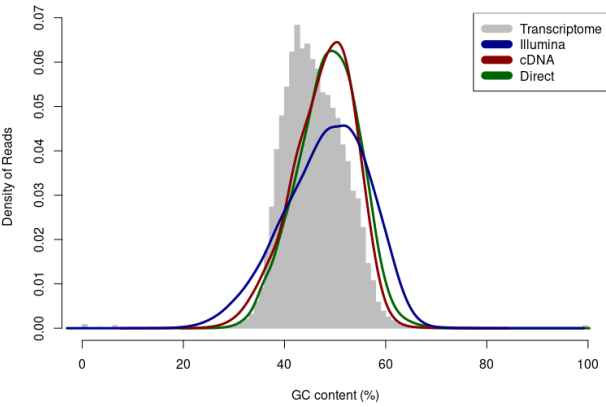


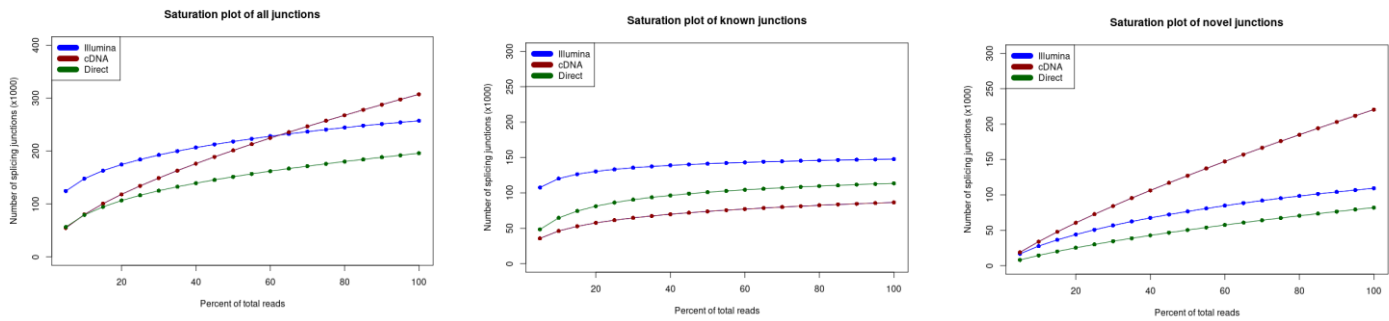
Supplemental Figures

Figure S1

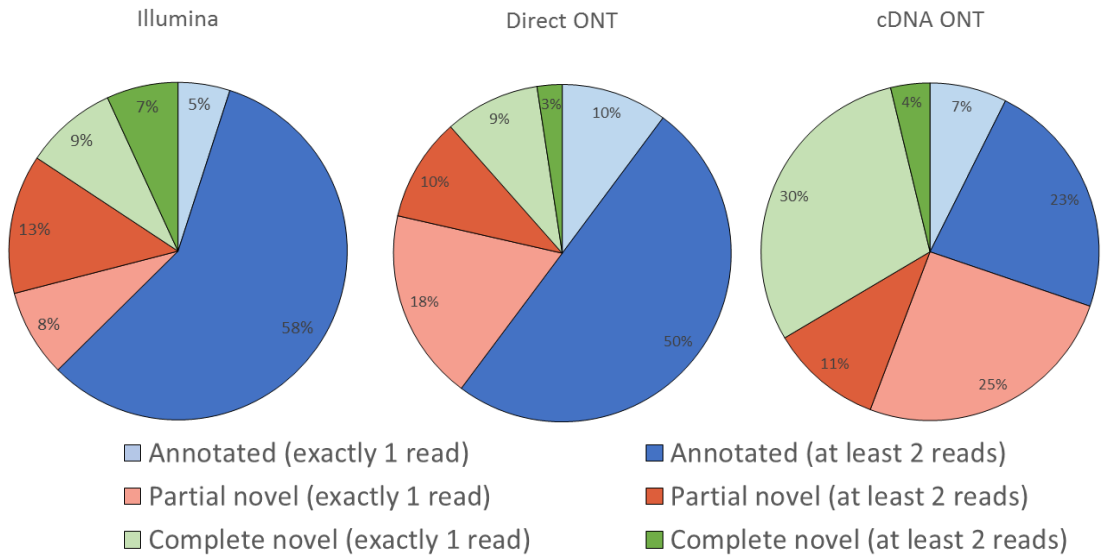
A



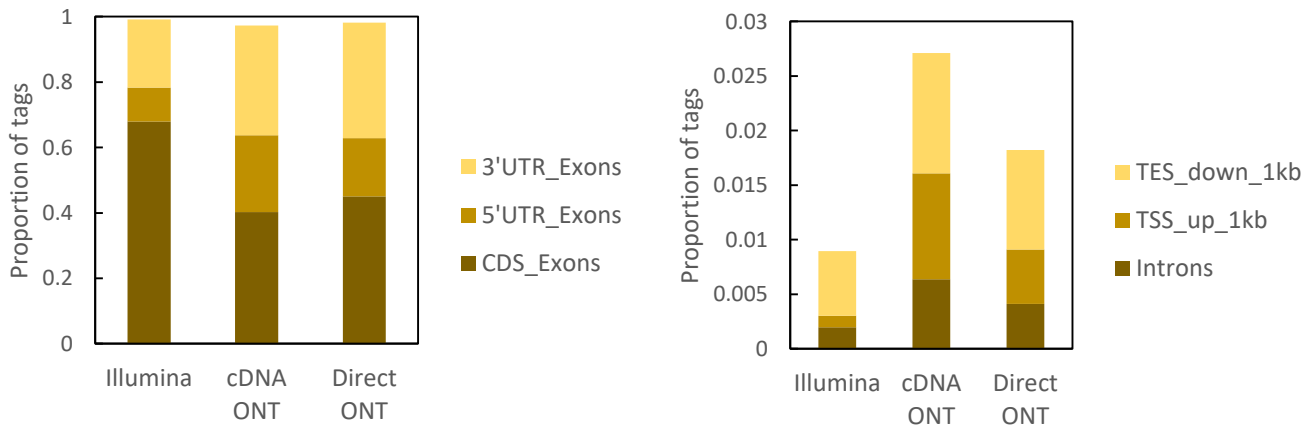
B



C



D

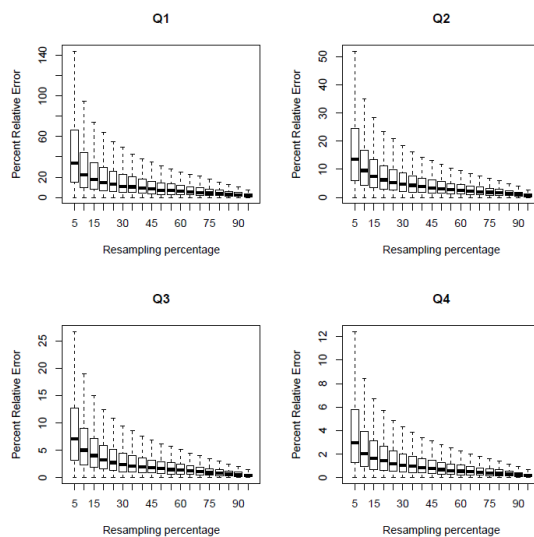
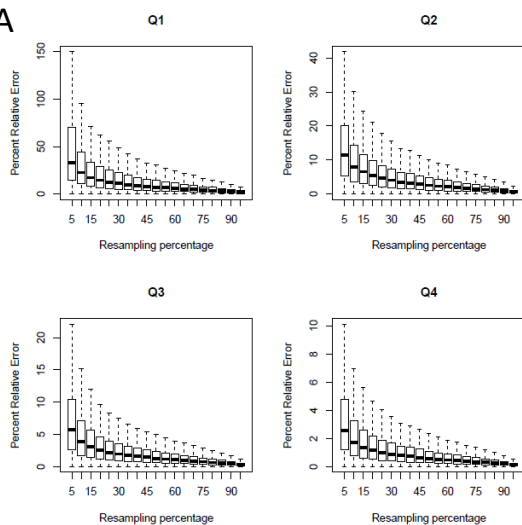


E

