

# Molecular ITEMs

수집기간: 2009 -2021.7

수집자원: Fresh tissue

단위: vials

MSI (PCR-based test)	Organ	Case	Tumor	RNAlater Tumor	Normal	RNAlater Normal
<b>▶ Colon and Rectum</b>						
MSI-H	Microsatellite instability-high frequency	164	374	17	410	21
MSI-L	Microsatellite instability-low frequency	239	559	32	575	34
MSS	Microsatellite stable	2045	4430	224	4506	217
.	.	3	5	3	4	
<b>▶ Stomach</b>						
MSI-H		70	181	13	178	10
MSI-L		30	70	2	79	2
MSS		286	639	50	690	44
<b>▶ Pancreatico-biliary</b>						
MSI-L		3	1	3	1	2
MSS		52	52	55	17	32
<b>▶ Female genital organs</b>						
MSI-H		1	4	2		
MSI-L		4	18	2		
MSS		25	101	13		
<b>▶ Liver</b>						
MSI-L		1	4		4	
MSS		27	105	3	98	2
<b>▶ Nervous system (Brain)</b>						
MSI-H		1		1		
MSI-L		1	1			
MSS		10	73			
<b>▶ Small intestine</b>						
MSI-H		2	4		3	
MSS		3	6	4	4	2
<b>▶ Soft tissue</b>						
MSS		5	15			
<b>▶ Urinary tracts</b>						
MSI-H		1	6	1		
MSS		3	4	2	2	1
<b>▶ Lymph node</b>						
MSS		2	7			
<b>▶ Biopsy (Kidney)</b>						
MSS		1	1			

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K-RAS mutation	Organ	Case	Tumor	RNAlater Tumor	Normal	RNAlater Normal
	<b>▶ Colon and Rectum</b>					
	Mutation	904	1877	100	1925	100
	No mutation	1398	2988	150	3077	146
	<b>▶ Lung</b>					
	Mutation	4	8		5	
	No mutation	66	218		211	
	<b>▶ Liver</b>					
	Mutation	3	11		11	
	No mutation	7	28		28	
	<b>▶ Female genital organs</b>					
	Mutation	2	20			
	No mutation	5	25			
	<b>▶ Pancreatico-biliary</b>					
	Mutation	1	1	1	1	1
	<b>▶ Stomach</b>					
	Mutation	1	3		1	

N-RAS mutation	Organ	Case	Tumor	RNAlater Tumor	Normal	RNAlater Normal
	<b>▶ Colon and Rectum</b>					
	Mutation	7	7		12	
	No mutation	173	299	37	330	31

BRAF V600E mutation	Organ	Case	Tumor	RNAlater Tumor	Normal	RNAlater Normal
	<b>▶ Colon and Rectum</b>					
	Mutation	3	5		5	
	No mutation	16	20		23	
	<b>▶ Endocrine system</b>					
	Mutation	8	14		5	
	No mutation	17	17		16	

EBV [ISH]	Organ	Case	Tumor	RNAlater Tumor	Normal	RNAlater Normal
	<b>▶ Stomach</b>					
	Positive	20	51	3	58	3
	Negative	261	708	71	702	60