

AUROC Consistency across methods and datasets (downsampling)

PIDC

GRNBOOST2

GENIE3

		PIDC										
		% Cells										
		100	.63	.66	.65	.68	.75	.75	.78	.76	.77	.79
Kim23	90	.60	.61	.69	.71	.74	.77	.77	.78	.78	.79	.79
	80	.61	.62	.68	.70	.73	.76	.77	.76	.77	.78	
	70	.61	.63	.70	.71	.72	.78	.78	.78	.79	.80	
	60	.61	.63	.67	.70	.71	.76	.79	.80	.79	.80	
	50	.61	.60	.67	.67	.72	.70	.74	.76	.76	.78	
	40	.60	.64	.65	.70	.72	.72	.75	.76	.77	.77	
	30	.57	.62	.66	.69	.70	.74	.73	.77	.78	.78	
	20	.59	.62	.64	.68	.69	.72	.72	.75	.78	.77	
	10	.57	.59	.60	.67	.67	.69	.70	.74	.73	.75	

		GRNBOOST2										
		% Reads										
		100	.55	.63	.65	.68	.74	.73	.76	.74	.75	.75
Kim23	90	.54	.60	.67	.70	.73	.75	.75	.77	.76	.76	
	80	.55	.60	.68	.69	.71	.75	.75	.74	.75	.75	
	70	.55	.59	.67	.69	.72	.75	.75	.75	.76	.76	
	60	.54	.59	.66	.69	.70	.74	.76	.77	.76	.77	
	50	.54	.57	.62	.67	.71	.70	.73	.73	.74	.75	
	40	.54	.59	.63	.69	.71	.71	.73	.73	.74	.74	
	30	.53	.57	.63	.67	.70	.71	.71	.74	.74	.74	
	20	.53	.58	.61	.64	.65	.68	.69	.72	.74	.74	
	10	.52	.56	.57	.62	.64	.66	.66	.71	.71	.71	

		GENIE3										
		% Cells										
		100	.63	.65	.64	.67	.74	.73	.75	.73	.75	.76
Kim23	90	.60	.61	.67	.70	.72	.74	.74	.76	.76	.76	
	80	.62	.62	.67	.69	.72	.74	.75	.74	.75	.75	
	70	.61	.63	.68	.70	.71	.75	.75	.76	.76	.77	
	60	.61	.63	.66	.69	.70	.71	.75	.75	.76	.77	
	50	.61	.65	.67	.69	.70	.71	.73	.73	.74	.75	
	40	.61	.65	.67	.69	.70	.71	.73	.73	.74	.75	
	30	.60	.62	.63	.66	.69	.71	.71	.73	.73	.74	
	20	.57	.62	.65	.68	.70	.71	.71	.73	.73	.74	
	10	.59	.60	.62	.67	.67	.70	.70	.74	.74	.75	

		GRNBOOST2										
		% Reads										
		100	.58	.59	.61	.62	.64	.65	.65	.66	.67	.67
Buenrostro18	90	.58	.60	.62	.62	.64	.65	.65	.66	.67	.68	
	80	.57	.59	.60	.62	.63	.64	.66	.66	.66	.67	
	70	.57	.61	.60	.62	.64	.65	.64	.65	.67	.66	
	60	.58	.59	.60	.63	.63	.62	.65	.66	.65	.67	
	50	.58	.59	.60	.63	.63	.63	.64	.67	.65	.66	
	40	.59	.63	.64	.64	.65	.65	.68	.67	.69	.69	
	30	.57	.58	.62	.64	.68	.68	.67	.68	.69	.69	
	20	.57	.60	.61	.65	.65	.66	.68	.68	.70	.69	
	10	.55	.59	.62	.60	.63	.65	.64	.69	.69	.70	

		GENIE3										
		% Cells										
		100	.61	.61	.62	.63	.64	.65	.65	.65	.67	.67
Buenrostro18	90	.59	.60	.63	.62	.65	.66	.66	.66	.66	.66	.67
	80	.59	.60	.61	.63	.63	.65	.66	.66	.66	.67	.67
	70	.59	.60	.61	.63	.63	.64	.66	.66	.66	.67	.67
	60	.60	.62	.63	.62	.64	.64	.65	.66	.66	.66	.67
	50	.60	.62	.62	.65	.64	.65	.66	.66	.66	.66	.67
	40	.60	.62	.61	.64	.63	.64	.65	.65	.65	.66	.67
	30	.59	.63	.63	.63	.63	.64	.67	.67	.66	.66	.67
	20	.59	.61	.61	.64	.63	.64	.66	.66	.68	.66	.67
	10	.56	.60	.62	.61	.64	.62	.66	.66	.66	.68	.68

		GRNBOOST2										
		% Reads										
		100	10	20	30	40	50	60	70	80	90	100
Buenrostro18	90	10	20	30	40	50	60	70	80	90	100	
	80	10	20	30	40	50	60	70	80	90	100	
	70	10	20	30	40	50	60	70	80	90	100	
	60	10	20	30	40	50	60	70	80	90	100	
	50	10	20	30	40	50	60	70	80	90	100	
	40	10	20	30	40	50	60	70	80	90	100	
	30	10	20	30	40	50	60	70	80	90	100	
	20	10	20	30	40	50	60	70	80	90	100	
	10	10	20	30	40	50	60	70	80	90	100	

		GENIE3										
		% Reads										
		100	10	20	30	40	50	60	70	80	90	100
Buenrostro18	90	10	20	30	40	50	60	70	80	90	100	
	80	10	20	30	40	50	60	70	80	90	100	
	70	10	20	30	40	50	60	70	80	90	100	
	60	10	20	30	40	50	60	70	80	90	100	
	50	10	20	30	40	50	60	70	80	90	100	
	40	10	20	30	40	50	60	70	80	90	100	
	30	10	20	30	40	50	60	70	80	90	100	
	20	10	20	30	40	50	60	70	80	90	100	
	10	10	20	30	40	50	60	70	80	90	100	