

Panel de 77 gènes

Gene	All Coding Regions	CRC	Lung	Breast	Gastric	Prostate	Bladder	Glioma	Melanoma	Ovarian	Thyroid	Pancreatic	Other Cancers	SNV	Indel*	Fusion†	CNV‡
ABL1													CML, ALL	■			
AKT1		■	■	■						■				■			
AKT2		■	■	■				■		■		■	Thymoma	■			
ALK			■										ALCL, Neuroblastoma, Inflammatory Myofibroblastic Tumor, Spitzoid Tumor, Large B-Cell Lymphoma, Rhabdomyosarcoma	■	■	■	
APC		■			■			■				■	HCC, Medulloblastoma, Desmoid	■	■		
AR	■			■		■								■			
ARAF			■											■			
BRAF		■	■					■	■	■	■		Borderline Ovarian, Cholangiocarcinoma, Spitzoid Tumor, Pancreas Acinar Carcinoma, Melanocytic Nevus, GIST	■	■		
BRCA1	■			■						■		■		■			
BRCA2	■			■				■		■		■		■			
CCND1	■	■		■									CLL, B-ALL, MM, Mantle Cell Lymphoma	■			
CCND2	■												NHL, CLL	■			
CCND3	■						■	■					MM, Burkitt Lymphoma, other B-Cell Lymphomas	■			
CD274	■												Primary Mediastinal B-Cell Lymphoma, Hodgkin Lymphoma, CML, RCC, Lymphoepithelial-like Carcinoma	■			
CDK4	■			■				■					Liposarcoma	■			
CDK6				■				■					Endometrial Squamous Cancer, T-Cell Leukemia	■			
CDKN2A	■							■				■	Astrocytoma	■			
CSF1R				■		■				■			Endometrial, Testicular GCT, Malignant Histiocytosis	■			
CTNNB1		■								■			HCC, Medulloblastoma, Mesothelioma	■	■		

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DDR2			•										Lung Adenoid Cystic Carcinoma	•			
DPYD**		•												•			
EGFR	•		•					•						•	•		•
ERBB2	•	• ⁺	•	•	•			•		•				•	•		•
ESR1	•			•										•			
EZH2													MDS, Mantle Cell Lymphoma, CML, DLBCL, Cholangiolocellular Carcinoma	•			
FBXW7	•	•		•									Endometrial, T-ALL, Lymphoblastic Leukemia	•			
FGFR1			•	•									MPN, NHL, Salivary Adenoma	•			
FGFR2			•	•	•								Endometrial	•		•	
FGFR3			•				•						MM, T-Cell Lymphoma, Cervical, Testicular GCT	•		•	
FLT1													CNS Hemangiomas	•			
FLT3													AML, ALL	•			
FLT4													Soft Tissue Sarcoma	•			
GATA3				•									RCC	•			
GNA11									•					•			
GNAQ									•					•			
GNAS		•											Pituitary Adenoma	•			
IDH1								•					AML	•			
IDH2								•					AML	•			
JAK2													ALL, AML, MPN, CML	•			
JAK3													Acute Megakaryocytic Leukemia, ETP ALL	•			
KDR			•										Angiosarcoma	•			
KEAP1	•		•											•			
KIT									•				AML, Testicular Germ Cell Tumors, GIST, Thymic Carcinoma	•	•		

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LISTE PANEL EXPANDED AVENIO cTDNA			

Gene	All Coding Regions	CRC	Lung	Breast	Gastric	Prostate	Bladder	Glioma	Melanoma	Ovarian	Thyroid	Pancreatic	Other Cancers	SNV	Indel*	Fusion*	CNV*
KRAS	■	■	■		■					■	■	■	AML, Juvenile Myelomonocytic Leukemia	■			
MAP2K1		■	■						■					■			
MAP2K2			■						■					■			
MET	■		■										Head and Neck Squamous Cell, HCC, Papillary RCC	■	■		■
MLH1	■	■		■	■					■			Endometrial, Small Intestine	■			
MSH2	■	■		■	■					■			Endometrial, Small Intestine	■			
MSH6	■	■		■	■					■			Endometrial, Small Intestine	■			
MTOR								■					Endometrial, Head and Neck SCC, Clear Cell RCC	■			
NF2	■												Meningioma, Acoustic Neuroma, Mesothelioma	■			
NFE2L2			■										Head and Neck SCC	■			
NRAS		■	■						■		■		MM, AML, Juvenile Myelomonocytic Leukemia	■			
NTRK1			■								■		Spitzoid Tumor	■		■	
PDCD1LG2	■												PMBL, Hodgkin Lymphoma	■			
PDGFRA													GIST, Hypereosinophilic Syndrome	■			
PDGFRB													MPN, AML, CMML, CML, Juvenile Myelomonocytic Leukemia	■			
PIK3CA		■		■	■			■		■	■		HCC	■	■		
PIK3R1		■						■		■				■			
PMS2	■	■		■	■					■			Endometrial, Small Intestine	■			
PTCH1													Basal Cell Carcinoma, Medulloblastoma	■			
PTEN	■	■		■		■		■			■		Endometrial, Head and Neck SCC, RCC	■	■		
RAF1						■							Pilocytic Astrocytoma	■			
RB1	■			■			■						Retinoblastoma, Small Cell Lung Carcinoma, Osteosarcoma	■			



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RET		■	■								■		Pheochromocytoma, Spitzoid Tumor, Mucosal Neuroma	■		■	
RNF43		■								■		■	Cholangiocarcinoma	■			
ROS1			■		■			■					Spitzoid Tumor, Cholangiocarcinoma, Borderline Ovarian	■		■	
SMAD4	■	■										■	Small Intestine	■			
SMO	■												Basal Cell Carcinoma, Medulloblastoma	■			
STK11	■		■						■			■	Testicular GCT	■			
TERT promoter							■	■	■				HCC, Basal Cell Carcinoma, Skin Squamous Cell, Mesothelioma, Medulloblastoma	■			
TP53	■	■	■	■	■			■		■		■	Various Leukemias, Adenocarcinoma, Basal Cell Carcinoma, Esophageal, Soft Tissue and Bone Sarcomas, Head and Neck SCC	■	■		
TSC1							■						RCC, Angiomyolipoma	■	■		
TSC2													RCC, Angiomyolipoma, Head and Neck SCC	■			
UGT1A1 ^{††}		■												■			
VHL	■												Hemangioblastoma, Pheochromocytoma, RCC	■			