

Development and Biological Analysis of a Novel Orthotopic Peritoneal Dissemination Mouse Model Generated Using a Pancreatic Ductal Adenocarcinoma Cell Line

SUPPLEMENTAL DIGITAL CONTENT

SUPPLEMENTARY TABLE 1. Gene List of NCC-oncopanel Version 4

Gene Symbol				
SNV, Amplification (114 Genes)			Gene Fusion (12 Genes)	
<i>ABL1</i>	<i>EGFR</i>	<i>KRAS</i>	<i>PIK3CA</i>	<i>ALK</i>
<i>ACTN4</i>	<i>ENO1</i>	<i>MAP2K1/MEK1</i>	<i>PIK3R1</i>	<i>AKT2</i>
<i>AKT1</i>	<i>EP300</i>	<i>MAP2K2/MEK2</i>	<i>PIK3R2</i>	<i>BRAF</i>
<i>AKT2</i>	<i>ERBB2/HER2</i>	<i>MAP2K4</i>	<i>POLD1</i>	<i>ERBB4</i>
<i>AKT3</i>	<i>ERBB3</i>	<i>MAP3K1</i>	<i>POLE</i>	<i>FGFR2</i>
<i>ALK</i>	<i>ERBB4</i>	<i>MAP3K4</i>	<i>PRKCI</i>	<i>FGFR3</i>
<i>APC</i>	<i>ESR1/ER</i>	<i>MDM2</i>	<i>PTCH1</i>	<i>NRG1</i>
<i>ARAF</i>	<i>EZH2</i>	<i>MDM4</i>	<i>PTEN</i>	<i>NTRK1</i>
<i>ARID1A</i>	<i>FBXW7</i>	<i>MET</i>	<i>RAC1</i>	<i>NTRK2</i>
<i>ARID2</i>	<i>FGFR1</i>	<i>MLH1</i>	<i>RAC2</i>	<i>PDGFRA</i>
<i>ATM</i>	<i>FGFR2</i>	<i>MTOR</i>	<i>RAD51C</i>	<i>RET</i>
<i>AXIN1</i>	<i>FGFR3</i>	<i>MSH2</i>	<i>RAF1/CRAF</i>	<i>ROS1</i>
<i>AXL</i>	<i>FGFR4</i>	<i>MYC</i>	<i>RB1</i>	
<i>BAP1</i>	<i>FLT3</i>	<i>MYCN</i>	<i>RET</i>	
<i>BARD1</i>	<i>GNA11</i>	<i>NF1</i>	<i>RHOA</i>	
<i>BCL2L1/BIM</i>	<i>GNAQ</i>	<i>NFE2L2/Nrf2</i>	<i>ROS1</i>	
<i>BRAF</i>	<i>GNAS</i>	<i>NOTCH1</i>	<i>SETBP1</i>	
<i>BRCA1</i>	<i>HRAS</i>	<i>NOTCH2</i>	<i>SETD2</i>	
<i>BRCA2</i>	<i>IDH1</i>	<i>NOTCH3</i>	<i>SMAD4</i>	
<i>CCND1</i>	<i>IDH2</i>	<i>NRAS</i>	<i>SMARCA4/BRG1</i>	
<i>CD274/PD-L1</i>	<i>IGF1R</i>	<i>NRG1</i>	<i>SMARCB1</i>	
<i>CDK4</i>	<i>IGF2</i>	<i>NTRK1</i>	<i>SMO</i>	
<i>CDKN2A</i>	<i>IL7R</i>	<i>NTRK2</i>	<i>STAT3</i>	
<i>CHEK2</i>	<i>JAK1</i>	<i>NTRK3</i>	<i>STK11/LKB1</i>	
<i>CRKL</i>	<i>JAK2</i>	<i>NT5C2</i>	<i>TP53</i>	
<i>CREBBP</i>	<i>JAK3</i>	<i>PALB2</i>	<i>TSC1</i>	
<i>CTNNB1/b-catenin</i>	<i>KDM6A/UTX</i>	<i>PBRM1</i>	<i>VHL</i>	
<i>CUL3</i>	<i>KEAP1</i>	<i>PDGFRA</i>		
<i>DDR2</i>	<i>KIT</i>	<i>PDGFRB</i>		

We performed next generation sequence analyses using the NCC-oncopanel (v4) for 114 cancer-related genes. Targeted sequencing and data analysis were previously described.³⁸