(A) Prediction Accuracy

Method	train. Acc. ± s.d.	test Acc. ± s.d.
TransformerConv	**0.943 ± 0.001**	**0.846 ± 0.011**
MLP	0.902 ± 0.015	0.813 ± 0.018

(B) TransformerConv

B	CD14+	CD16+	CD4+	Cyto.	MK	NK
cd74	s100a9	lst1	actb	ccl5	ppbp	gnly
hla-dra	lyz	psap	rpl4	nkg7	ftl	tyrobp
ms4a1	s100a8	fcgr3a	pabpc1	mtrnr2l1	fth1	nkg7
ighm	ftl	cst3	rps3	gzmh	actb	fcer1g
hla-drb1	vcan	aif1	rps6	eef1a1	tagln2	itgb2

(C) MLP

B	CD14+	CD16+	CD4+	Cyto.	MK	NK
cd74	lyz	ftl	eef1a1	eef1a1	actb	gnly
hla-dra	hla-dra	sat1	tpt1	ccl5	ppbp	nkg7
igkc	ftl	actb	rps6	hla-c	hla-e	hla-b
actb	s100a9	ptma	rpl15	rps3	ccl5	eef1a1
eef1a1	fos	psap	rps4x	nkg7	fth1	hla-e