

Figure S1 Distribution of viral small interfering RNAs (reads) from the 1B, 2A, and 3K samples.

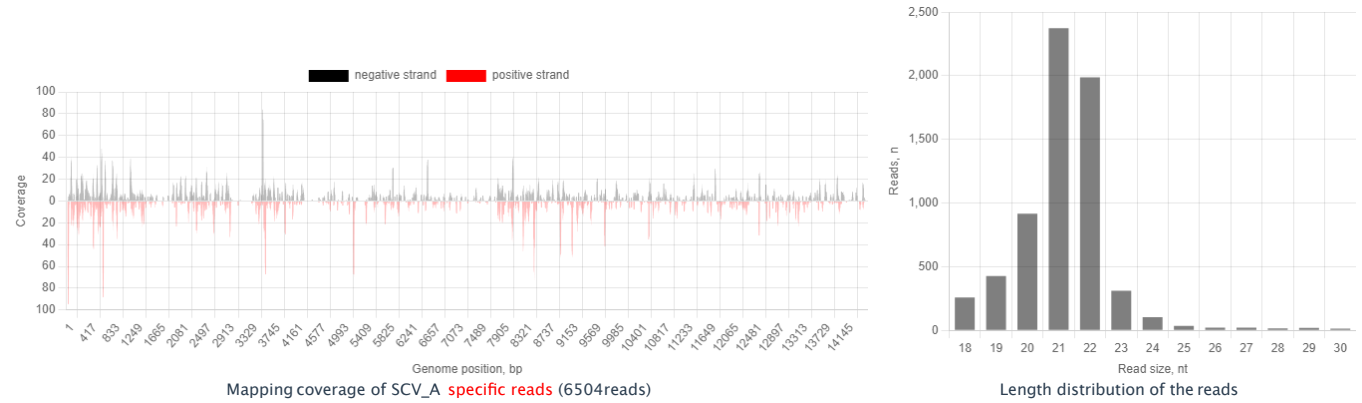
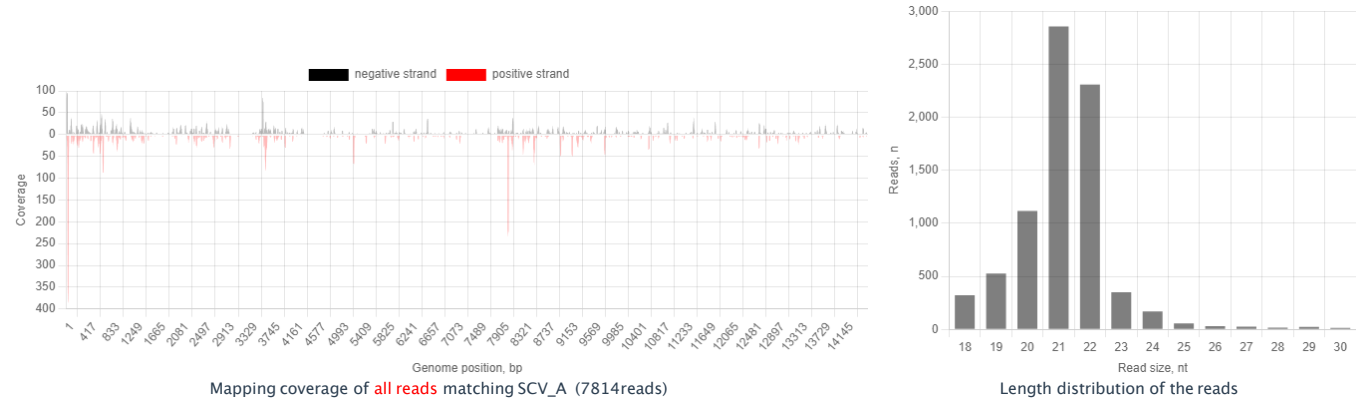
Datasets were named after respective plant with an addition of a number suffix, i.e 1B1, 1B2 and so on.

Color legends show strand specificity of the mapped reads. Axes of abscissas show genomic position in nucleotides, axes of ordinates show sequence (mapping) coverage. Termini direction is from 5' to 3' (left to right).

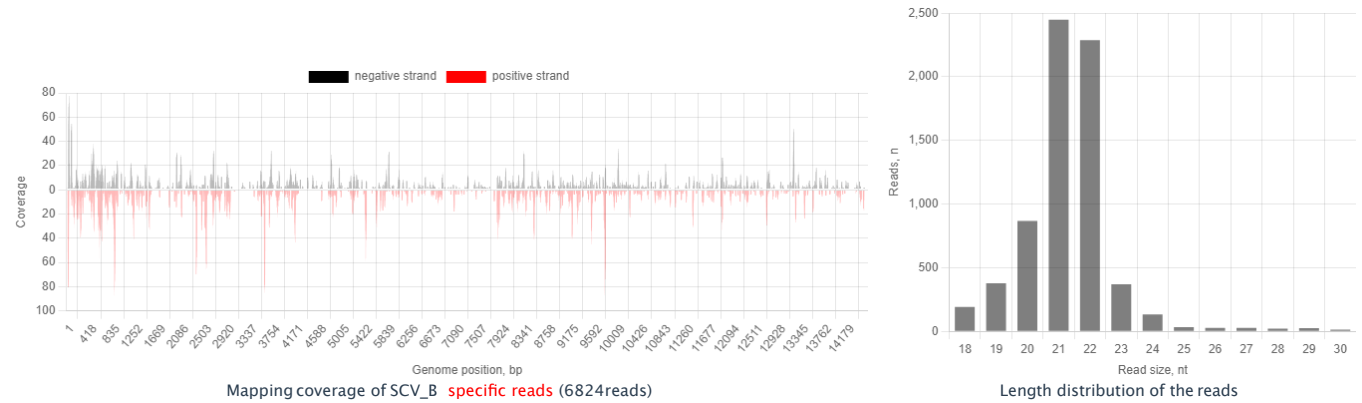
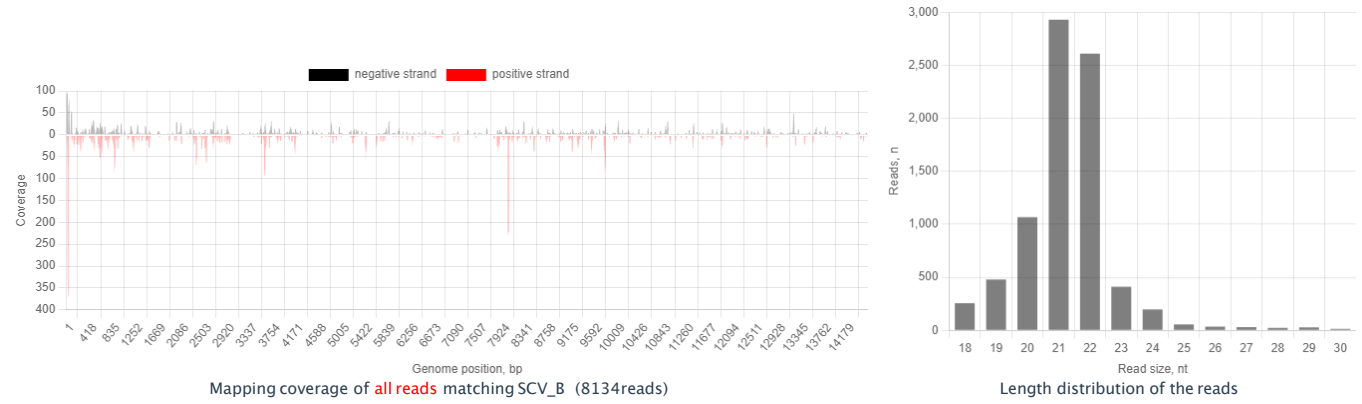
qPCR detection: all strawberry crinkle (SCV), strawberry mottle virus (SMoV) and strawberry virus 1 (StrV1) strains were detected in all samples

Mappings of the 1B_1 reads against the viral references.

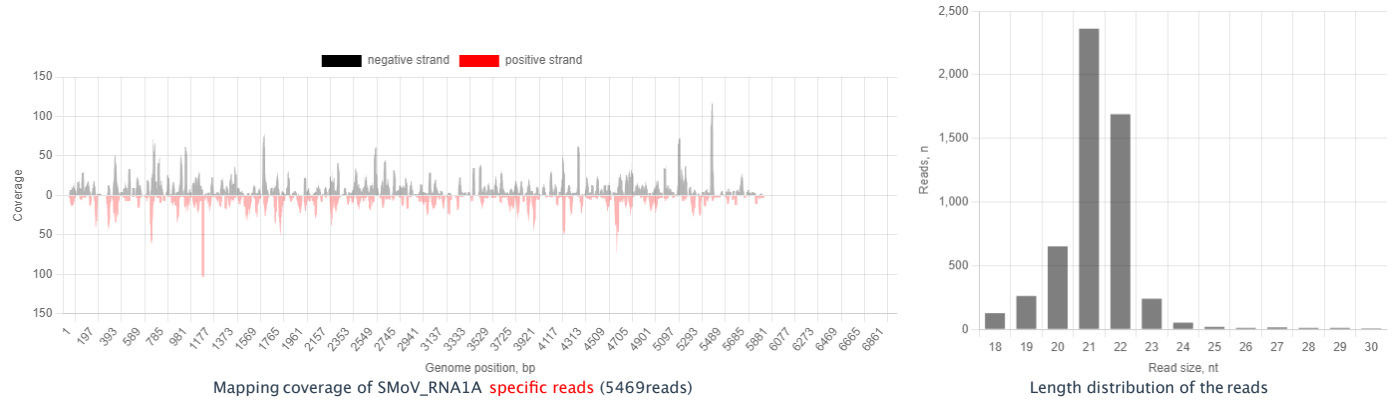
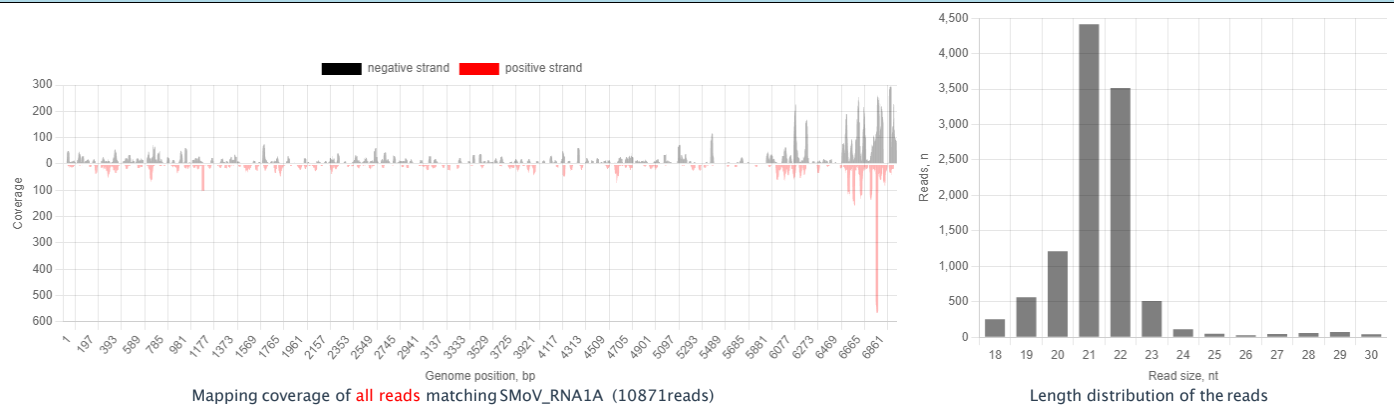
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SCV	SCV_A	7814	0.078	53.7	0.8	55.9	6504	83.2	44.7



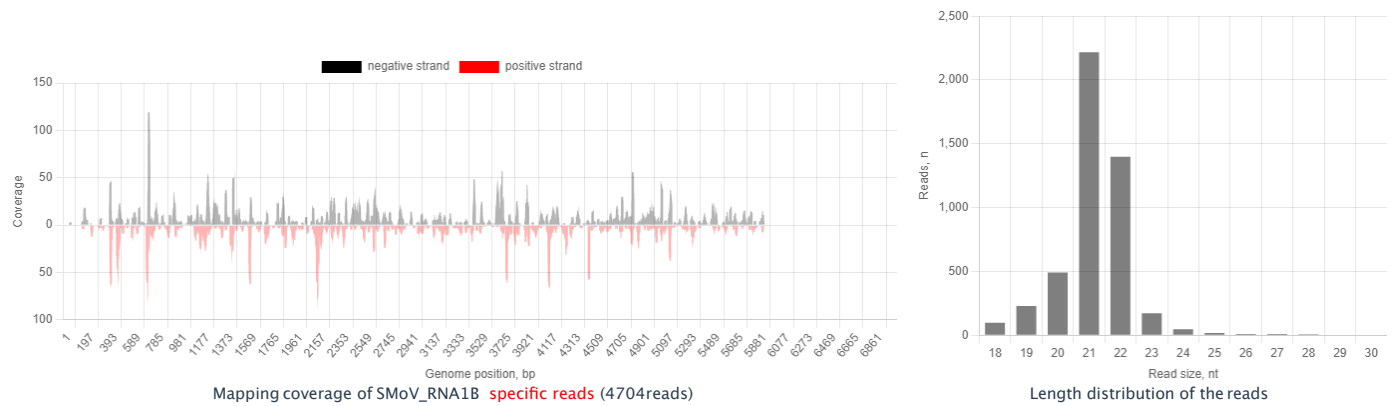
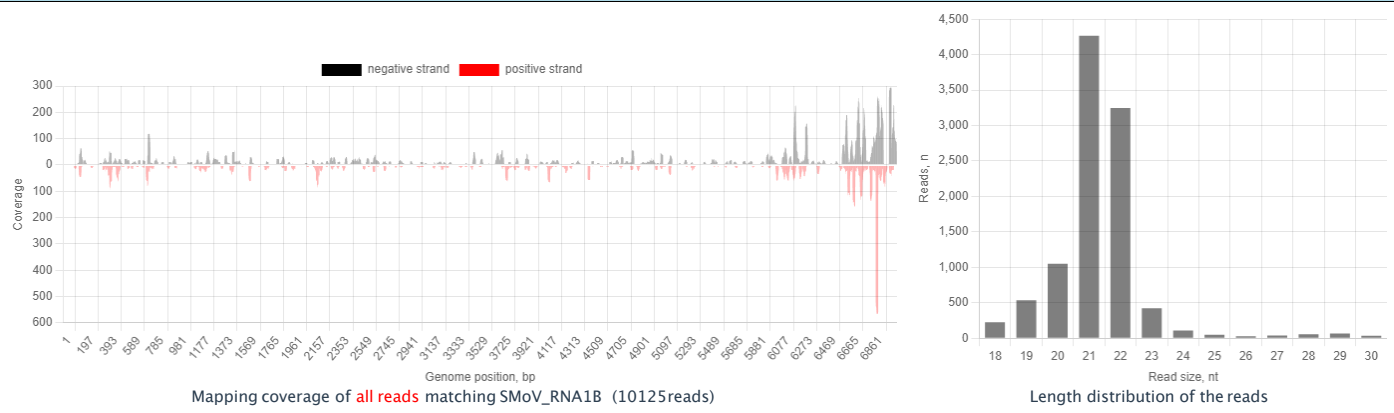
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SCV	SCV_B	8134	0.081	55.9	0.7	55.2	6824	83.9	46.9



Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SMoV	SMoV_RNA1A	10871	0.109	154.5	1.5	40.2	5469	50.3	77.7

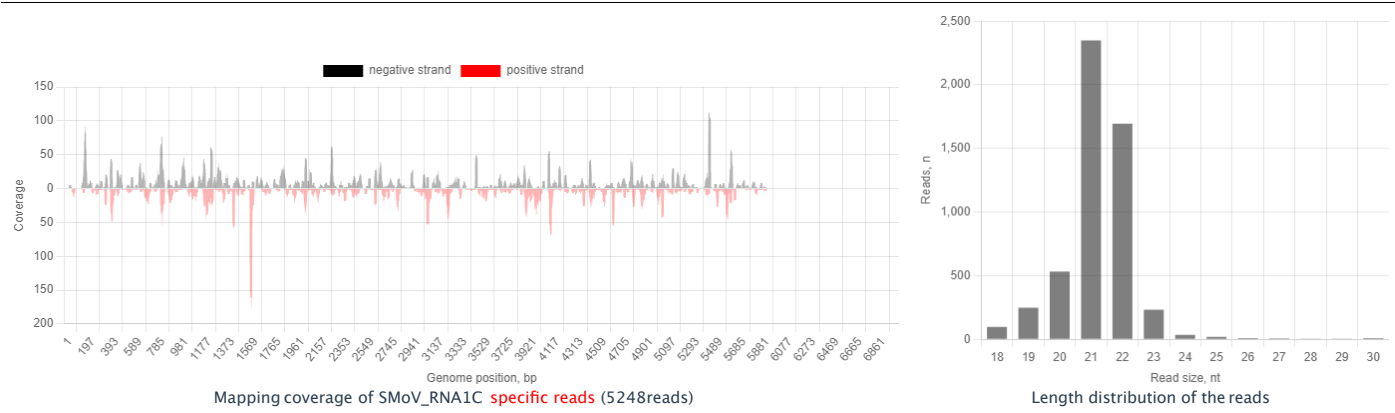
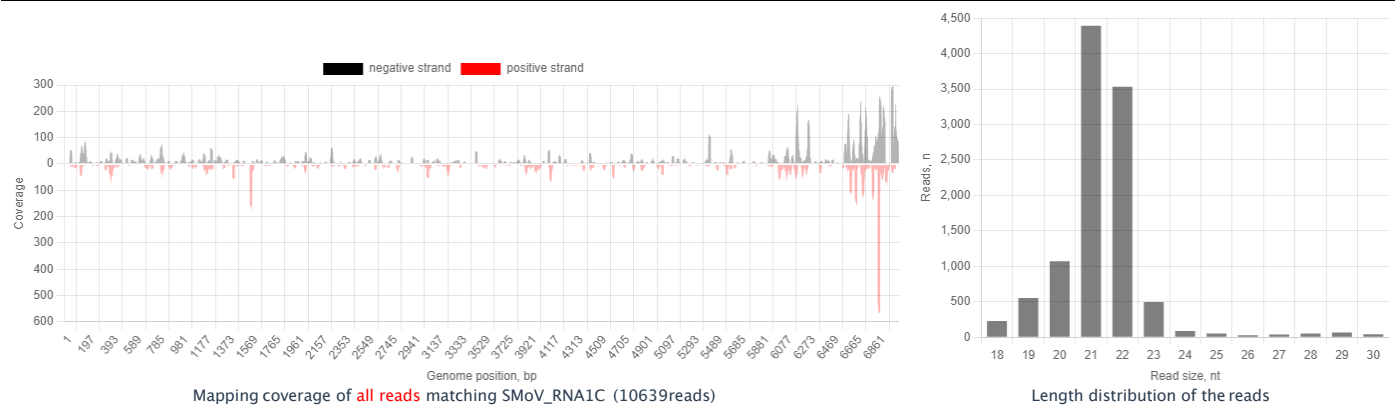


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SMoV	SMoV_RNA1B	10125	0.101	143.6	1.4	39.1	4704	46.5	66.7

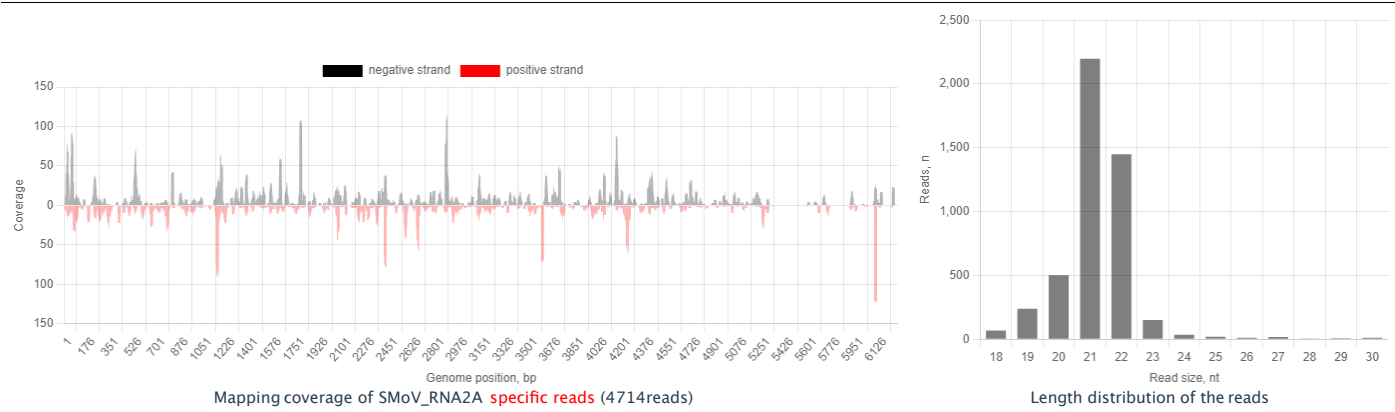
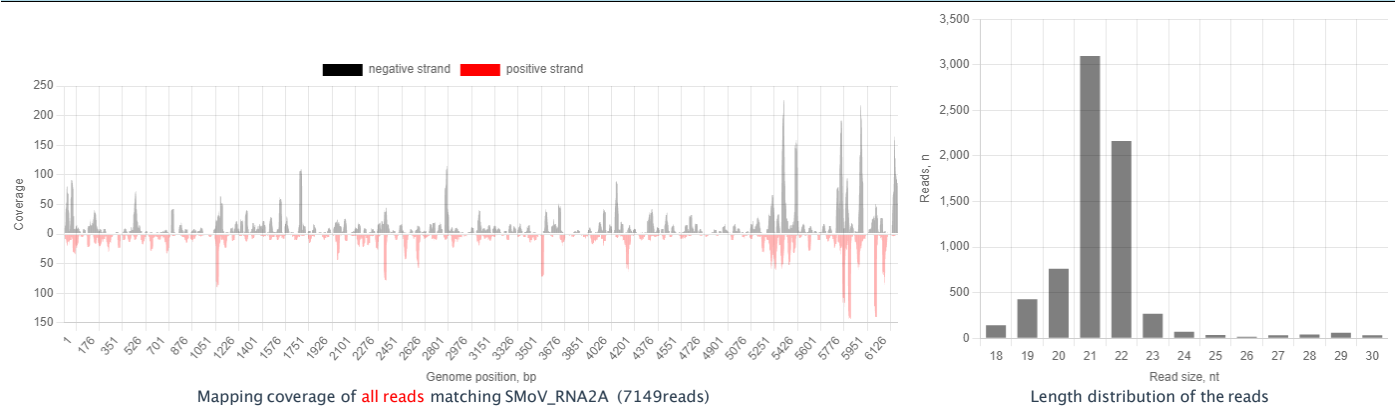


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SMoV	SMoV_RNA1C	10639	0.106	151.1	1.3	39.4	5248	49.3	74.5

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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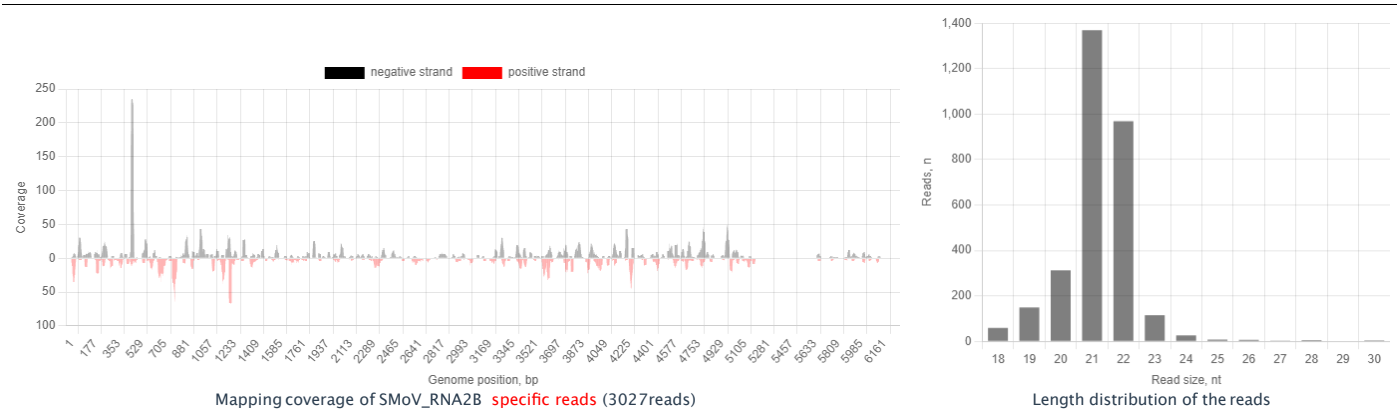
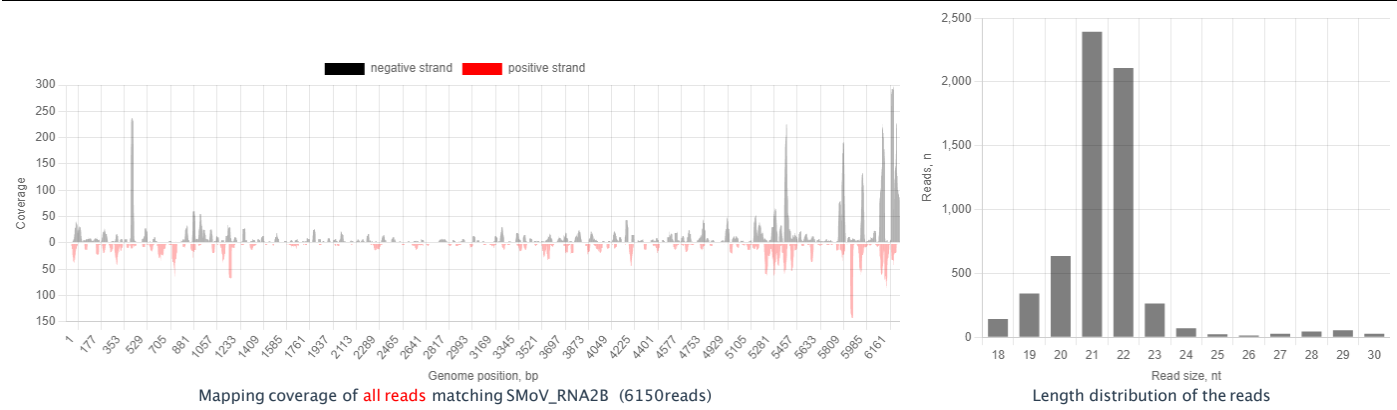


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SMoV	SMoV_RNA2A	7149	0.071	114.1	1.5	43.4	4714	65.9	75.2

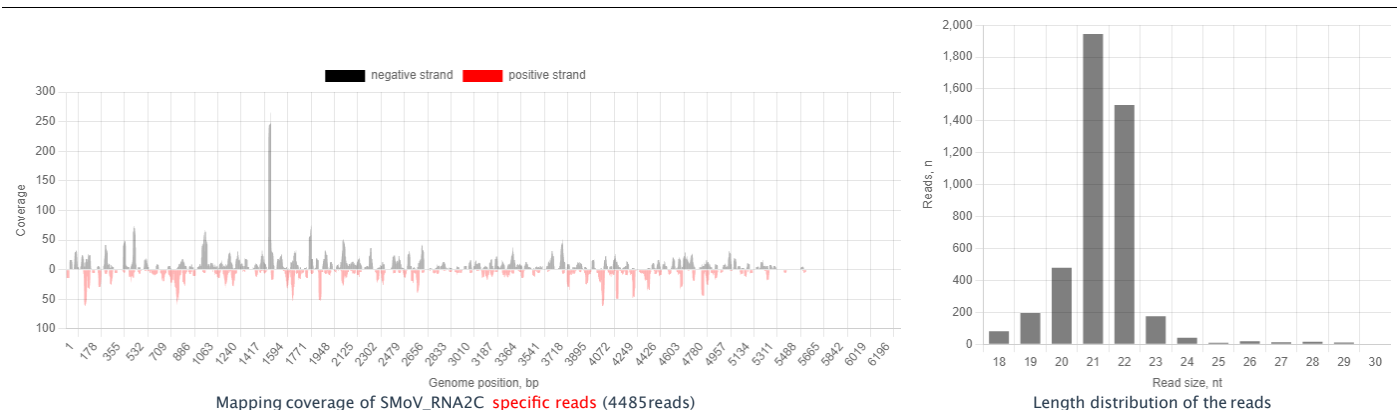
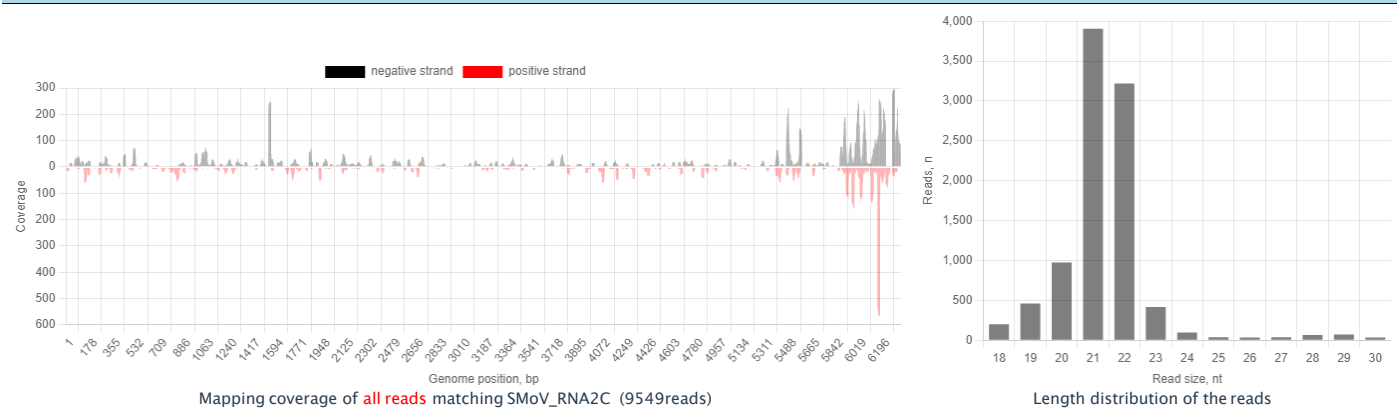


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SMoV	SMoV_RNA2B	6150	0.061	97.3	1.6	43.7	3027	49.2	47.9

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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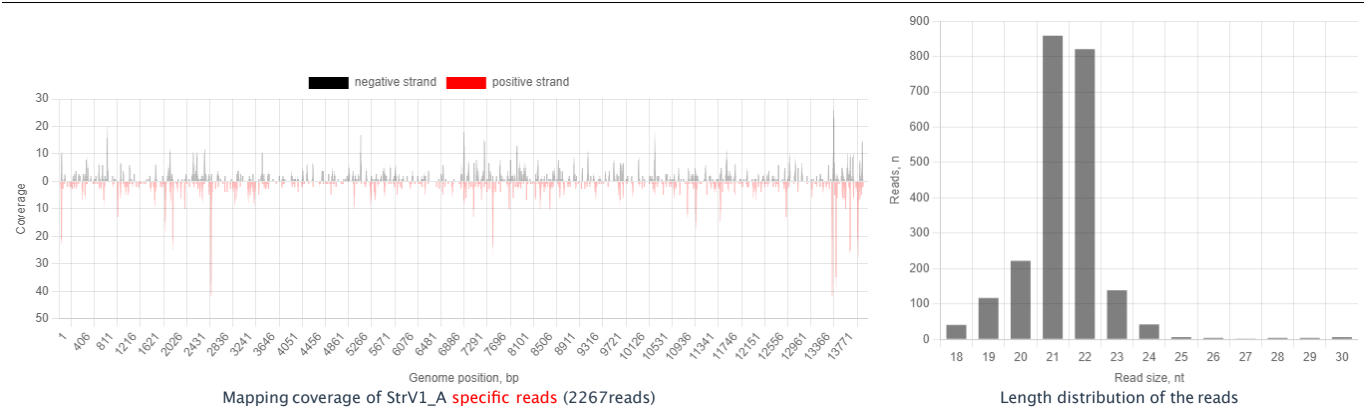
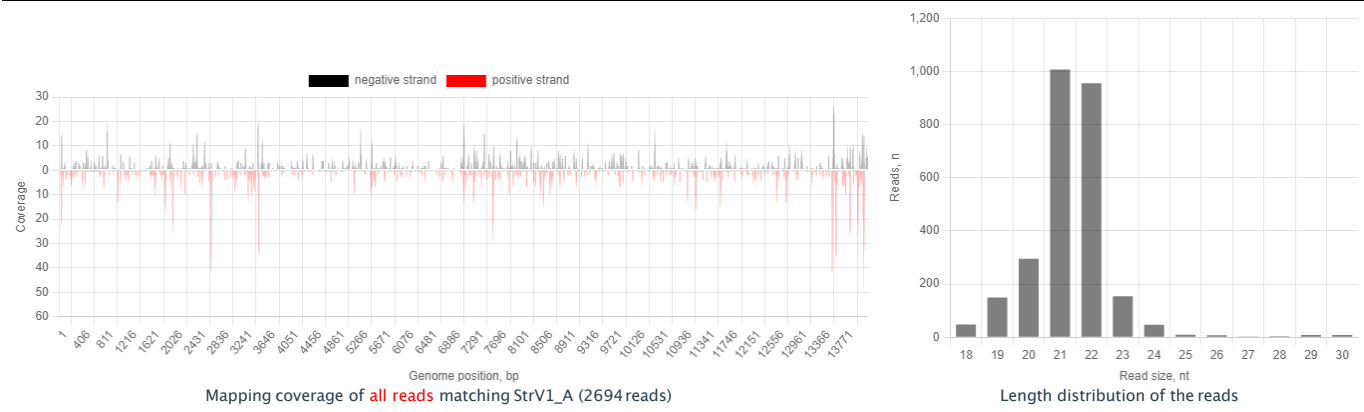


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	SMoV	SMoV_RNA2C	9549	0.095	150.7	1.5	38.4	4485	47.0	70.8

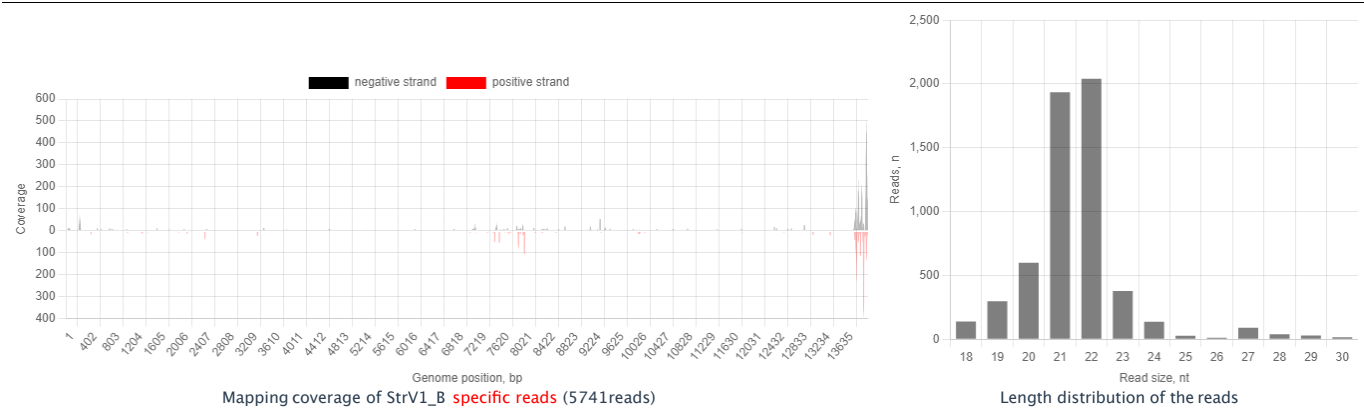
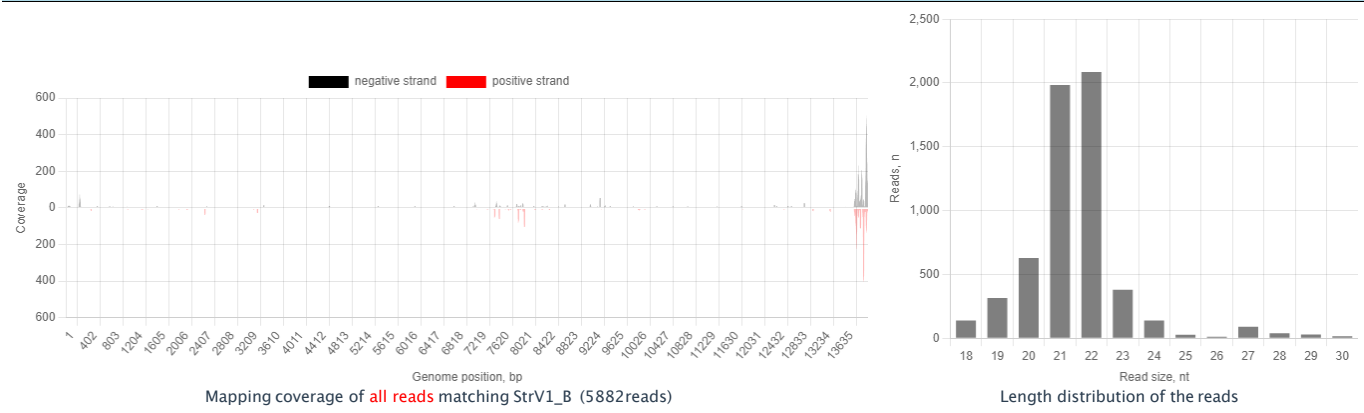


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	StrV1	StrV1_A	2694	0.027	19.0	0.9	65.8	2267	84.1	16.0

