient level

Patient ID	Sample ID	Cancer Type Detailed	Number of Samples Per Patient	Mutation Count	Diagnosis Age	Overall Survival Status	Sample Type	Sex	1p/19q Status	IDH1 Mut
P01	P01_Pri	Astrocytoma	2	39	28	DECEASED	Primary	Male	Intact	R13
P01	P01_Rec	Glioblastoma	2	1225	28	DECEASED	Recurrent	Male	19q deletion	R13
P02	P02_Pri	Oligoastrocytoma	2	24	26		Primary	Female	19q	R13



## 1244 Mutations (page 1 of 125)

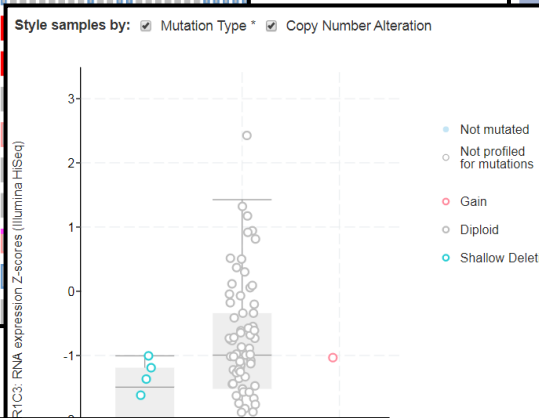
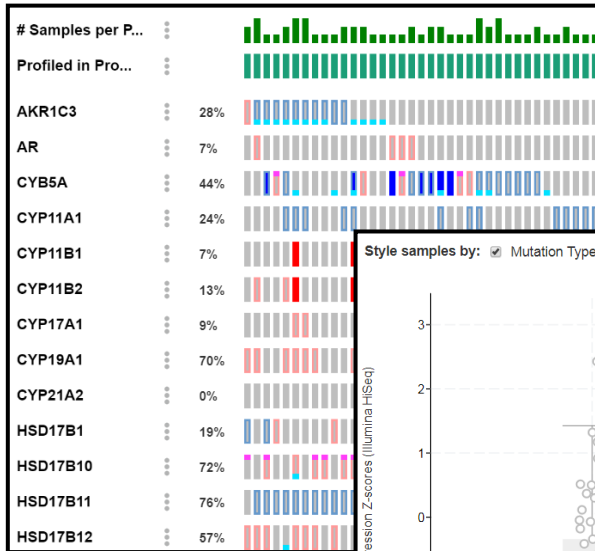
Samples	Gene	Protein Change	Annotation	Mutation Type
1 2	IDH1	R132H	🔍 🧬 🔥	Missense
2	MTOR	S2215F	🔍 🧬 🔥	Missense
1 2	TP53	C135R	🔍 🔥	Missense
2	TET2	X1198_splice	🔍	Splice
2	CIITA	W387*	🔍	Nonsense
2	RECQL	K167=	🔍	Splice
1 2	ATRX	R840Kfs*0	🔍	FS ins

## Different views:

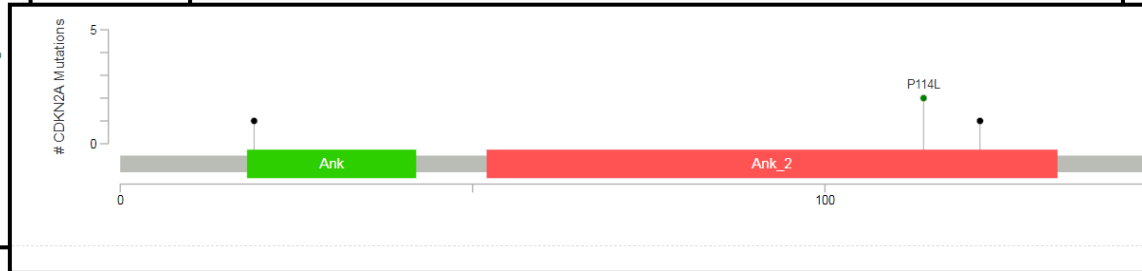
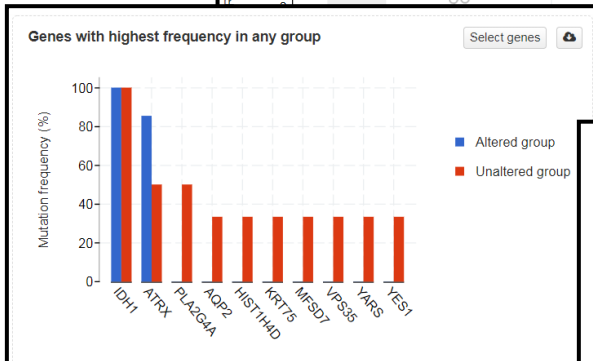
tabular, time table, copy number alterations, mutation list

Explore your study on

# Gene level



Correlated Gene	Cytoband	Spearman's Correlation	p-Value	q-Value ▲
AAPT	17q21.1	-1.00	0.00	0.00
GP2	2p14-p13	0.517	2.053e-6	4.771e-3
KR1D1	7q32-q33	0.571	3.531e-6	5.471e-3
LVAP	19p13.2	0.509	1.746e-5	0.0203
YCARD	16p11.2	0.466	2.529e-5	0.0235
LC4	6p21.1	0.435	9.758e-5	0.0633
BR1	21q22.13	0.430	1.163e-4	0.0633
KMT1A	15q15	0.427	1.315e-4	0.0633
A4	17q23	0.668	1.409e-4	0.0633
LCN5	Xp11.23-p11.22	0.511	1.516e-4	0.0633
DD1	4p16.3	0.421	1.694e-4	0.0633
IVP	16p11.2	0.420	1.773e-4	0.0633
HD4	15q11.1	0.420	1.793e-4	0.0633



Many functionalities available:

Oncoprint, heatmap, plots, mutations, enrichments, CN segments, survival etc.

# Getting started

International server:  
[www.cbioportal.org](http://www.cbioportal.org)

Dutch server:  
[www.cbioportal.health-ri.org](http://www.cbioportal.health-ri.org)

**Online tutorials**

<https://cbioportal.health-ri.nl/tutorials>

**Frequently Asked Questions**

<https://cbioportal.health-ri.nl/faq>

**Detailed documentation**

<https://docs.cbioportal.org/>

**Do you want to upload your data?**

Send an email to [servicedesk@health-ri.nl](mailto:servicedesk@health-ri.nl)