

## **Supplemental Materials**

### **Renal Injury during Long-term Crizotinib Therapy**

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**Supplementary Table 1. Antibodies used in the experimental mouse model**

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Antibodies	Catalog No	Host and type	Company (city, state /country)
Primary antibodies			
Anti-phospho-c-MET	AF2480	Rabbit polyclonal IgG	R&D System (Minneapolis, MN)
Anti-c-MET	AF527	Goat polyclonal IgG	R&D System (Minneapolis, MN)
Anti-phospho-STAT3	sc-8059	Mouse monoclonal IgG	Santa Cruz (Santa Cruz, CA)
Anti-STAT3	sc-8019	Mouse monoclonal IgG	Santa Cruz (Santa Cruz, CA)
Anti-phospho-ERK1/2	sc-7383	Mouse monoclonal IgG	Santa Cruz (Santa Cruz, CA)
Anti-ERK1/2	sc-514302	Mouse monoclonal IgG	Santa Cruz (Santa Cruz, CA)
Anti-phospho-Smad2	#3104	Rabbit polyclonal IgG	Cell Signaling Technology (Danvers, MA)
Anti-Smad2	#3122	Rabbit monoclonal IgG	Cell Signaling Technology (Danvers, MA)
Anti-phospho-IkB	#4792	Rabbit monoclonal IgG	Cell Signaling Technology (Danvers, MA)
Anti-IkB	#4812	Rabbit monoclonal IgG	Cell Signaling Technology (Danvers, MA)
Anti-phospho-AKT	sc-514032	Mouse monoclonal IgG	Santa Cruz (Santa Cruz, CA)
Anti-AKT	sc-81434	Mouse monoclonal IgG	Santa Cruz (Santa Cruz, CA)
Anti-beta Actin	#4970	Rabbit monoclonal IgG	CST, (Danvers, MA)
Secondary antibodies			
Anti-rabbit IgG-HRP	#172-1019	Goat polyclonal IgG	Bio Rad (Hercules, CA)
Anti-goat IgG-HRP	#172-1034	Rabbit polyclonal IgG	Bio Rad (Hercules, CA)
Anti-mouse IgG-HRP	#170-6516	Goat polyclonal IgG	Bio Rad (Hercules, CA)

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**Supplementary Table 2. Sequence of PCR primers**

Gene	Direction	Sequence (5' to 3')	Reference	Location	Amplicon size
mGapdh	sense	TGGCCTTCCGTGTTCTAC	NM 008084	686-704	178 bp
	antisense	GAGTTGCTGTTGAAGTCGCA 20	863-844		
mIL-6	sense	CTGGTCTTCTGGAGTACCATAG	NM 031168	375-396	374 bp
	antisense	AAGTCAGATACCTGACAACAGG	748-727		
mTNF- $\alpha$	sense	ACGTGGAAGTGGCAGAAGAG	NM 013693	182-201	284 bp
	antisense	CTCCTCCACTTGGTGGTTTG 20	465-446		
mTGF- $\beta$ 1	sense	ACTCCACGTGGAAATCAACGG	NM 011577	1560-1580	414 bp
	antisense	TAGTAGACGATGGGCAGTGG 20	1973-1954		
mMMP-2	sense	CACCACCGAGGACTATGACC 20	NM 008610	954-973	122 bp
	antisense	TGTTGCCCAGGAAAGTGAAG 20	1075-1056		
mColla1	sense	TAAGGGTCCCAATGGTGAGA	NM 007742	107-127	203 bp

PCR, polymerase chain reaction; m, mouse; Gapdh, Glyceraldehyde 3-phosphate dehydrogenase; IL-6, interleukin-6; TNF- $\alpha$ , tumor necrosis factor- $\alpha$ ; TGF- $\beta$ 1, transforming growth factor- $\beta$ 1; MMP2, matrix metalloproteinase-2.