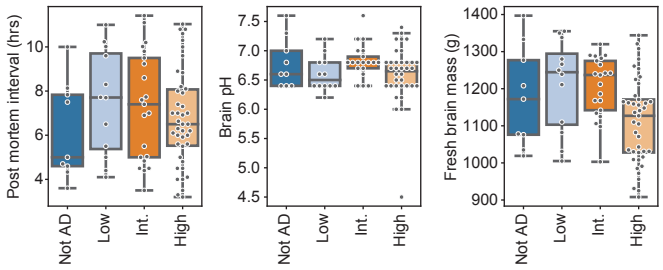
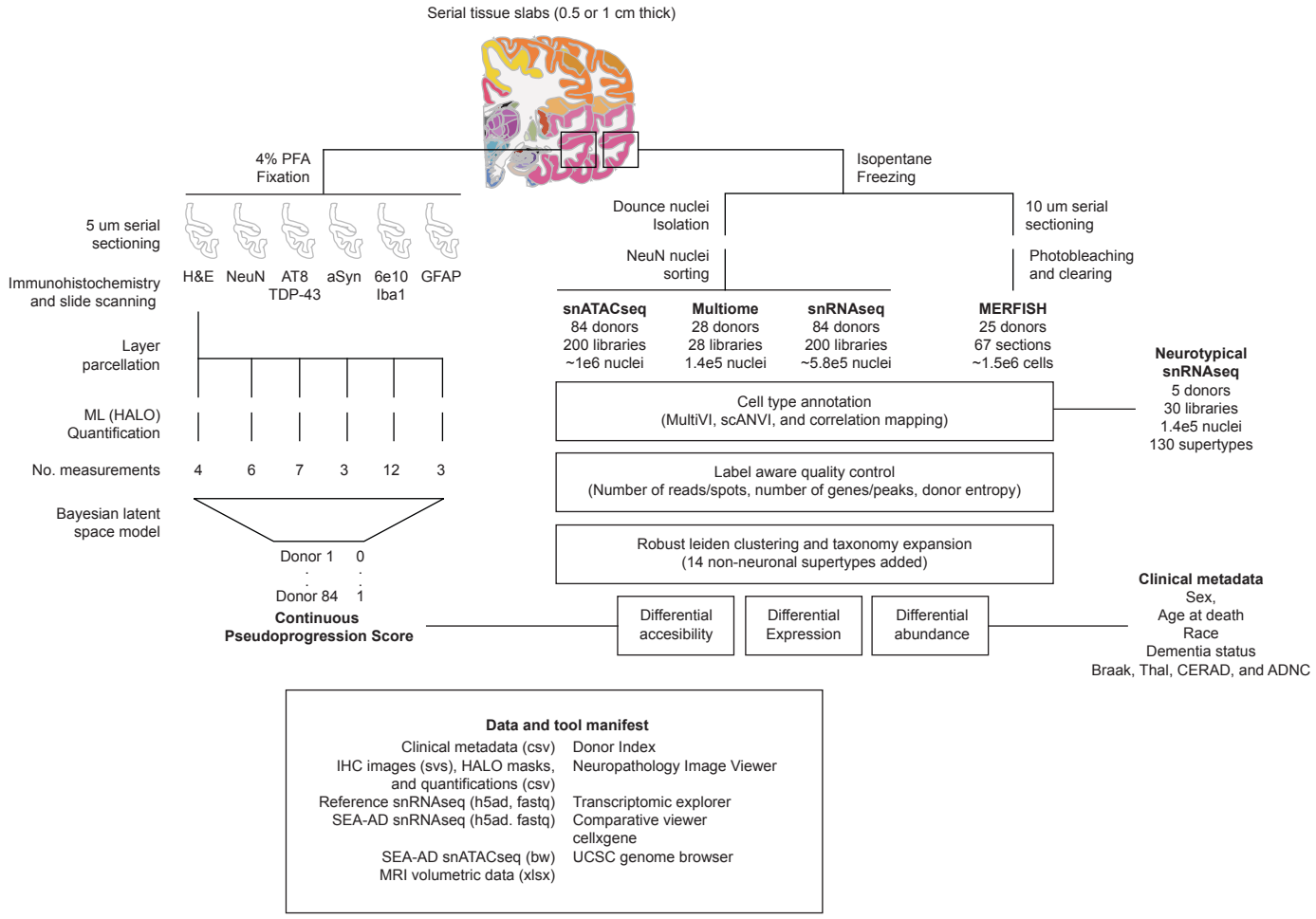
Extended Data Figure 1.

a Summary metrics from the SEA-AD cohort across AD Neuropathological Change

	Not AD (n=9)	Low (n=12)	Intermediate (n=21)	High (n=42)
Sex - no. (%)				
F	5 (6%)	7 (8.3%)	11 (13.1%)	28 (33.3%)
M	4 (4.8%)	5 (6%)	10 (11.9%)	14 (16.7%)
Age at death - no. (%)				
65-77 years	0 (0%)	2 (2.4%)	0 (0%)	6 (7.1%)
78-89 years	4 (4.8%)	5 (6%)	9 (10.7%)	12 (14.3%)
90+ years	5 (6%)	5 (6%)	12 (14.3%)	24 (28.6%)
Years of education - no. (%)				
12-15 years	3 (3.6%)	3 (3.6%)	9 (10.7%)	17 (20.2%)
16-18 years	5 (6%)	6 (7.1%)	7 (8.3%)	19 (22.6%)
19-21 years	1 (1.2%)	3 (3.6%)	5 (6%)	6 (7.1%)
CASI Score				
Mean	90.78	93.27	92.94	80.94
SD	4.24	6.33	5.13	8.92
Post Mortem Interval - hours				
Mean	6.19	7.51	7.32	6.8
SD	2.21	2.4	2.48	2.18
Brain pH				
Mean	6.79	6.6	6.82	6.59
SD	0.43	0.3	0.28	0.47



b Overall sampling and analysis plan for the Seattle Alzheimer's Disease Cell Atlas (SEA-AD) project



c Quality control metrics for nuclear suspensions and single nucleus transcriptomics, epigenomics, and multiome data from them