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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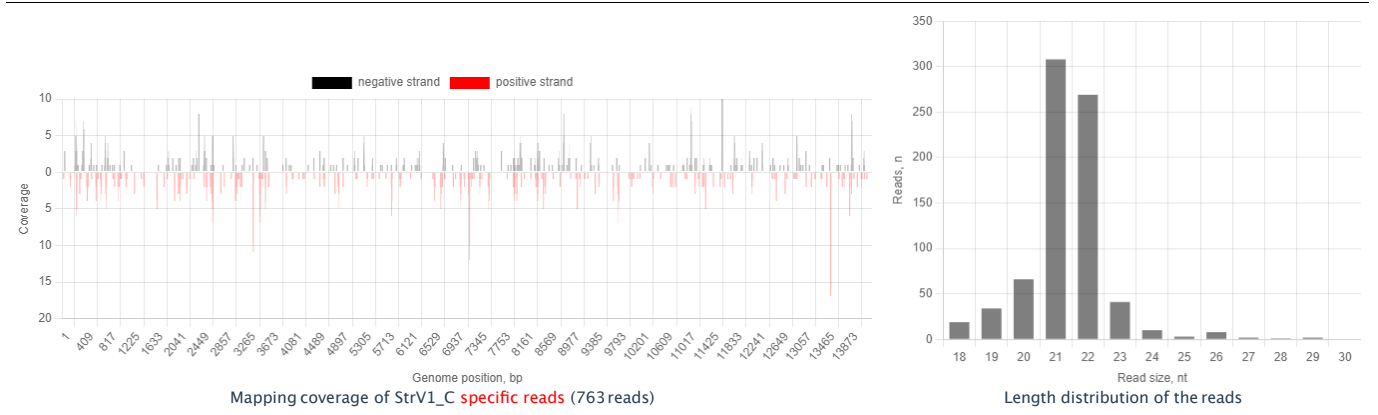
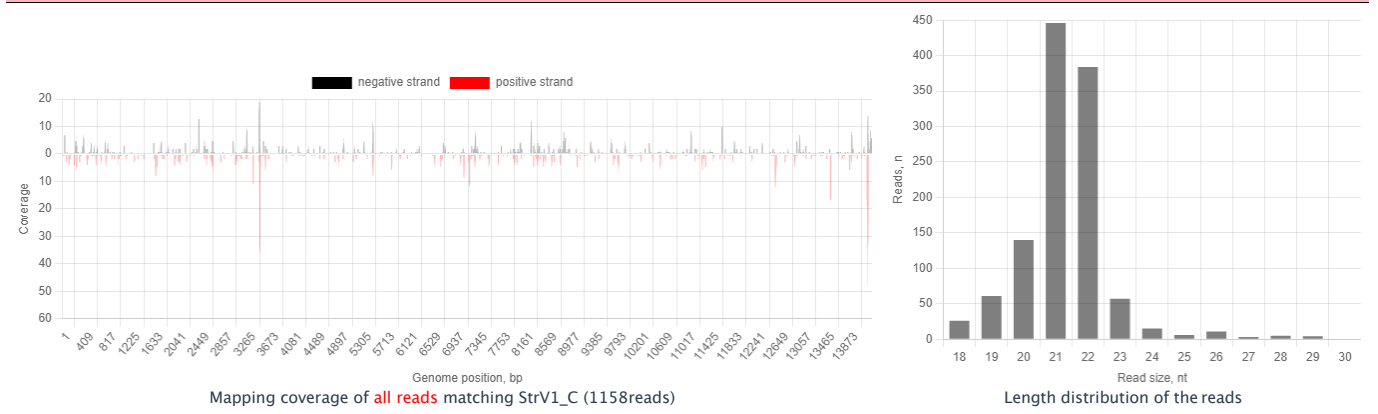


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	StrV1	StrV1_B	5882	0.059	41.9	1.1	43.7	5741	97.6	40.9



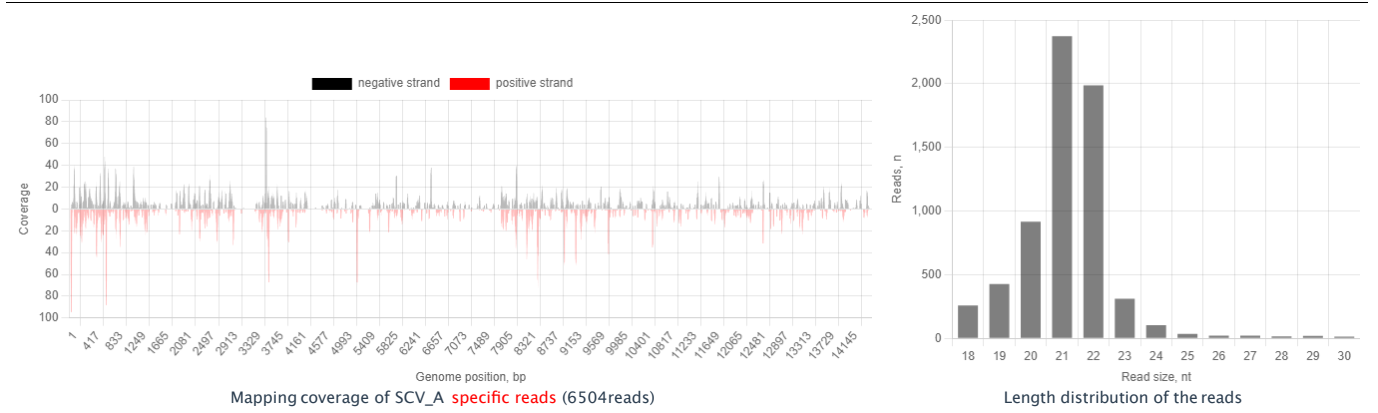
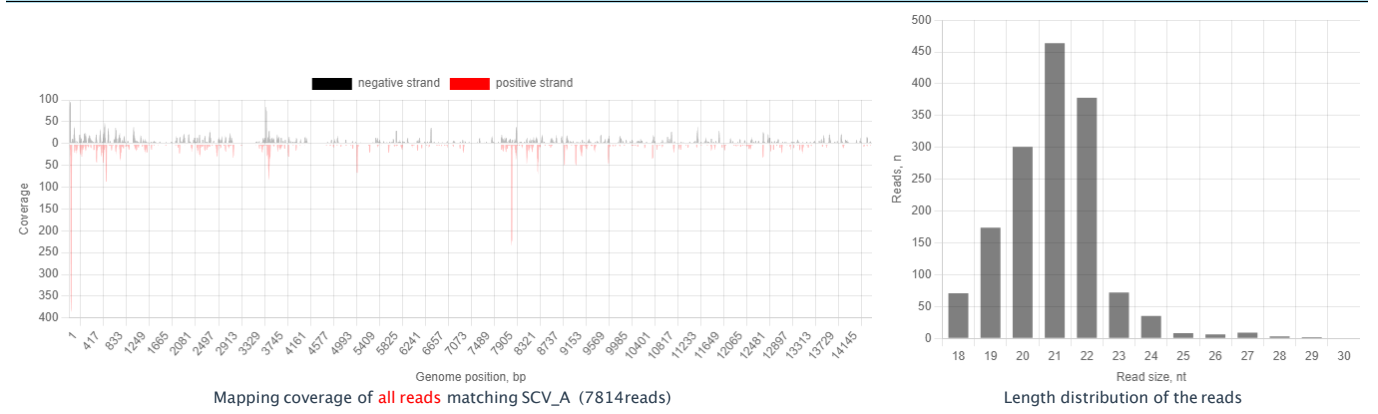
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_1	10000000	StrV1	StrV1_C	1158	0.012	8.1	0.9	68.7	763	65.9	5.4

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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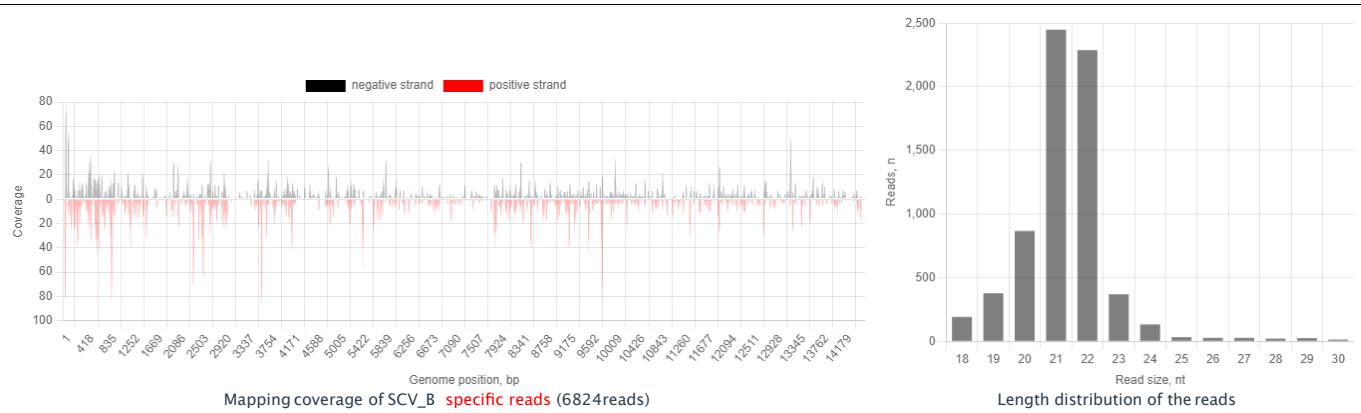
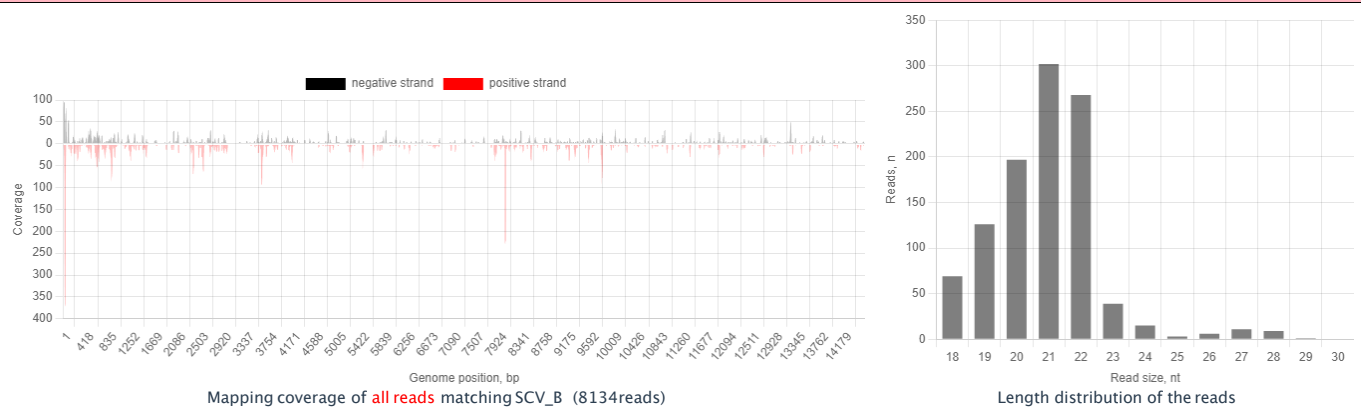
Mappings of the 1B_2 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SCV	SCV_A	1523	0.015	10.5	0.8	46.7	6504	427.1	9.0

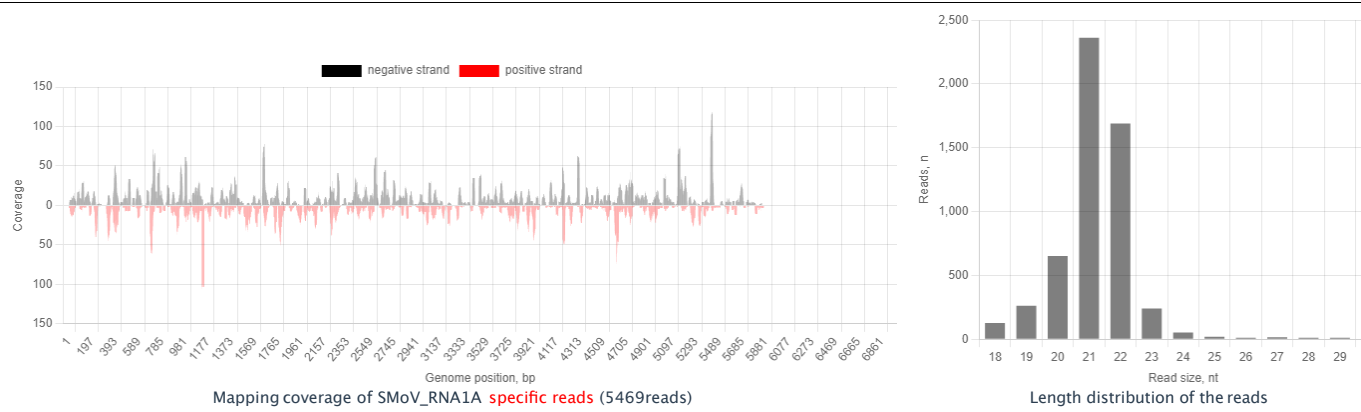
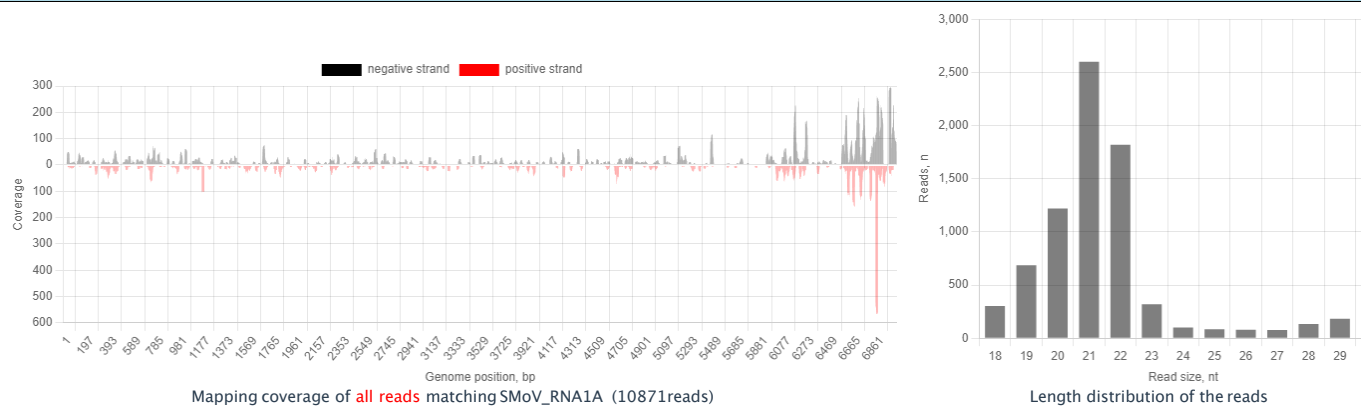


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SCV	SCV_B	1046	0.010	7.2	0.6	45.4	6824	652.4	5.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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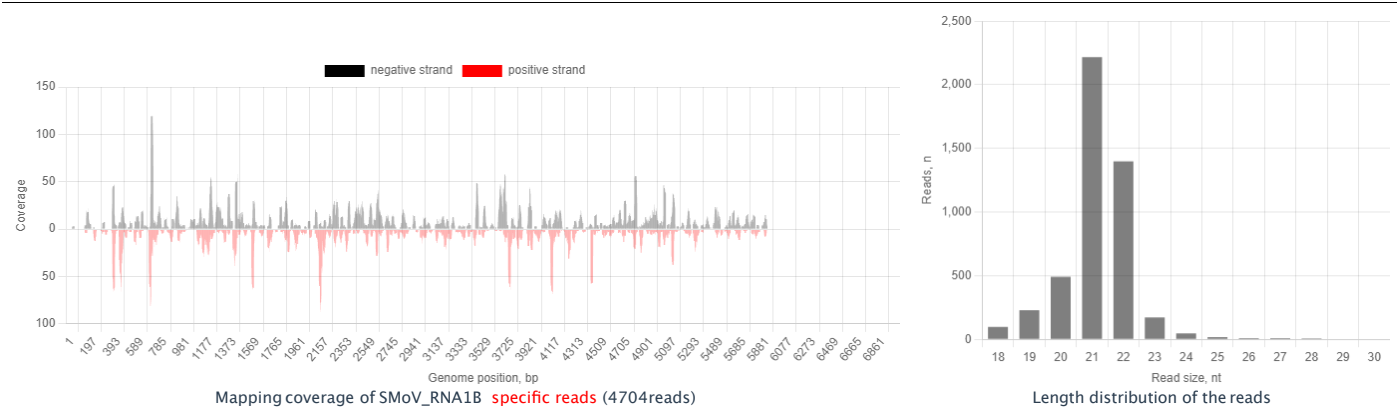
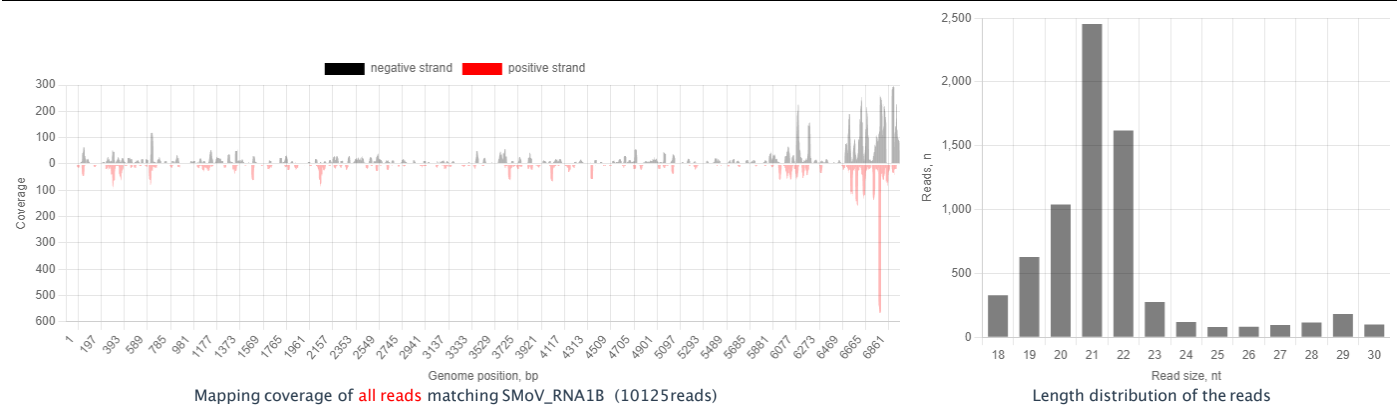


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SMoV	SMoV_RNA1A	7716	0.077	109.6	1.8	30.5	5469	70.9	55.9

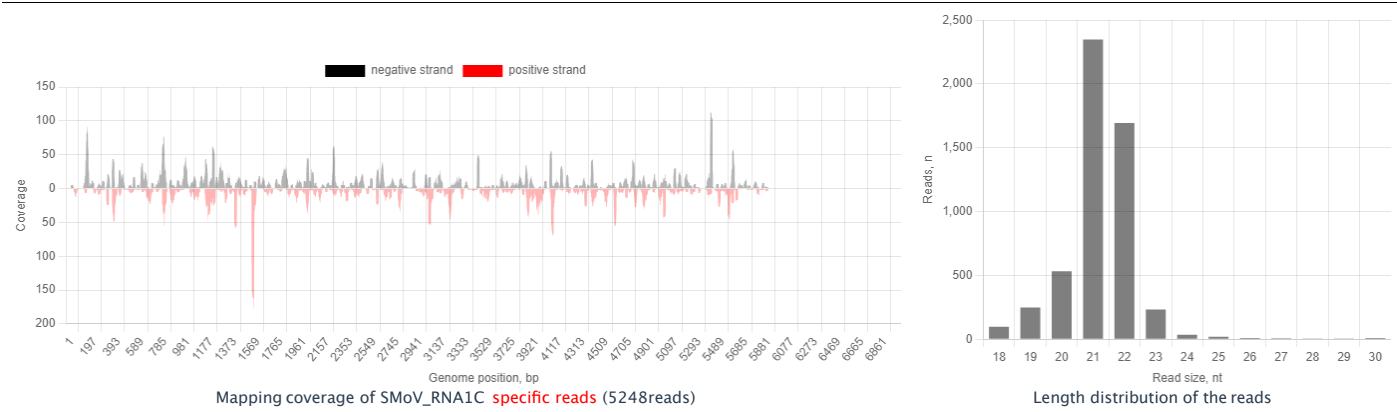
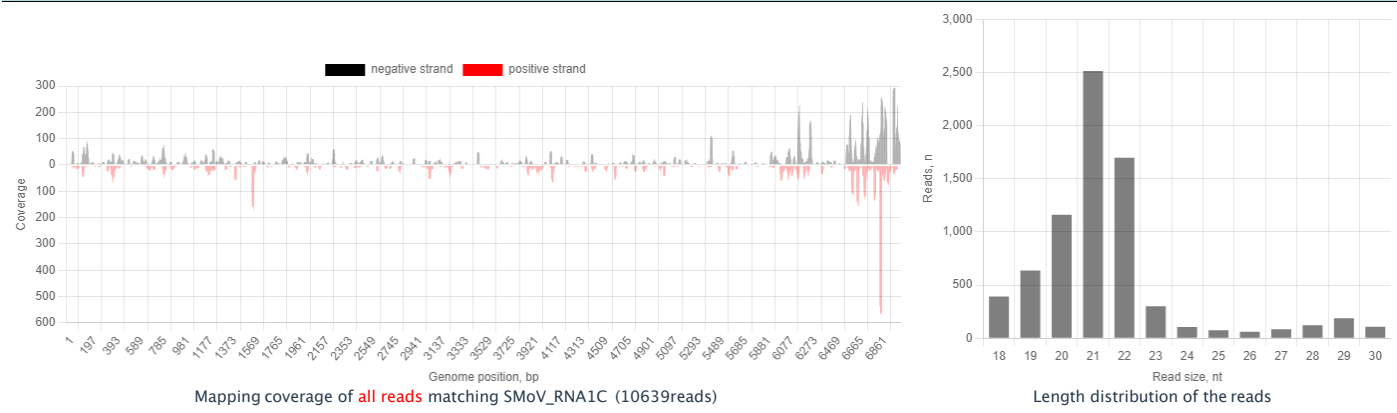


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SMoV	SMoV_RNA1B	7121	0.071	101.0	1.6	30.9	4704	66.1	47.1

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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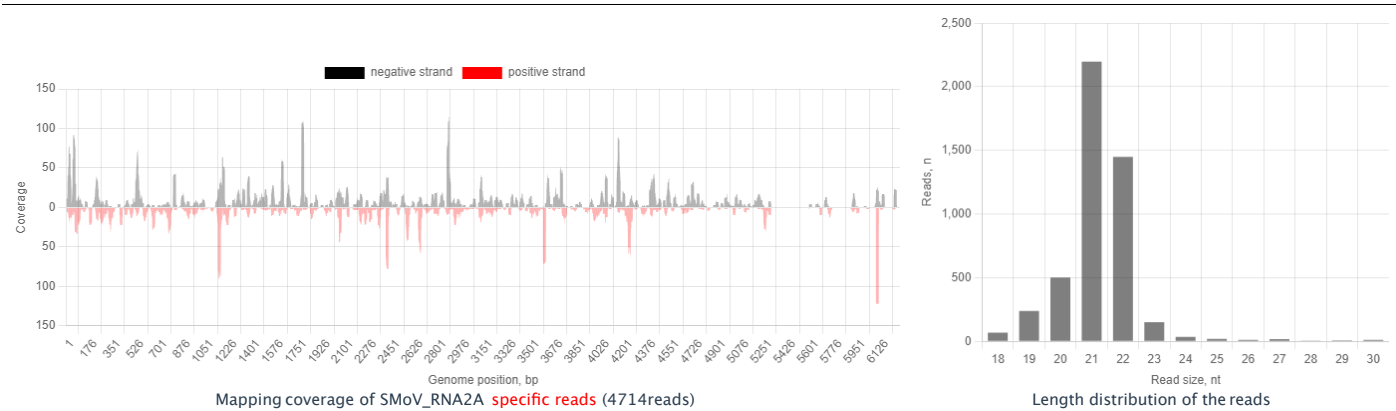
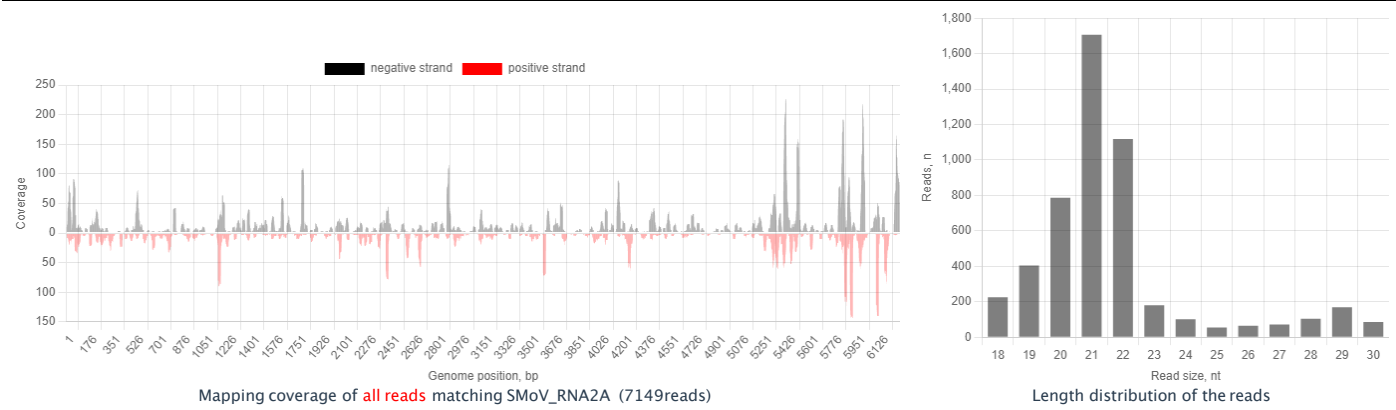


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SMoV	SMoV_RNA1C	7443	0.074	105.7	1.7	31.3	5248	70.5	51.6

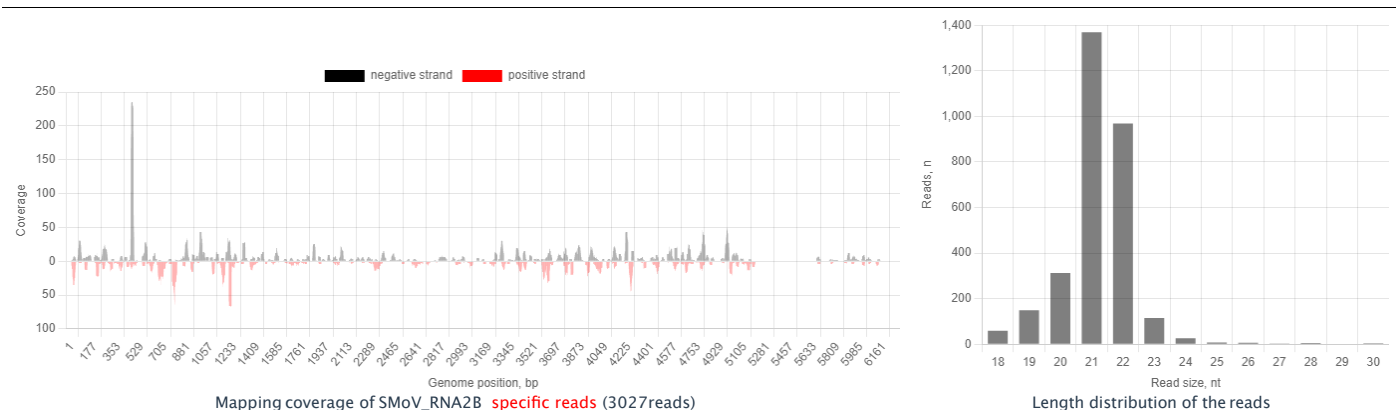
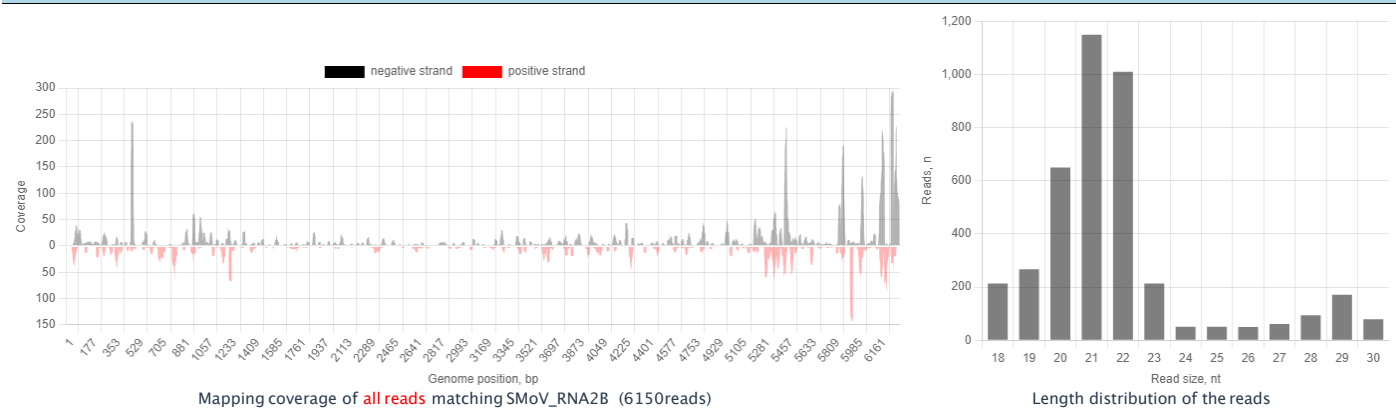


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SMoV	SMoV_RNA2A	5073	0.051	80.9	1.7	34.5	4714	92.9	52.8

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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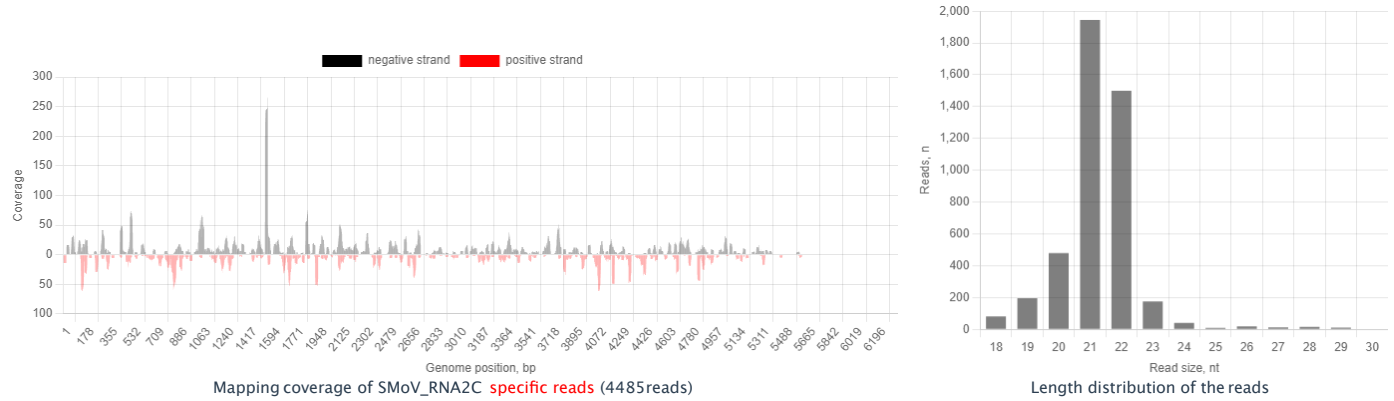
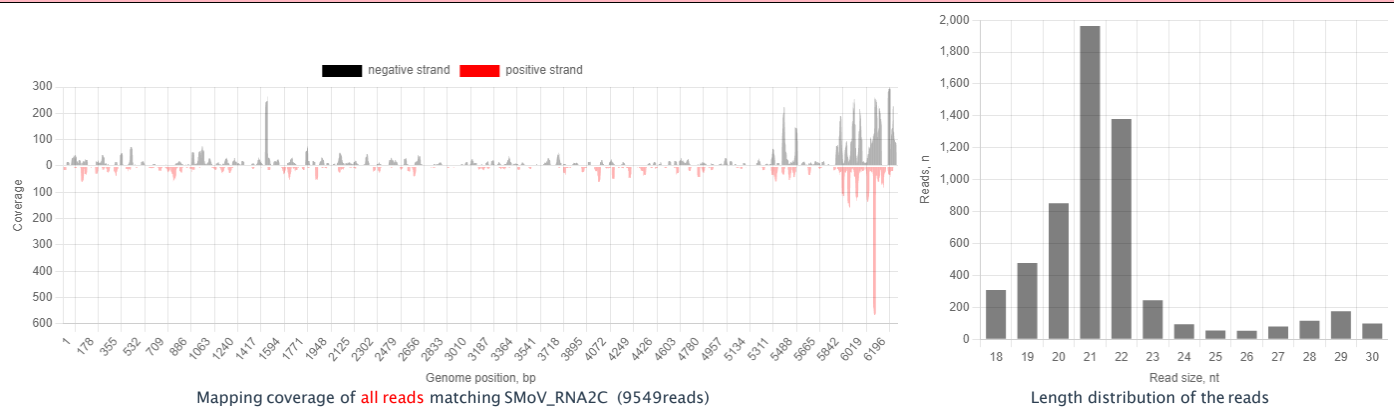


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SMoV	SMoV_RNA2B	4059	0.041	64.2	2.0	34.1	3027	74.6	29.2

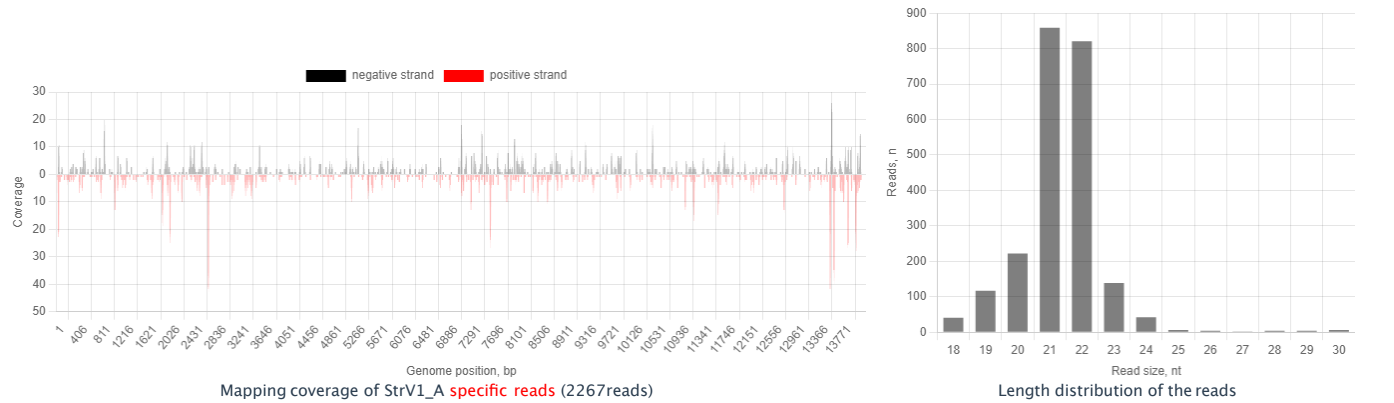
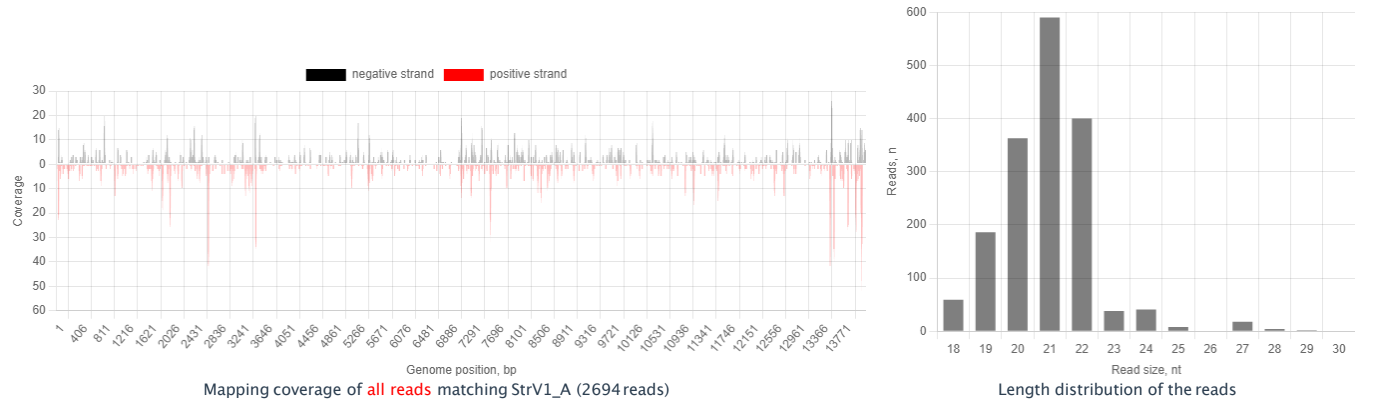


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	SMoV	SMoV_RNA2C	5894	0.059	92.8	1.7	29.4	4485	76.1	35.2

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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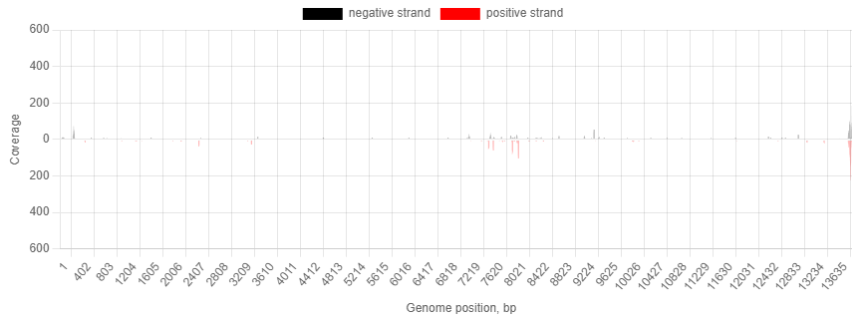


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	StrV1	StrV1_A	1710	0.017	12.1	1.0	41.9	2267	132.6	9.8

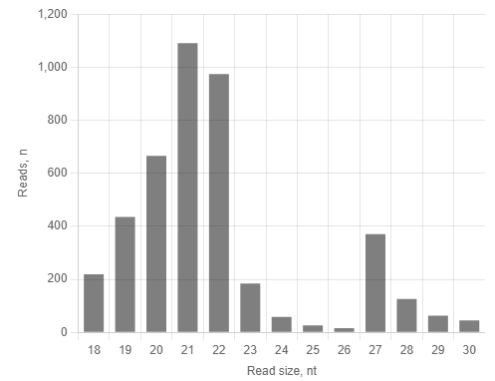


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	StrV1	StrV1_B	4273	0.043	30.5	1.4	30.4	5741	134.4	29.4

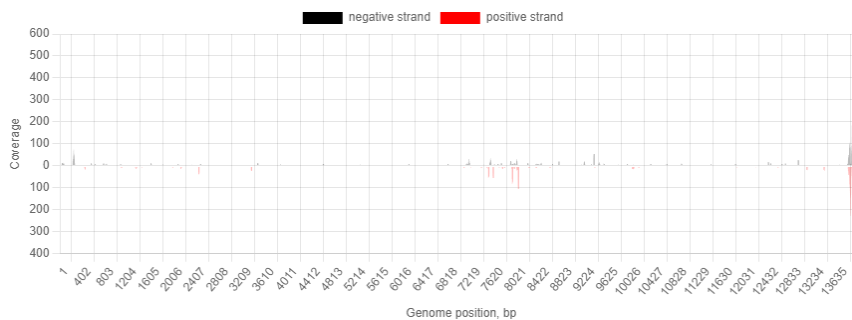
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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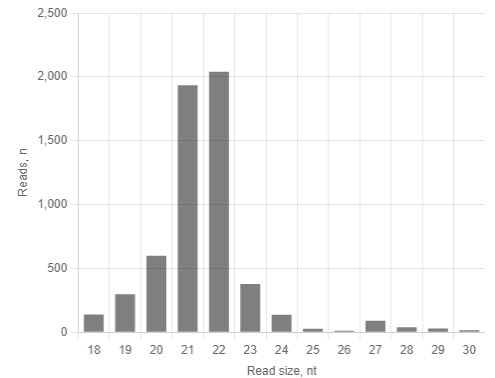
Mapping coverage of **all reads** matching StrV1_B (5882reads)



