

SARS-CoV-2

Figure 1 is a line graph titled "Figure 1: Average number of reads (Ravg) versus Position (0 to 250) for two methods: ANCHOR2 (blue line) and RPro2 (red line). The y-axis is labeled "Ravg" and ranges from 0 to 1.0. The x-axis is labeled "Position" and ranges from 0 to 250. The ANCHOR2 method (blue line) shows a relatively stable performance, starting around 0.4, dipping slightly to 0.35 around position 50, and then gradually increasing to about 0.5 at position 250. The RPro2 method (red line) shows high variability, with several peaks reaching up to 0.8 and troughs dropping to 0.0. It starts around 0.4, peaks at 0.8 around position 20, drops to 0.0 around position 40, and then fluctuates between 0.0 and 0.2 for the remainder of the position range.

The graph displays the performance of two variant calling tools, ANCHOR2 and JPhred, across a genomic region. The x-axis represents the 'Position' from 0 to 200, and the y-axis represents the 'Score' from 0 to 1. A horizontal line at a score of 0.5 indicates a threshold. ANCHOR2 (blue line) shows a significant increase in score starting around position 100, peaking near 0.6, while JPhred (red line) remains mostly below 0.2.

Line graph showing the scores of ANCHOR2 (blue line) and ILPost2 (red line) across a position range from 0 to 90. The y-axis represents the Score from 0 to 1.0. A horizontal line is drawn at Score = 0.5. Both models show low scores until position 40, after which they both increase. ILPost2 generally achieves higher scores than ANCHOR2 in the latter half of the sequence.

Position	ANCHOR2 Score	ILPost2 Score
0	0.00	0.00
10	0.00	0.00
20	0.00	0.00
30	0.00	0.00
40	0.02	0.02
45	0.05	0.05
50	0.08	0.15
55	0.12	0.25
60	0.15	0.28
65	0.18	0.30
70	0.22	0.25
75	0.25	0.28
80	0.28	0.30
85	0.30	0.35
90	0.32	0.40

Position	ANCHOR2	ILPro2 (long)
0	0.15	0.00
1	0.05	0.00
2	0.00	0.00
3	0.00	0.00
4	0.00	0.00
5	0.00	0.00
6	0.00	0.00
7	0.00	0.00
8	0.00	0.00
9	0.00	0.00
10	0.00	0.00
11	0.00	0.00
12	0.00	0.00
13	0.00	0.00
14	0.00	0.00
15	0.00	0.00
16	0.00	0.00
17	0.00	0.00
18	0.00	0.00
19	0.00	0.00
20	0.00	0.00
21	0.00	0.00
22	0.00	0.00
23	0.00	0.00
24	0.00	0.00
25	0.00	0.00
26	0.00	0.02
27	0.00	0.05
28	0.00	0.05
29	0.00	0.05
30	0.00	0.05
31	0.00	0.05
32	0.00	0.05
33	0.00	0.05
34	0.00	0.15
35	0.00	0.00