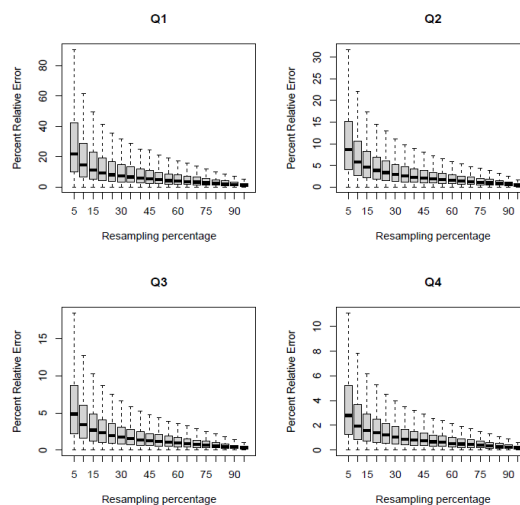
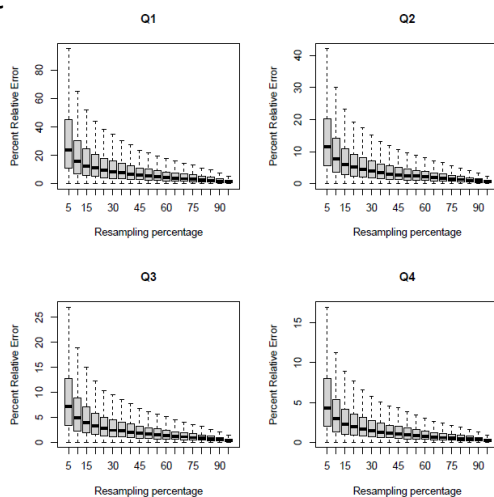
Replicate 1

Replicate 2

ONT cDNA



ONT Direct



Illumina TruSeq

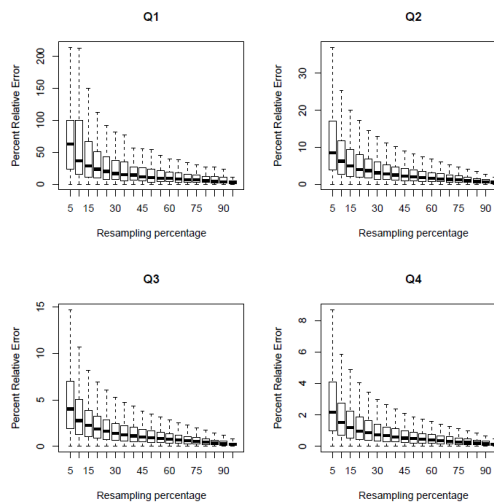
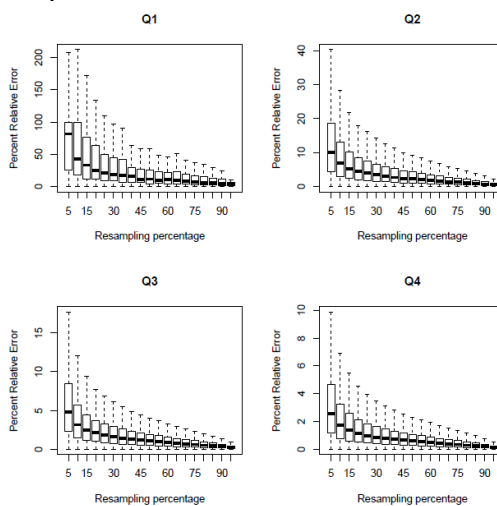
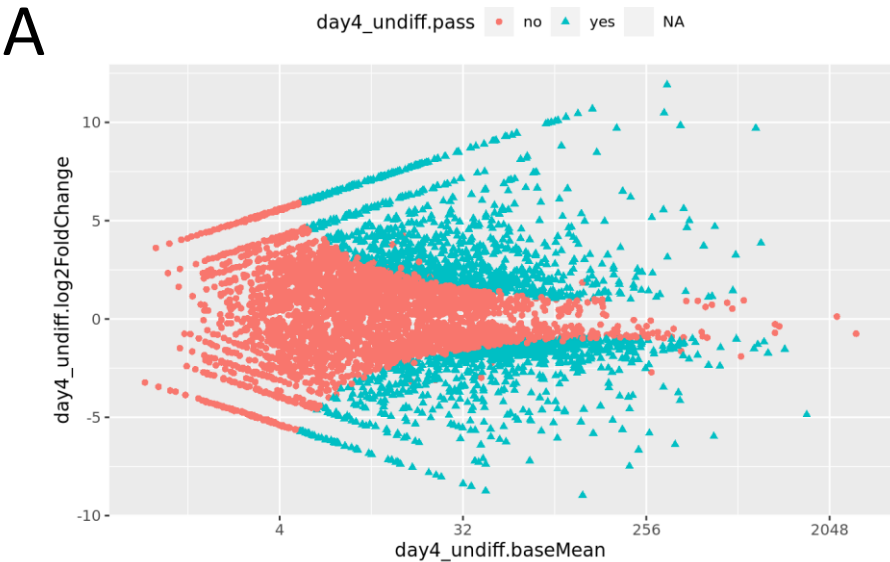
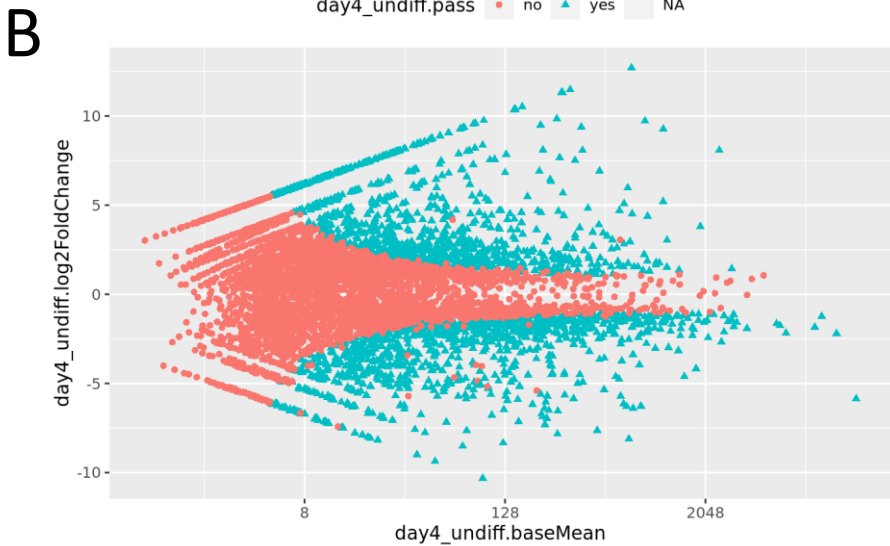