Length distribution of the reads

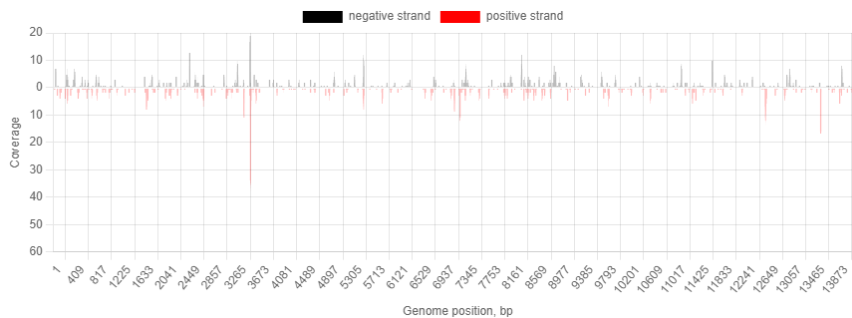


Mapping coverage of StrV1_B **specific reads** (5741reads)

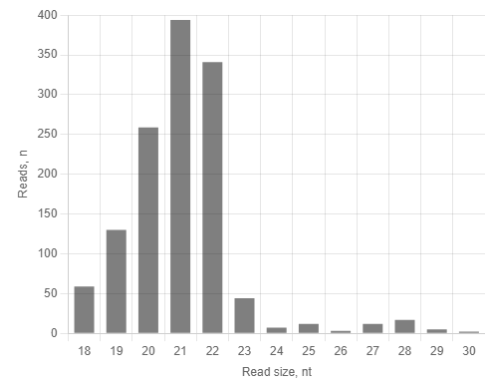


Length distribution of the reads

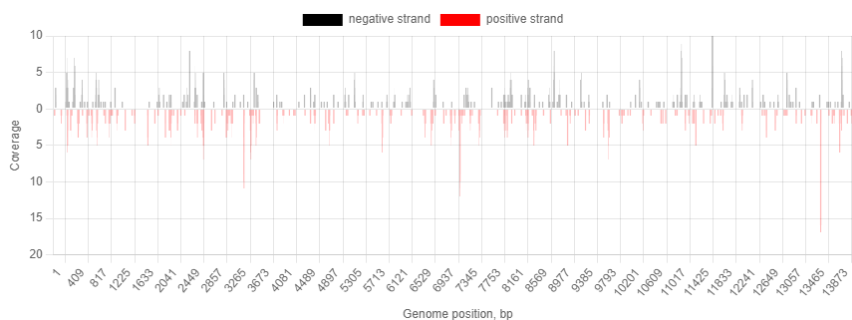
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_2	10000000	StrV1	StrV1_C	1285	0.013	9.0	1.1	46.1	763	59.4	7.1



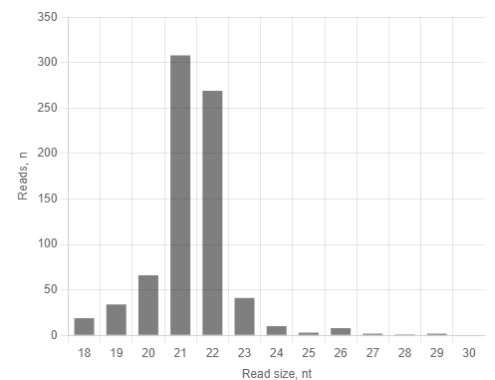
Mapping coverage of **all reads** matching StrV1_C (1158reads)



Length distribution of the reads



Mapping coverage of StrV1_C **specific reads** (763 reads)

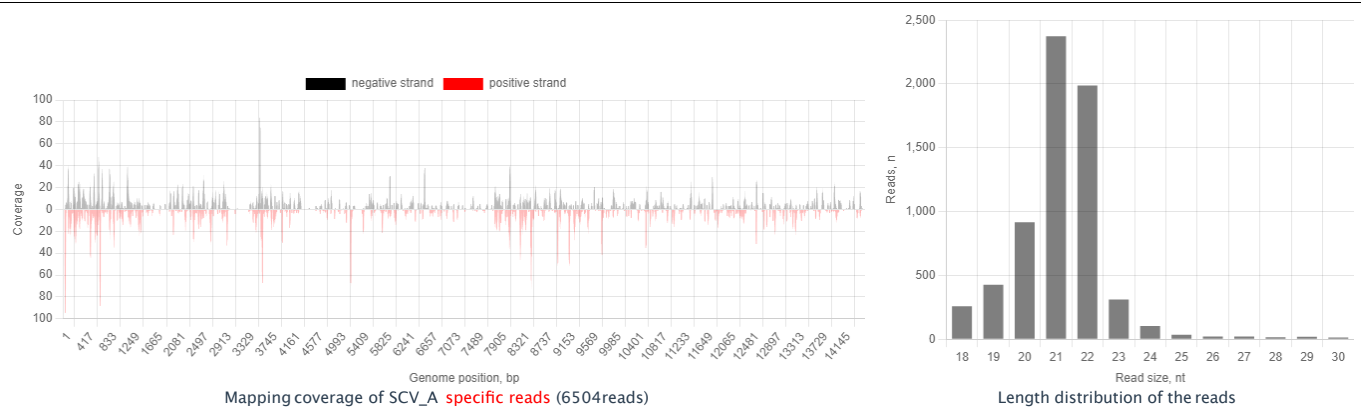
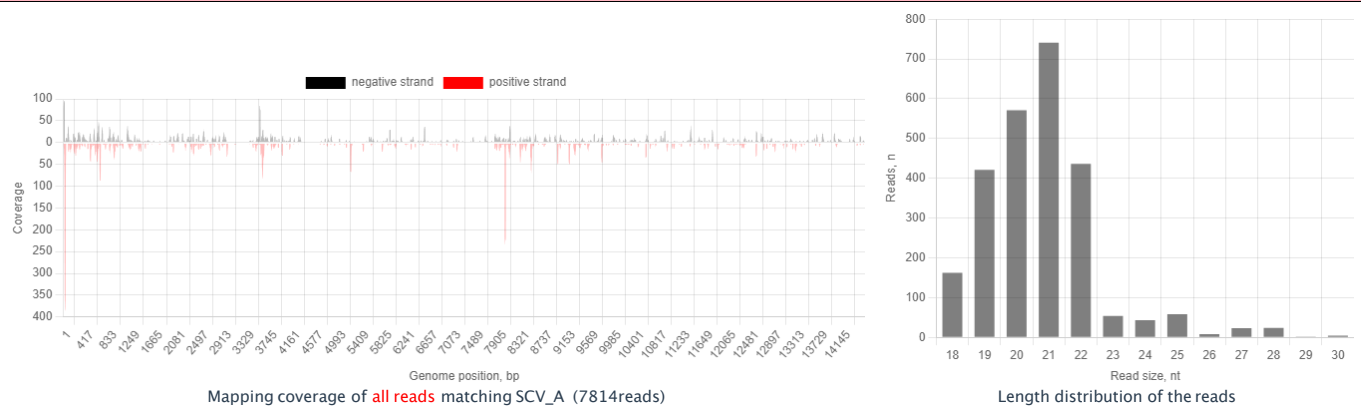


Length distribution of the reads

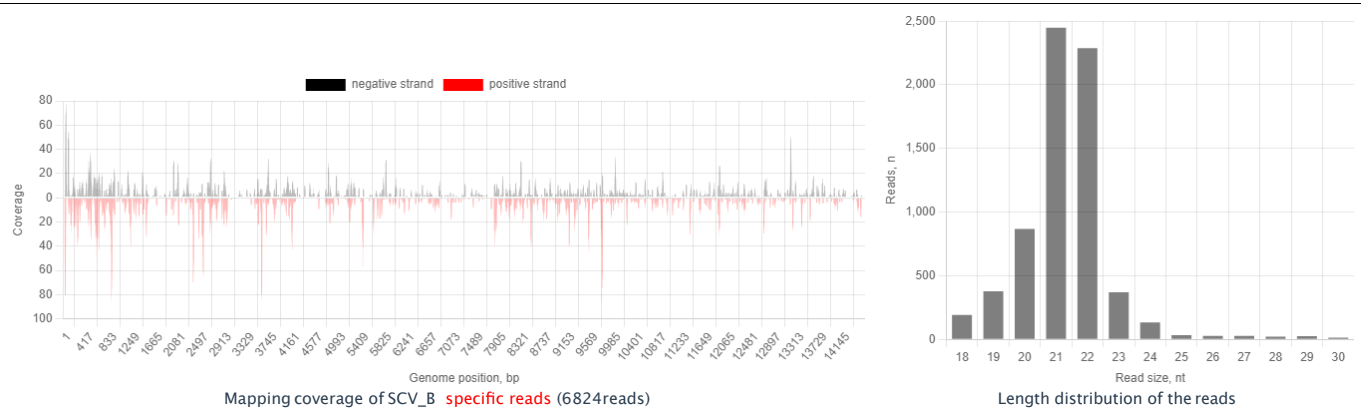
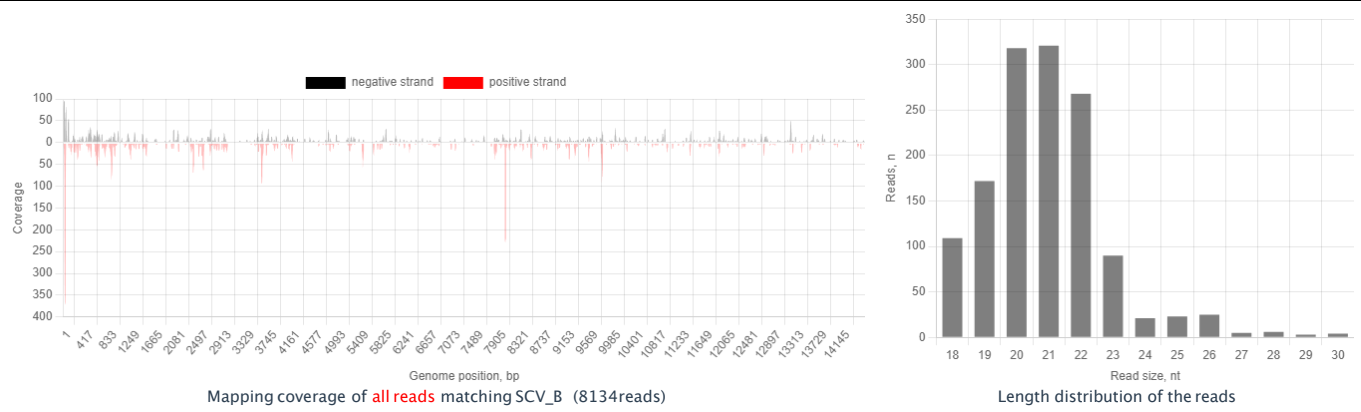
Mappings of the 1B_3 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SCV	SCV_A	2547	0.025	17.5	0.7	25.2	6504	255.4	15.4

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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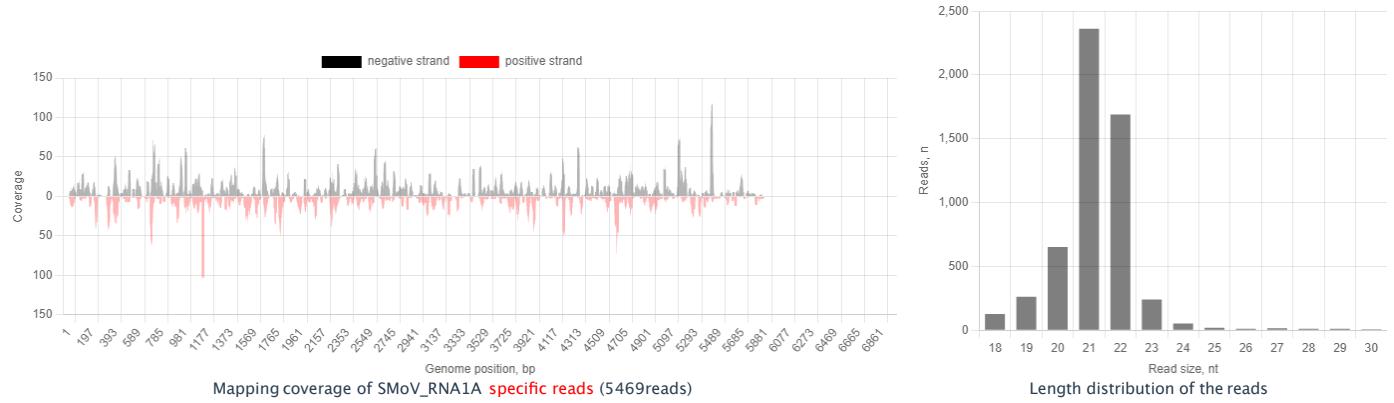
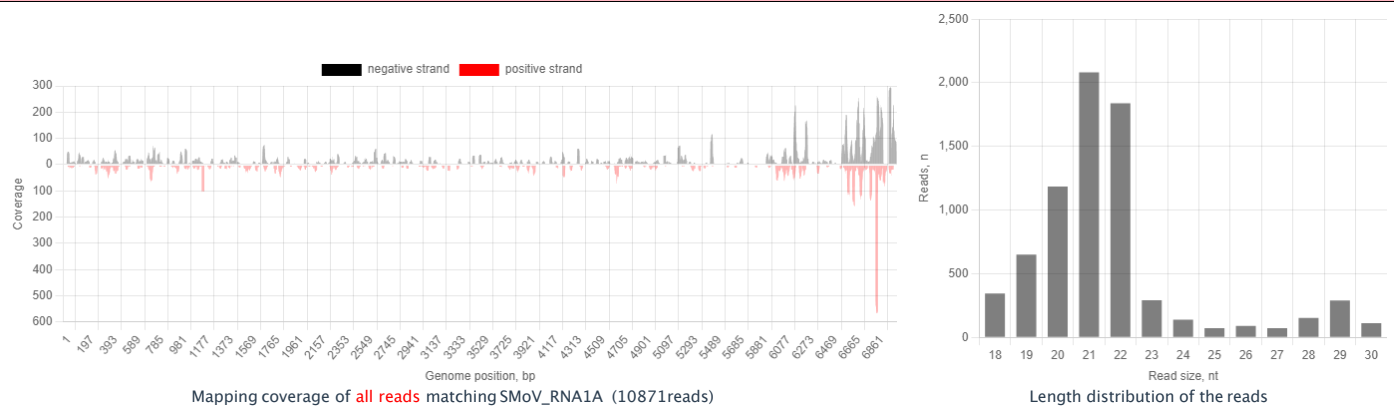


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SCV	SCV_B	1365	0.014	9.4	0.7	25.9	6824	499.9	7.3

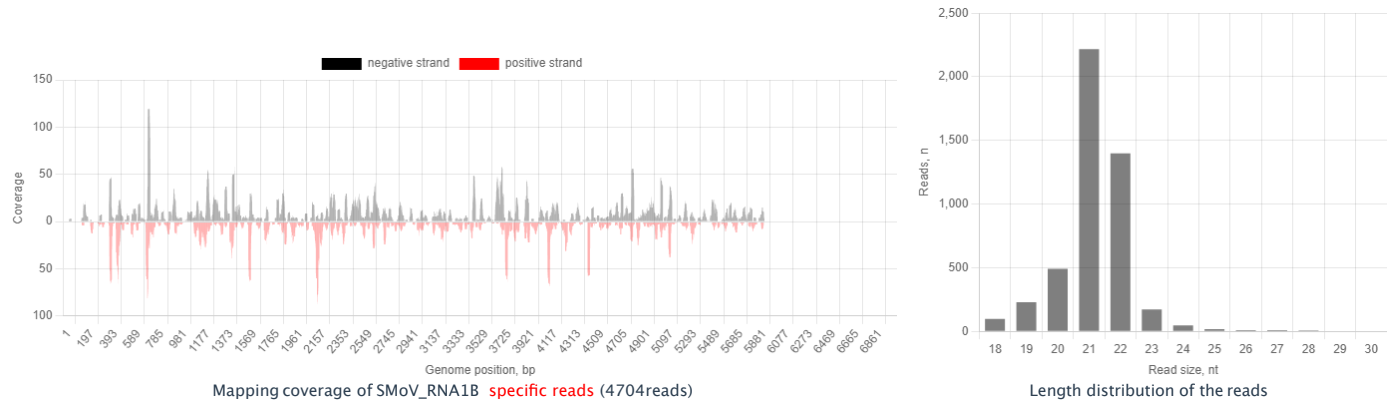
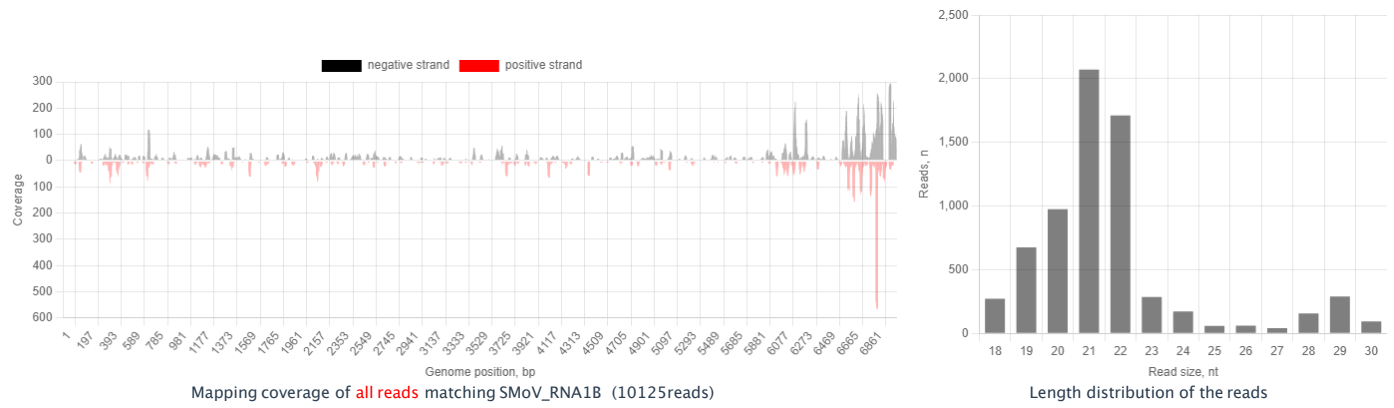


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SMoV	SMoV_RNA1A	7320	0.073	104.0	2.1	19.1	5469	74.7	46.5

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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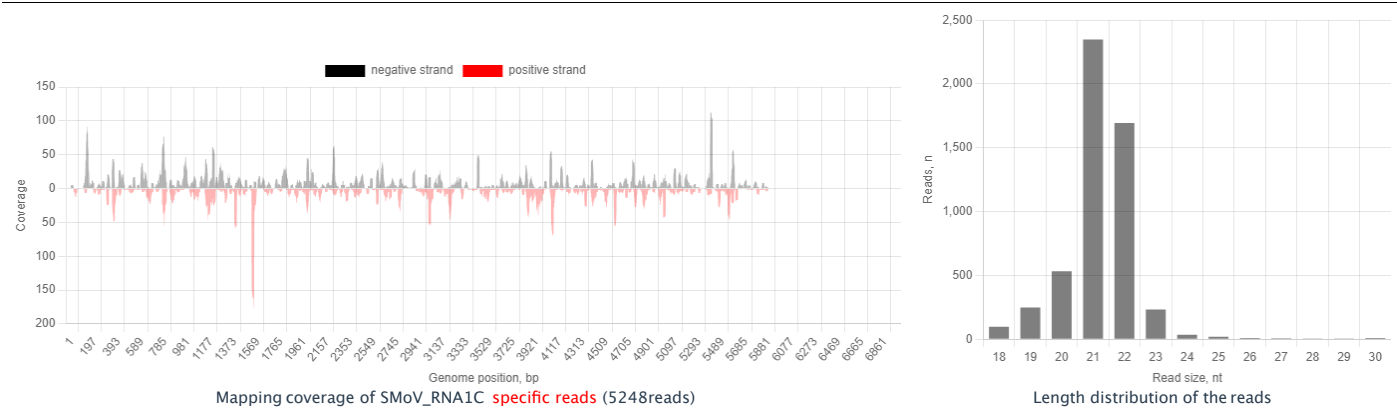
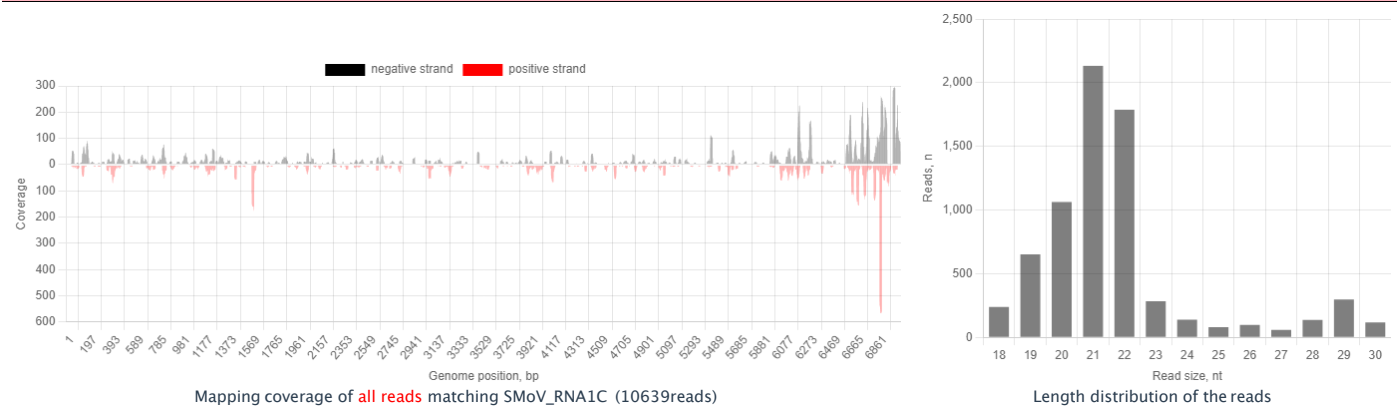


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SMoV	SMoV_RNA1B	6864	0.069	97.3	1.7	19.7	4704	68.5	39.5

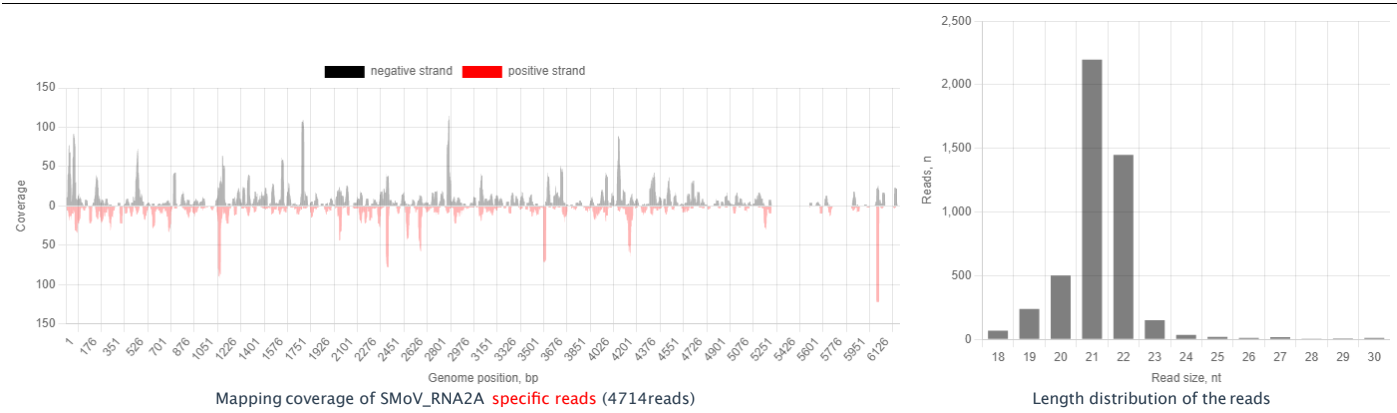
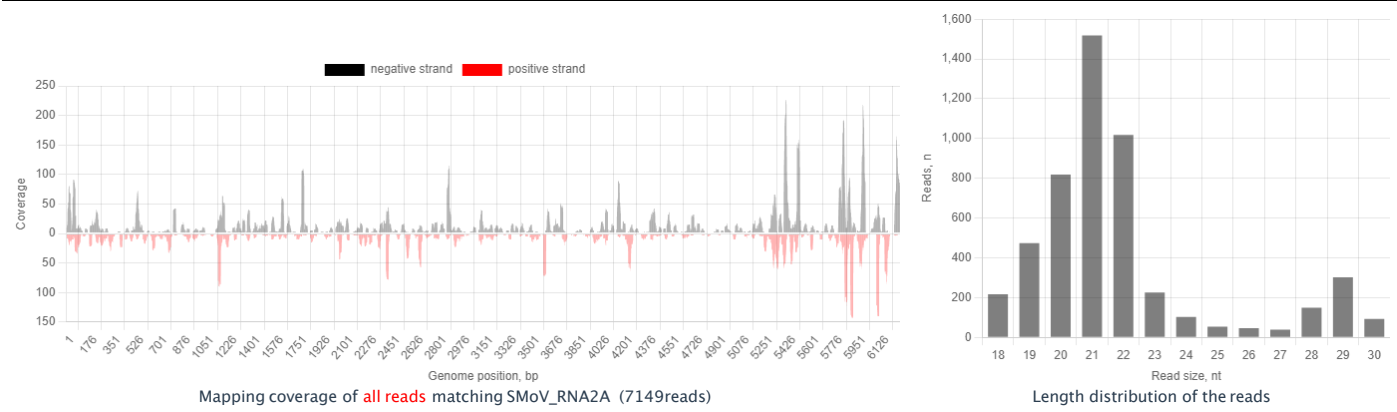


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SMoV	SMoV_RNA1C	7087	0.071	100.6	1.7	19.1	5248	74.1	42.6

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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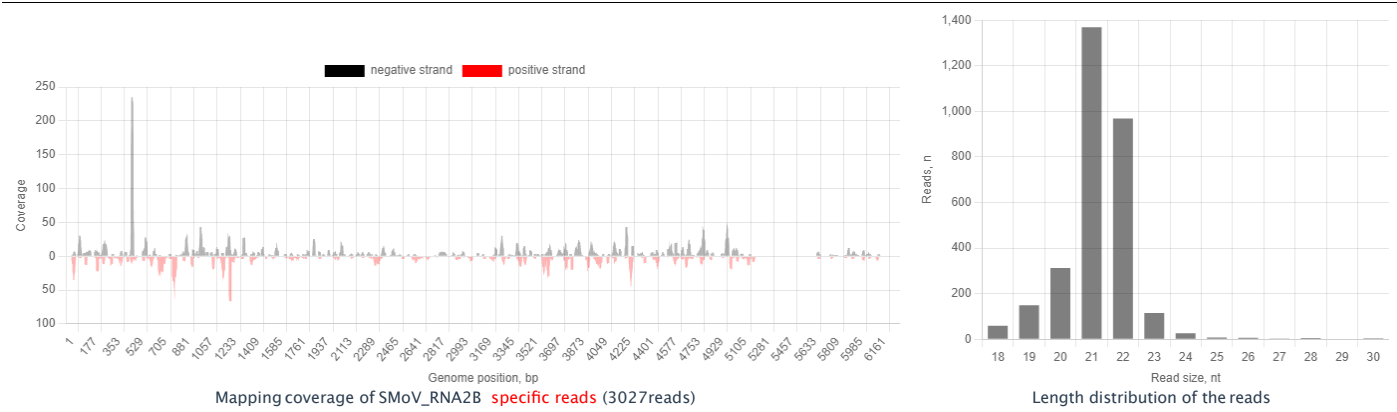
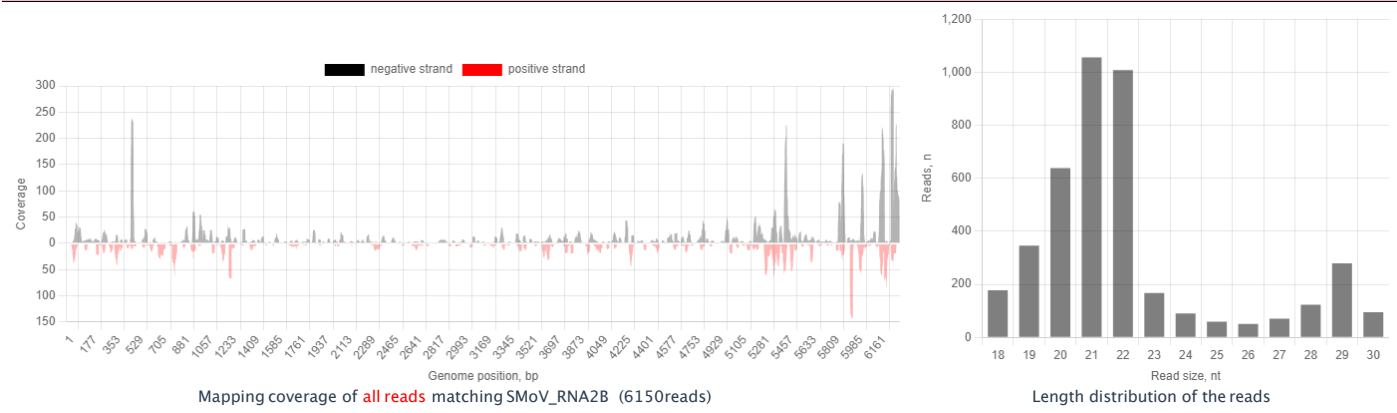


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SMoV	SMoV_RNA2A	5056	0.051	80.7	1.9	21.3	4714	93.2	50.4

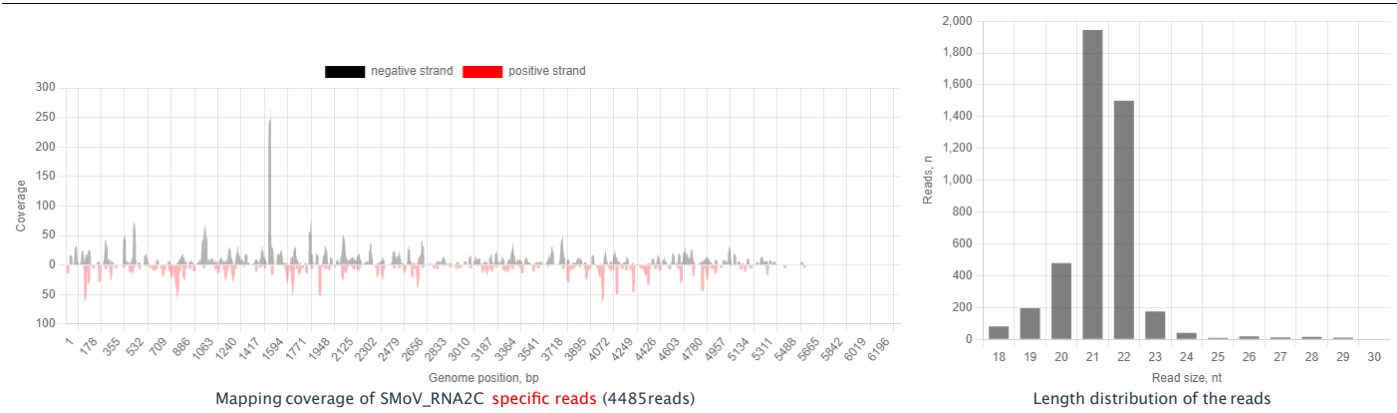
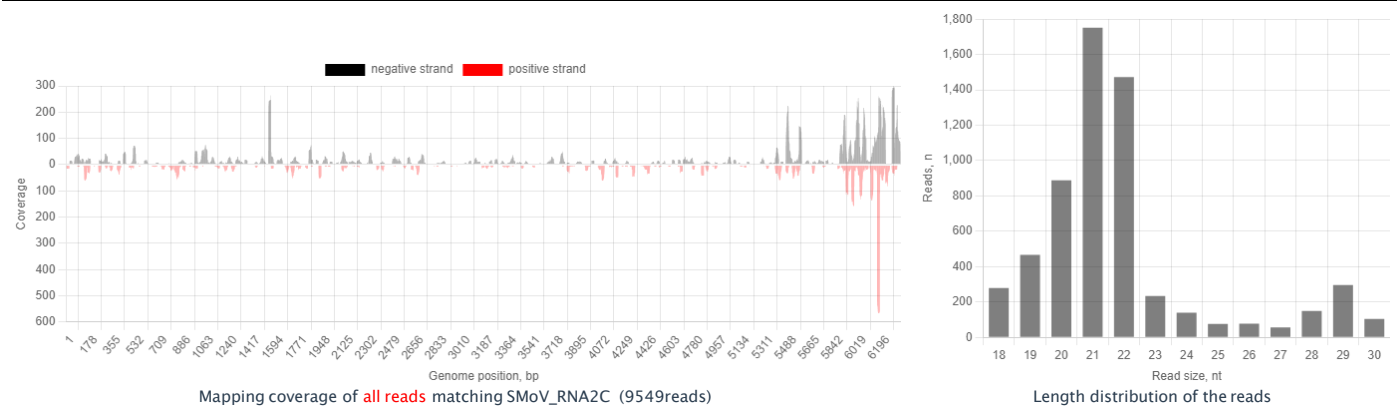


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SMoV	SMoV_RNA2B	4160	0.042	65.8	2.5	20.4	3027	72.8	25.6

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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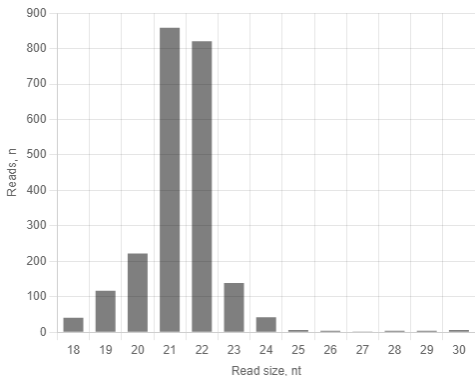
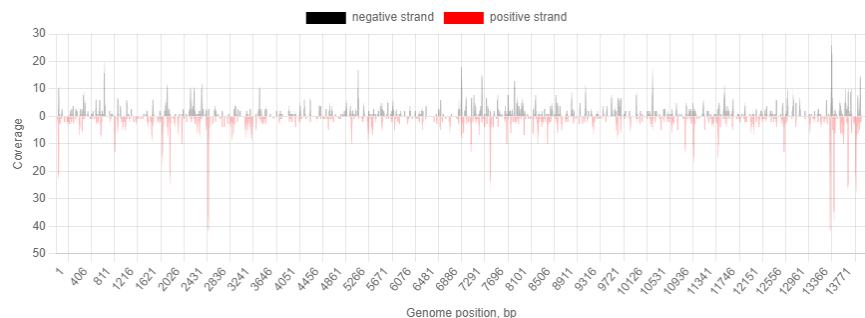
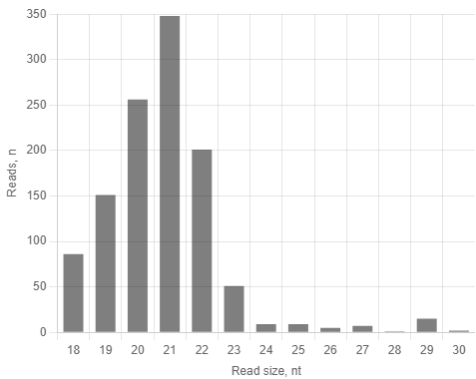
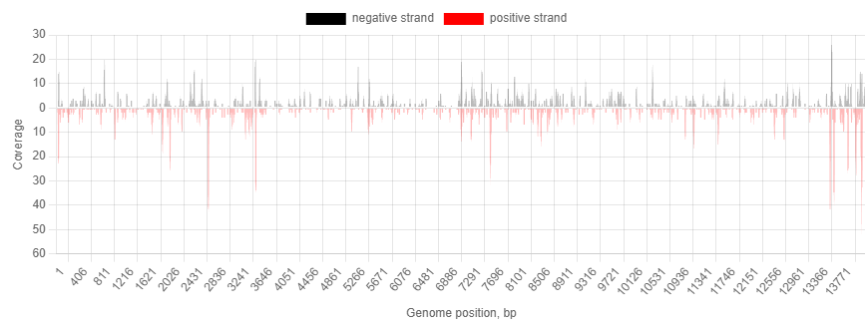


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	SMoV	SMoV_RNA2C	5989	0.060	94.5	1.9	18.9	4485	74.9	33.2

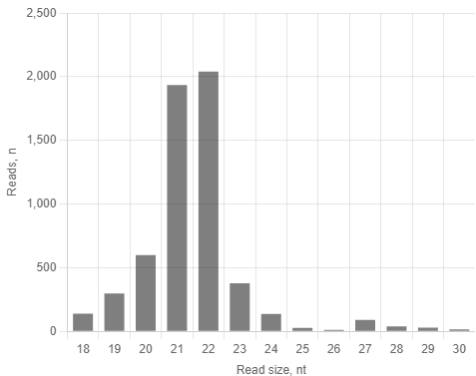
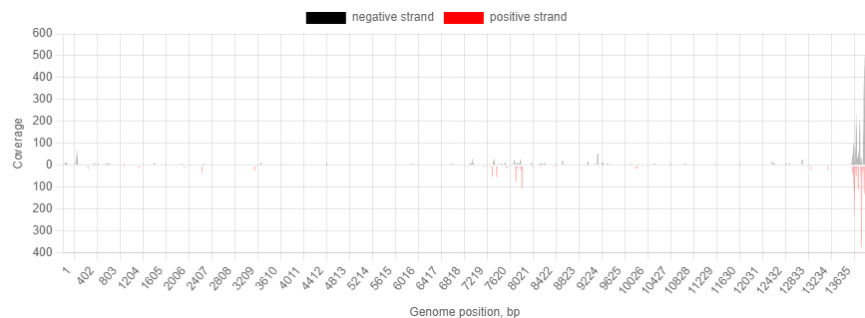
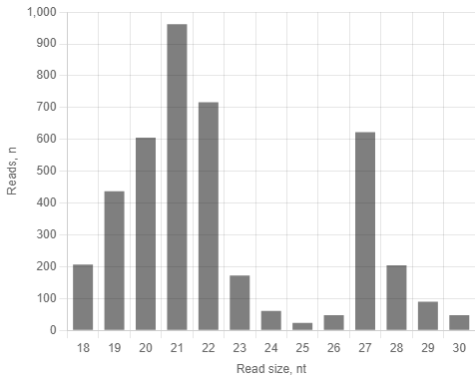
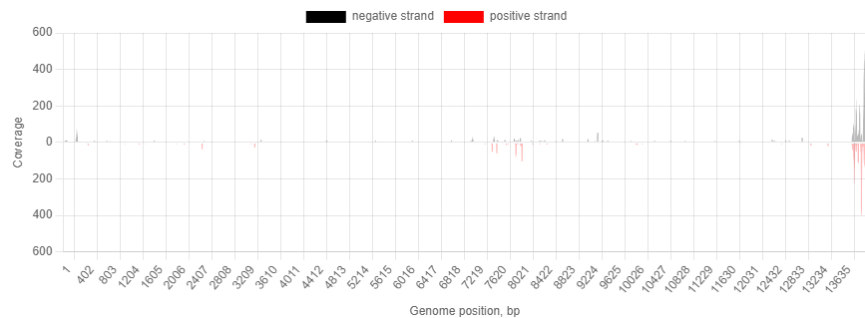


