

S3A CrossCell: Complete Performance Results

Test	Direction	Status	Time(s)	Memory(MB)	Cells	Genes
squidpy_imc	h5ad_to_rds	success	0.327	19.7	4668	34
squidpy_mibitof	h5ad_to_rds	success	0.678	27.7	3309	36
squidpy_seqfish	h5ad_to_rds	success	2.433	99.7	19416	351
scanpy_pbmc3k	h5ad_to_rds	success	2.676	153.7	2700	32738
squidpy_merfish	h5ad_to_rds	success	7.373	306.4	73655	161
scanpy_pbmc3k_processed	h5ad_to_rds	success	8.833	255.4	2700	1838
scvelo_dentategyrus	h5ad_to_rds	success	13.09	460.5	2930	13913
squidpy_slideseqv2	h5ad_to_rds	success	19.018	335.8	41786	4000
cellxgene_pbmc_15k	h5ad_to_rds	success	20.732	861.9	15000	33694
squidpy_visium_hne	h5ad_to_rds	success	21.736	927.7	2688	18078
scvelo_pancreas	h5ad_to_rds	success	25.636	877.9	3696	27998
cellxgene_heart_23k	h5ad_to_rds	success	46.314	2078.4	23185	33694
cellxgene_brain_40k	h5ad_to_rds	success	300.94	11906.7	39245	33694
v5_pbmc3k_raw	rds_to_h5ad	success	0.281	153.6	2700	13714
v4_pbmc3k_raw	rds_to_h5ad	success	0.495	154.6	2700	13714
v4_pbmc3k_processed	rds_to_h5ad	success	0.61	233.3	2700	13714
v5_celegans.embryo_raw	rds_to_h5ad	success	0.721	334.2	6188	20222
v5_pbmc3k_processed	rds_to_h5ad	success	0.851	300.0	2700	13714
v4_celegans.embryo_raw	rds_to_h5ad	success	0.952	317.8	6188	20222
v5_stxKidney_raw	rds_to_h5ad	success	1.153	531.9	1438	31053
v4_celegans.embryo_processed	rds_to_h5ad	success	1.399	480.0	6188	20222
v4_cbmc_raw	rds_to_h5ad	success	1.537	580.8	8617	20501
v5_celegans.embryo_processed	rds_to_h5ad	success	1.552	635.1	6188	20222
v5_cbmc_raw	rds_to_h5ad	success	1.583	546.0	8617	20501
v4_stxKidney_raw	rds_to_h5ad	success	1.738	566.2	1438	31053
v5_ifnb_raw	rds_to_h5ad	success	1.794	577.9	13999	14053
v4_ifnb_raw	rds_to_h5ad	success	2.218	584.5	13999	14053
v4_cbmc_processed	rds_to_h5ad	success	2.848	718.0	8617	20501
v5_cbmc_processed	rds_to_h5ad	success	3.125	1017.8	8617	20501
v4_ifnb_processed	rds_to_h5ad	success	3.63	966.5	13999	14053
v5_ssHippo_raw	rds_to_h5ad	success	4.316	1329.1	53173	23264
v5_ifnb_processed	rds_to_h5ad	success	5.11	1258.2	13999	14053
v5_bmcite_raw	rds_to_h5ad	success	5.321	1600.7	30672	17009
v5_pbmcsca_raw	rds_to_h5ad	success	5.454	1635.9	31021	33694
v4_ssHippo_raw	rds_to_h5ad	success	5.858	1344.4	53173	23264
v4_pbmcsca_raw	rds_to_h5ad	success	6.604	1652.0	31021	33694
v5_hcabm40k_raw	rds_to_h5ad	success	8.002	2338.9	40000	17369
v4_pbmcsca_processed	rds_to_h5ad	success	9.106	2440.0	31021	33694
v4_bmcite_raw	rds_to_h5ad	success	9.232	1853.6	30672	17009
v5_ssHippo_processed	rds_to_h5ad	success	10.135	3275.9	53173	23264
v4_hcabm40k_raw	rds_to_h5ad	success	10.358	2353.2	40000	17369
v5_pbmcsca_processed	rds_to_h5ad	success	11.136	3391.1	31021	33694
v4_ssHippo_processed	rds_to_h5ad	success	11.395	2945.6	53173	23264
v5_bmcite_processed	rds_to_h5ad	success	12.252	3322.1	30672	17009
v5_panc8_raw	rds_to_h5ad	success	13.024	2991.9	14890	34363
v4_bmcite_processed	rds_to_h5ad	success	13.385	2623.9	30672	17009
v4_panc8_raw	rds_to_h5ad	success	14.13	3005.3	14890	34363
v5_thp1.eccite_raw	rds_to_h5ad	success	15.529	4000.2	20729	18649
v4_hcabm40k_processed	rds_to_h5ad	success	15.717	3297.9	40000	17369
v5_hcabm40k_processed	rds_to_h5ad	success	17.703	4798.2	40000	17369
v4_panc8_processed	rds_to_h5ad	success	18.007	3299.5	14890	34363
v4_thp1.eccite_raw	rds_to_h5ad	success	20.136	4148.9	20729	18649
v5_panc8_processed	rds_to_h5ad	success	25.448	5455.3	14890	34363
v4_thp1.eccite_processed	rds_to_h5ad	success	27.016	4537.4	20729	18649
v5_thp1.eccite_processed	rds_to_h5ad	success	27.975	7311.2	20729	18649