

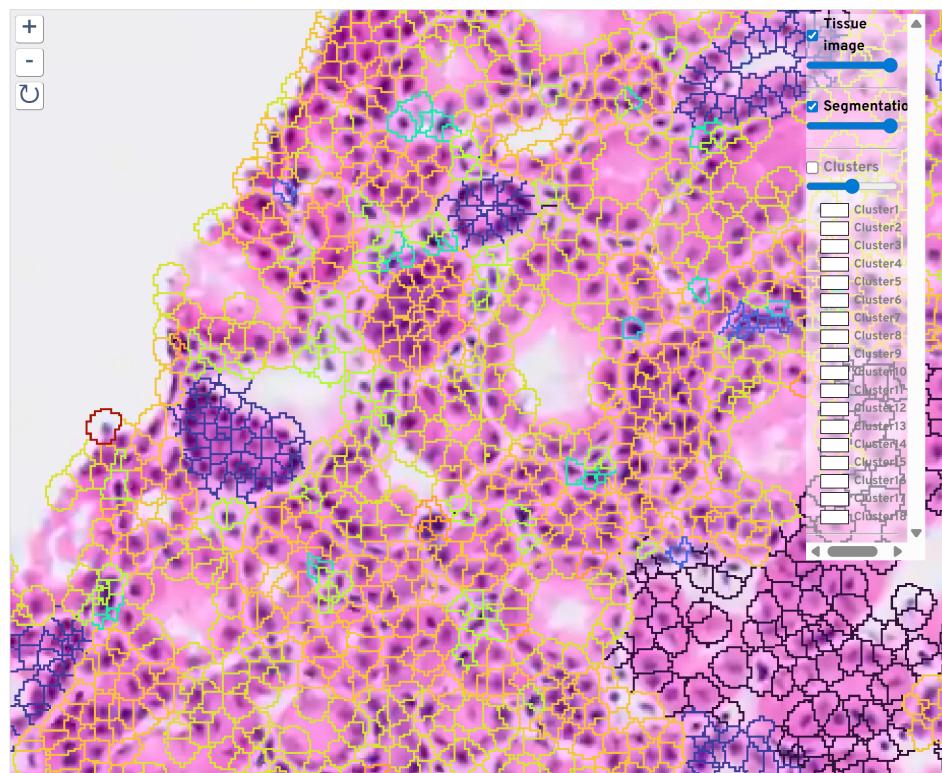
## Visium\_HD\_3prime\_Rhesus\_Kidney - Gene expression library of Fresh Frozen Rhesus Kidney (Visium HD 3')

Summary    Image Alignment    Bin-Level Metrics    Cell Segmentation

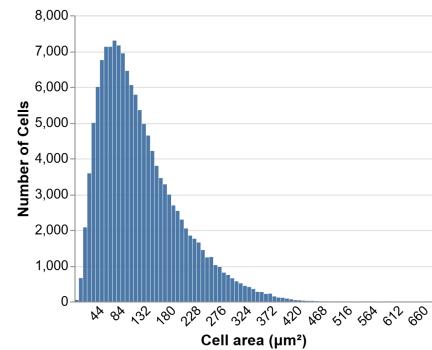
### Cell Segmentation Metrics ?

Number of Cells	137,399
Reads in Cells	80.0%
UMIs in Cells	88.7%
Mean Reads per Cell	4,111.4
Median Genes per Cell	149.0
Median UMIs per Cell	162.0
Median Cell Area ( $\mu\text{m}^2$ )	104.0
Median Nucleus Area ( $\mu\text{m}^2$ )	24.0
Maximum Nucleus Diameter (pixels)	256

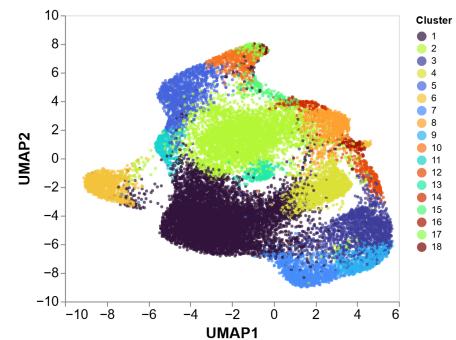
### Cell Segmentation ?



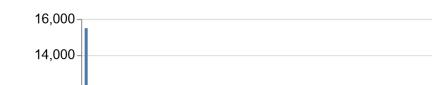
### Cell Size Distribution ?



### UMAP of Segmented Cells ?

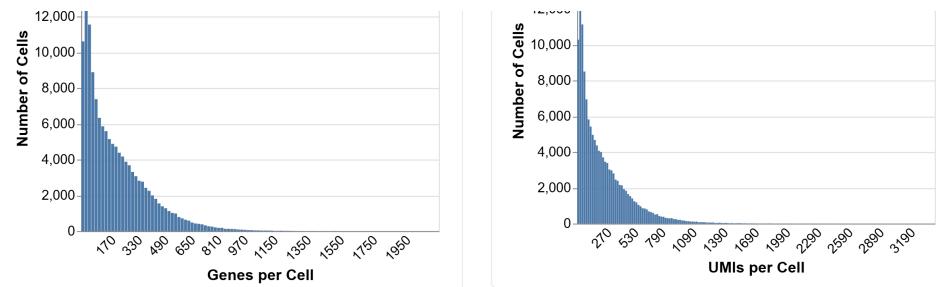


### Genes per Cell ?



### UMIs per Cell ?





### Top Features by Cluster (Log2 fold-change, p-value) ?

Feature		Cluster 1		Cluster 2		Cluster 3		Cluster 4		Cluster 5		Cluster 6		C
ID	Name	L2FC	p-value	L2FC										
ENSG00000211445	GPX3	2.39	1e-41	-1.88	1e-30	-1.83	1e-17	3.19	3e-107	-2.41	1e-20	-1.23	1e-5	-1
ENSG00000100253	MIOX	0.87	8e-4	-2.27	1e-41	-1.99	7e-20	4.39	2e-229	-2.49	9e-21	-1.03	3e-4	-1
ENSG00000166589	CDH16	0.18	1e+0	-1.76	2e-27	1.03	1e-9	-0.76	2e-3	-2.85	1e-25	0.57	3e-2	2
ENSG00000198888	MT-ND1	0.11	1e+0	-1.30	2e-16	1.19	4e-13	0.19	6e-1	-1.12	6e-6	1.40	4e-12	0
ENSG00000070915	SLC12A3	0.11	1e+0	-2.36	5e-44	-1.78	2e-16	-2.16	8e-18	-3.14	5e-29	-2.22	6e-14	5
ENSG00000198804	MT-CO1	-0.03	1e+0	-0.91	9e-9	0.88	5e-7	0.28	3e-1	-0.82	1e-3	1.33	6e-11	0
ENSG00000176387	HSD11B2	-0.06	1e+0	-1.91	3e-31	1.57	1e-23	-0.86	3e-4	-2.92	1e-27	-1.22	1e-5	1
ENSG00000104327	CALB1	-0.21	1e+0	-1.89	1e-30	2.04	1e-42	-2.34	2e-21	-3.17	2e-30	-2.56	1e-18	1
ENSG00000074803	SLC12A1	-0.25	9e-1	-1.59	1e-22	-2.25	4e-24	-0.95	7e-5	-2.43	8e-20	4.60	2e-222	-2
ENSG00000075624	ACTB	-0.25	9e-1	0.60	4e-5	-0.35	2e-1	-0.33	3e-1	0.40	1e-1	-0.91	2e-3	0

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