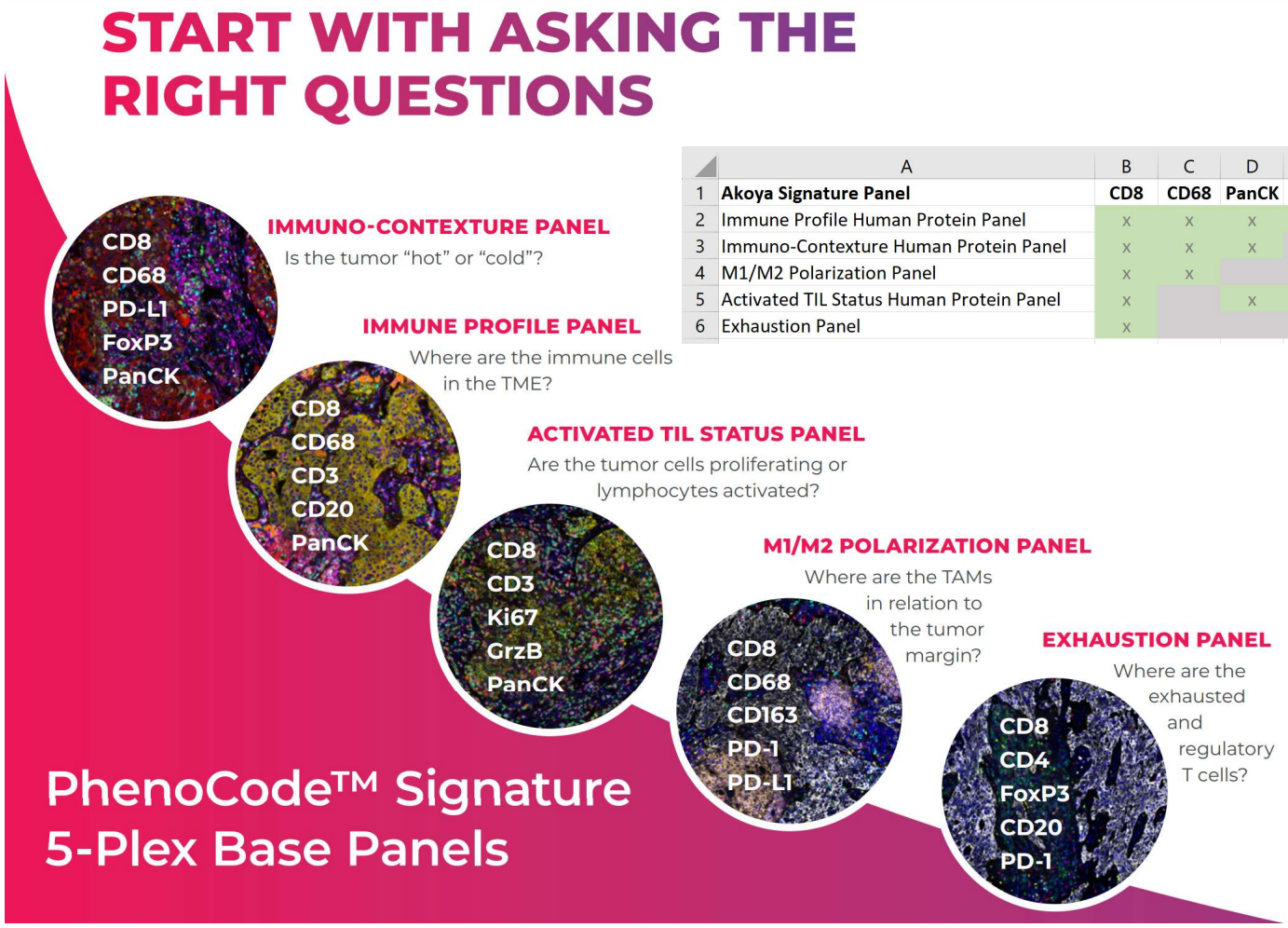
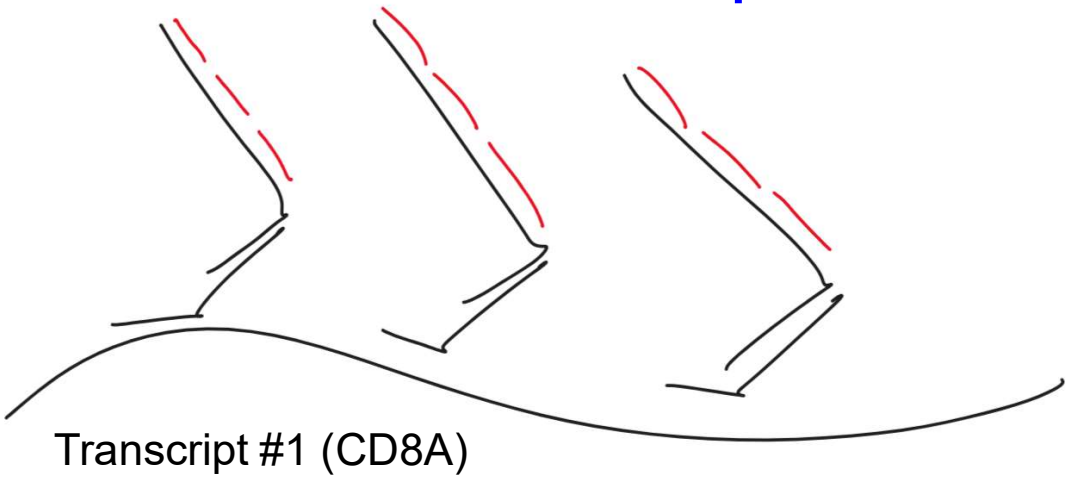
Akoya 5-plex Signature Panels