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	StrV1	StrV1_A	1141	0.011	8.1	0.8	30.0	2267	198.7	6.4

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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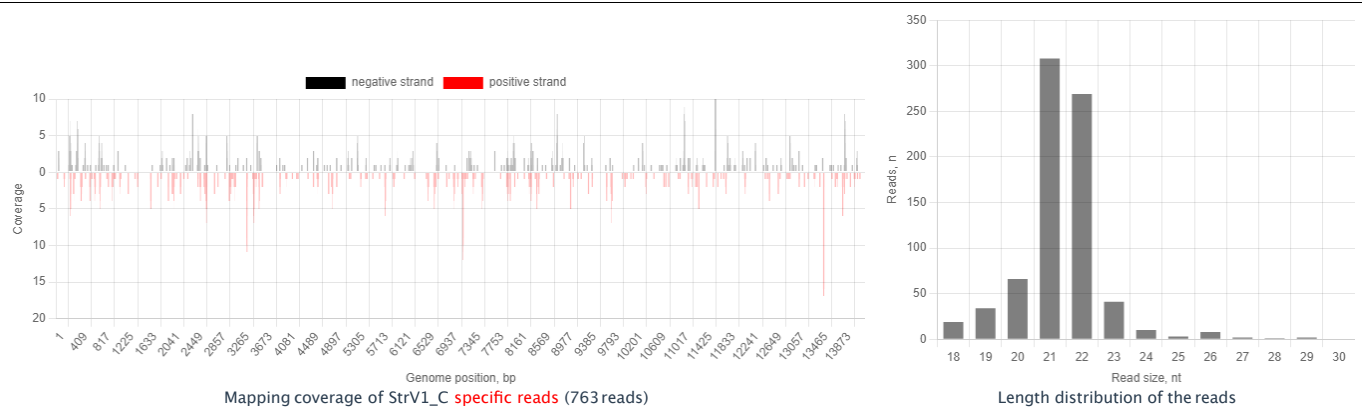
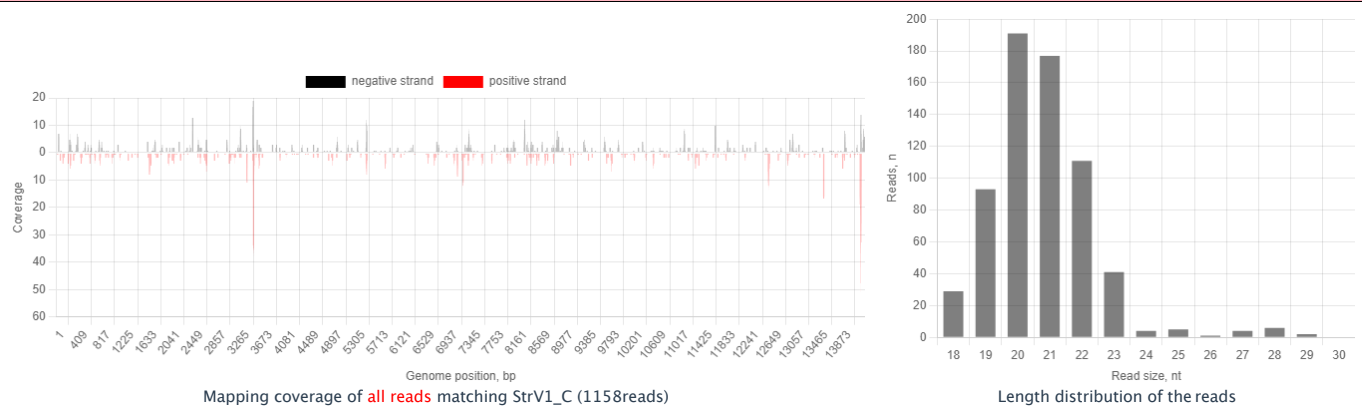


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	StrV1	StrV1_B	4198	0.042	29.9	1.4	17.6	5741	136.8	29.3



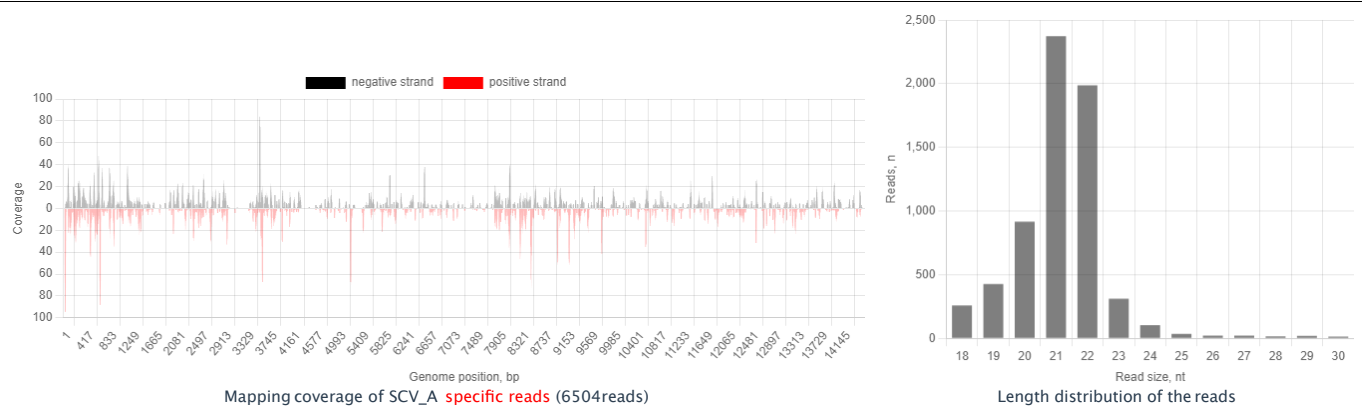
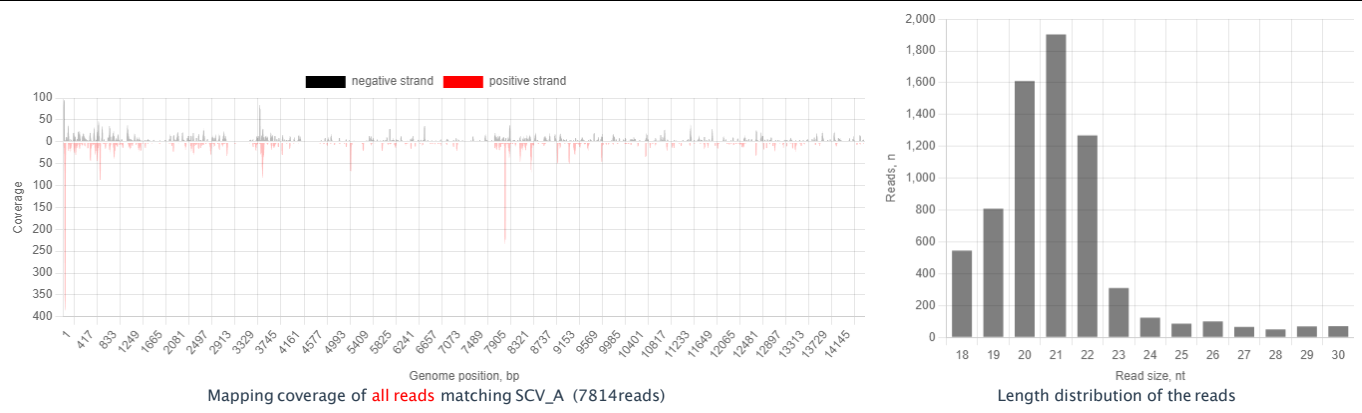
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_3	10000000	StrV1	StrV1_C	664	0.007	4.7	0.7	29.7	763	114.9	3.0

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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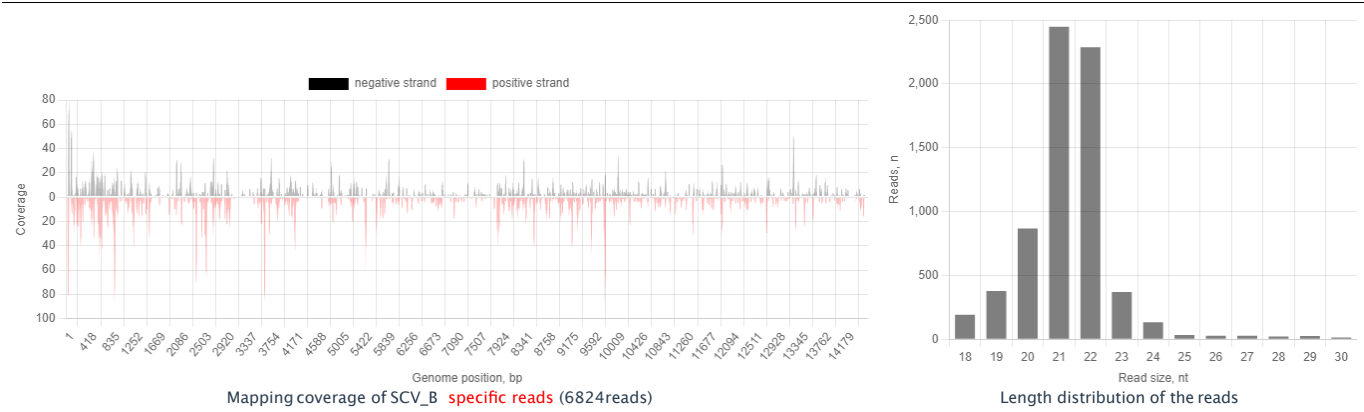
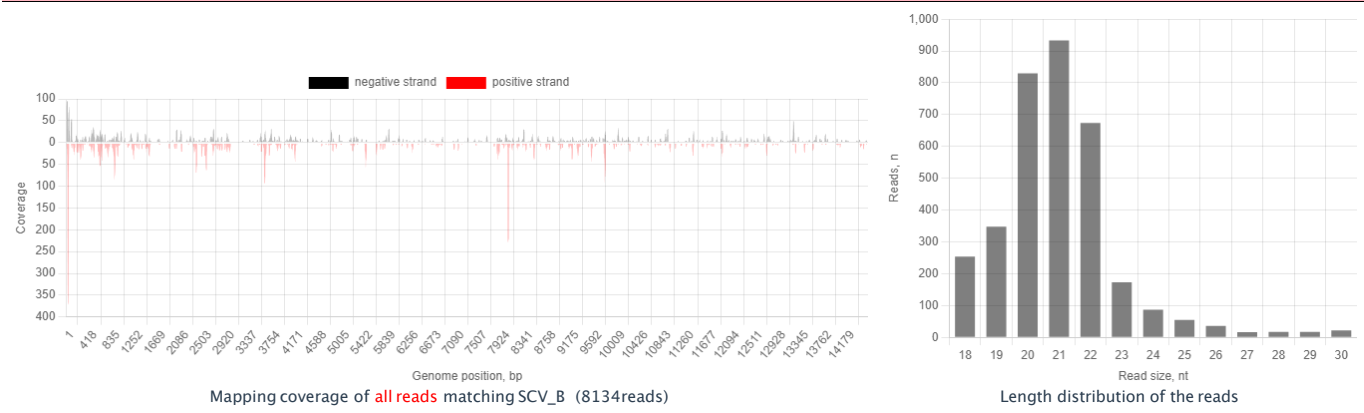
Mappings of the 1B_4 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SCV	SCV_A	7011	0.070	48.2	0.9	24.0	6504	92.8	42.9

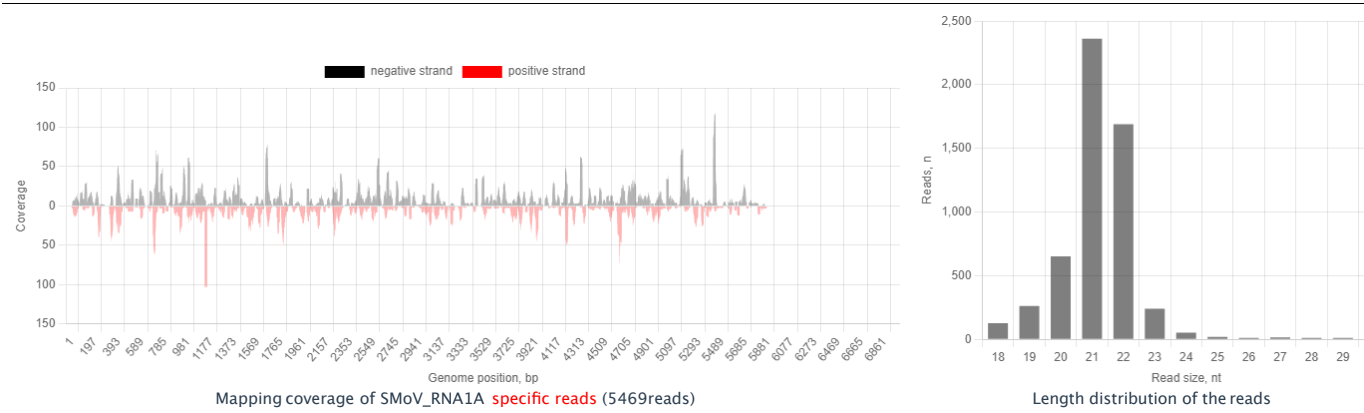
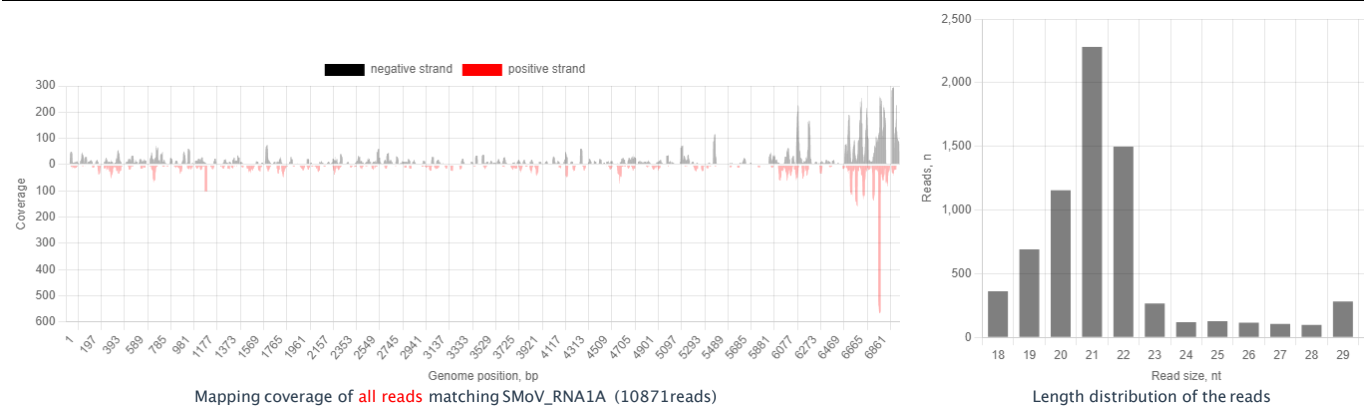


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SCV	SCV_B	3462	0.035	23.8	0.8	25.8	6824	197.1	18.5

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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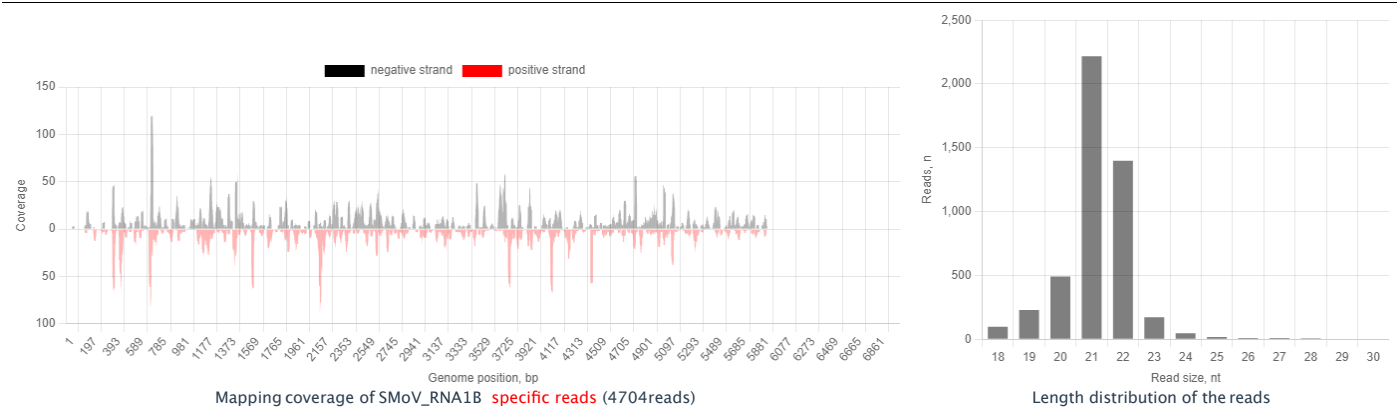
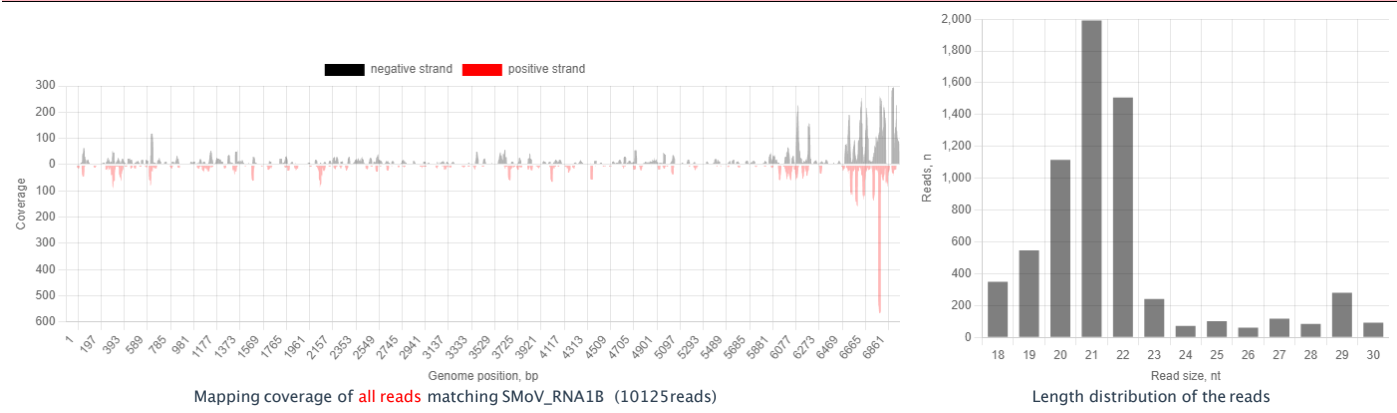


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SMoV	SMoV_RNA1A	7216	0.072	102.5	1.9	19.3	5469	75.8	48.4

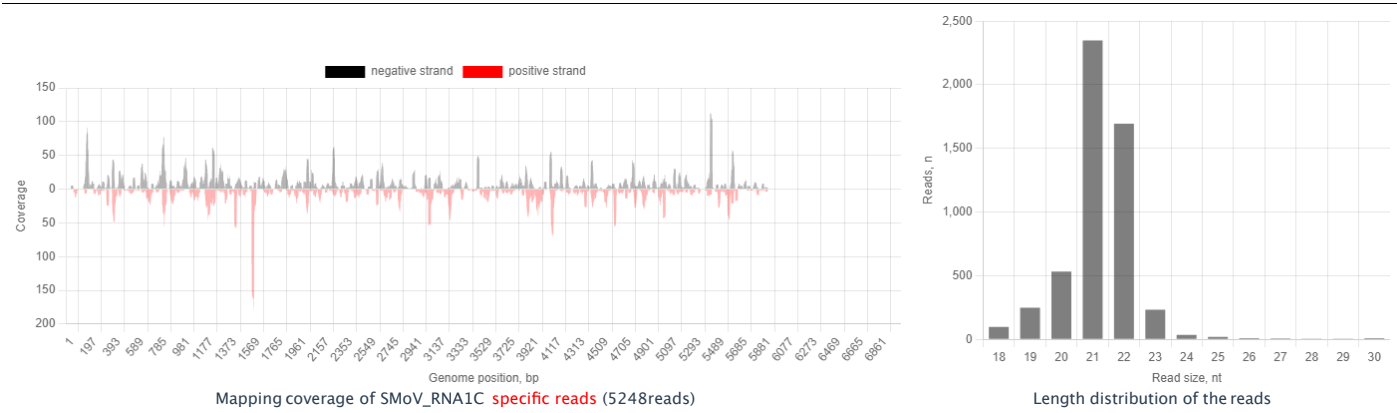
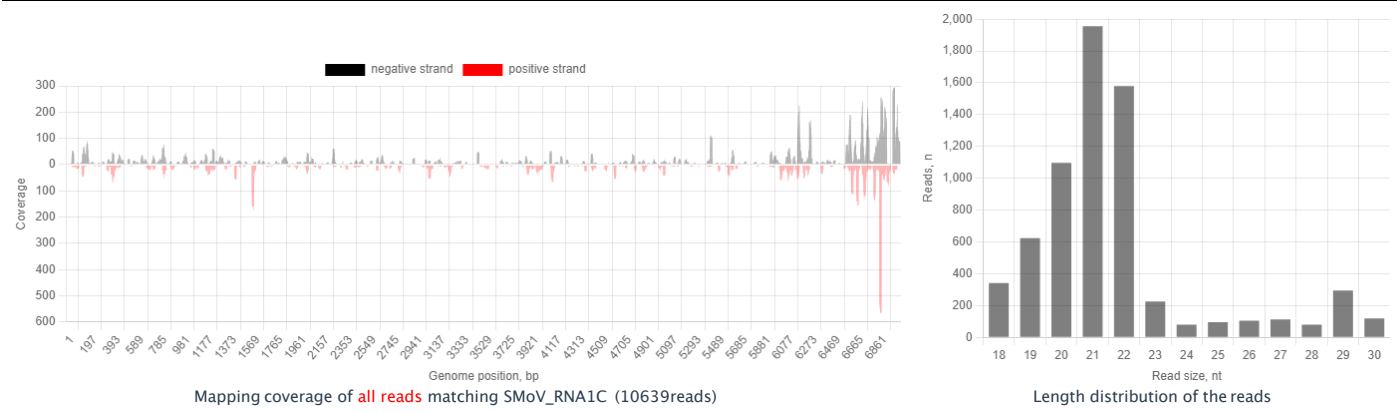


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SMoV	SMoV_RNA1B	6561	0.066	93.0	1.7	19.2	4704	71.7	38.9

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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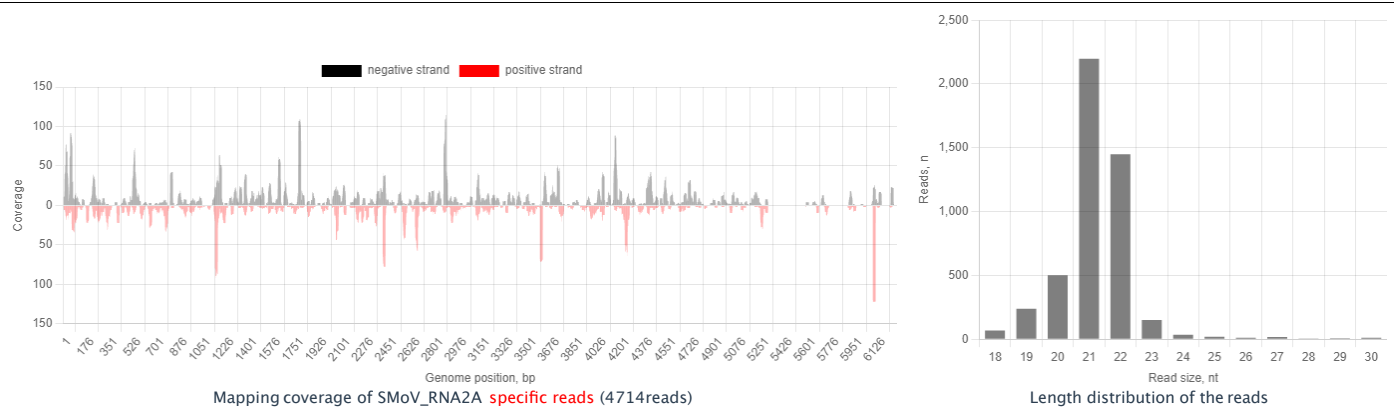
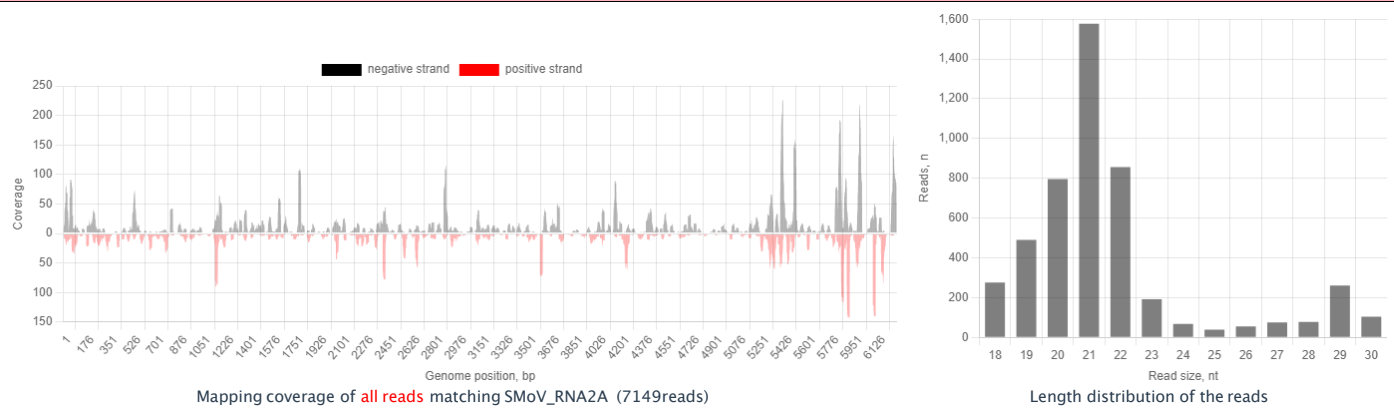


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SMoV	SMoV_RNA1C	6708	0.067	95.2	1.7	19.9	5248	78.2	39.5

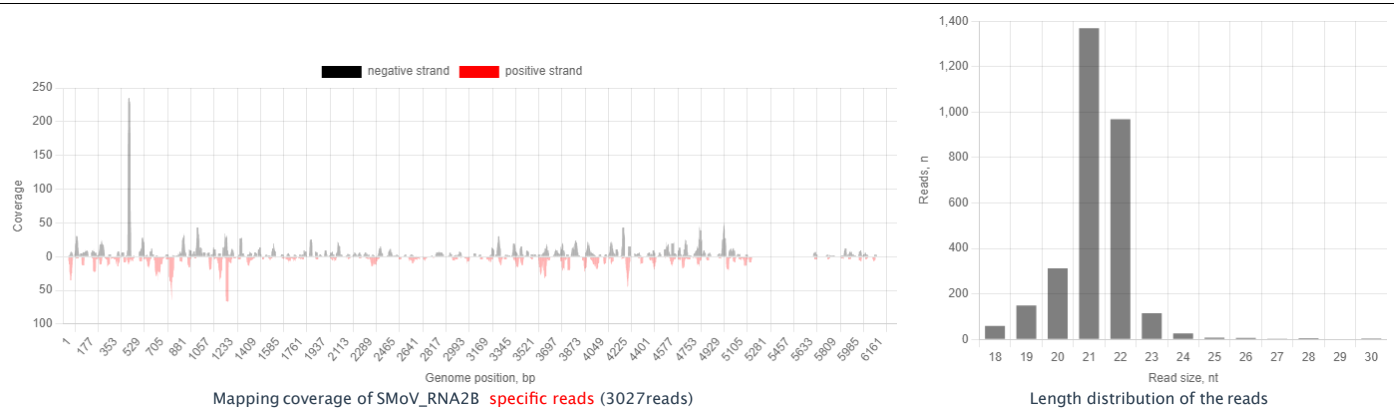
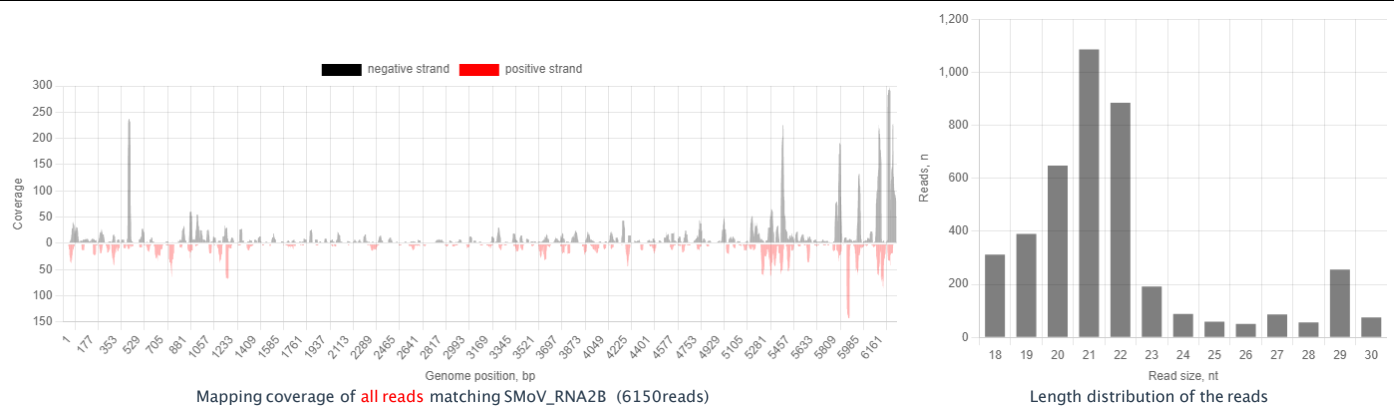


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SMoV	SMoV_RNA2A	4865	0.049	77.6	1.8	19.8	4714	96.9	45.9

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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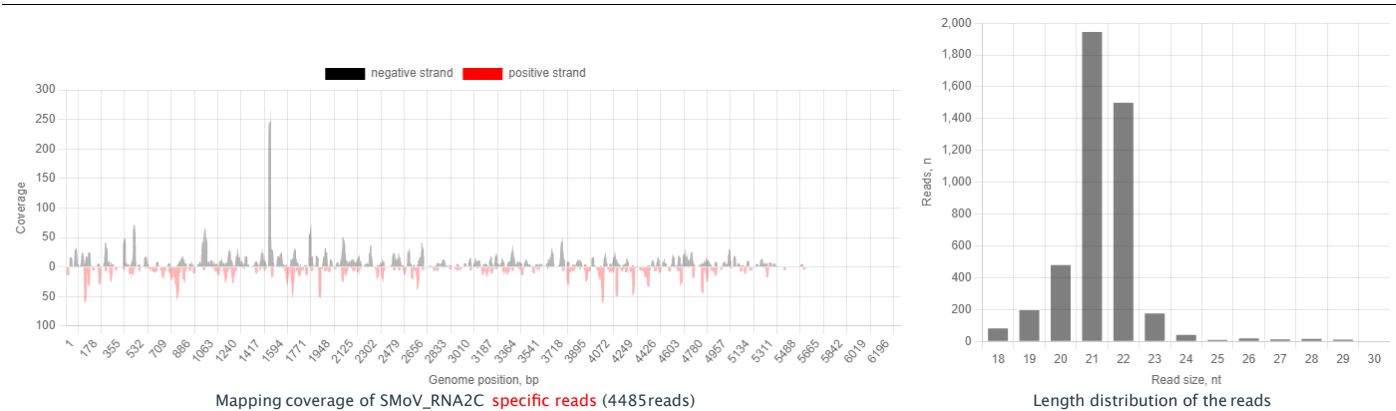
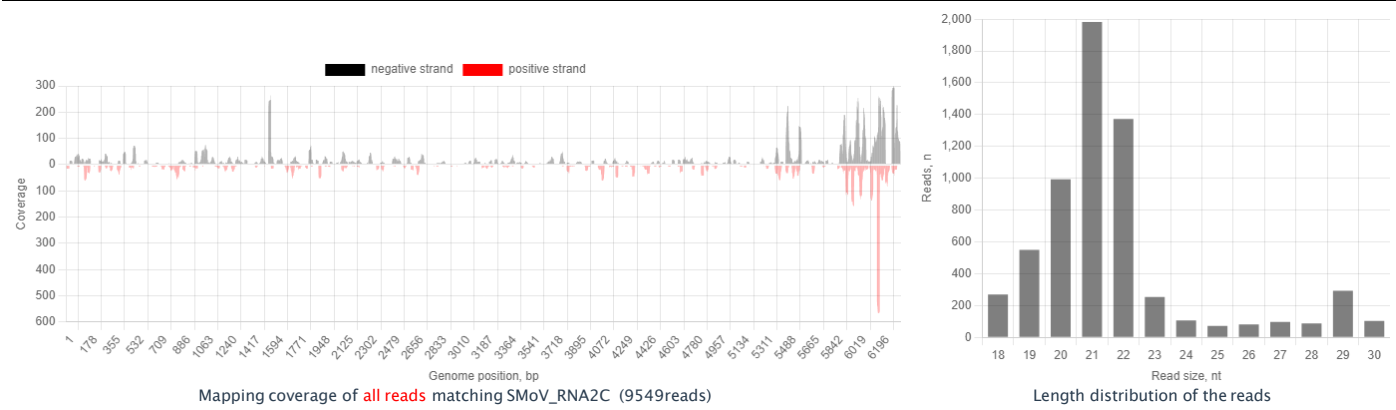


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SMoV	SMoV_RNA2B	4184	0.042	66.1	2.1	21.3	3027	72.3	29.6

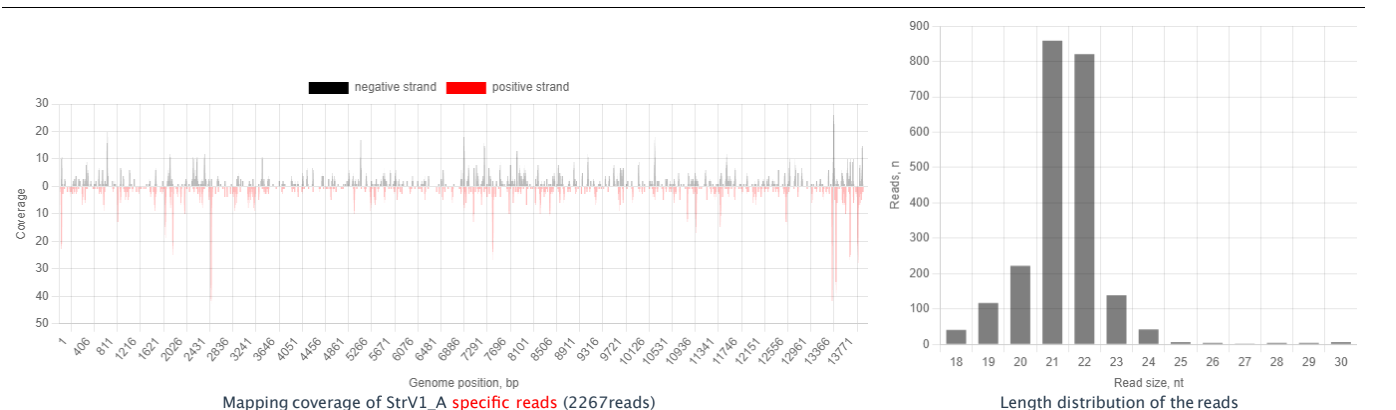
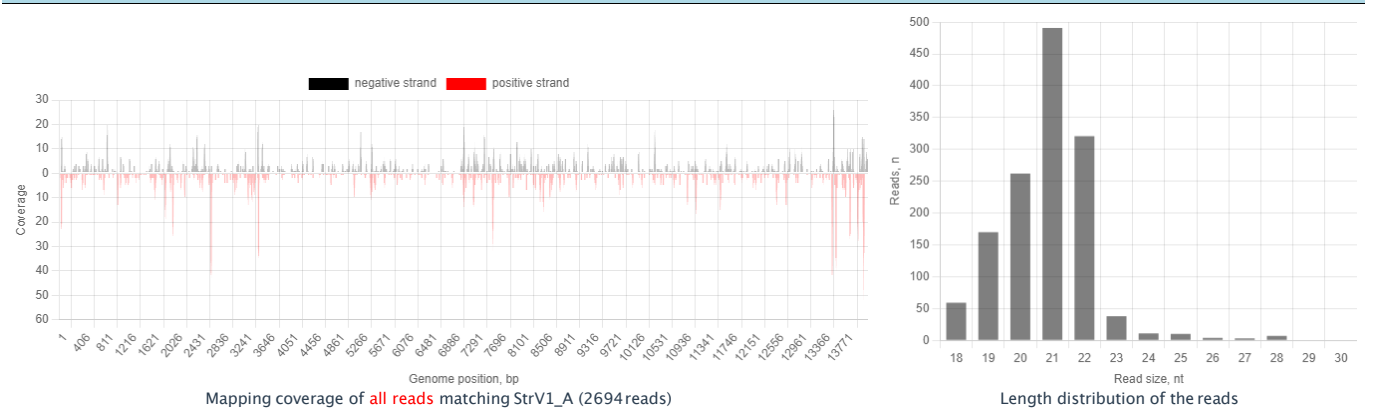


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	SMoV	SMoV_RNA2C	6262	0.063	98.8	1.7	18.4	4485	71.6	40.4