Figure S2

ONT_Direct



ONT_cDNA



TruSeq

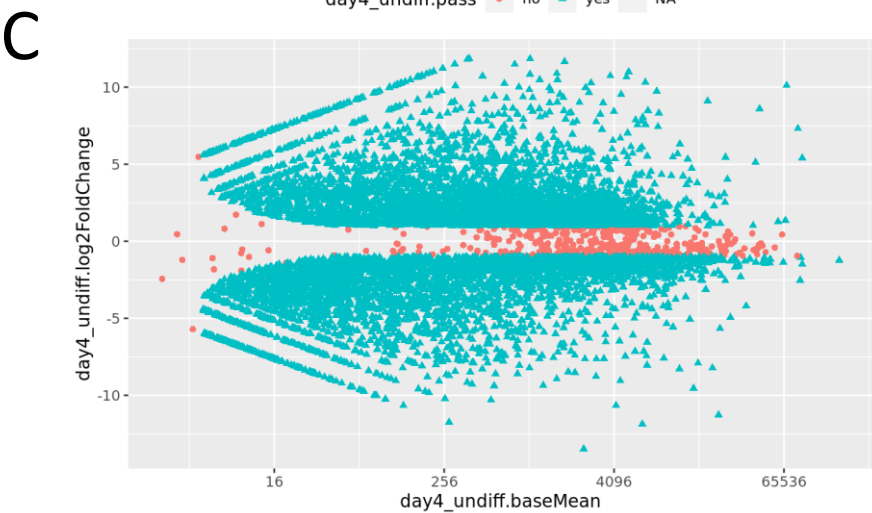
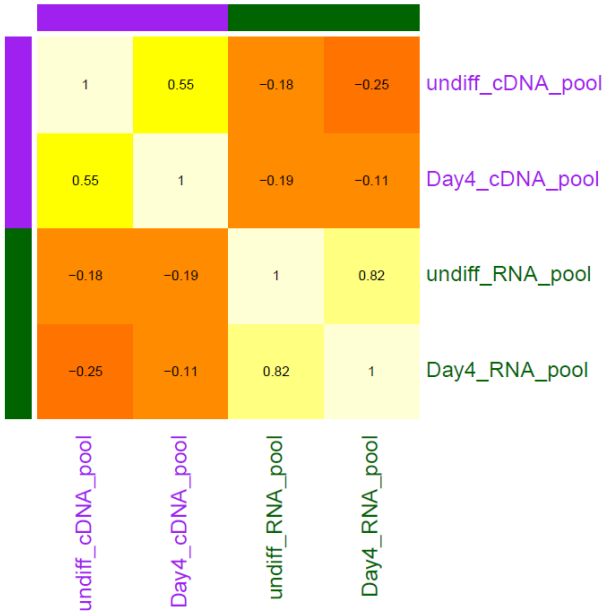


Figure S3

A

	Undiff_ONT- cDNA_pool	% From total transcripts	Day4_ONT- cDNA_pool	% From total transcripts	Undiff_ONT- Direct_pool	% From total transcripts	Day4_ONT- Direct_pool	% From total transcripts	Merged	% From total transcripts
"Known" genes (annotated genes)	11,807		12,533		11,145		11,365		12,444	
Transcripts for known gene loci	45,147		48,292		41,994		40,957		62,510	
Known transcripts (Known and ISM)	33,620	43.46%	35,792	44.43%	26,959	62.46%	26,289	62.75%	45,539	46.51%
Novel transcripts (NIC and NNC)	23,057	29.80%	24,276	30.13%	9,655	22.37%	9,266	22.12%	28,575	29.19%
"Known" transcripts (full splice match)	8,985	11.61%	10,009	12.42%	11,113	25.75%	11,458	27.35%	12,444	12.71%
ISM (incomplete splice match)	24,635	31.84%	25,783	32.00%	15,846	36.71%	14,831	35.40%	33,095	33.80%
NIC (novel in catalogue)	17,871	23.10%	18,834	23.38%	6,800	15.75%	6,491	15.49%	21,700	22.16%
NNC (novel not in catalogue)	5,186	6.70%	5,442	6.75%	2,855	6.61%	2,775	6.62%	6,875	7.02%
Antisense	8,009	10.35%	7,917	9.83%	472	1.09%	397	0.95%	8,878	9.07%
Intergenic	1,265	1.64%	875	1.09%	197	0.46%	130	0.31%	1,383	1.41%
Genomic	11,414	14.75%	11,705	14.53%	5,879	13.62%	5,811	13.87%	13,528	13.82%
Total transcripts	77,365		80,565		43,162		41,893		97,903	

