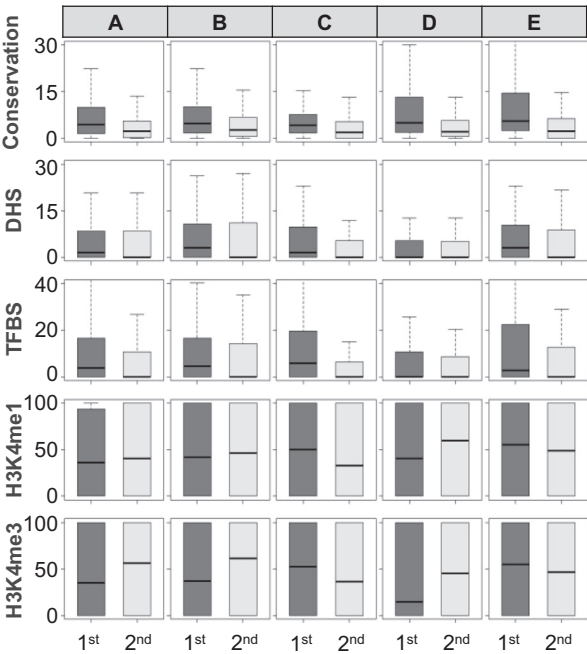


(A)



(B)

		A	B	C	D	E
Range of distance (bp)		500 ~600	600 ~700	700 ~800	800 ~900	900 ~1000
Number of 1st introns		895	482	269	177	120
Number of 2nd introns		316	336	337	293	312
One-sided Wilcoxon rank sum tests between 1 st introns and 2 nd introns in the same ranges of distance						
p-values	Conservation	0.00	0.00	0.00	0.00	0.00
	DHS	0.00	0.00	0.00	0.19	0.01
	TFBS	0.00	0.00	0.00	0.17	0.00
	H3K4me1	0.88	0.86	0.19	0.98	0.41
	H3K4me3	1.00	0.97	0.05	1.00	0.35