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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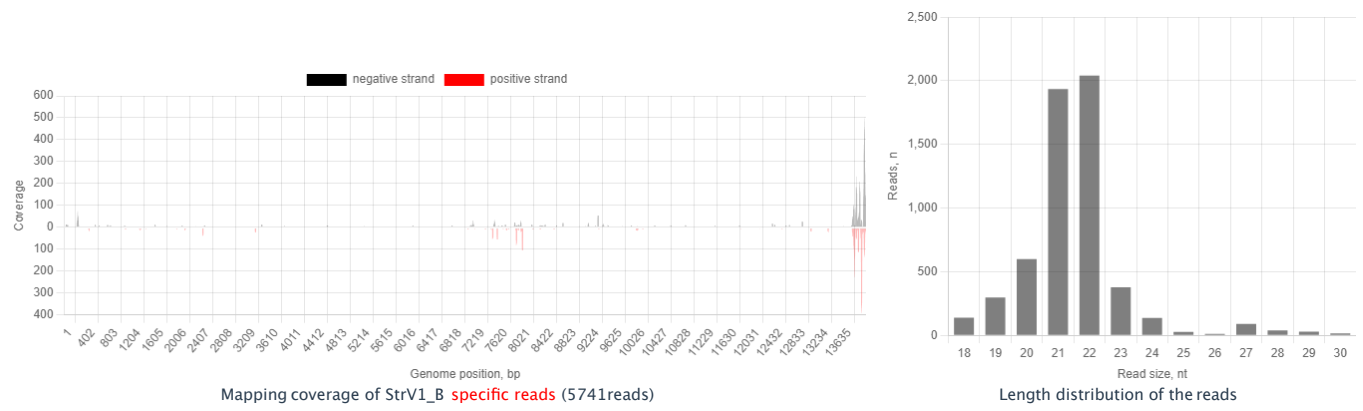
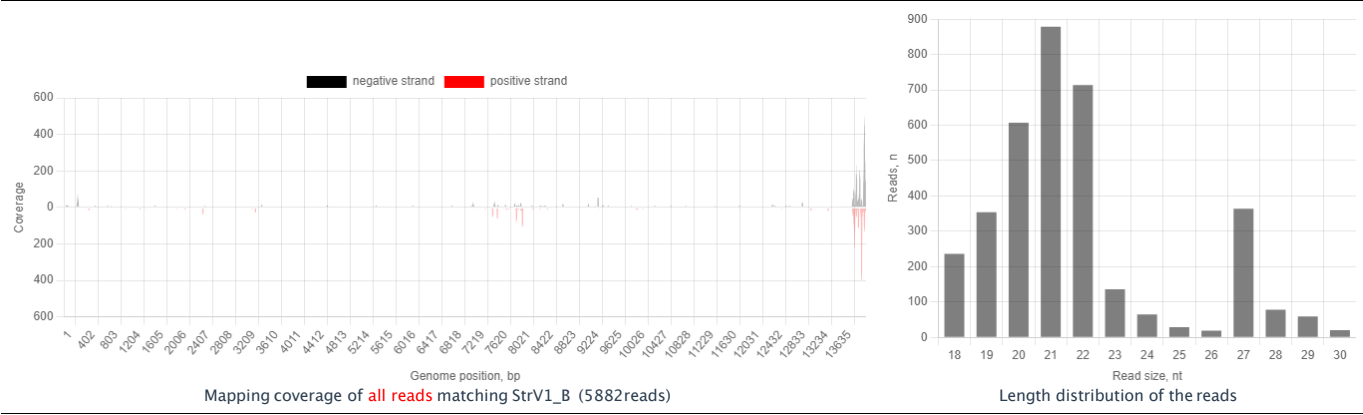


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	StrV1	StrV1_A	1376	0.014	9.7	0.9	25.2	2267	164.8	7.7

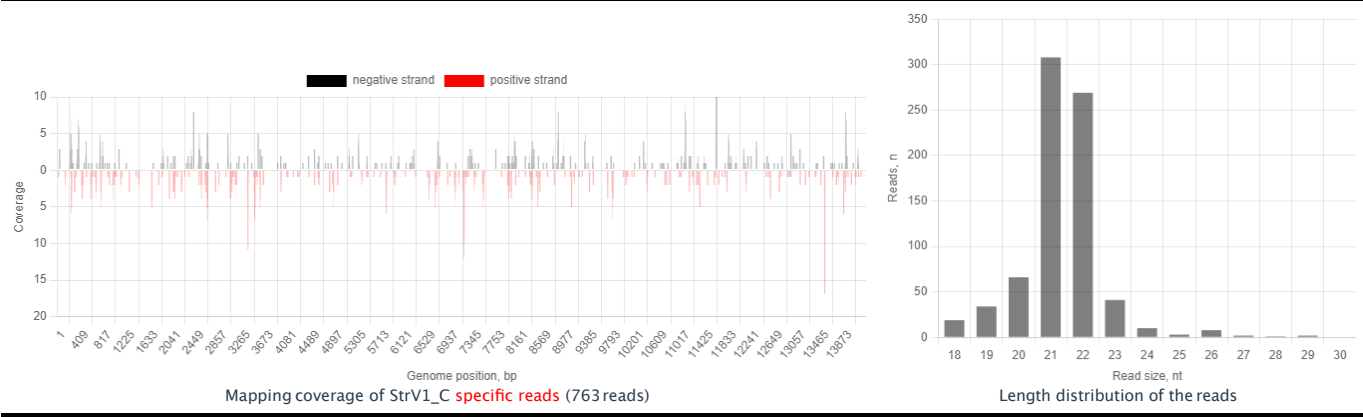
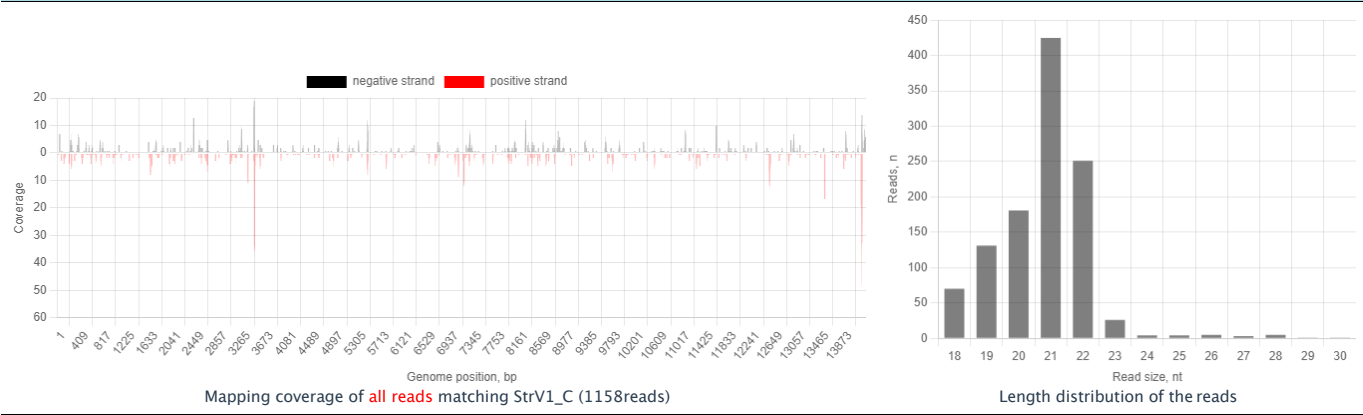


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	StrV1	StrV1_B	3560	0.036	25.4	1.5	21.1	5741	161.3	24.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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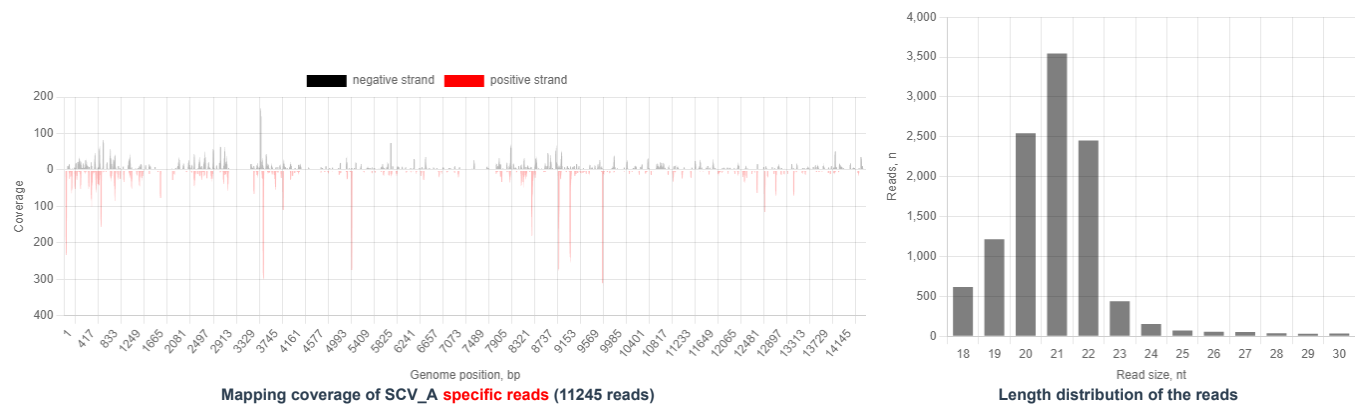
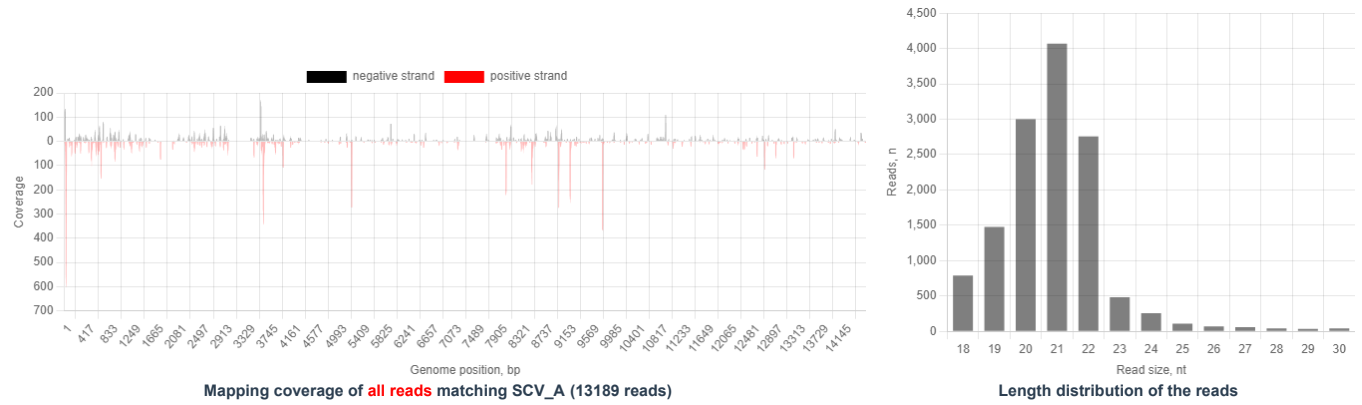


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
1B_4	10000000	StrV1	StrV1_C	1107	0.011	7.8	1.0	26.6	763	68.9	5.8

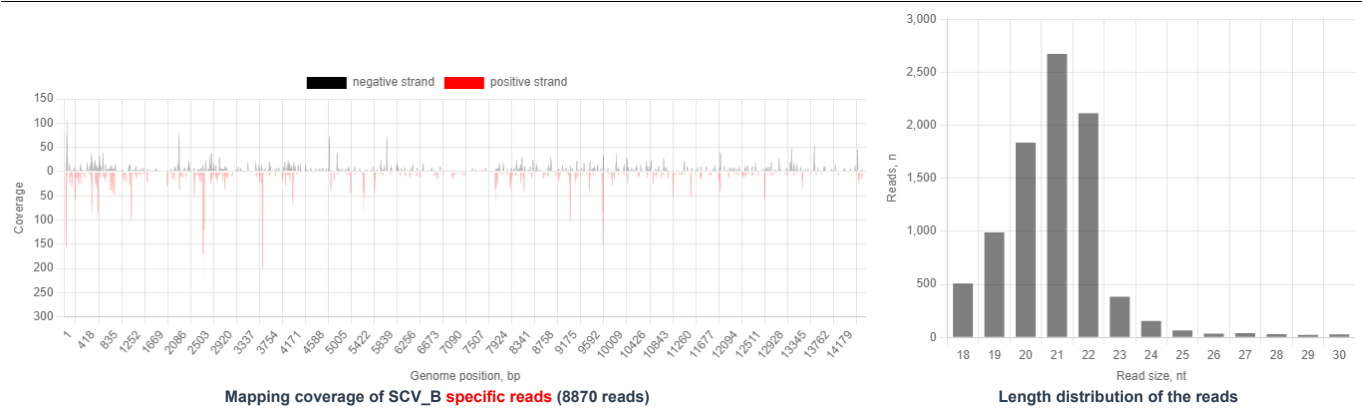
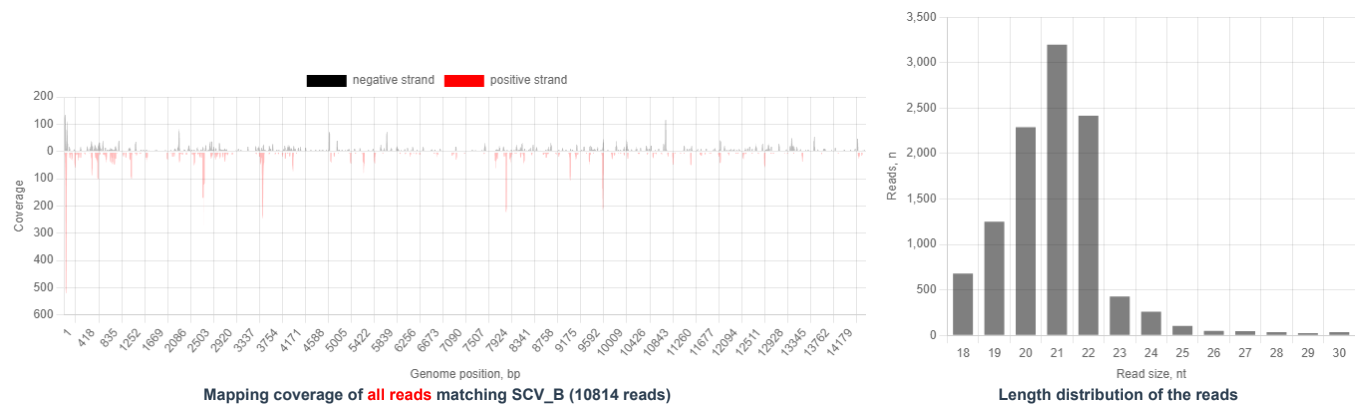


Mappings of the 2A_2 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SCV	SCV_A	13189	0.132	90.7	0.8	38.4	11245	85.3	77.3

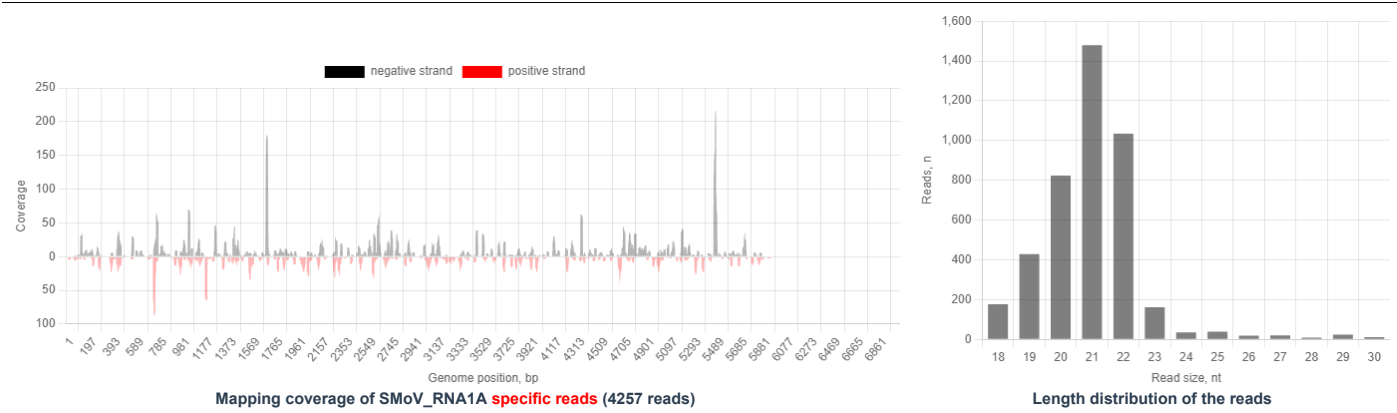
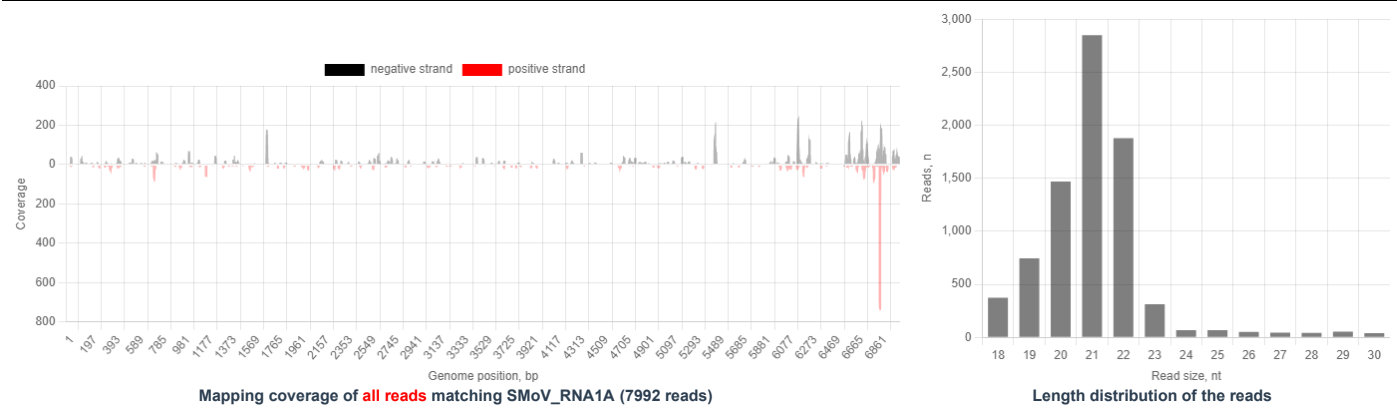


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SCV	SCV_B	10814	0.108	74.3	0.8	43.3	8870	82.0	60.9

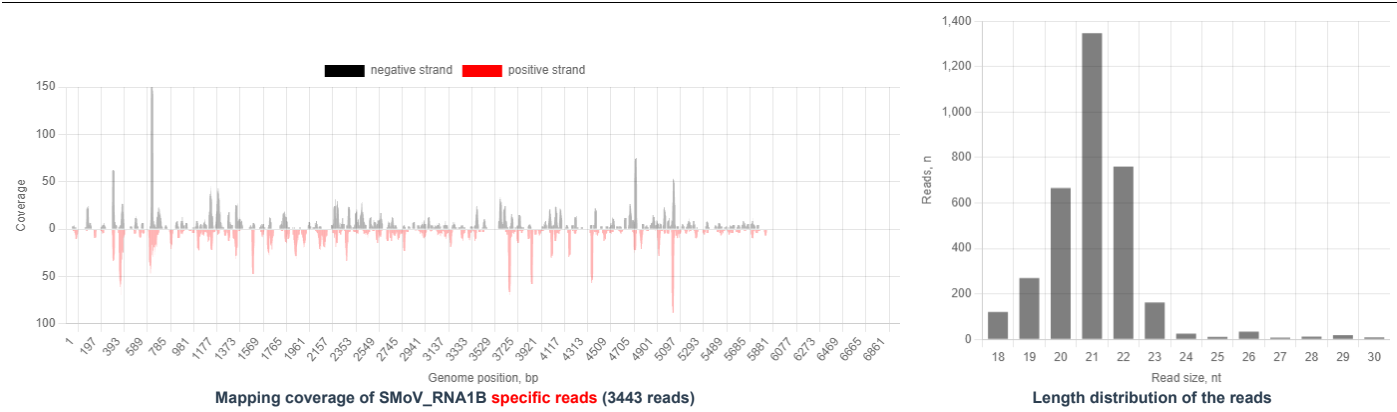
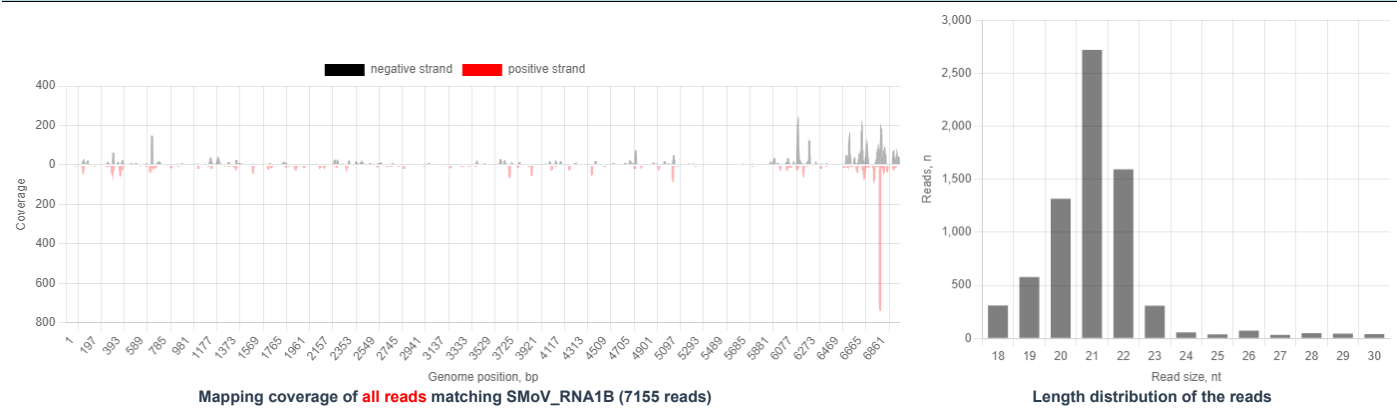


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SMoV	SMoV_RNA1A	7992	0.080	113.6	1.5	37.2	4257	53.3	60.5

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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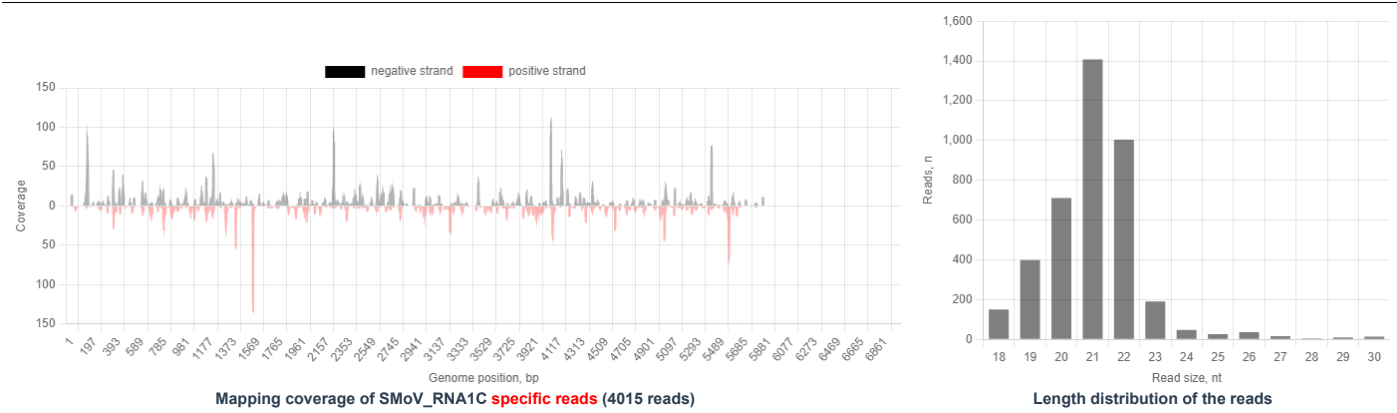
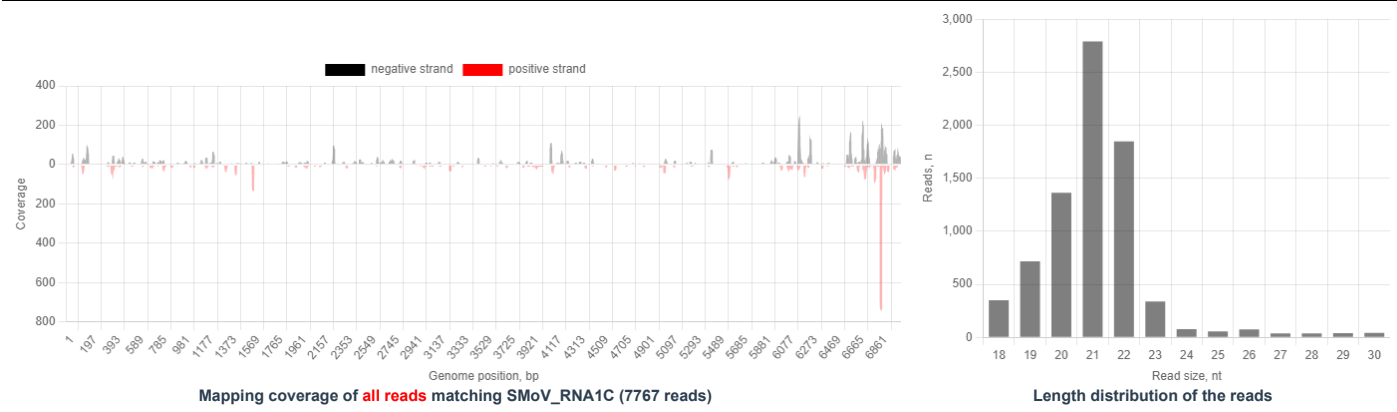


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SMoV	SMoV_RNA1B	7155	0.072	101.5	1.1	37.9	3443	48.1	48.8

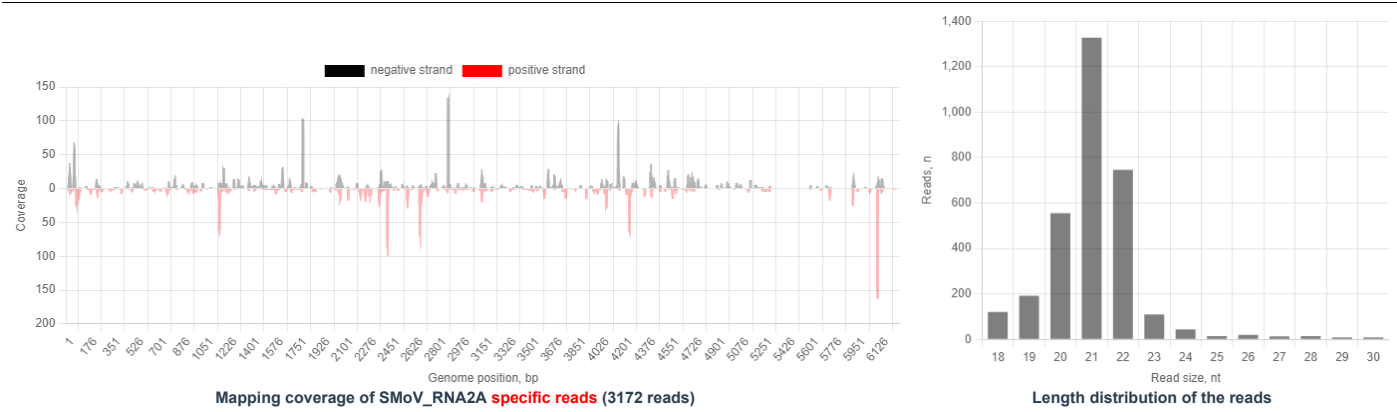
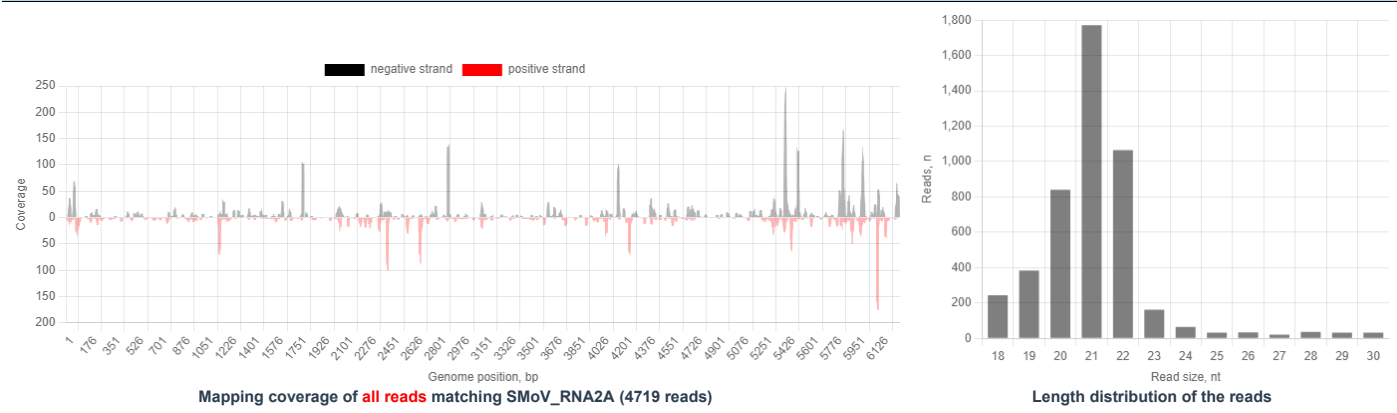


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SMoV	SMoV_RNA1C	7767	0.078	110.3	1.3	38.7	4015	51.7	57.0

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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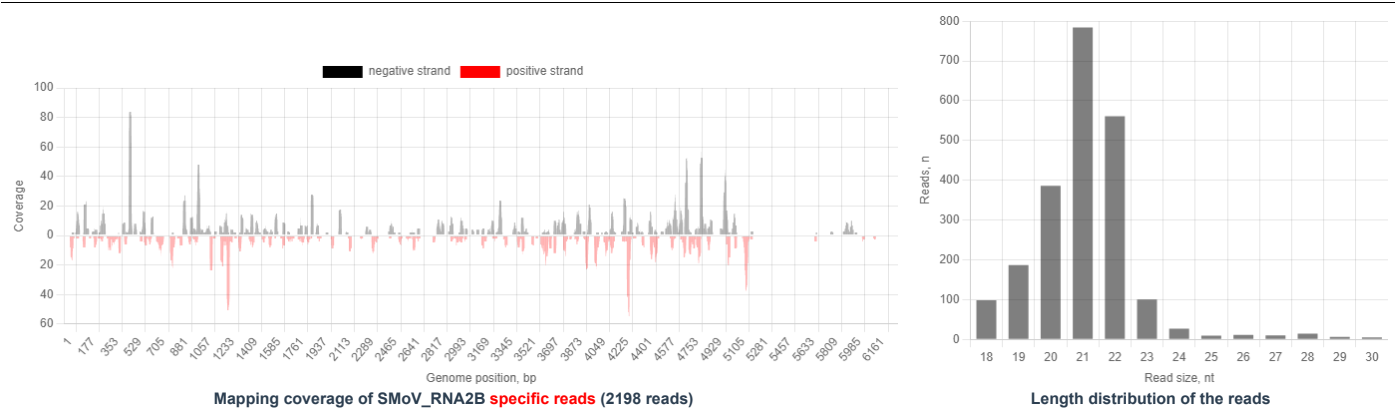
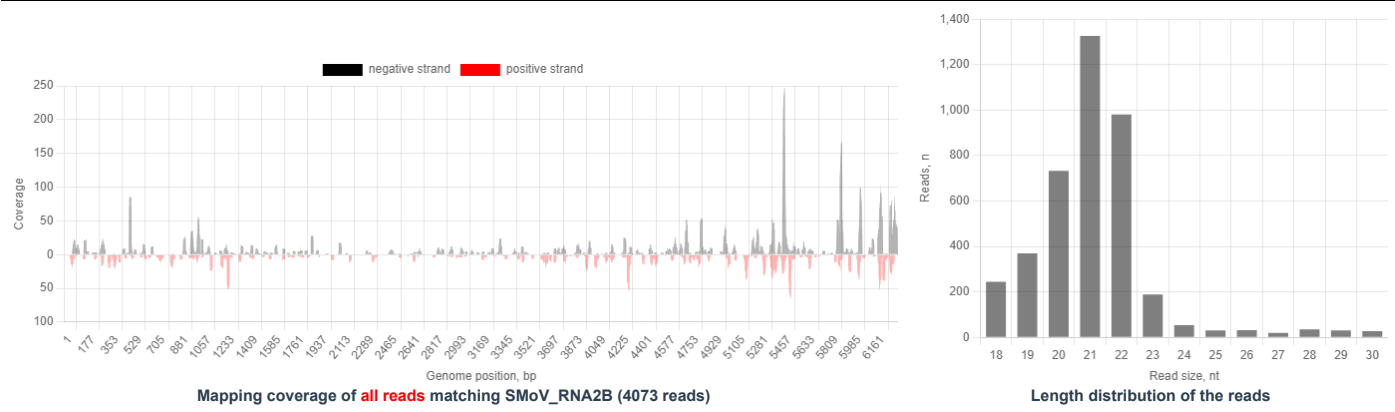


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SMoV	SMoV_RNA2A	4719	0.047	75.3	1.5	42.2	3172	67.2	50.6

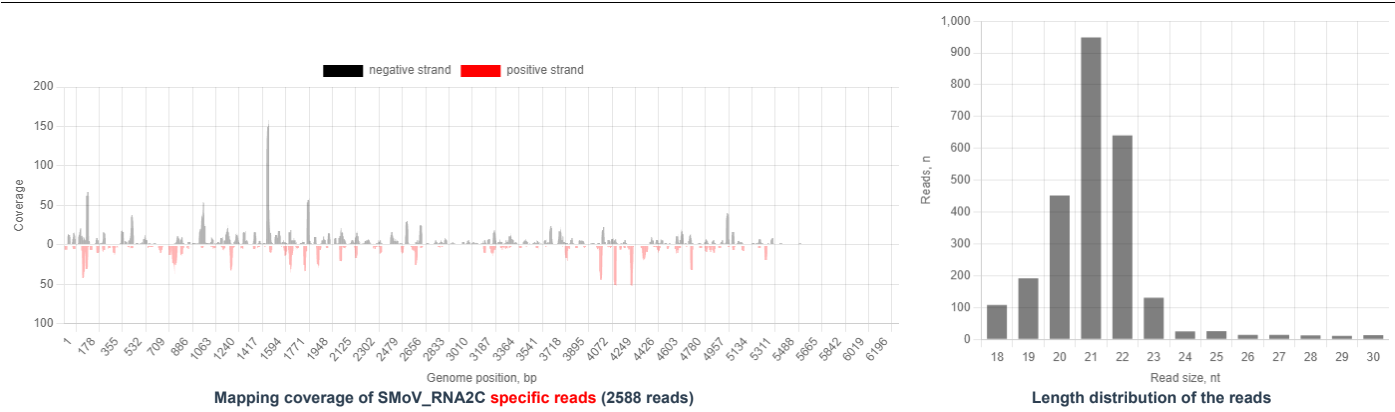
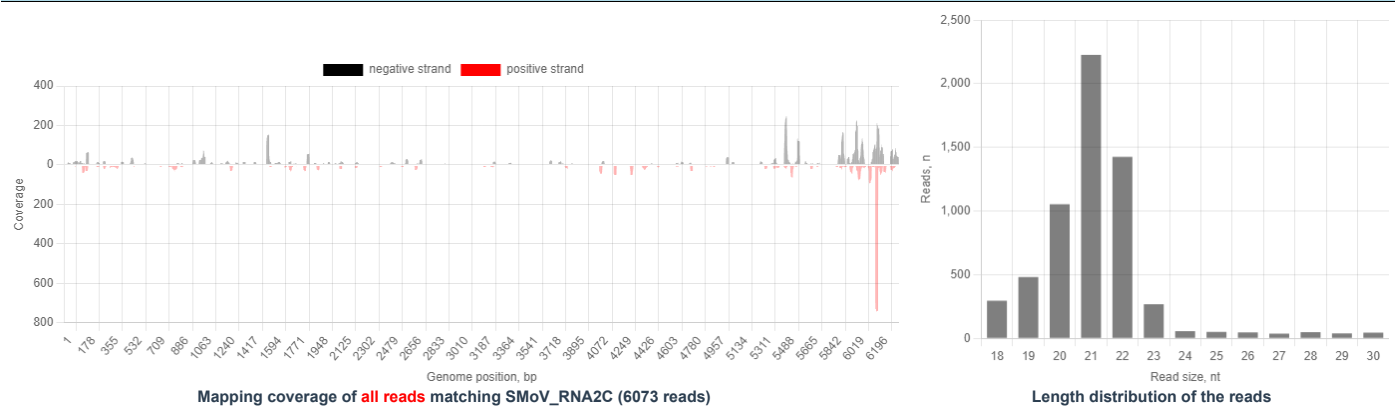


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SMoV	SMoV_RNA2B	4073	0.041	64.4	1.6	46.4	2198	54.0	34.8

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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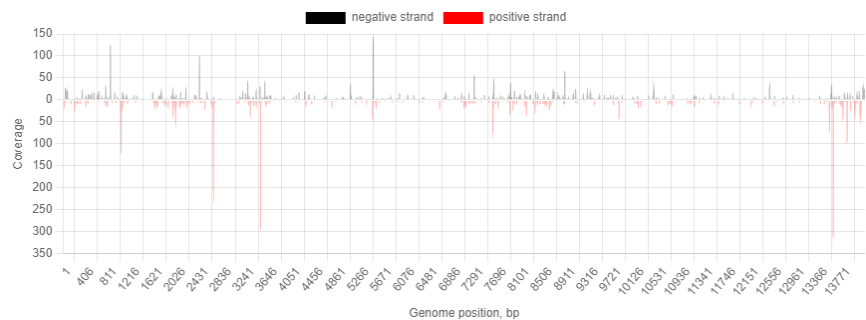


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	SMoV	SMoV_RNA2C	6073	0.061	95.8	1.4	36.7	2588	42.6	40.8

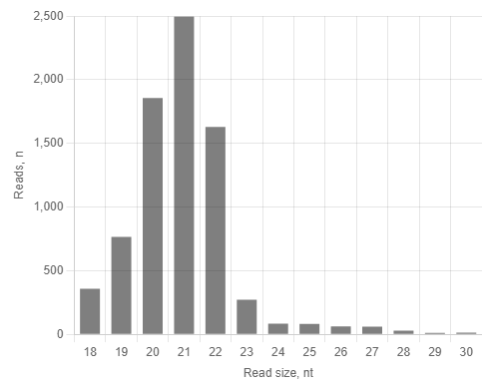


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	StrV1	StrV1_A	7722	0.077	54.5	0.9	43.7	6044	78.3	42.7

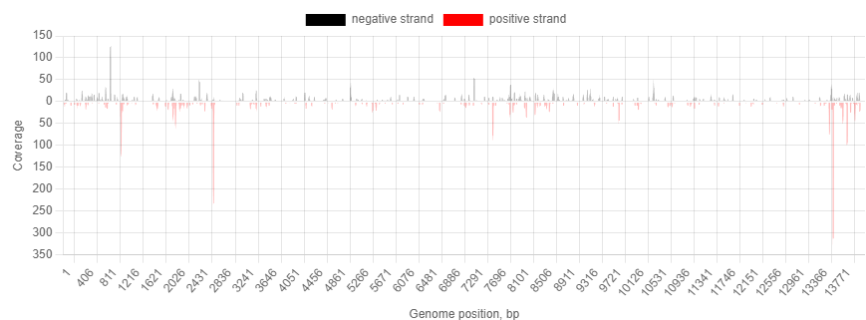
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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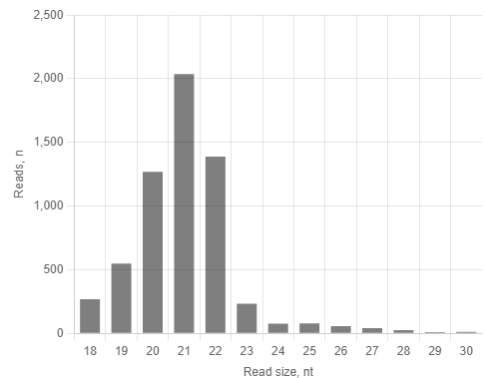
Mapping coverage of **all reads matching StrV1_A (7722 reads)**