B



C

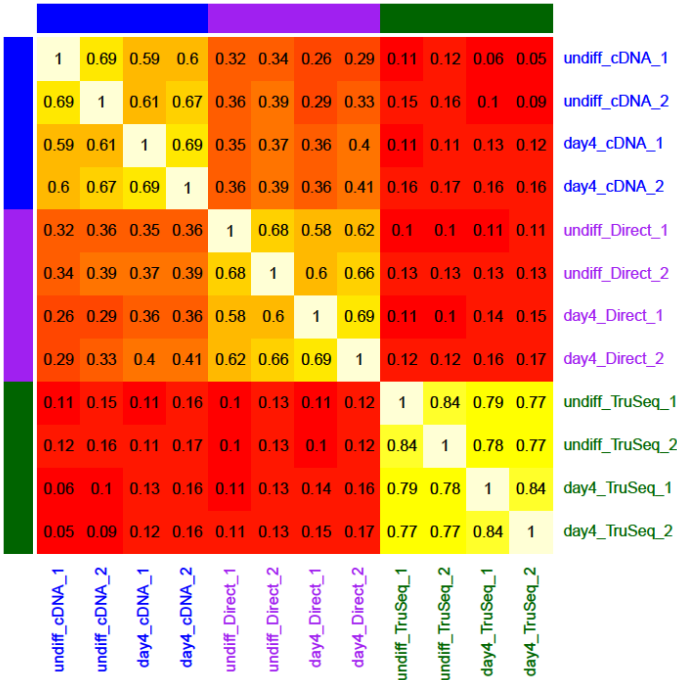


Figure S4

A

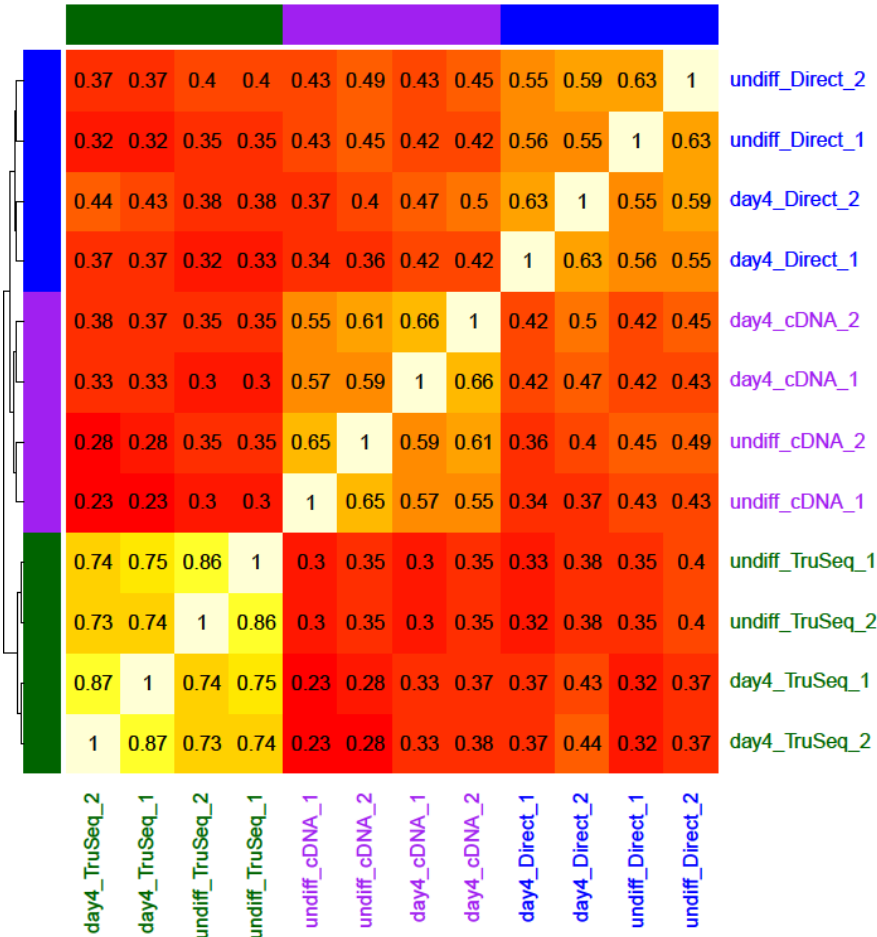


Figure S4 (Cont)

B **Aplp1**

ONT cDNA

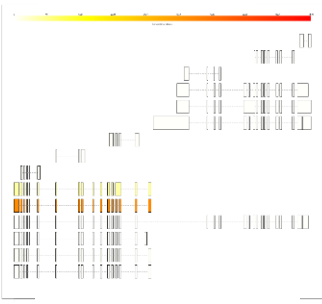
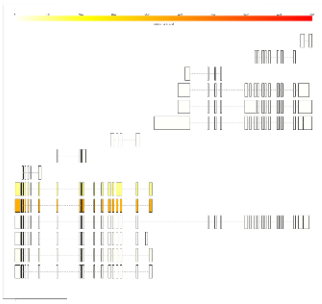
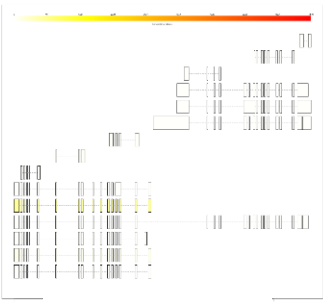
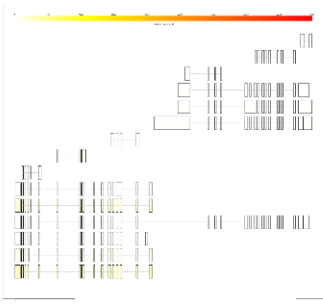
Illumina TruSeq

Day4 rep1

Day4 rep2

Day4 rep1

Day4 rep2

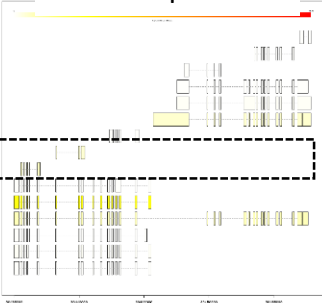
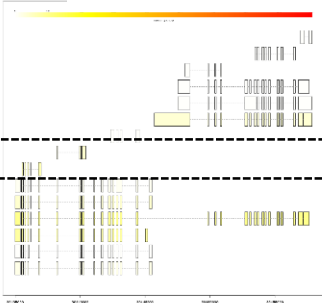
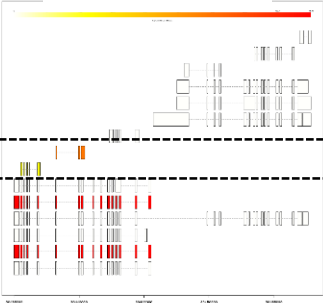
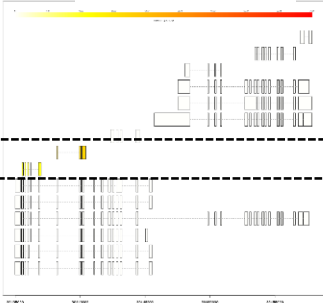


