

Table for the Order Prioritization and Disposition of Slides for PCA Pilot						
Slide Number	Description	Priority				
Slide Negative 1	Original Diagnostic H&E	optional	WSI or send to UCD for scan and return (NOTE: deidentify prior to send)			
Slide Negative 2 through X	Original Diagnostic IHC	optional	WSI or send to UCD for scan and return			
1	4um H&E	Required				
2	7um unstained on membrane for capture	Required	WSI post capture			
3	7um unstained on membrane for capture	Required	WSI post capture			
4	7um unstained on membrane for capture	Required	WSI post capture			
5	4um on +coated for multiplex immune score	Required	Send to UCD for stain and analysis			
6	4um on +coated for multiplex immune score	Required	Send to UCD for stain and analysis			
IF ample	Breast	Prostate	Lung	Pancreas		
7	extra hold	extra hold	extra hold	extra hold		Phenotyping IHC studies can be performed locally and scanned or sent to UCD for scan; or can be sent as unstained 4 um on + coated for stain at UCD

						Note: In some cases, such as the prostate, the PIN4 stain may be helpful in identifying areas to capture, so it is expected that these would be performed locally.
8	ER IHC	PIN4	TTF1	CDX2		
9	PR IHC	PTEN	P40/p63	MUC1		
10	HER2 IHC	ERG	CEA	14-3-3sigma		
11	Ki67 IHC	cMYC	ALK	MUC4		
12	P16 IHC	Ki67	CD56	MUC5		
13	AR IHC	Telomere cISH	Synaptophysin	p16		
14	VDR IHC	ETS/45 ISH	p53	P53		
15	Bag1 IHC	extra hold	p16	Ki67		
16	P16 IHC	extra hold	Her2	extra hold		
17	Cox2 IHC	4 um H&E	extra hold	extra hold		
18	extra hold		extra hold	4 um H&E		
19	extra hold		4 um H&E			
20	4 um H&E					
OR>>>>If Scant						
7	4 to 5 um on + for multiplex phenotype	Required				Send to UCD for stain. If tissue is scant, the baseline phenotyping will be performed at UCD using PE multiplex opal staining, in parallel with the immunoscore.
8						
9	extra hold					
10	4 um H&E	Required				WSI or send to UCD for scan and return