

Supplementary Table S2

Immunohistochemistry: Antibody details									
	LAB 1 (Clinical Lab)			LAB 2			LAB 3		
	RB1	TP53	PTEN	RB1	TP53	PTEN	RB1	TP53	PTEN
Biomarker									
Vendor	Calbiochem	Leica Microsystems	Dako	Abcam	Abcam	Cell Signaling Technology	Millipore Sigma	Dako	Biocare Medical
Cat #	OP66 (Ab-5)	PA0057	M3627	ab181616	ab32389	9188	OP66 (Ab-5)	M7001	CM278BK
Clone	LM95.1	DO-7	6H2.1	EPR17512	E26	D4.3	LM95.1	DO-7	6H2.1
Type	Mouse monoclonal	Mouse monoclonal	Mouse monoclonal	Rabbit monoclonal	Rabbit monoclonal	Rabbit monoclonal	Mouse monoclonal	Mouse monoclonal	Mouse monoclonal
Incubation conditions	1:30 dilution, 15 min incubation, room temperature	1:1 dilution (ready-to-use), 15 min incubation, room temperature	1:100 dilution, 15 min incubation, room temperature	1:500 dilution, 15 min incubation, room temperature	1: 400 dilution, 15 min incubation, room temperature	1:100 dilution, 15 min incubation, room temperature	1:35 dilution, 60 min incubation, room temperature	1:500 dilution, 60 min incubation, room temperature	1:100 dilution, 60 min incubation, room temperature
Antigen Retrieval	Tris EDTA Buffer, pH 9.0, 100°C, 20 min	Tris EDTA Buffer, pH 9.0, 100°C, 20 min	Tris EDTA Buffer, pH 9.0, 100°C, 20 min	BOND Epitope Retrieval Solution 1, pH 6.0, Cat# AR9961, 100°C, 20 min	BOND Epitope Retrieval Solution 1, pH 6.0, Cat# AR9961, 100°C, 20 min	BOND Epitope Retrieval Solution 2, pH 9.0, Cat# AR9640, 100°C, 20 min	Citrate Buffer, pH 6.0, 100°C, 30 min	Citrate Buffer, pH 6.0, 100°C, 30 min	Citrate Buffer, pH 6.0, 100°C, 30 min
Detection	HRP-labeled polymer	HRP-labeled polymer	HRP-labeled polymer	HRP-labeled polymer	HRP-labeled polymer	HRP-labeled polymer	HRP-labeled polymer	HRP-labeled polymer	HRP-labeled polymer
Chromogen	DAB	DAB	DAB	DAB	DAB	DAB	DAB	DAB	DAB
Substrate									
Species									
Reactivity	Human	Human	Human	Human, Mouse, Monkey	Human	Human, Mouse, Rat, Monkey and Dog	Human	Human	Human