Undiff rep1

Undiff rep2

Undiff rep1

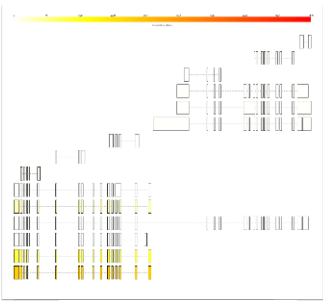
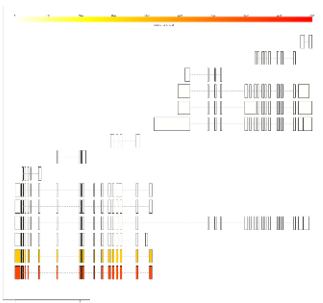
Undiff rep2



ONT Direct

Day4 rep1

Day4 rep2



Undiff rep1

Undiff rep2

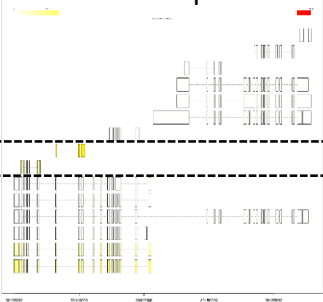
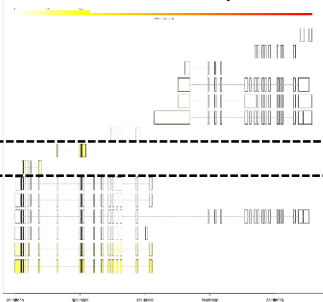
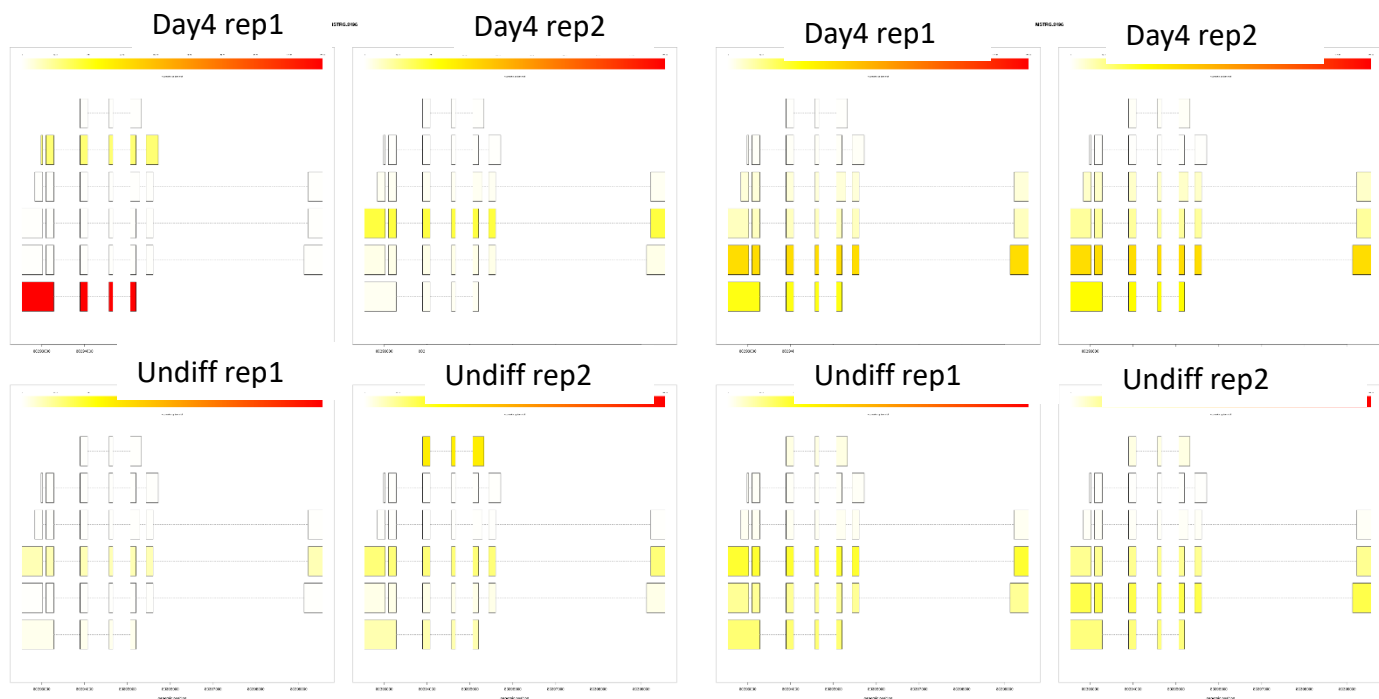


Figure S4 (Cont)