Length distribution of the reads

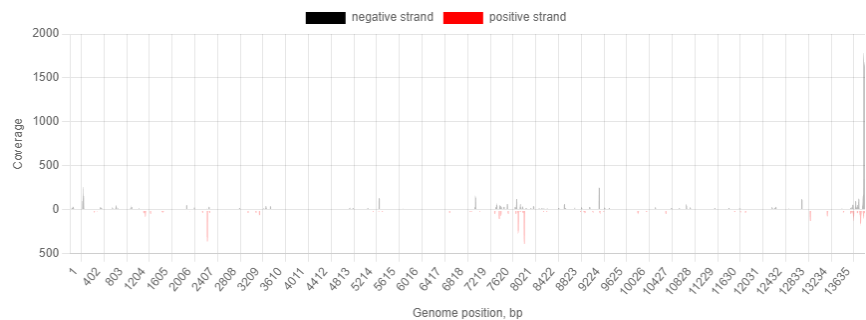


Mapping coverage of **StrV1_A specific reads (6044 reads)**

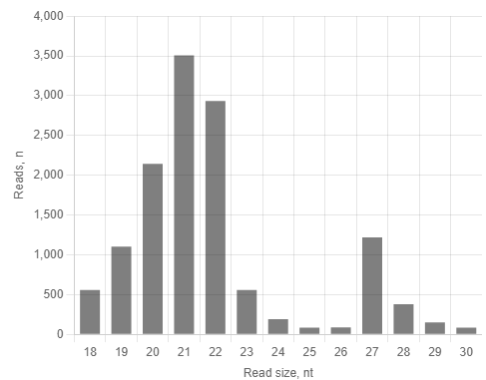


Length distribution of the reads

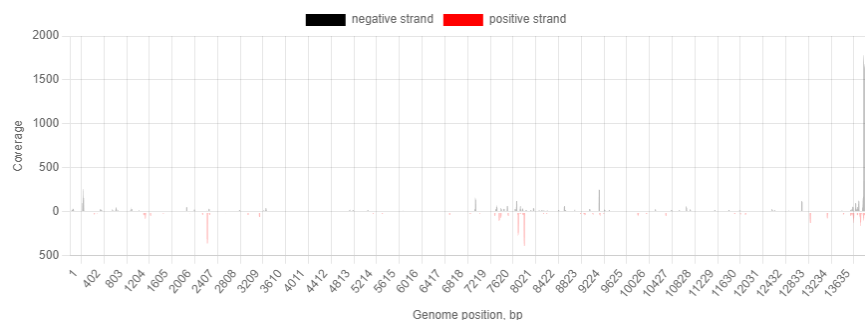
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	StrV1	StrV1_B	12995	0.130	92.6	1.3	34.6	12448	95.8	88.7



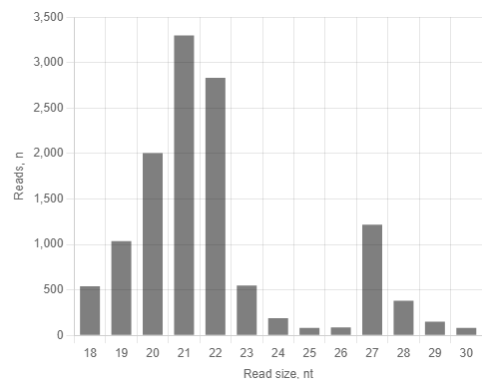
Mapping coverage of **all reads matching StrV1_B (12995 reads)**



Length distribution of the reads



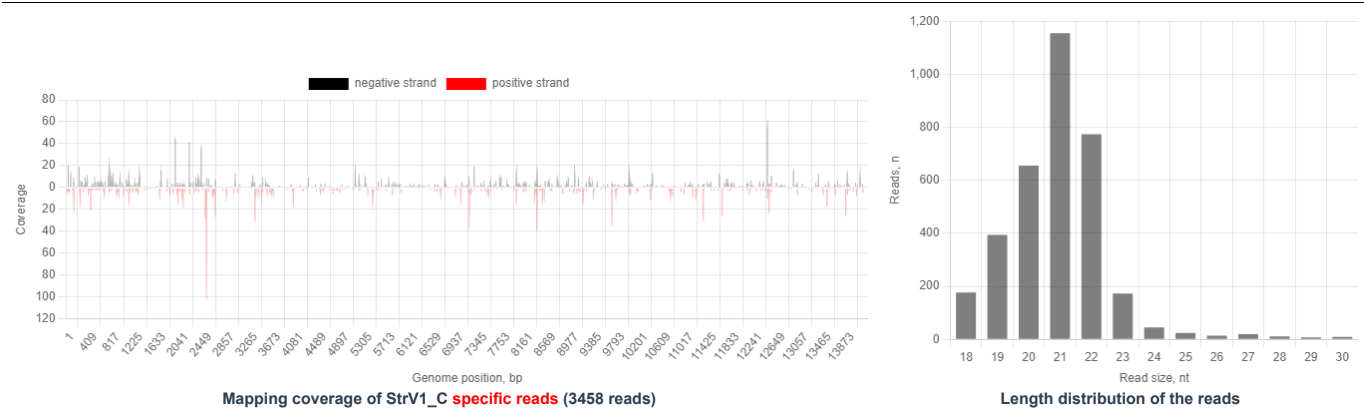
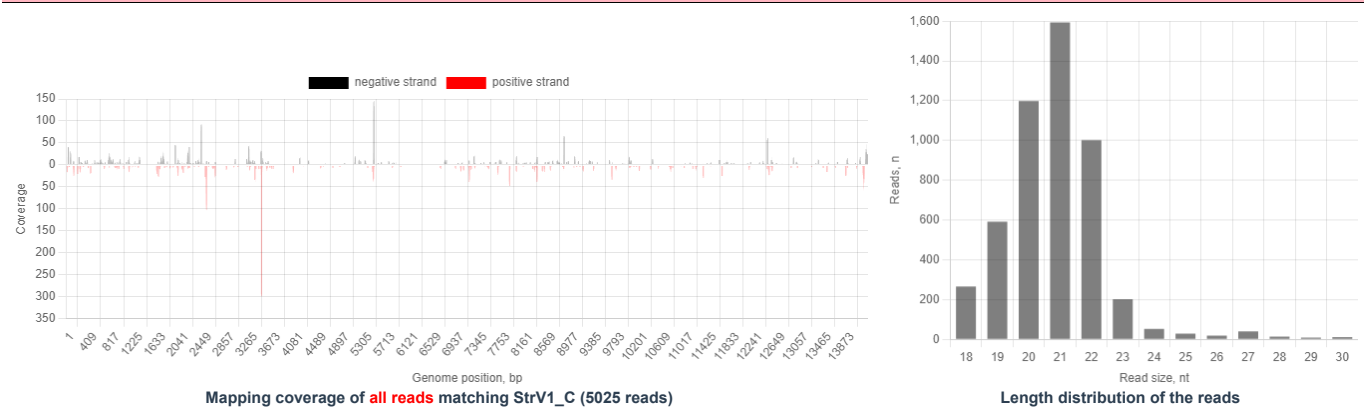
Mapping coverage of **StrV1_B specific reads (12448 reads)**



Length distribution of the reads

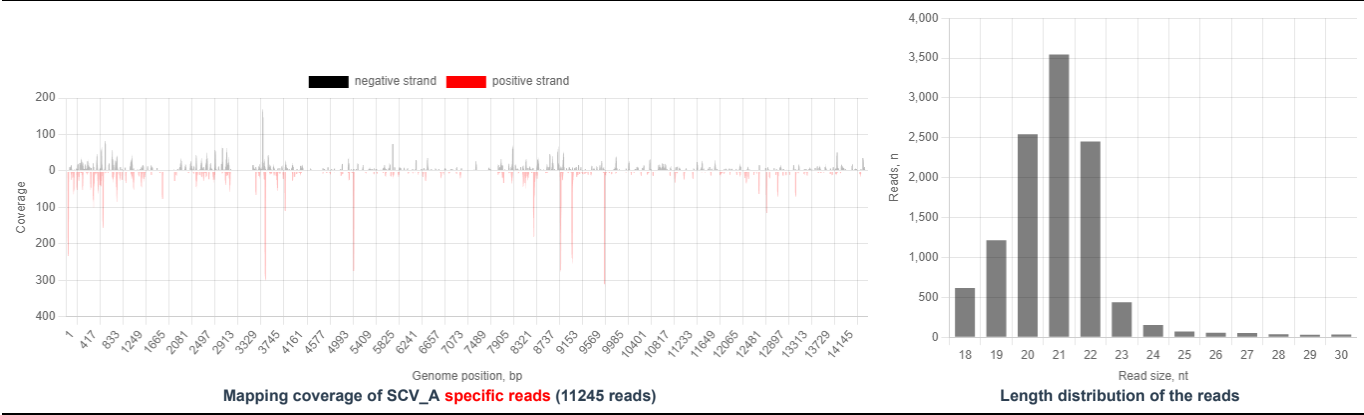
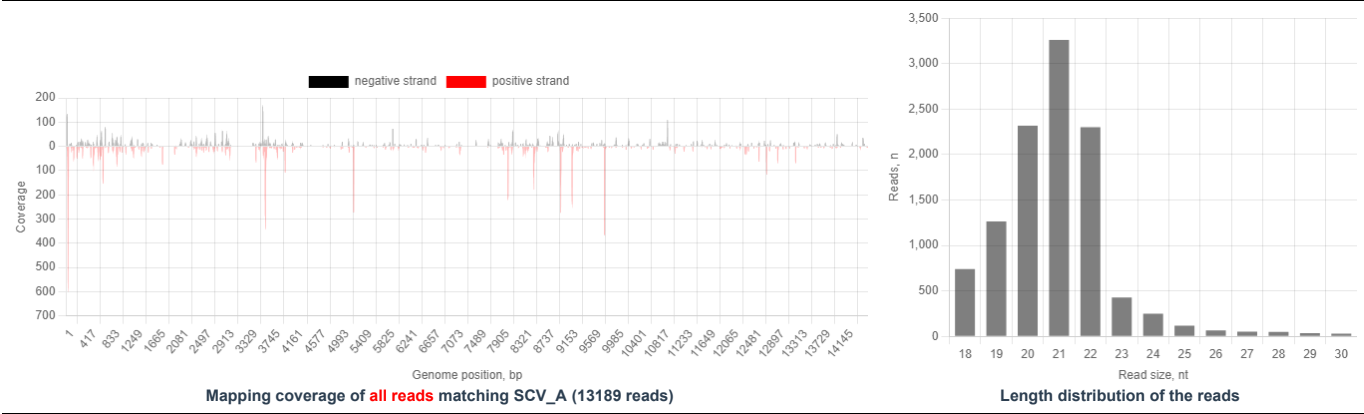
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_2	10000000	StrV1	StrV1_C	5025	0.050	35.3	1.0	47.7	3458	68.8	24.3

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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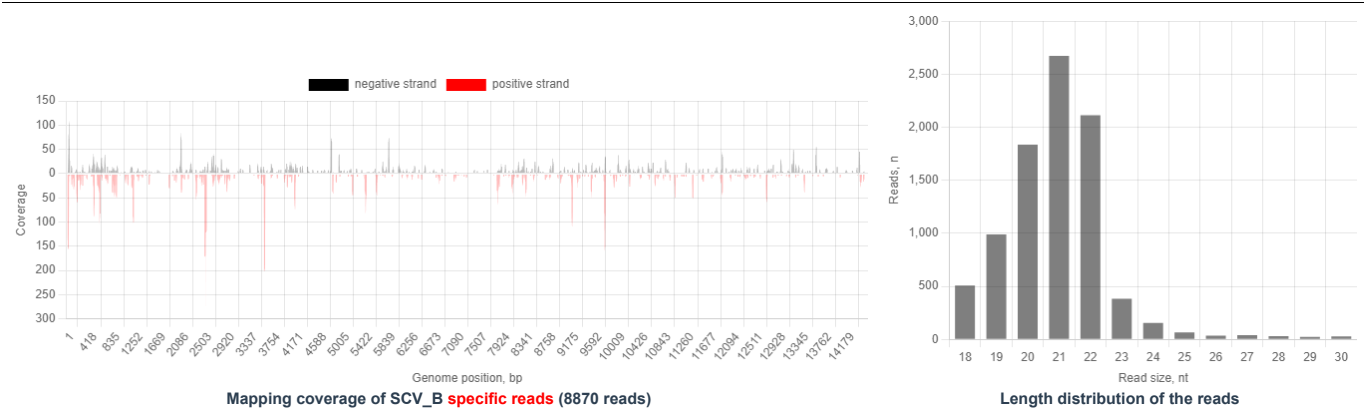
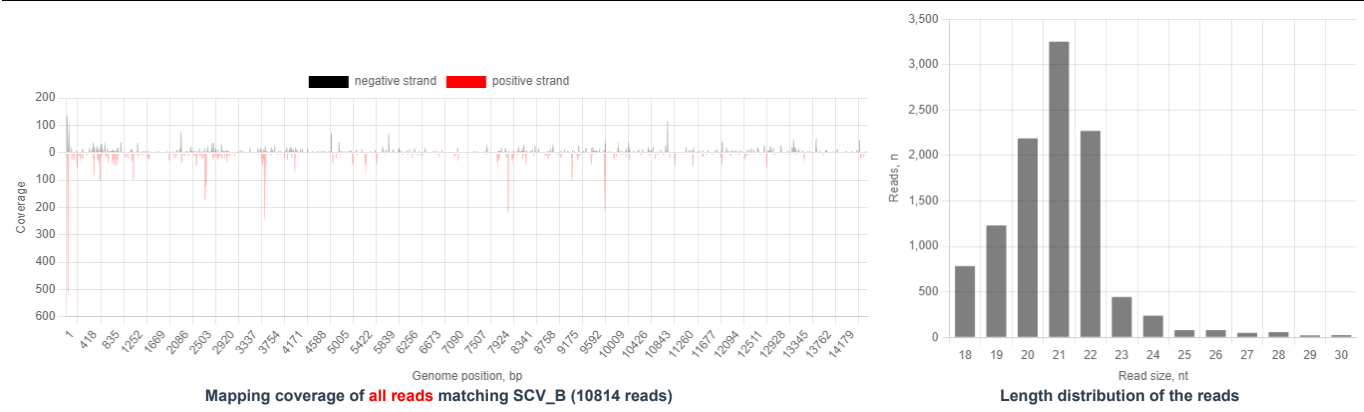
Mappings of the 2A_3 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SCV	SCV_A	10906	0.109	75.0	0.8	34.3	11245	103.1	62.3

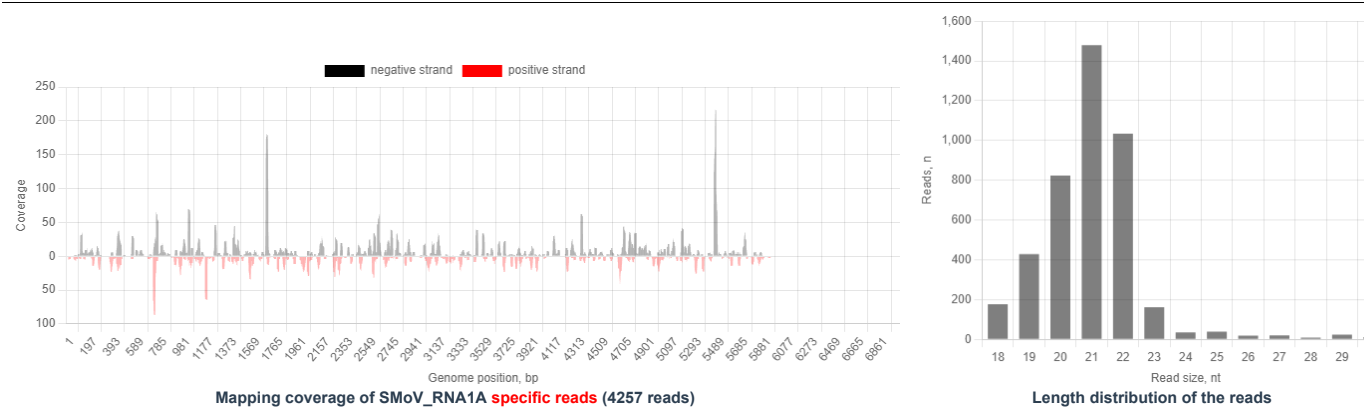
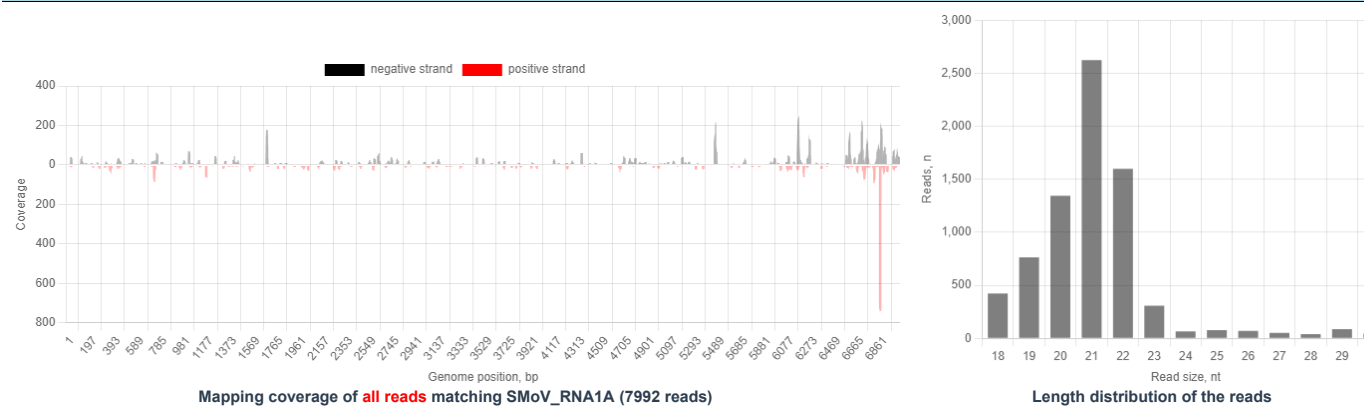


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SCV	SCV_B	10718	0.107	73.6	0.8	34.9	8870	82.8	61.0

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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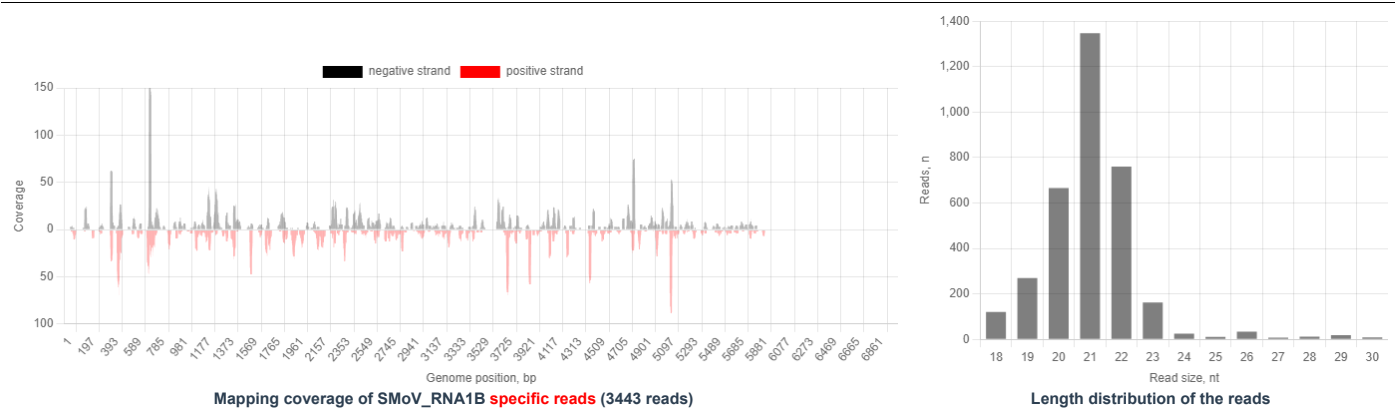
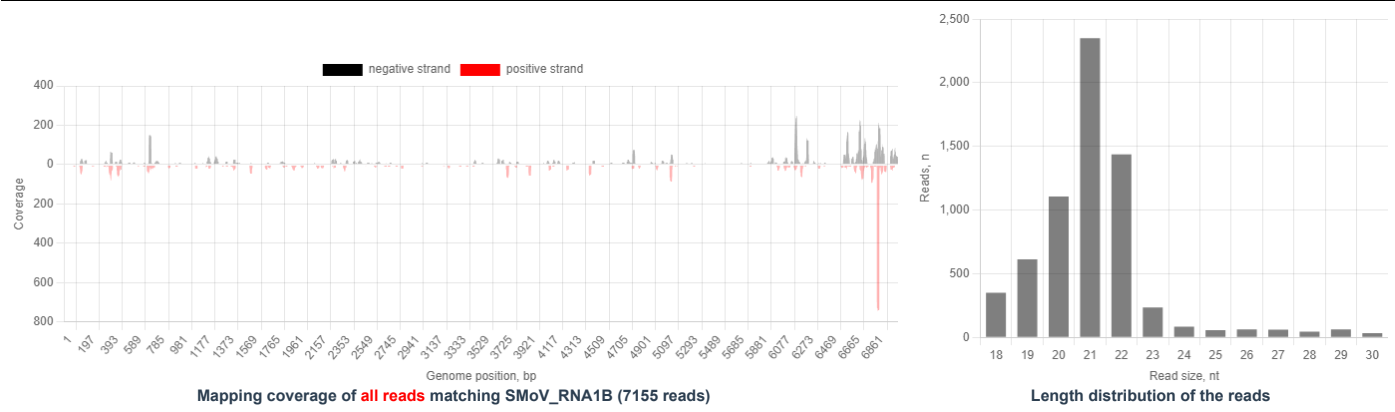


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SMoV	SMoV_RNA1A	7497	0.075	106.6	1.6	31.9	4257	56.8	57.1

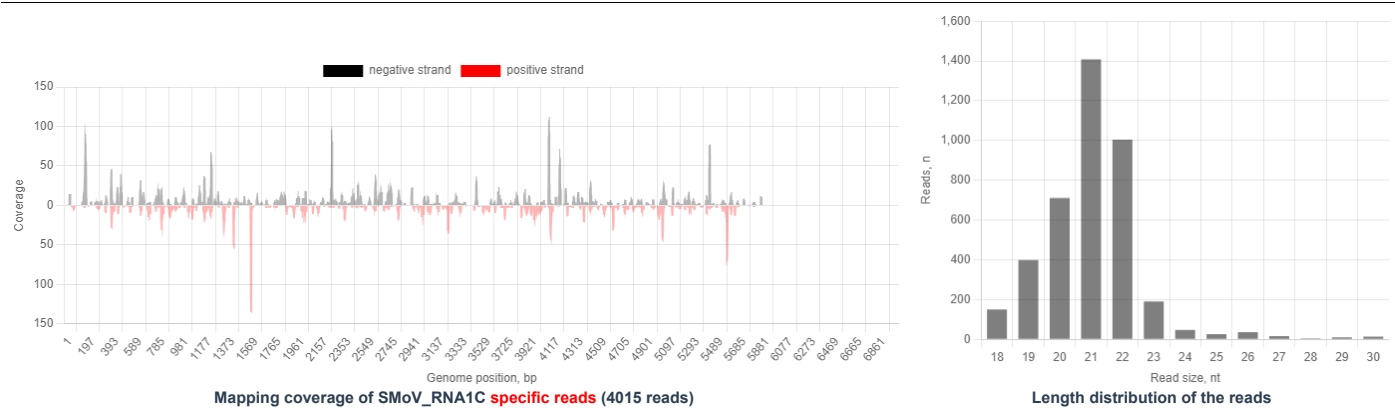
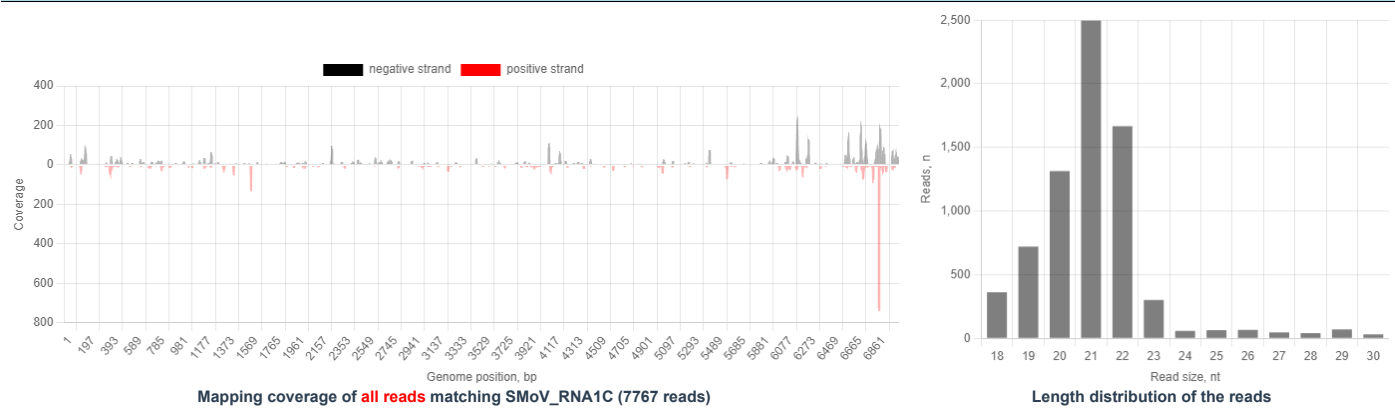


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SMoV	SMoV_RNA1B	6494	0.065	92.1	1.3	32.6	3443	53.0	44.0

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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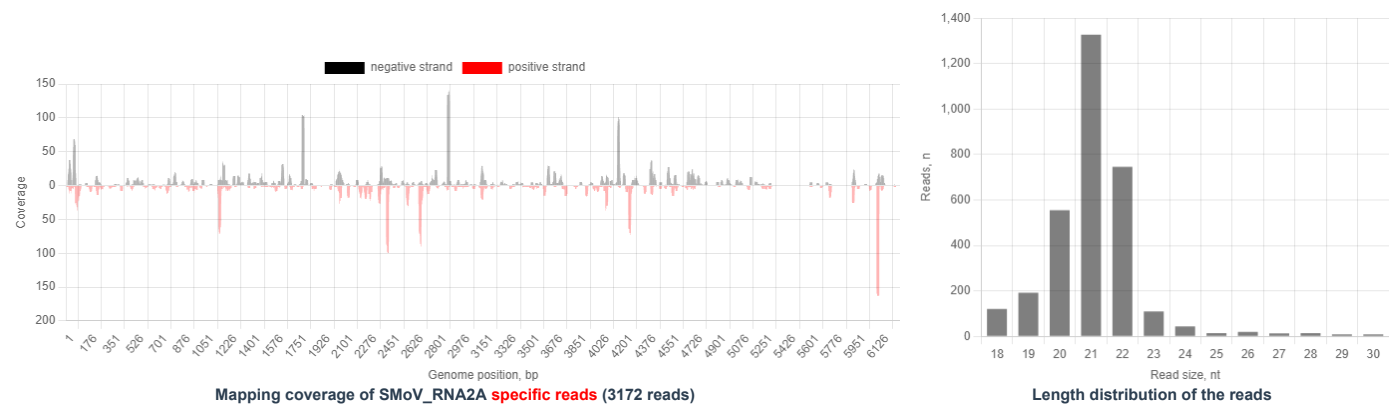
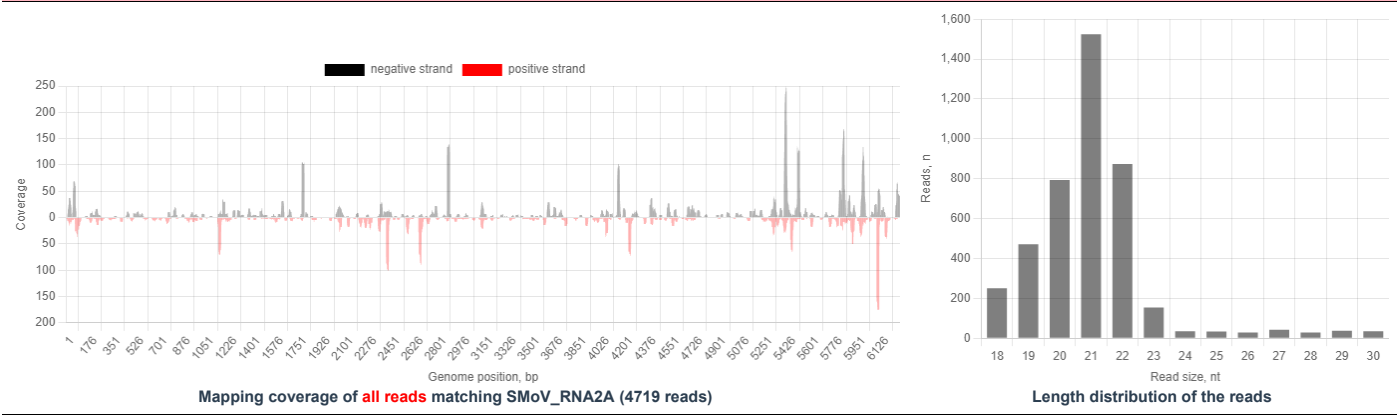


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SMoV	SMoV_RNA1C	7238	0.072	102.8	1.4	33.0	4015	55.5	53.6

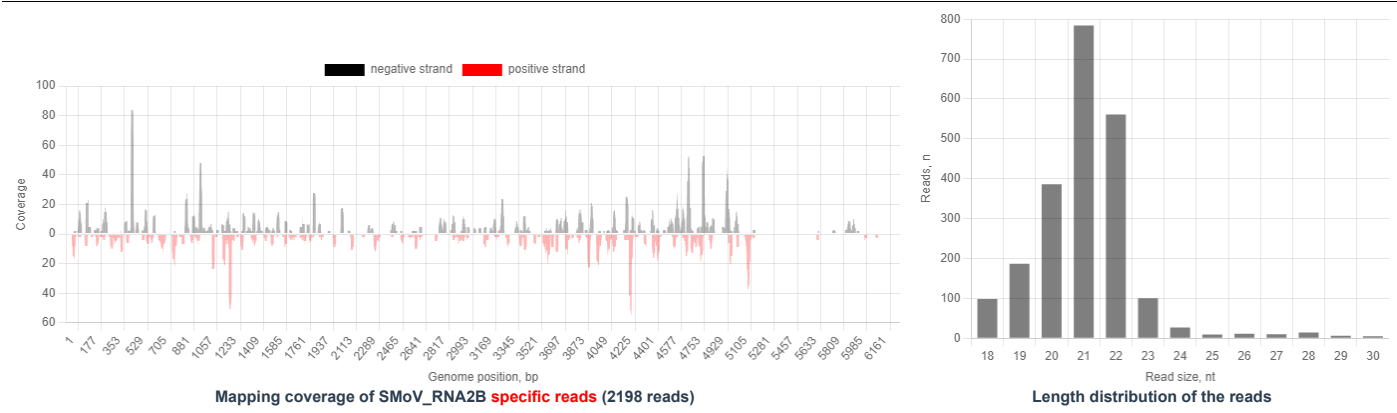
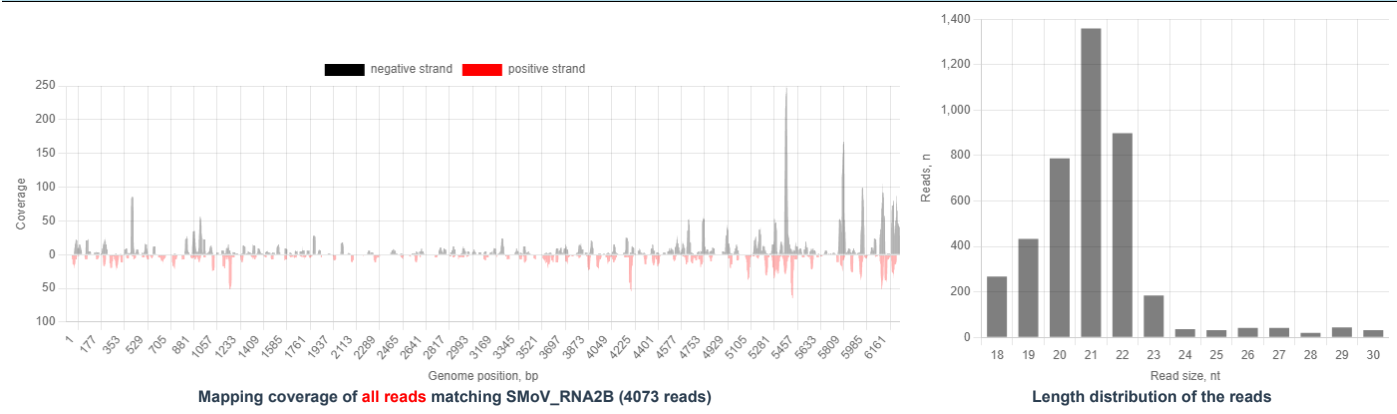


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SMoV	SMoV_RNA2A	4309	0.043	68.8	1.7	35.0	3172	73.6	42.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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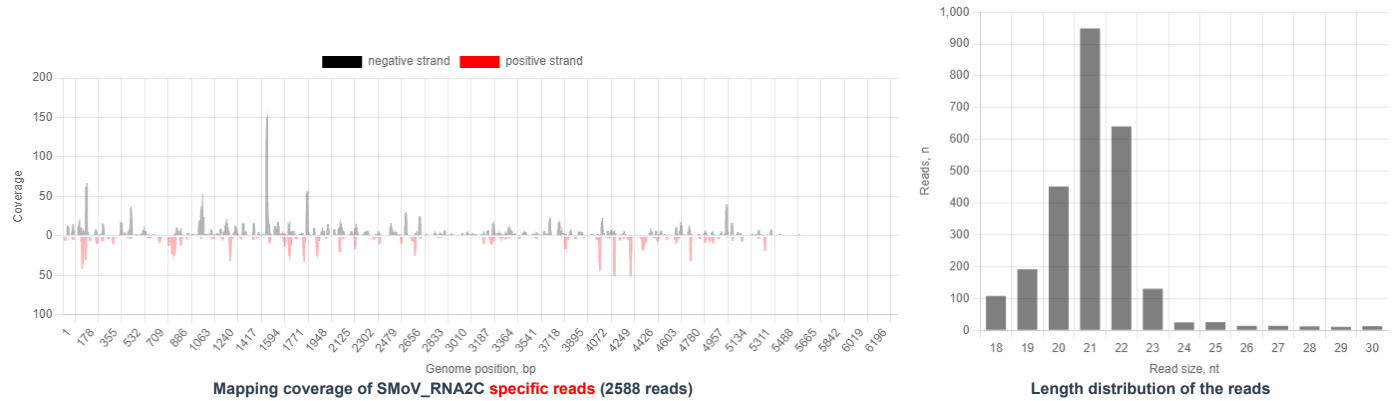
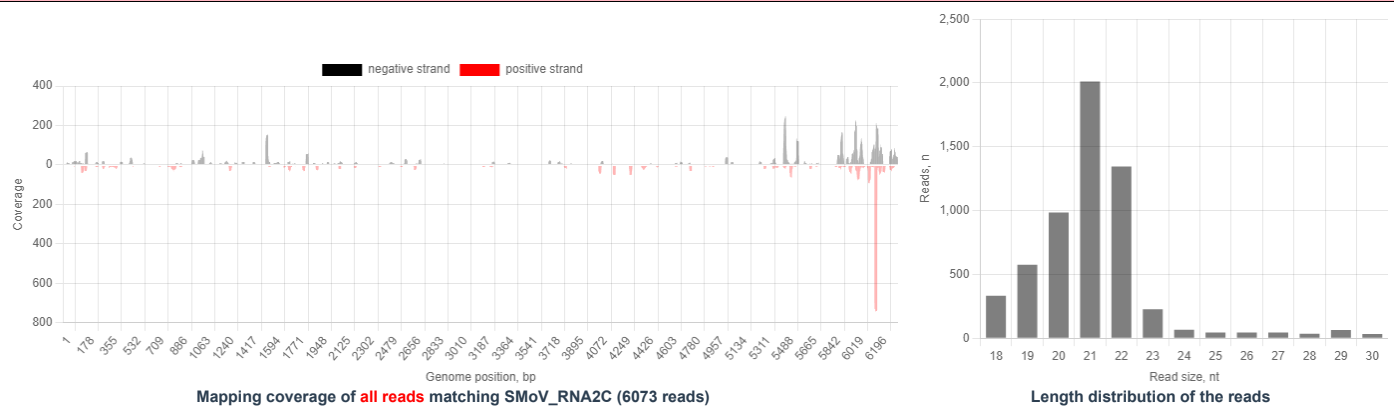


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SMoV	SMoV_RNA2B	4178	0.042	66.1	1.6	36.2	2198	52.6	35.7

