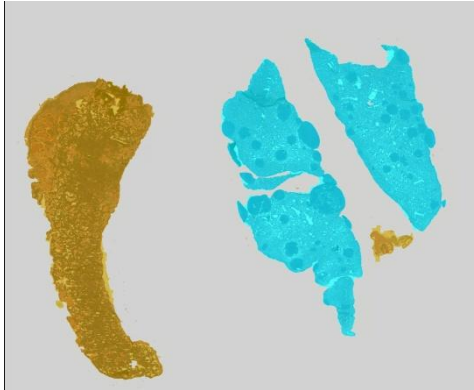


# Measurement of tumor size on histological sections

**AIM:** Find and measure tumor regions.

**Input:** Whole slide scans, automatically acquired with Mirax scanner.

**Description:** Healthy lung tissue and tumor regions were defined and measured. Manual editing after automated processing enabled.



A

A

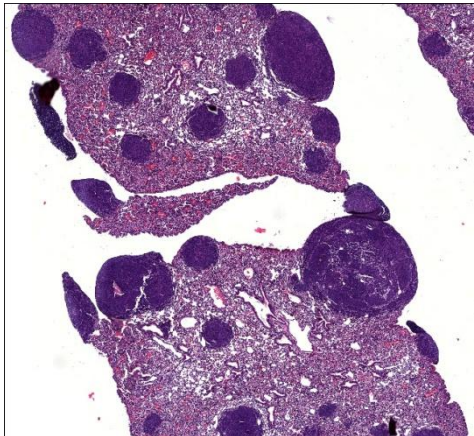
Lung \ Spleen definition on slide



Spleen



Lung



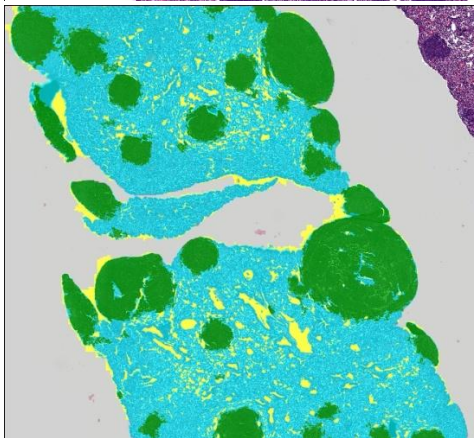
B

B

Lung section with raw information

C

Lung section with classifications shown



C



Healthy tissue



Tumor

## Output:

	A	B	C	D	E	F
1	scene_name	o lung IO	o parent IO size	Area (PxI)	Percentage of area covered by tumor	Tumor serial number
2	Tissue Slides.1M01	11	87661632	56832	0.0648311	1
3	Tissue Slides.1M01	11	87661632	61440	0.070087675	2
4	Tissue Slides.1M01	11	87661632	72704	0.082937082	3
5	Tissue Slides.1M01	11	87661632	67136	0.076585387	4
6	Tissue Slides.1M01	10	23101504	53888	0.233266198	5
7	Tissue Slides.1M01	10	23101504	2308288	9.991938187	6
8	Tissue Slides.1M01	10	23101504	74304	0.321641396	7
9	Tissue Slides.1M01	10	23101504	93056	0.4028136	8
10	Tissue Slides.1M01	10	23101504	78400	0.339371844	9
11	Tissue Slides.1M01	9	21367872	1313728	6.148146151	10
12	Tissue Slides.1M01	9	21367872	9107520	42.62249418	11
13	Tissue Slides.1M01	9	21367872	222272	1.040215891	12
14	Tissue Slides.1M01	8	21614720	756544	3.500133243	13