C Mbd3

ONT cDNA

Illumina TruSeq



QNT Direct

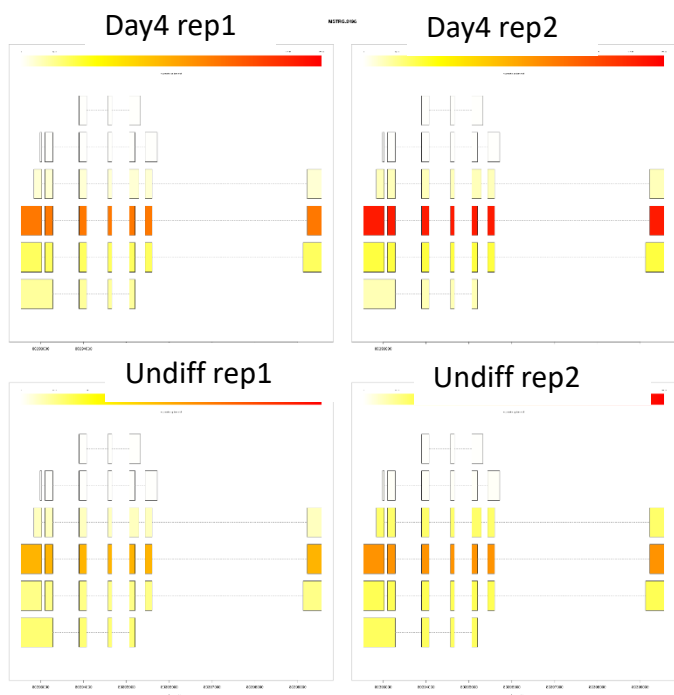


Figure S5

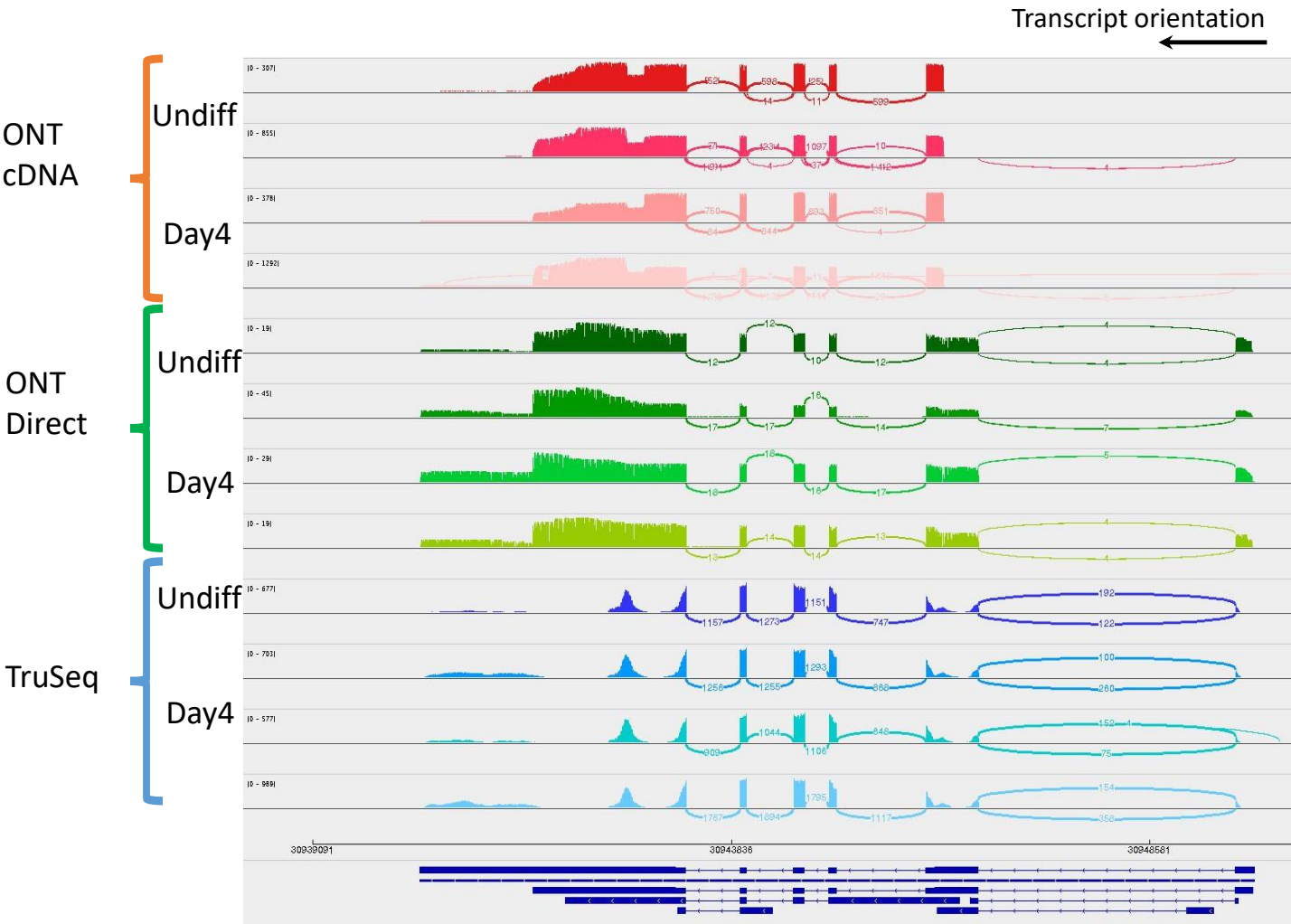