	A	B	C	D	E	F	G	H	I	J	K	L	M
1	**Akoya Signature Panel**	**CD8**	**CD68**	**PanCK**	**CD3**	**CD20**	**PD-1**	**PD-L1**	**CD4**	**CD163**	**FoxP3**	**Ki-67**	**GrzB**
2	Immune Profile Human Protein Panel	x	x	x	x	x							
3	Immuno-Contexture Human Protein Panel	x	x	x				x			x		
4	M1/M2 Polarization Panel	x	x				x	x		x			
5	Activated TIL Status Human Protein Panel	x		x	x							x	x
6	Exhaustion Panel	x				x	x		x		x		

https://www.akoyabio.com/wp-content/uploads/2022/11/PhenoCode_Signature_Brochure.pdf

Demo #2: Multiplexed RNA-FISH (w/ SABER)



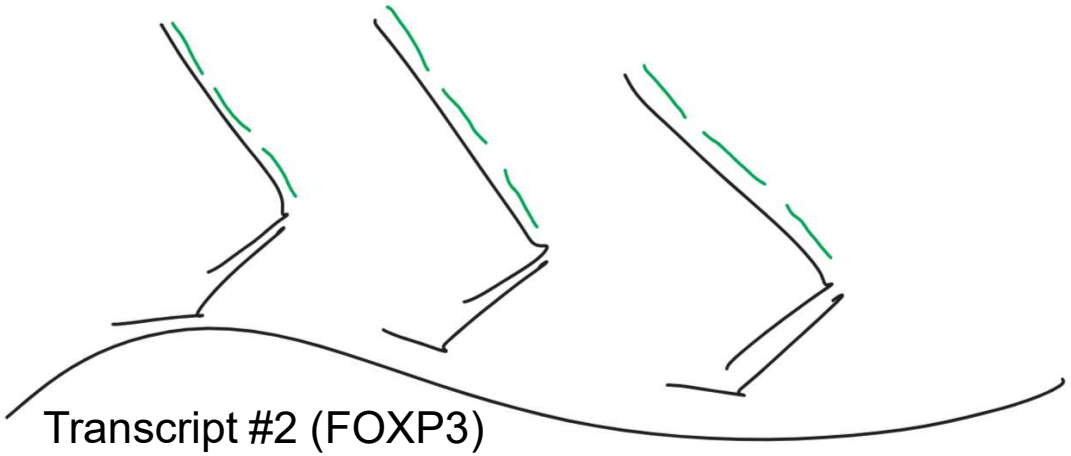
Transcript #1 (CD8A)

[…]

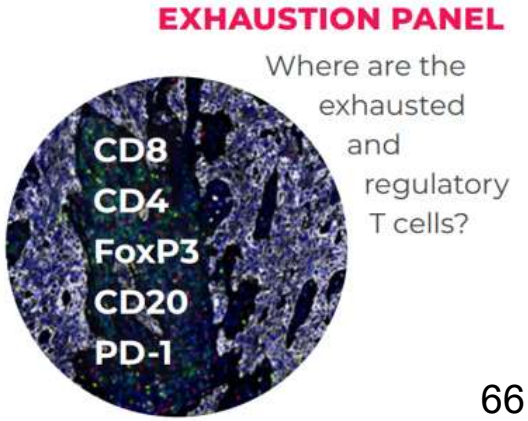
Transcript #3 (CD4)

Transcript #4 (CD20)

Transcript #5 (PD-1)



Transcript #2 (FOXP3)



Demo #2: Multiplexed RNA-FISH (w/ SABER)

PaintSHOP workflow

1. Go to https://paintshop.io in a browser, click Launch PaintSHOP
2. Query database for homology sequences
    1. Click on the RNA Probe Design tab
    2. Select the hg38 newBalance (isoform-flattened) probe collection
    3. Enter CD8A, MS4A1, PDCD1, CD4, FOXP3 and click Submit
    4. Use Optimize Set → Trim feature to set max 30 probes per target
3. Append a SABER 42mer bridge to the 3' end (unique bridge per target)
    1. Click on the Appending tab
    2. Under 3' Appending Scheme, select Primer/Bridge/Universal (unique / target), select the Kishi et al. 2019 Bridges and click Append.
4. Download your sequences