Title	Algorithm	Cell origin	# Cells	Data Sources	Reference
Brain cells from E18 mice	DCA, SAUCIE	Brain Cortex	1,306,127	10x: Single Cell Gene Expression Datasets	
Midbrain and Dopaminergic Neuron Development	SAVER-X	Ventral Midbrain	1907	GSE76381	[81]
Mouse cell atlas	SAVER-X		405,796	GSE108097	[144]
neuron9k	DeepImpute	Cortex	9128	10x: Single Cell Gene Expression Datasets	
Mouse Visual Cortex	DeepImpute	Brain cortex	114601	GSE102827	[145]
murine epidermis	DeepImpute	Epidermis	1422	GSE67602	[146]
myeloid progenitors	LATE DESC, SAUCIE	Bone marrow	2,730	GSE72857	[147]
Cell-cycle	scIGAN	mESC	288	E-MTAB-2805	[148]
A single-cell survey		Intestine	7721	GSE92332	[126]
Tabula Muris	iMAP	Mouse cells	>100K		
Baron-Mou-1	VASC	Pancreas	822	GSM2230761	[132]
Biase	scGMAI, VASC	Embryos/SMARTer	56	GSE57249	[149]
Biase	scGMAI, VASC	Embryos/Fluidigm	90	GSE59892	[149]
Deng	scGMAI, VASC	Liver	317	GSE45719	[150]
Klein	VASC scDeepCluster scIGAN	Stem Cells	2,717	GSE65525	[151]
Goolam	VASC	Mouse Embryo	124	E-METAB-3321	[152]
Kolodziejczyk	VASC	mESC	704	E-MTAB-2600	[153]
Usoskin	VASC	Lumbar	864	GSE59739	[154]
Zeisel	VASC, scVI, SAUCIE, netAE	Cortex, hippocampus	3,005	GSE60361	[155]
Bladder cells	scDeepCluster	Bladder	12,884	GSE129845	[156]
HEMATO	scVI	Blood cell	>10,000	GSE89754	[157]
retinal bipolar cells	scVI, scCapsNet SAUCIE	retinal	~25,000	GSE81905	[106]
Embryo at 9 time points	LDAVE	embryos from E6.5 to E8.5	116,312	GSE87038	[158]
Embryo at 9 time points	LDAVE	embryos from E9.5 to E13.5	~2 millions	GSE119945	[159]
CyTOF,	SAUCIE	Mouse thymus	200K, ~38 antibodies	Cytobank: 52942	[160]
Solo	solo	Mouse kidneys	~8,000	GSE140262	[93]
Nestorowa	netAE	hematopoietic stem and progenitor cells	1,920	GSE81682	[161]
small intestinal epithelium	scGen	Infected with Salmonella and worm H. polygyrus	1,957	GSE92332	[126]