Figure S6

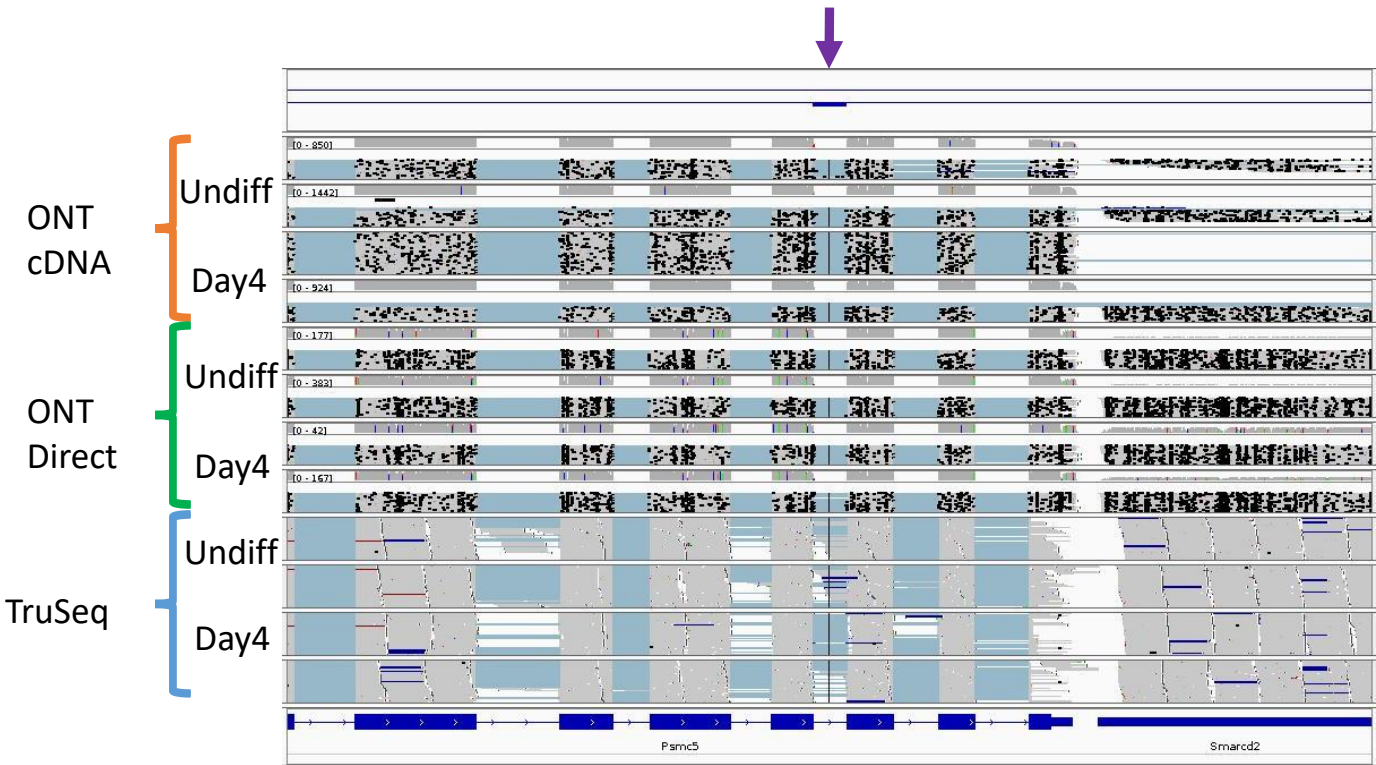


Figure S7

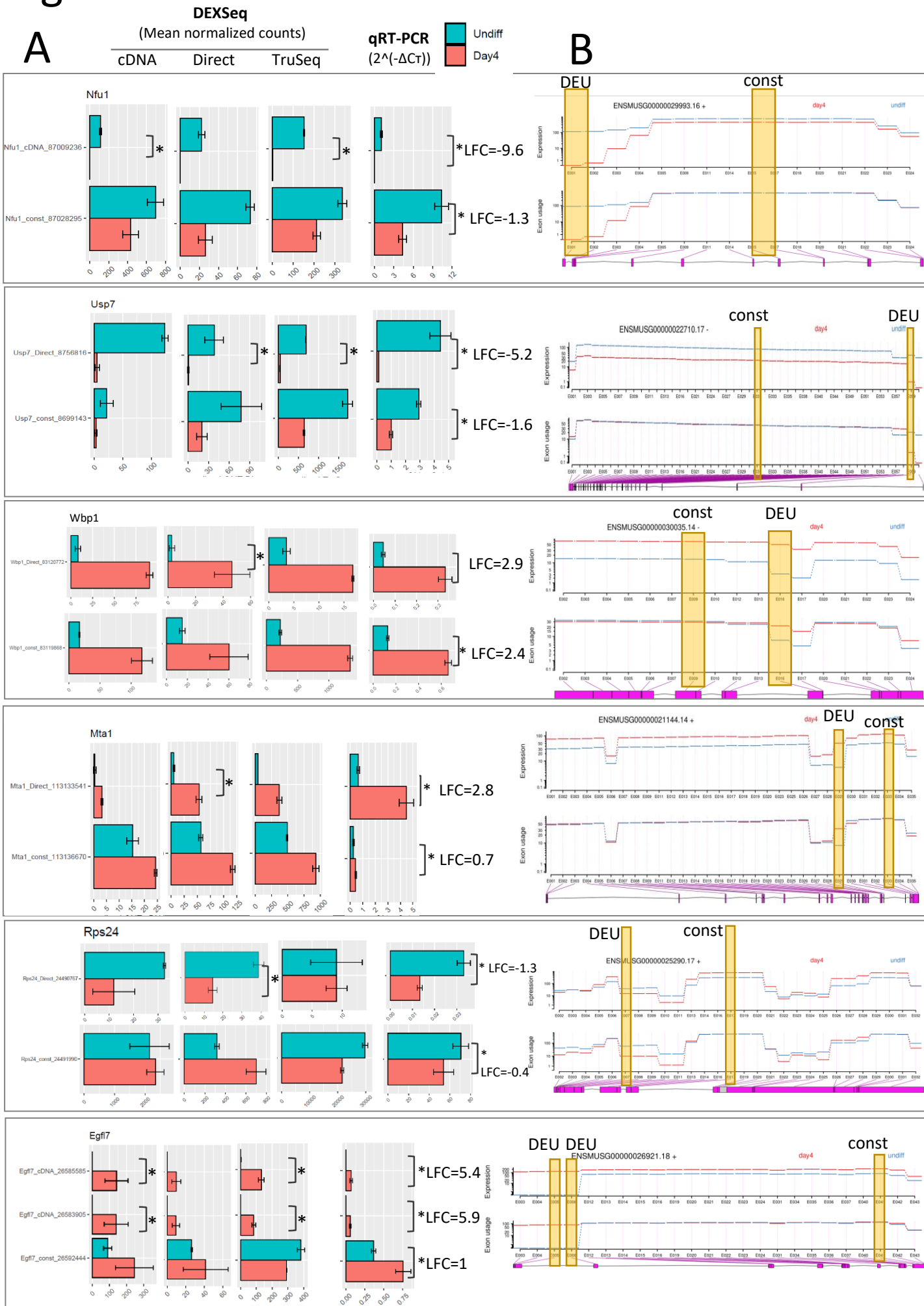


