

Supplemental Figure 1

Progressive Disease							Common			Disease Control				
ABL1	CDKN2C	FAT1	KMT2D	NCOA3	RPS6KB2	TRAF7	BAP1	MTOR	TERT	ACVR1B	FAM175A	JUN	PIK3CG	TAF1
ABL2	CHD4	FGF10	LATS1	NOTCH2	SDHC	WAS	BCOR	NUP93	TET2	ALOX12B	FAM46C	KAT6A	PIK3R3	TBX3
AKT3	CHEK2	FGF19	LATS2	NRAS	SHQ1	YES1	BCR	PBRM1	TLR8	ARID1A	FANCA	KDR	PLK2	TNFAIP3
ALK	CREBBP	FLT4	LZTR1	NTRK1	SLIT2		BRCA1	PIK3C2B	TP53	ARID1B	FANCG	KEL	PTK2	TOP1
APC	CRKL	GATA2	MAF	NTRK2	SMARCD1		BRCA2	POT1	TP53BP1	B2M	FH	MSH3	PTPRT	TOP2A
AR	CSF1R	GATA4	MAP2K2	PHOX2B	SNCAIP		FANCM	PRKDC	TSC1	BLM	FOXL2	NCOR1	RAD50	TP63
AURKA	DDB2	ICOSLG	MCL1	PIK3CA	SOX17		GRIN2A	PTPRS	TSC2	CD22	FRS2	NF2	RAD51D	WEE1
AXIN1	DDR2	IDH1	MDC1	PIM1	SPOP		KDM5A	RHOA	VHL	DNMT3B	GPR124	NOTCH3	RAD54B	WHSC1
BIRC2	DNMT3A	IGF1R	MDM2	PTEN	TEK		KDM5C	ROS1		EPHA3	H3F3B	NTRK3	RECQL4	WISP3
C11orf30	ERBB3	INPP4A	MEN1	RAD51C	TET1		KMT2A	SETD2		EPHB1	HDAC6	PIK3C2G	SF3B1	WT1
CARD11	EXT1	INSR	MERTK	RANBP2	TLR4		LRP1B	SPEN		ERCC5	HSD3B1	PIK3CB	SLX4	XIAP
CBL	FANCB	KMT2C	NBN	RICTOR	TMPRSS2		MSH6	SPTA1		EWSR1	IRS2	PIK3CD	SMARCA4	

Supplemental Figure 1. Mutated genes identified in mRCC cohort. All genes with identified mutations across the 34 mRCC patients within this cohort. Patients were stratified according to overall response into either the progressive disease (PD) and disease control (DC) groups. Commonly mutated genes between the two groups are listed in the green box. Genes found to be mutated in only the disease control (DC) group are listed in the yellow box and genes found to be mutated in only the progressive disease (PD) group are listed in the blue box.