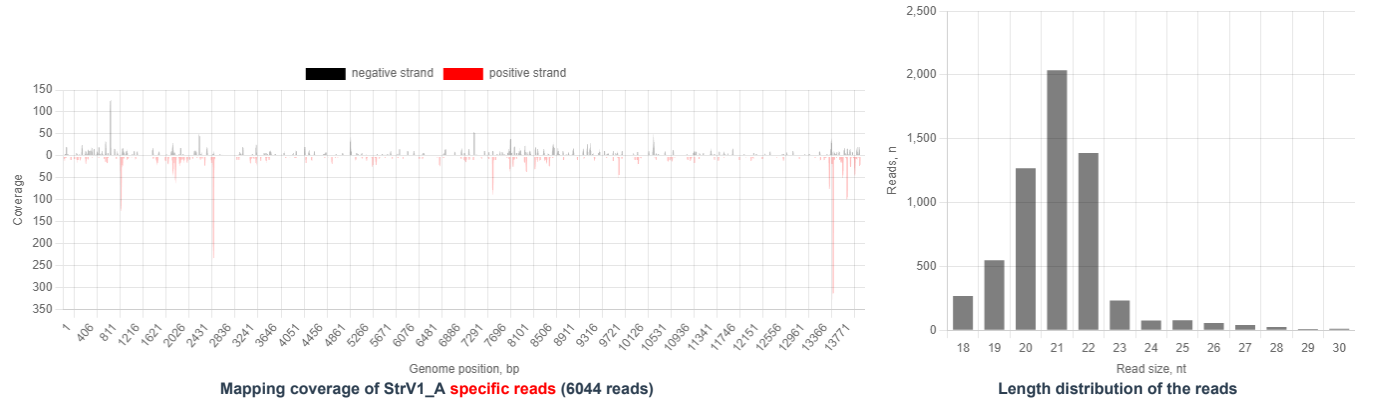
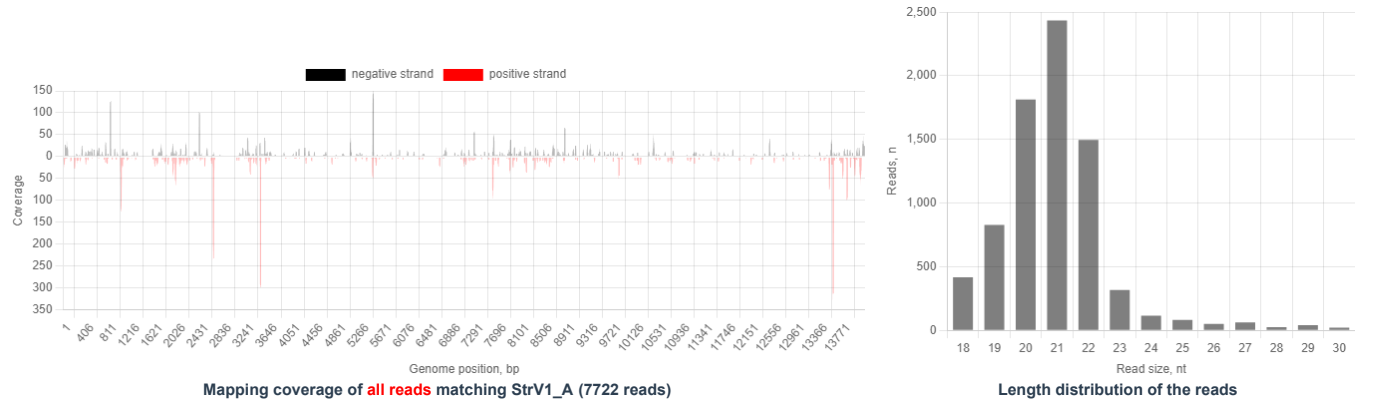


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	SMoV	SMoV_RNA2C	5810	0.058	91.7	1.4	31.3	2588	44.5	41.3

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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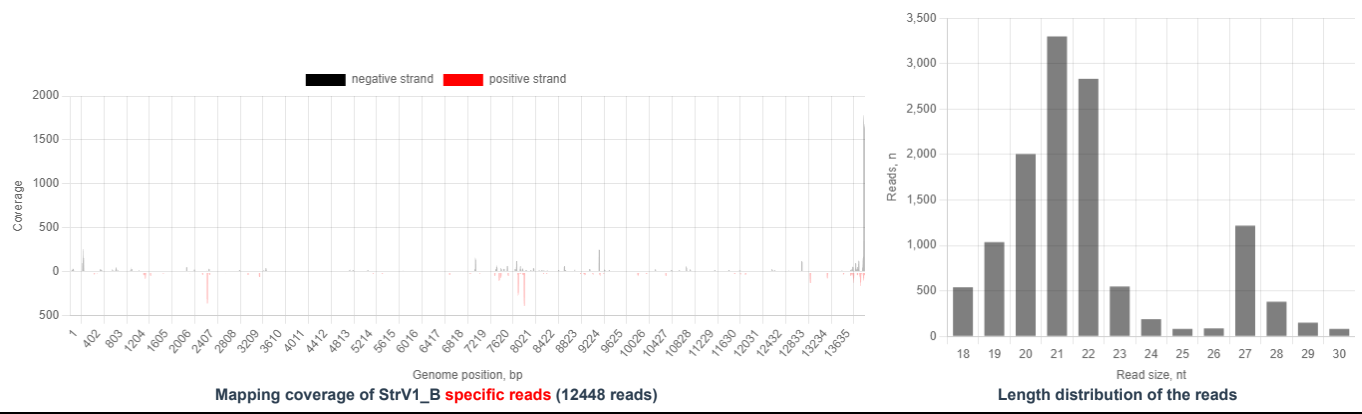
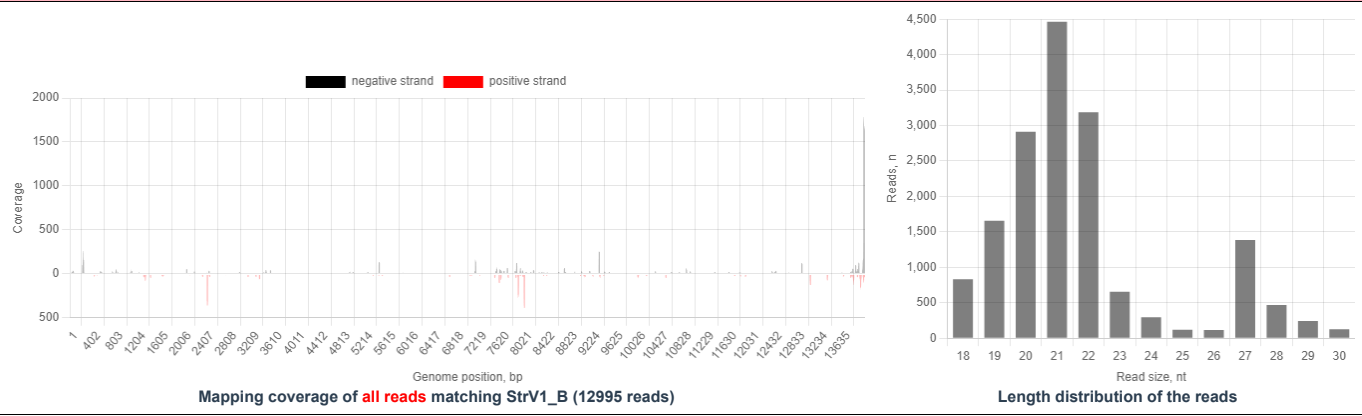


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	StrV1	StrV1_A	7704	0.077	54.4	0.9	35.7	6044	78.5	43.7

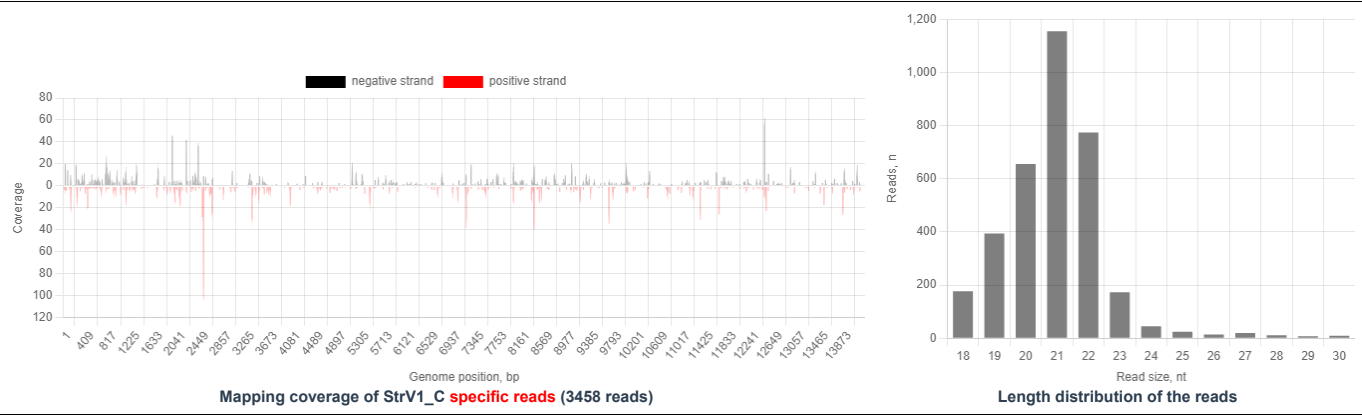
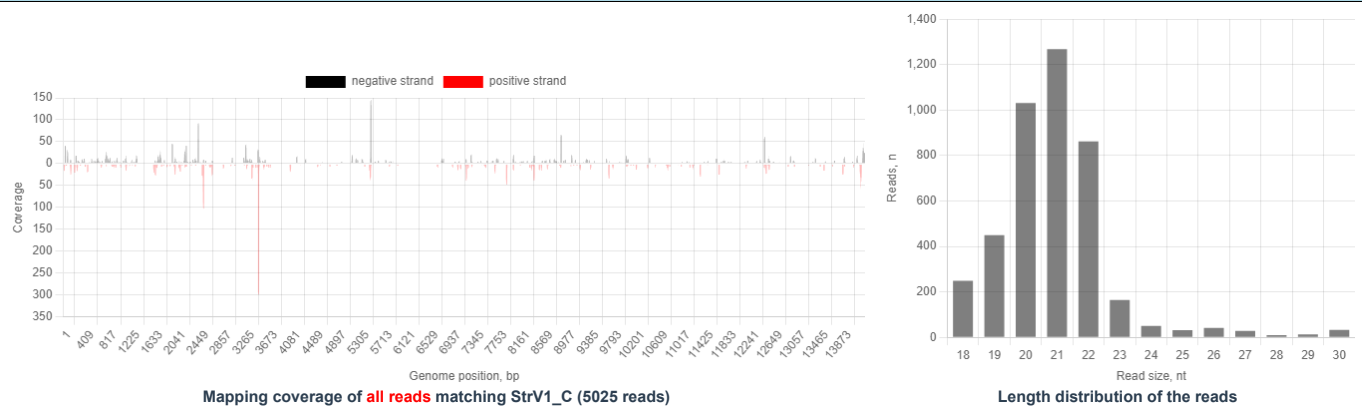


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	StrV1	StrV1_B	16466	0.165	117.4	1.4	26.9	12448	75.6	112.9

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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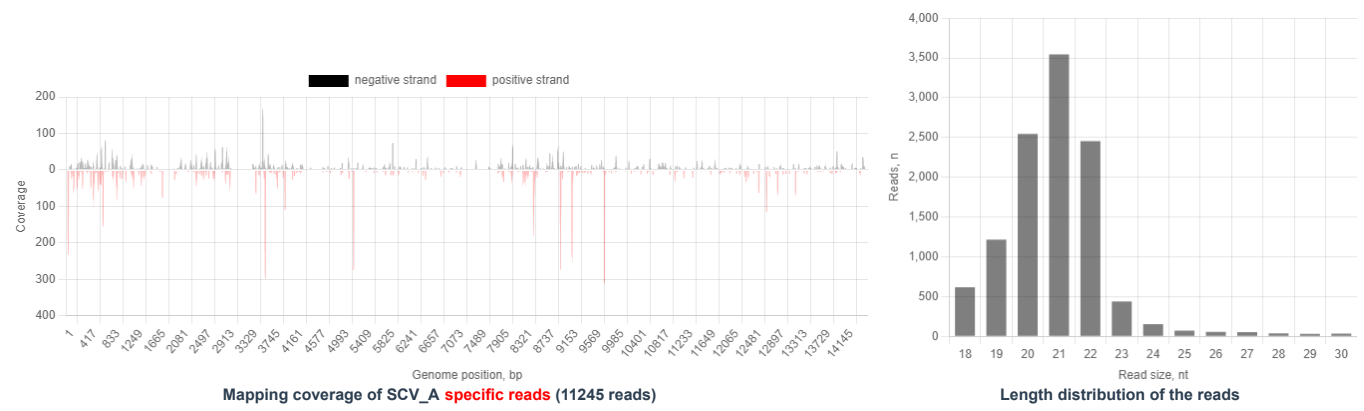
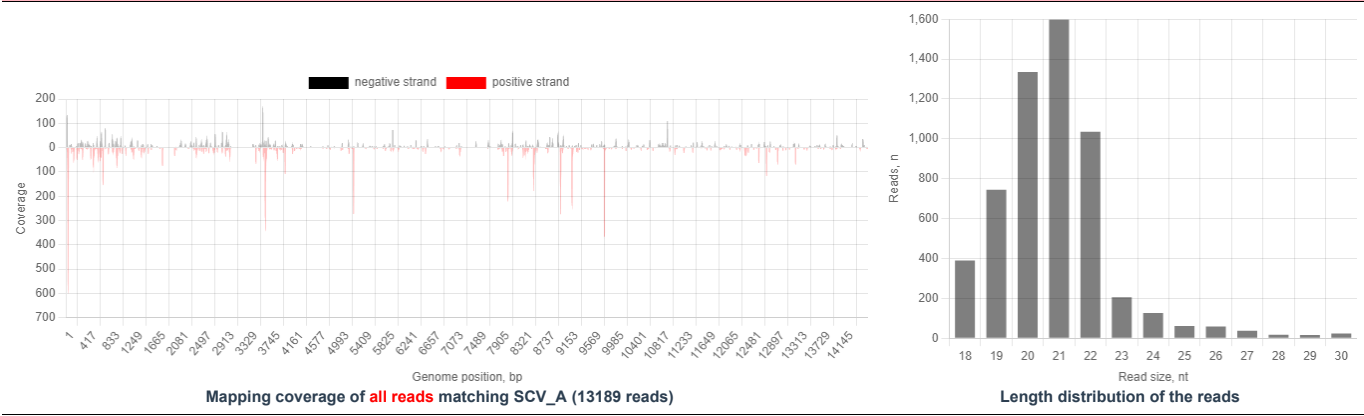
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_3	10000000	StrV1	StrV1_C	4232	0.042	29.7	1.1	38.4	3458	81.7	20.1



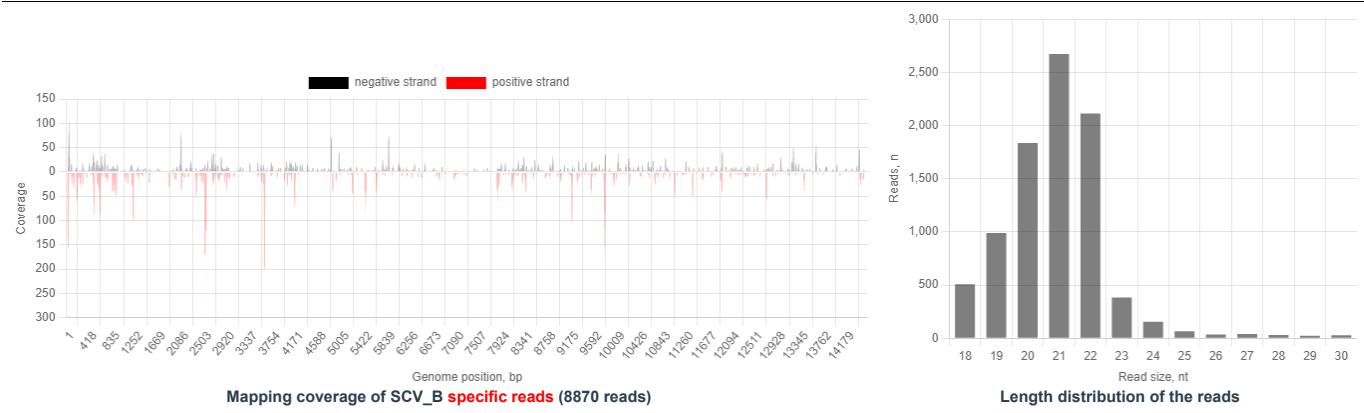
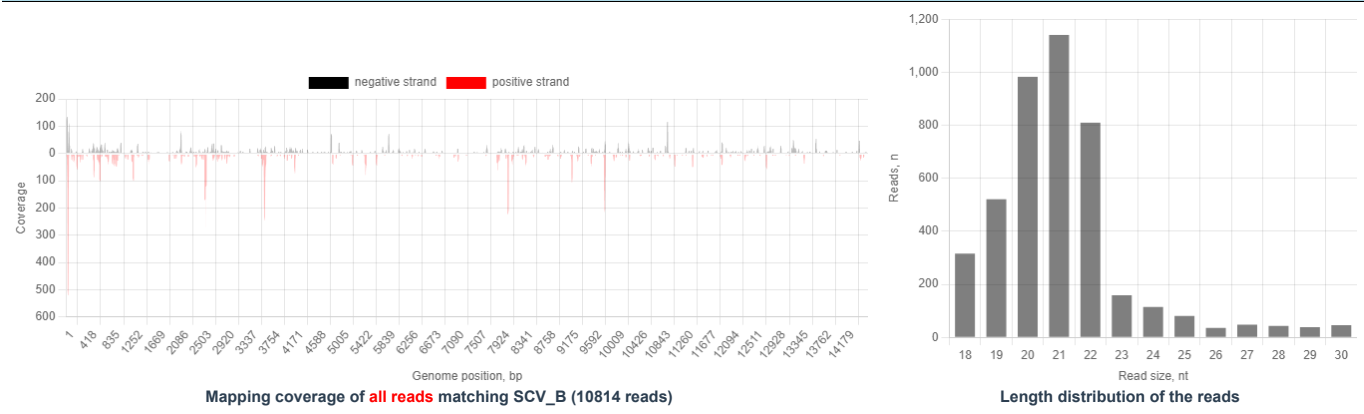
Mappings of the 2A_4 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SCV	SCV_A	5649	0.056	38.8	0.8	32.4	11245	199.1	33.1

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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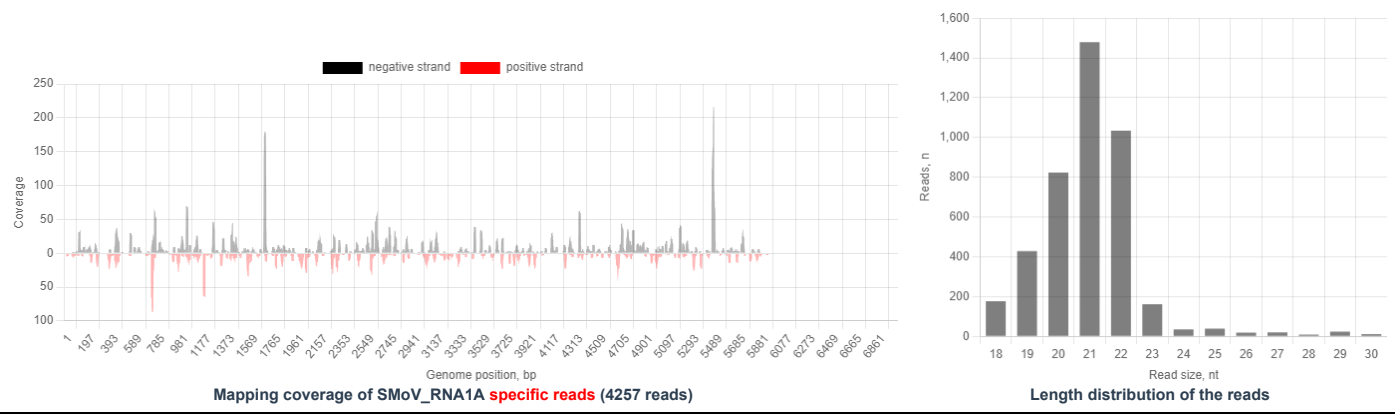
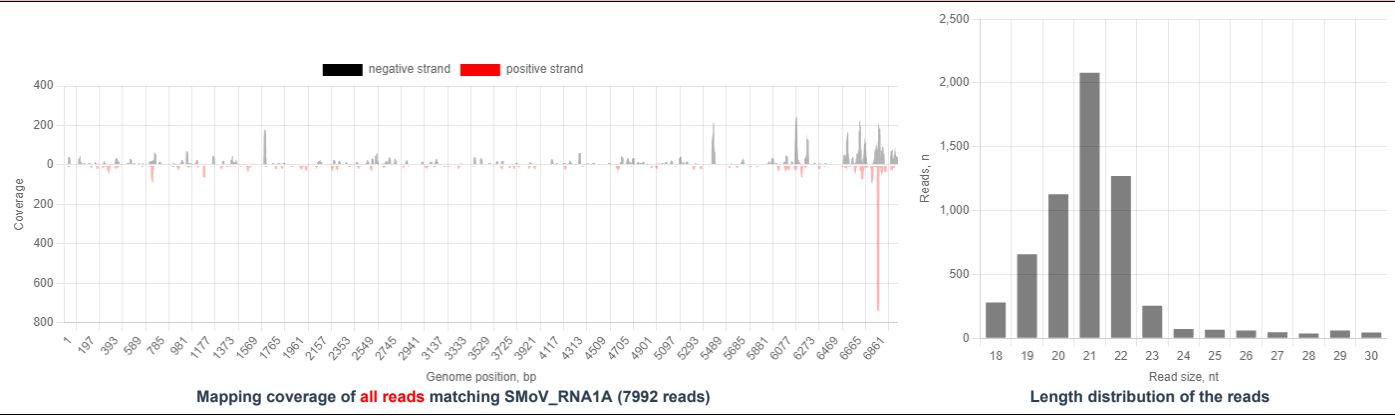


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SCV	SCV_B	4337	0.043	29.8	0.8	35.0	8870	204.5	24.1

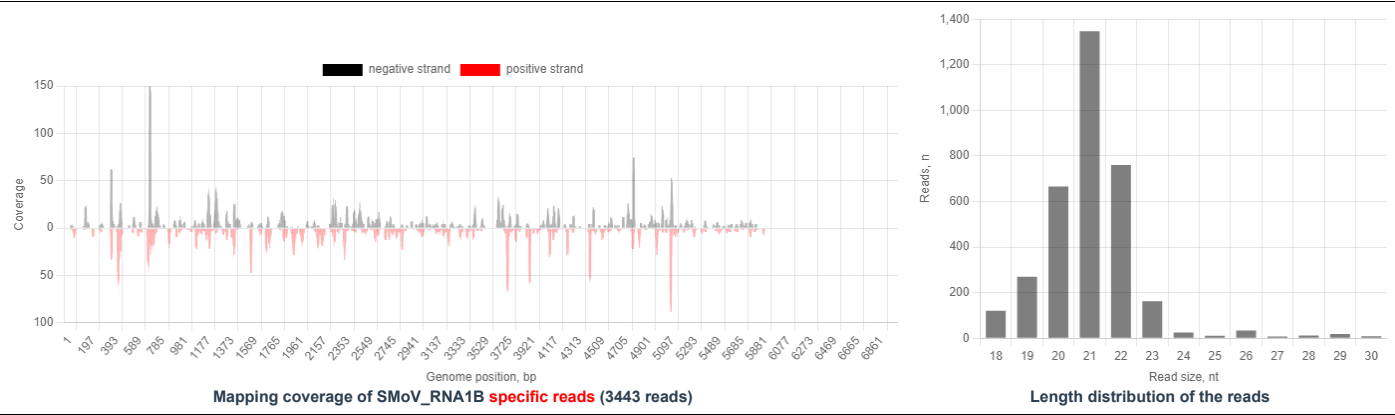
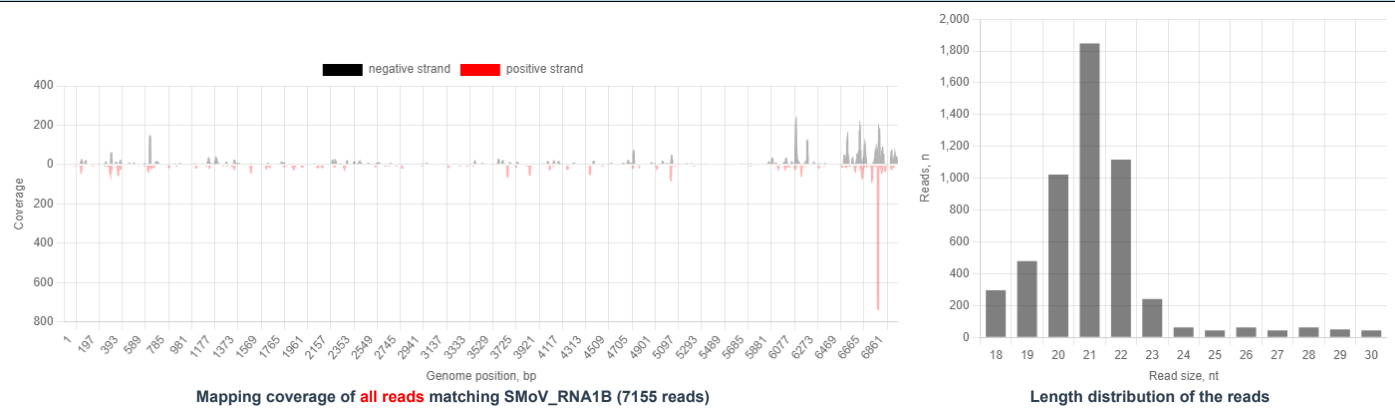


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SMoV	SMoV_RNA1A	6062	0.061	86.2	1.5	28.3	4257	70.2	47.5

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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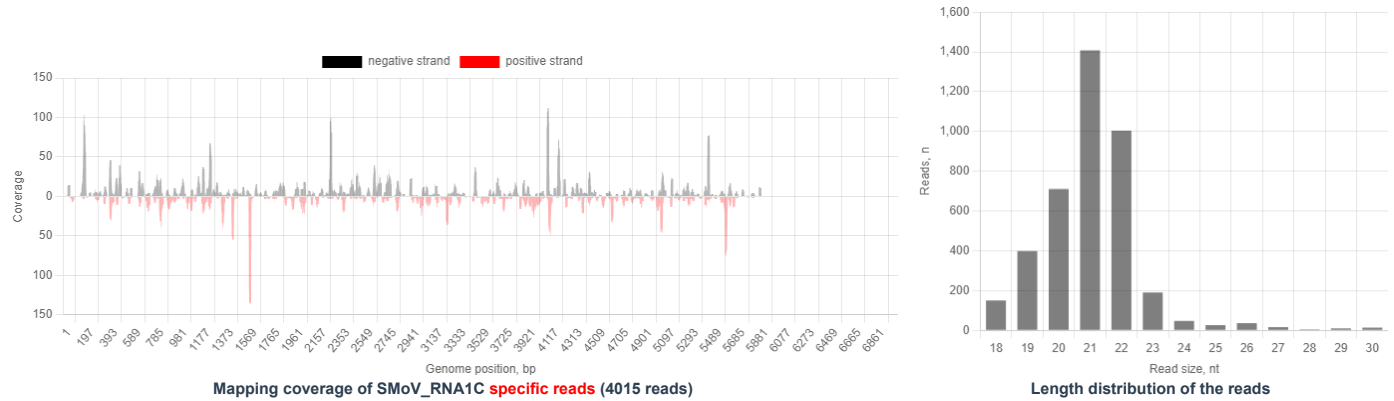
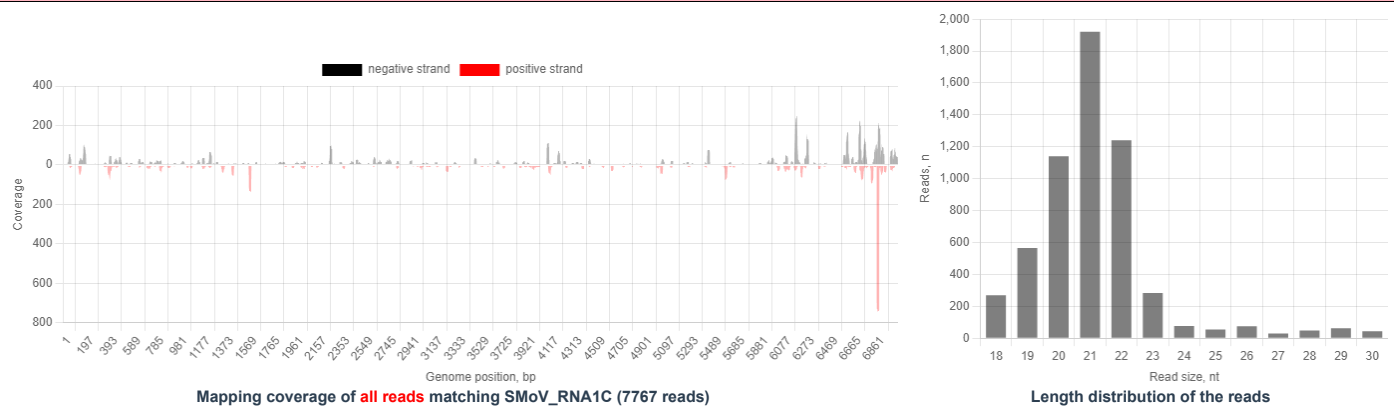


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SMoV	SMoV_RNA1B	5372	0.054	76.2	1.2	29.5	3443	64.1	38.0

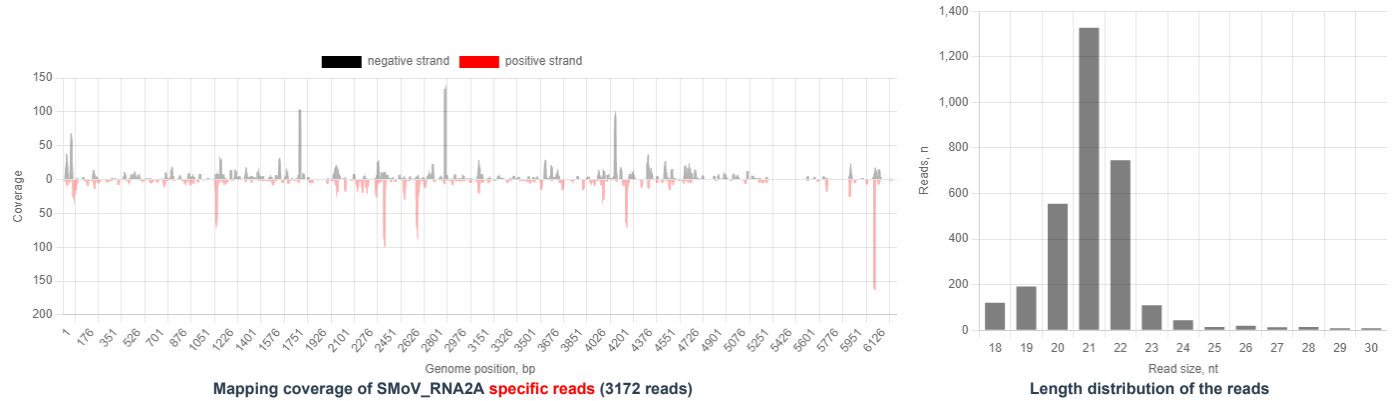
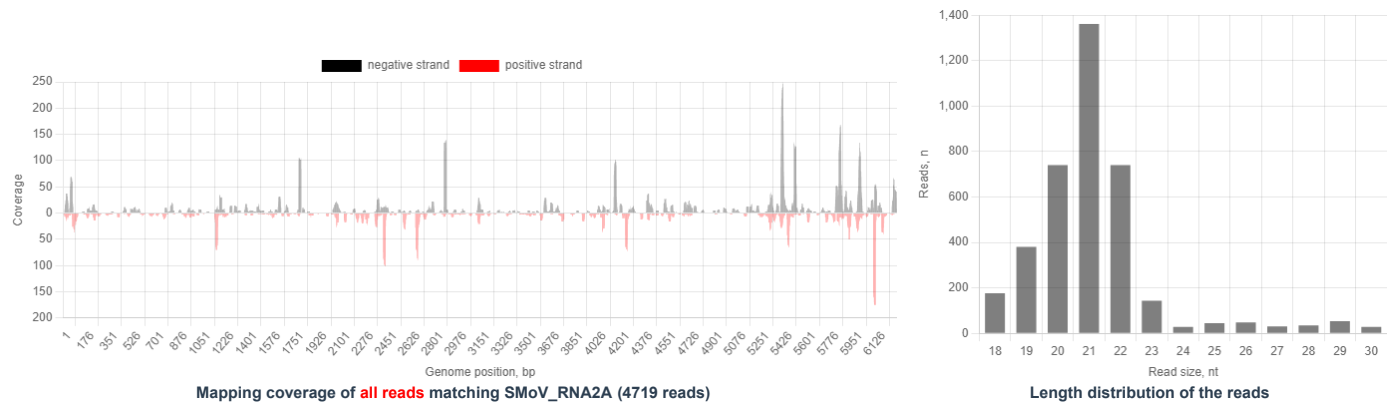


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SMoV	SMoV_RNA1C	5813	0.058	82.6	1.3	29.1	4015	69.1	43.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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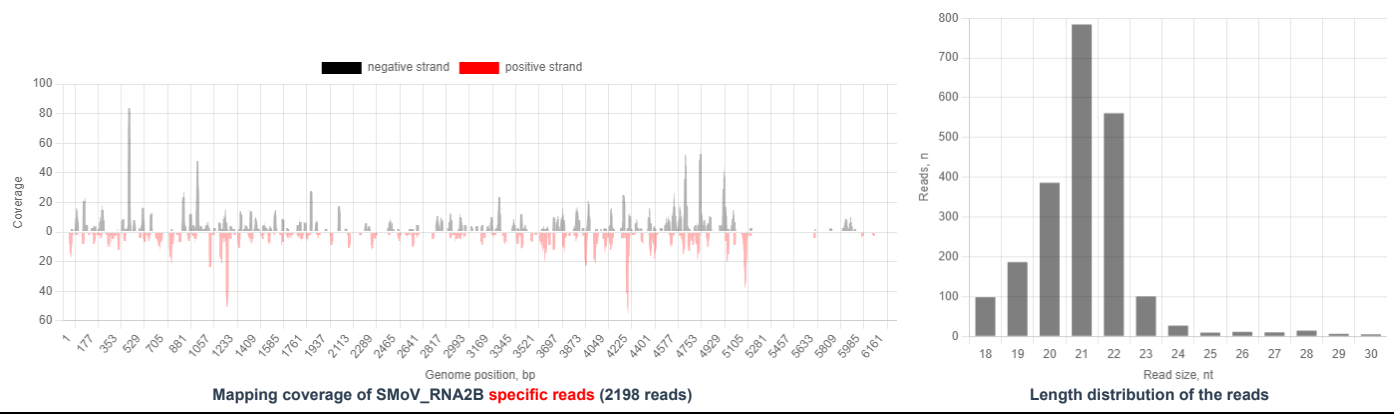
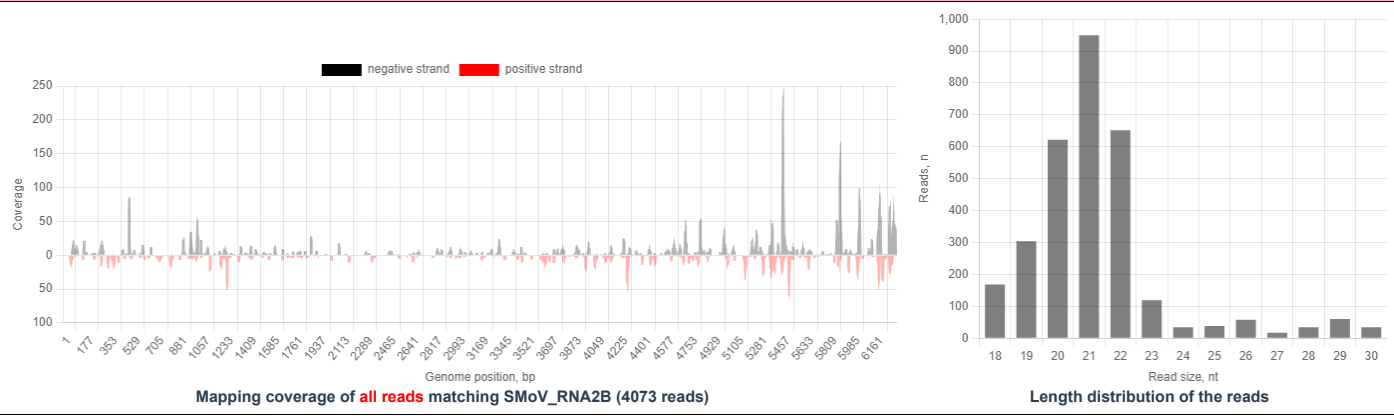


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SMoV	SMoV_RNA2A	3808	0.038	60.7	1.7	30.6	3172	83.3	42.2

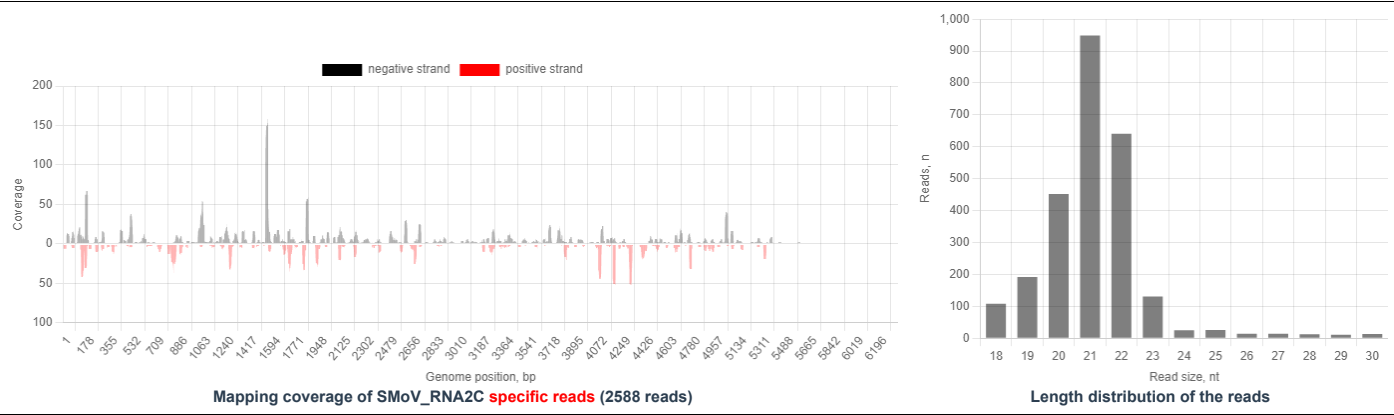
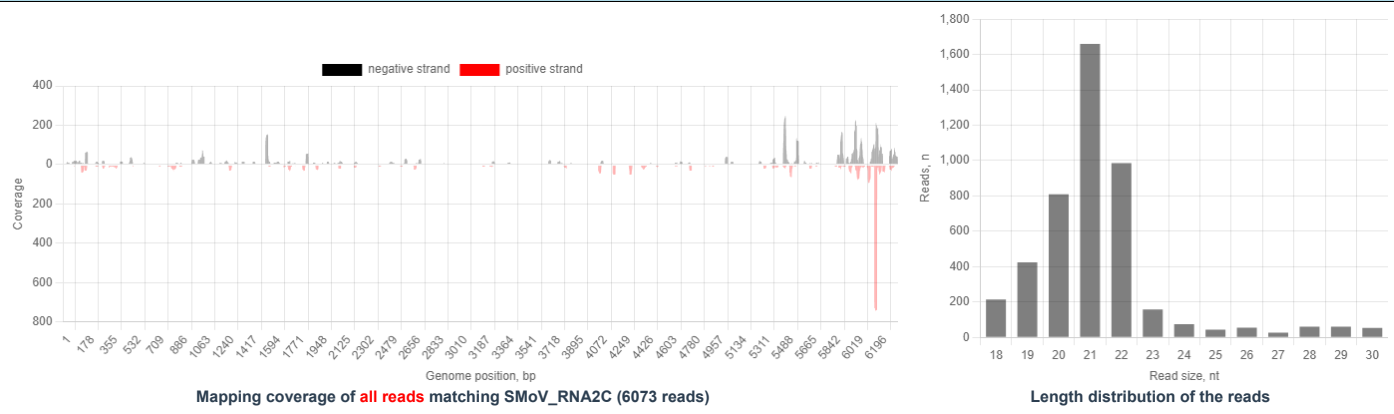


