

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 Lymphoma	■			
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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LISTE PANEL EXPANDED AVENIO cTDNA			

METIER-5111

Gene	All Coding Regions	CRC	Lung	Breast	Gastric	Prostate	Bladder	Glioma	Melanoma	Ovarian	Thyroid	Pancreatic	Other Cancers	SNV	Indel*	Fusion [†]	CNV [‡]
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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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, Adenocortical, 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	■			