Figure S8

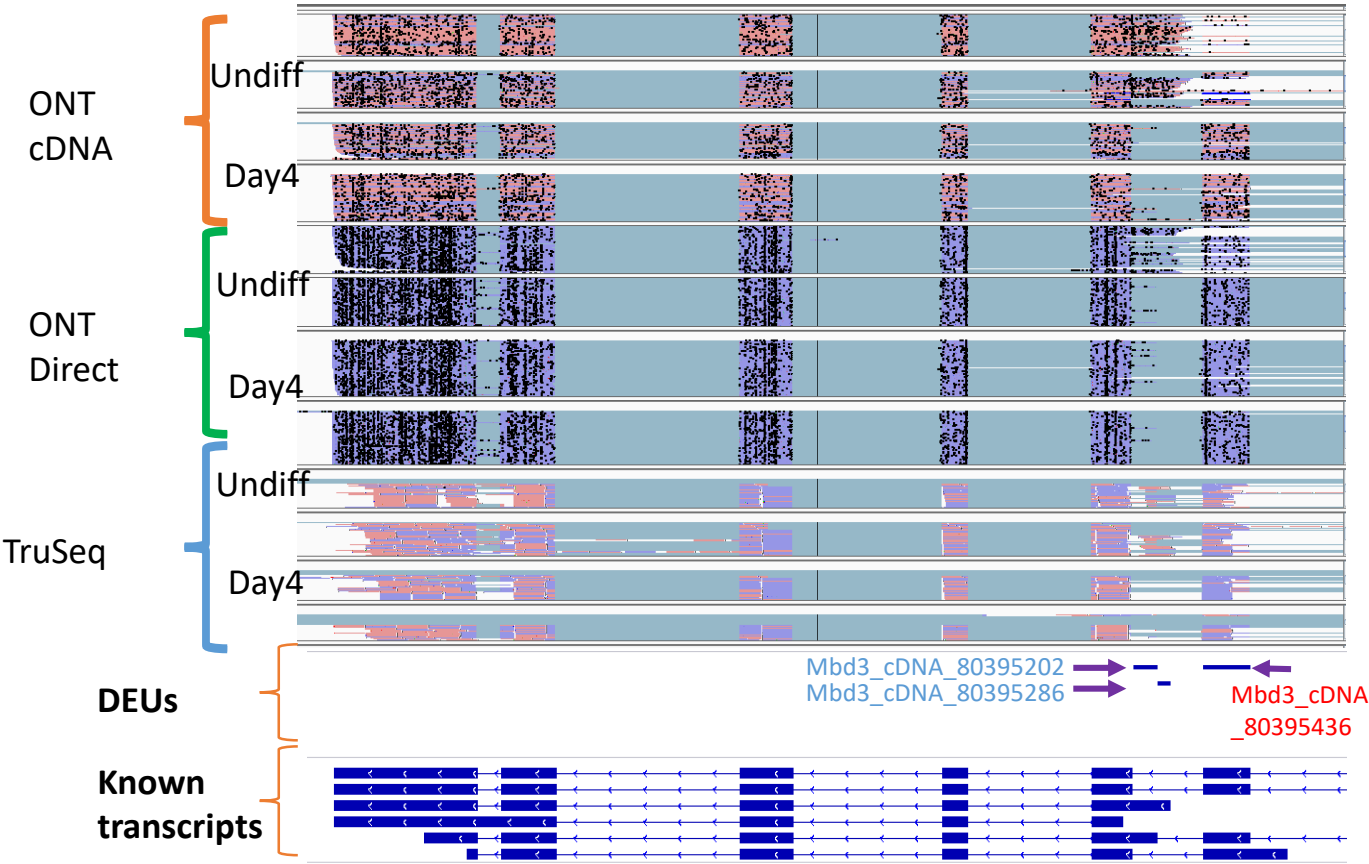


Figure S9

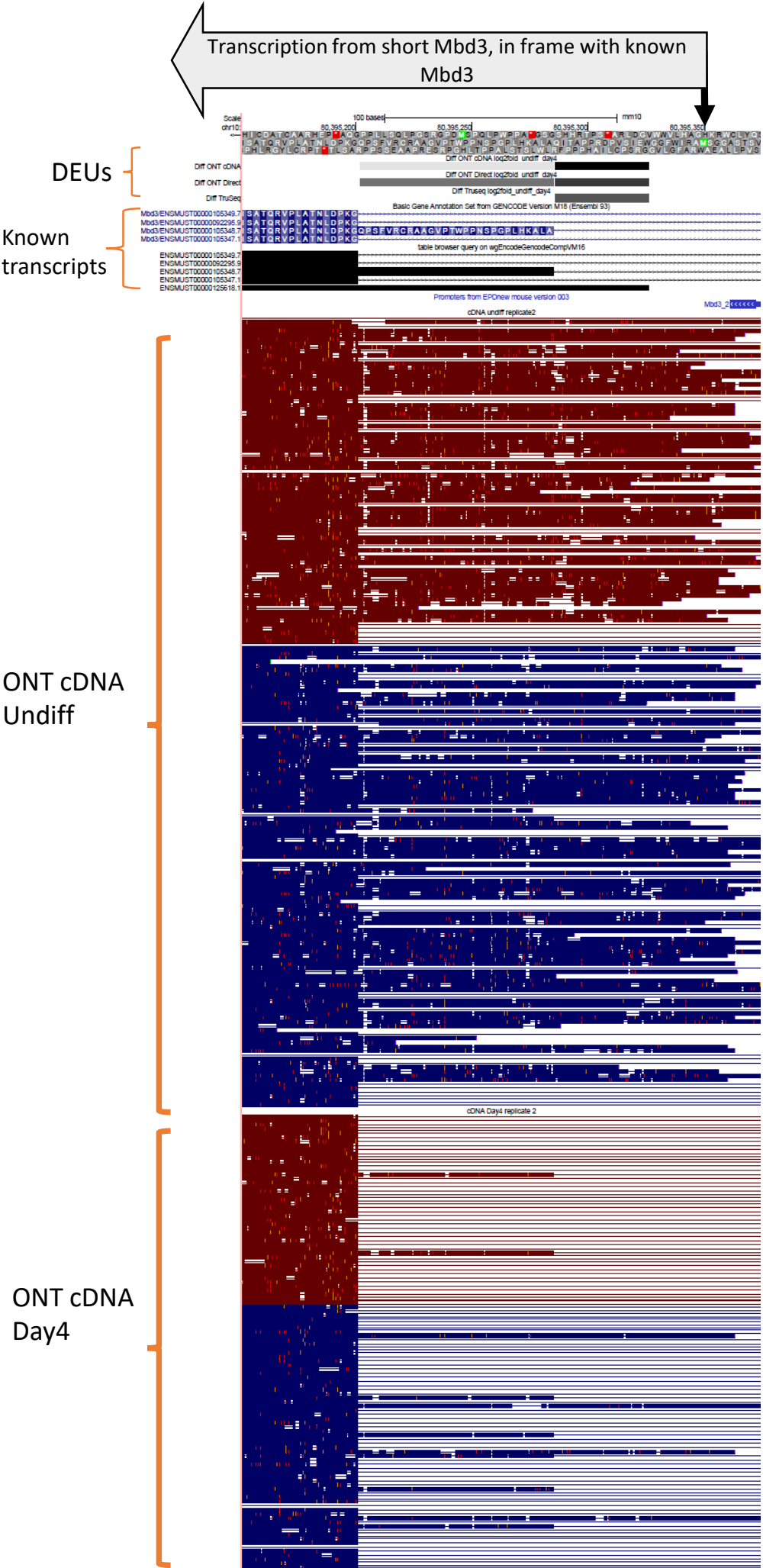


Figure S10