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SMoV	SMoV_RNA2B	3090	0.031	48.9	1.7	33.5	2198	71.1	26.2

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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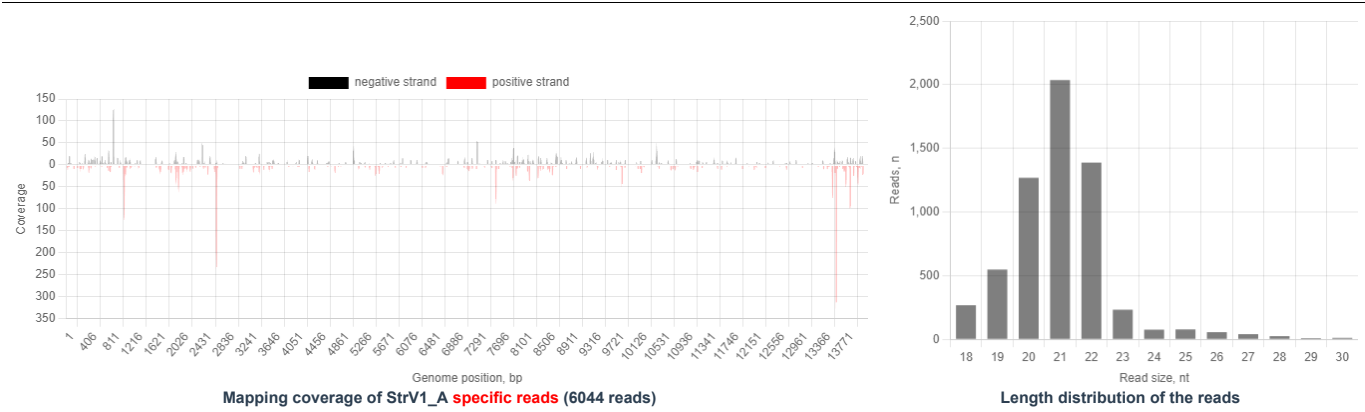
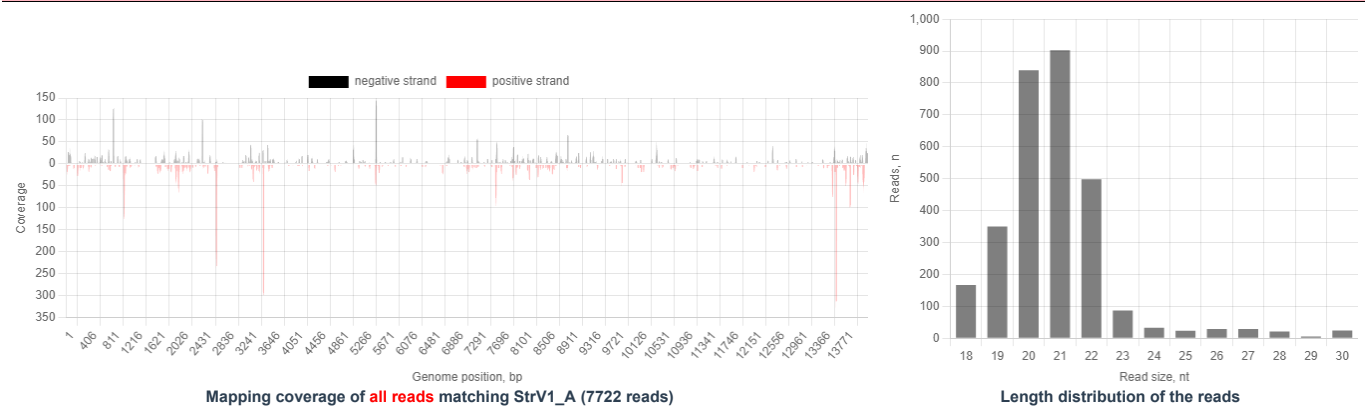


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	SMoV	SMoV_RNA2C	4626	0.046	73.0	1.4	28.0	2588	55.9	33.7

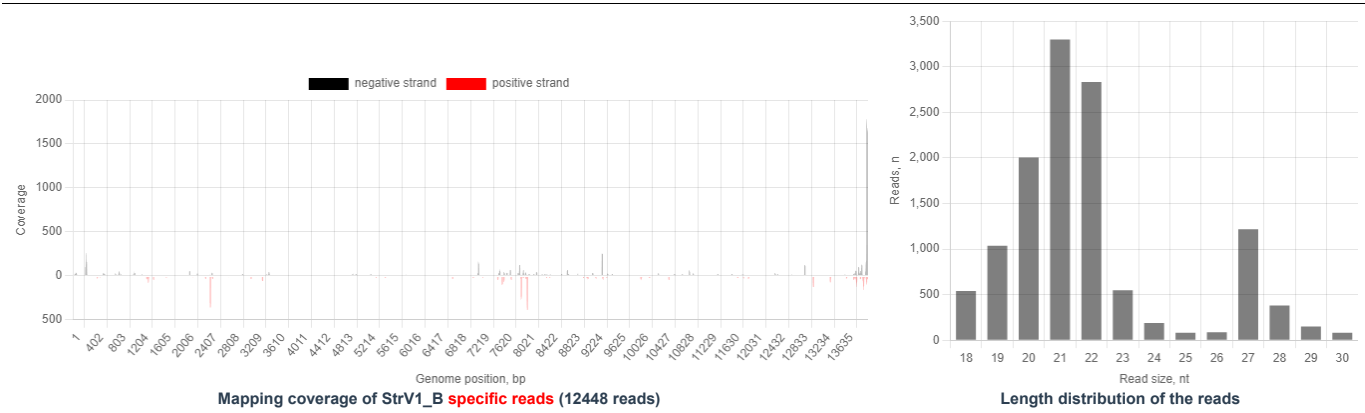
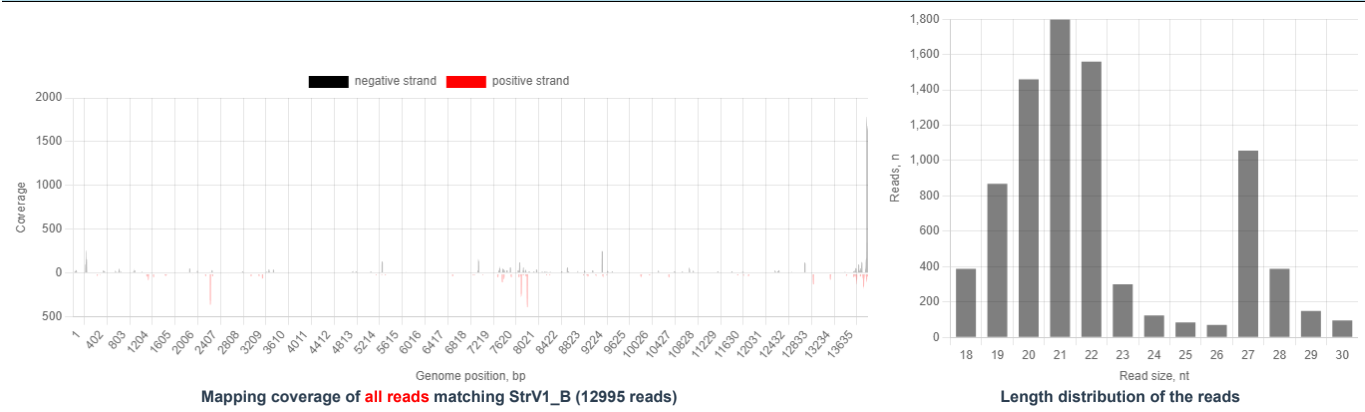


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	StrV1	StrV1_A	3009	0.030	21.2	0.8	35.1	6044	200.9	17.4

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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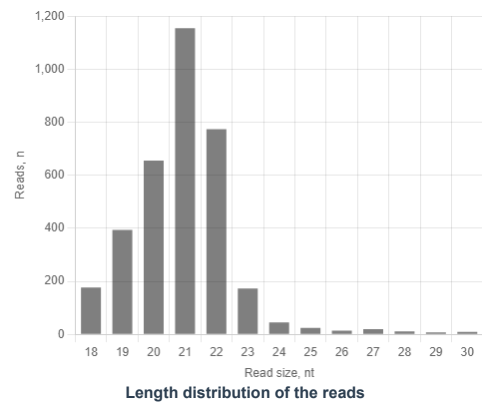
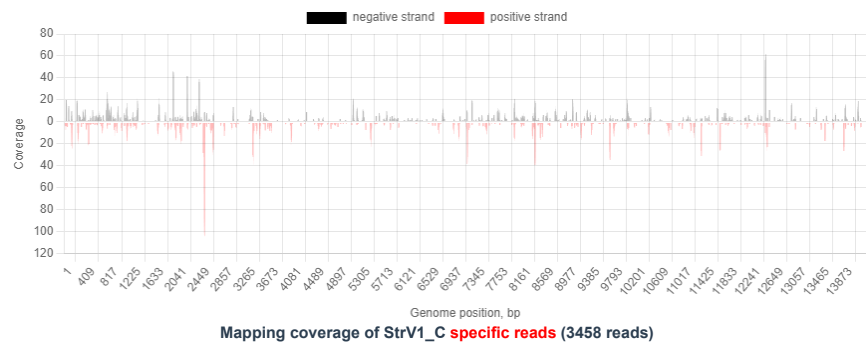
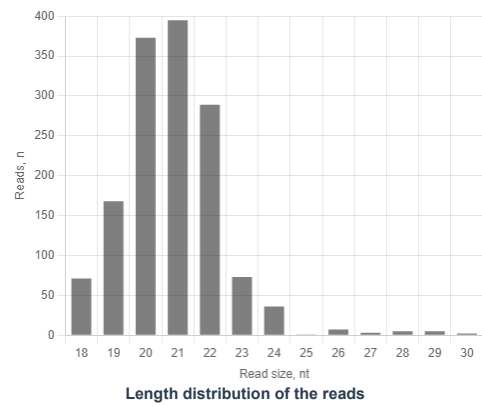
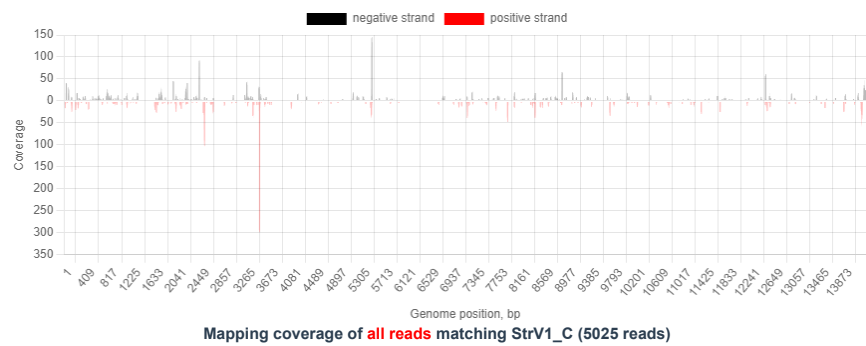


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	StrV1	StrV1_B	8341	0.083	59.5	1.6	25.7	12448	149.2	58.2



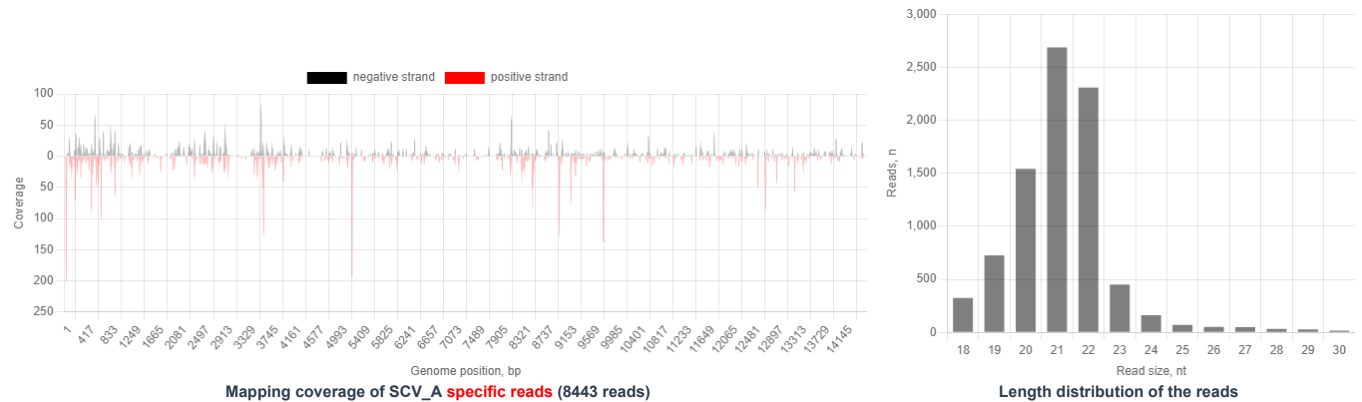
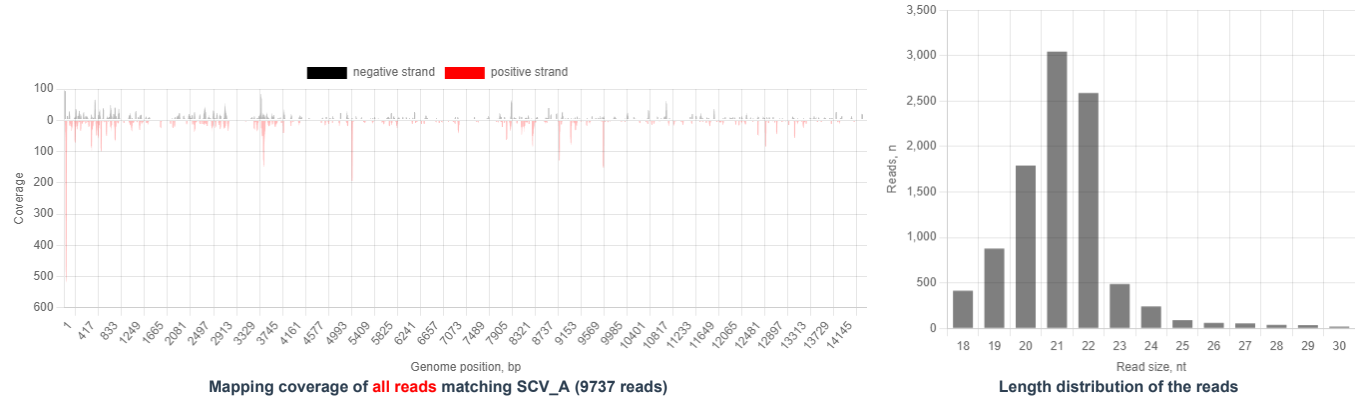
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
2A_4	10000000	StrV1	StrV1_C	1428	0.014	10.0	1.0	36.4	3458	242.2	6.4

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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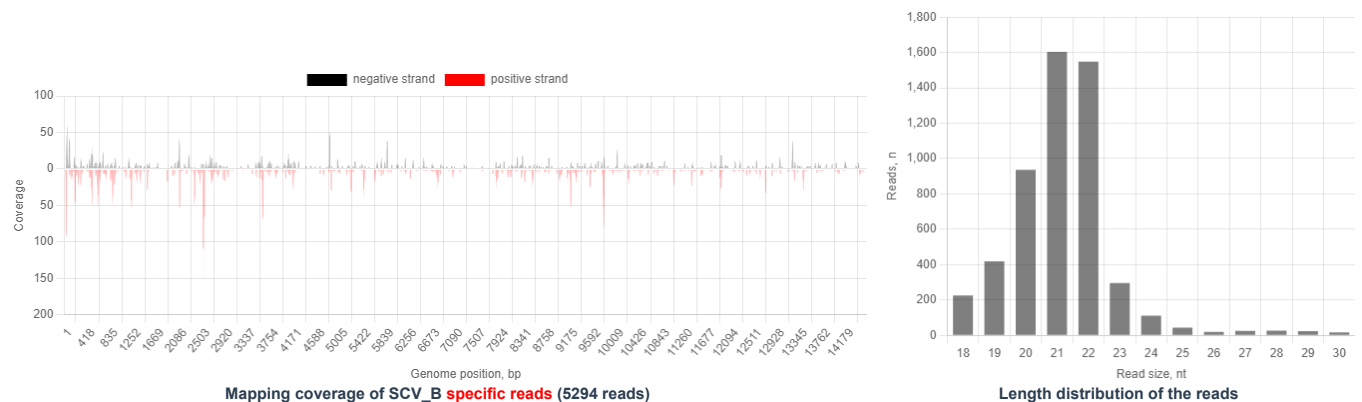
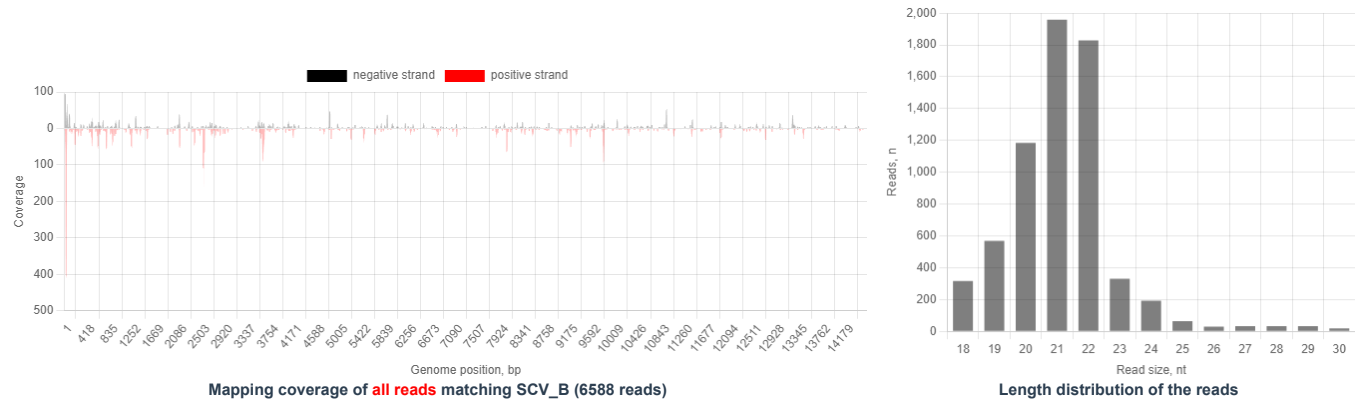


Mappings of the 3K_1 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SCV	SCV_A	9737	0.097	66.9	0.8	56.6	8443	86.7	58.0

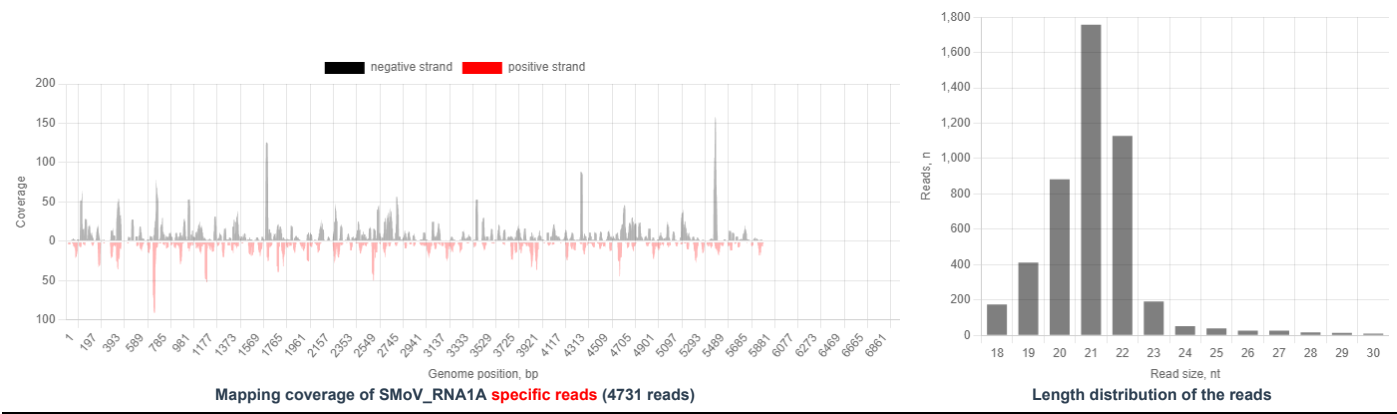
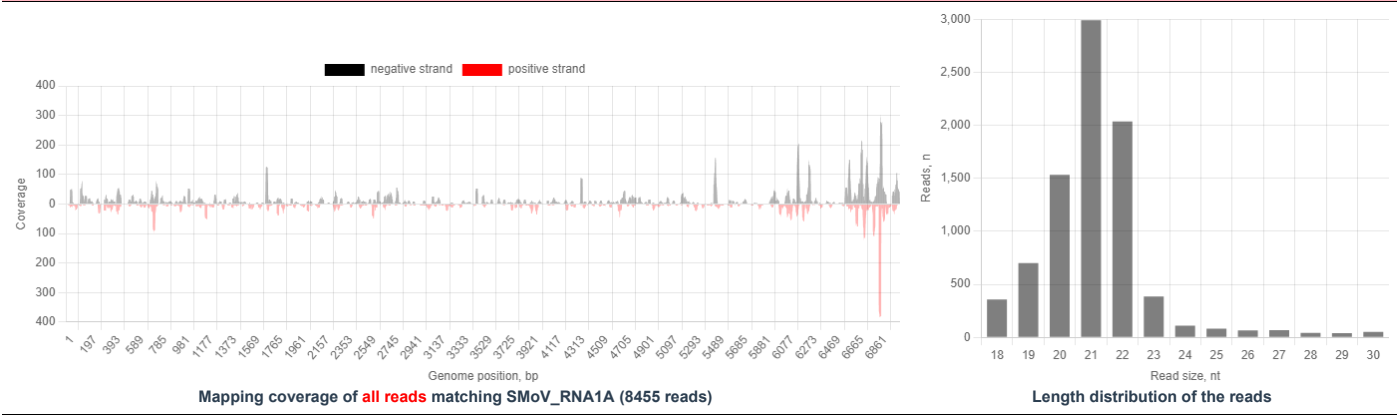


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SCV	SCV_B	6588	0.066	45.2	0.7	60.1	5294	80.4	36.4

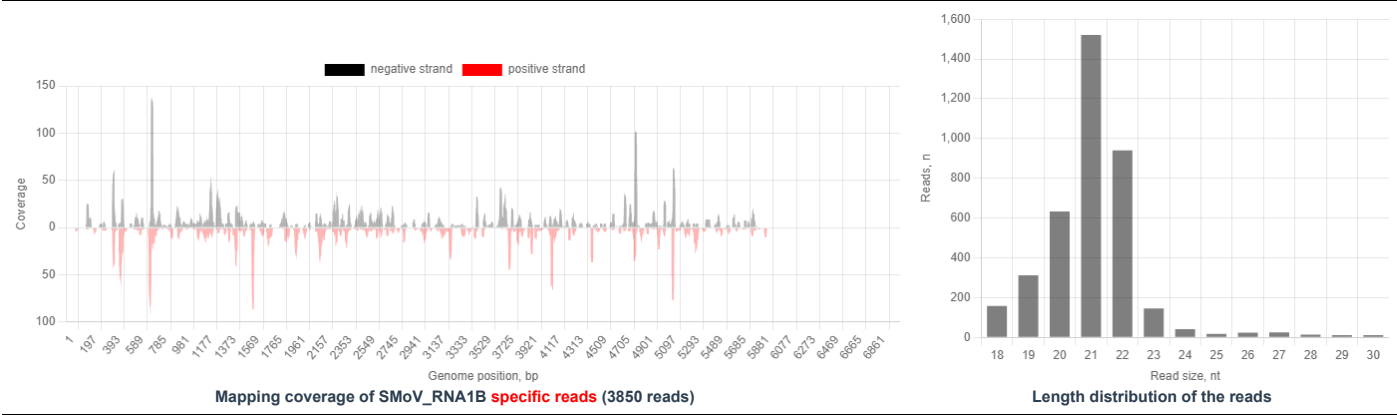
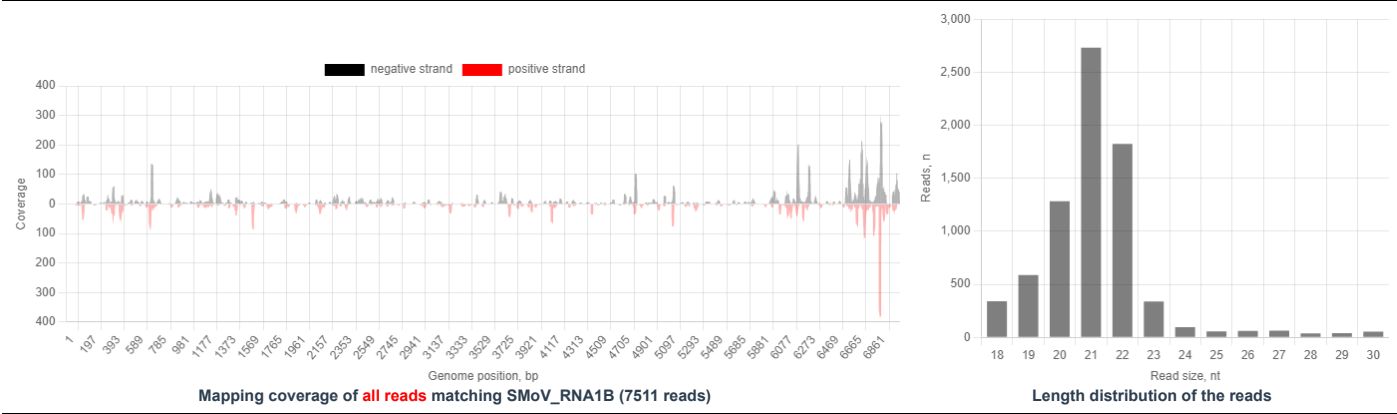


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SMoV	SMoV_RNA1A	8455	0.085	120.2	1.5	50.1	4731	56.0	67.2

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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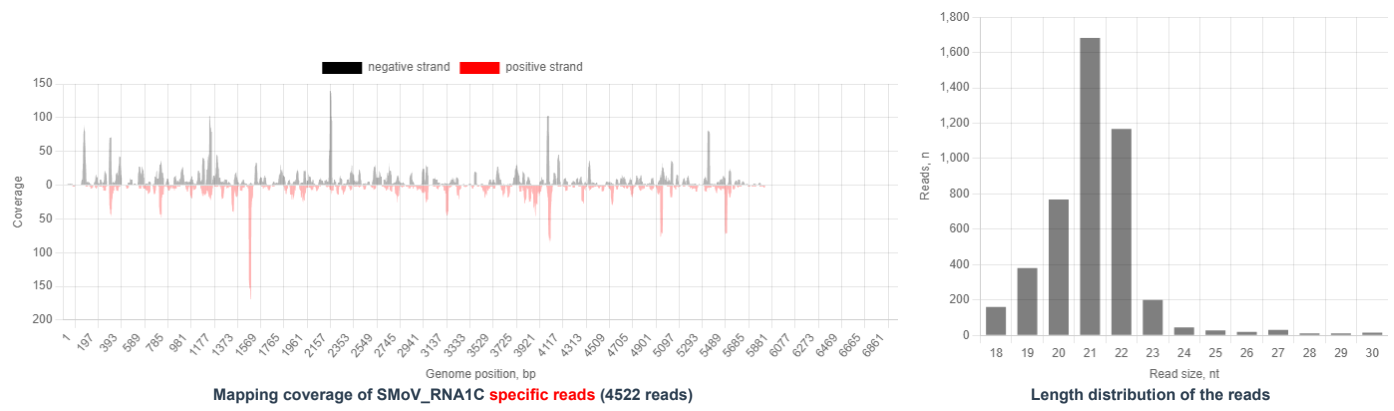
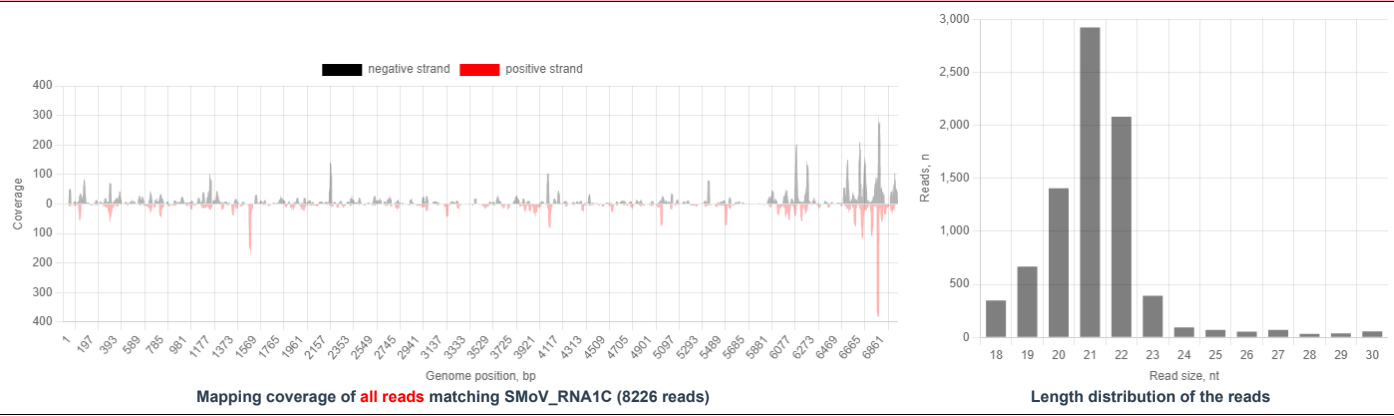


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SMoV	SMoV_RNA1B	7511	0.075	106.5	1.3	49.5	3850	51.3	54.6

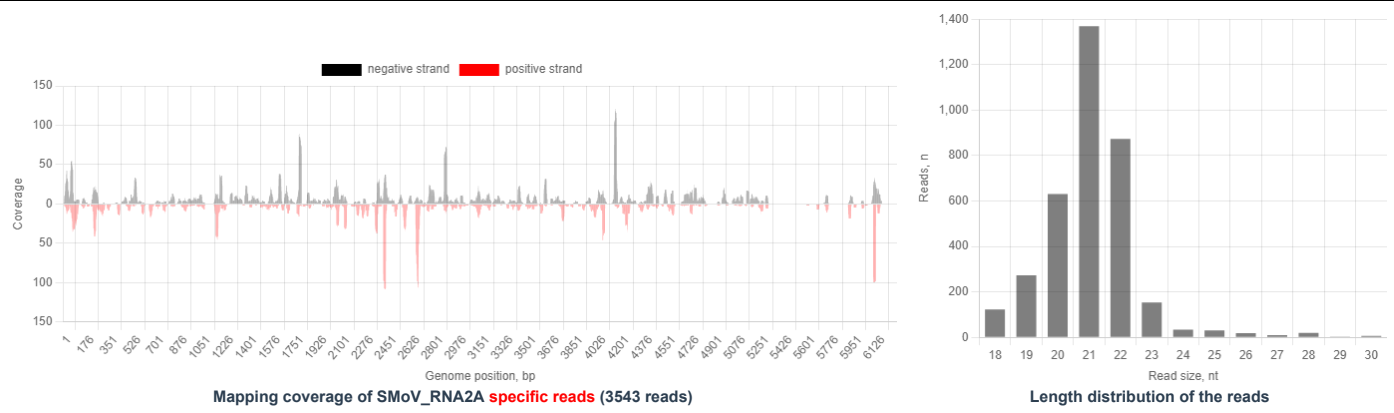
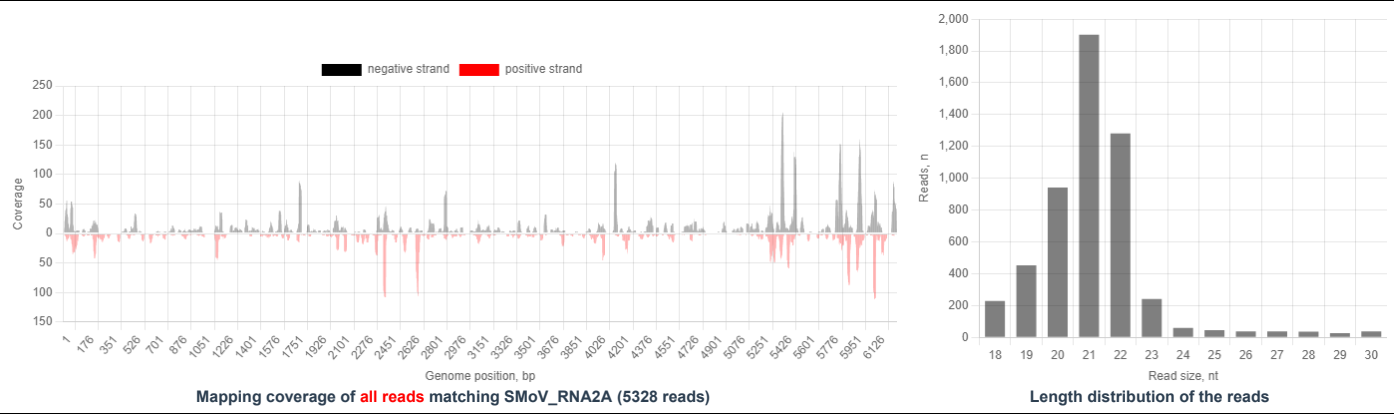


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SMoV	SMoV_RNA1C	8226	0.082	116.8	1.4	49.2	4522	55.0	64.2

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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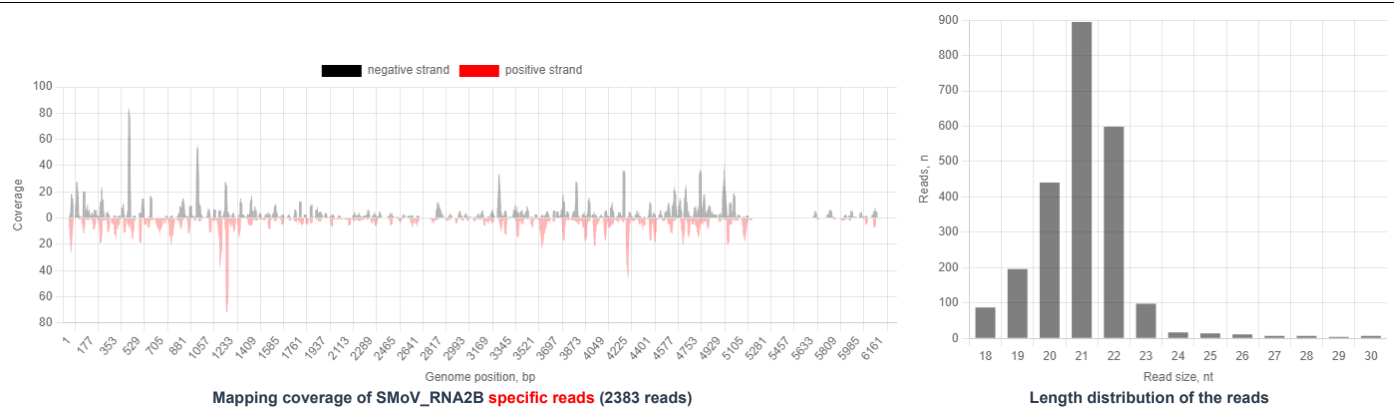
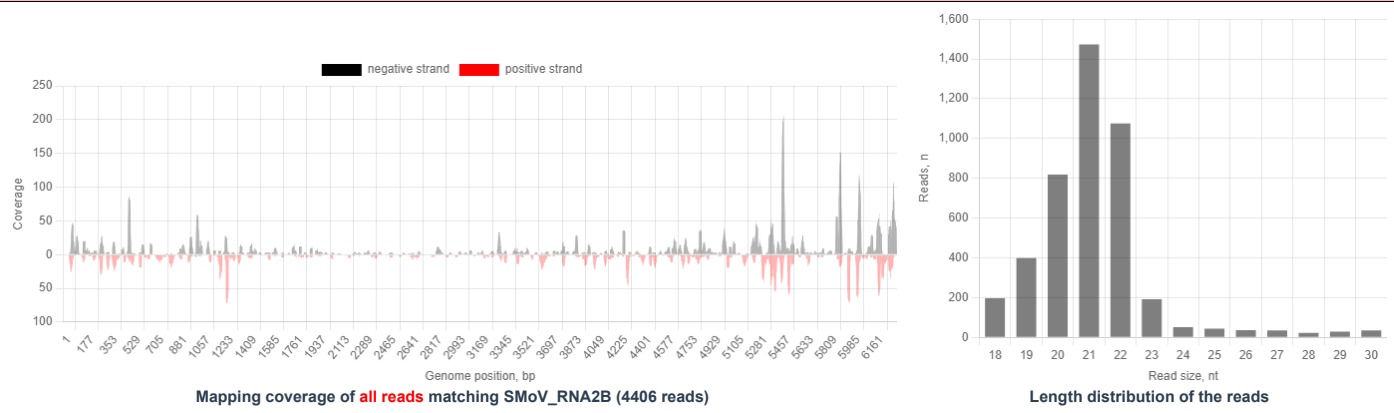


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SMoV	SMoV_RNA2A	5328	0.053	84.9	1.4	54.6	3543	66.5	56.5

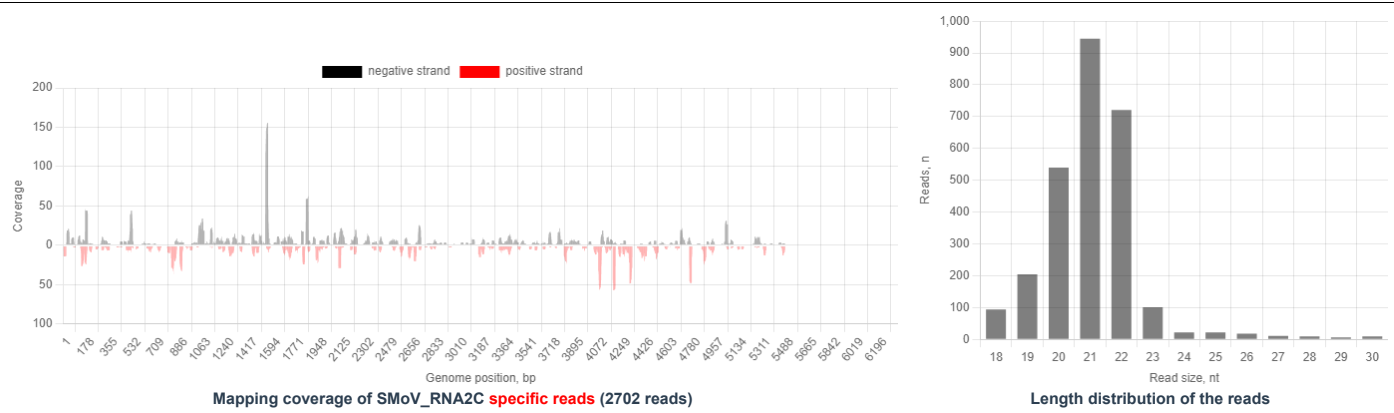
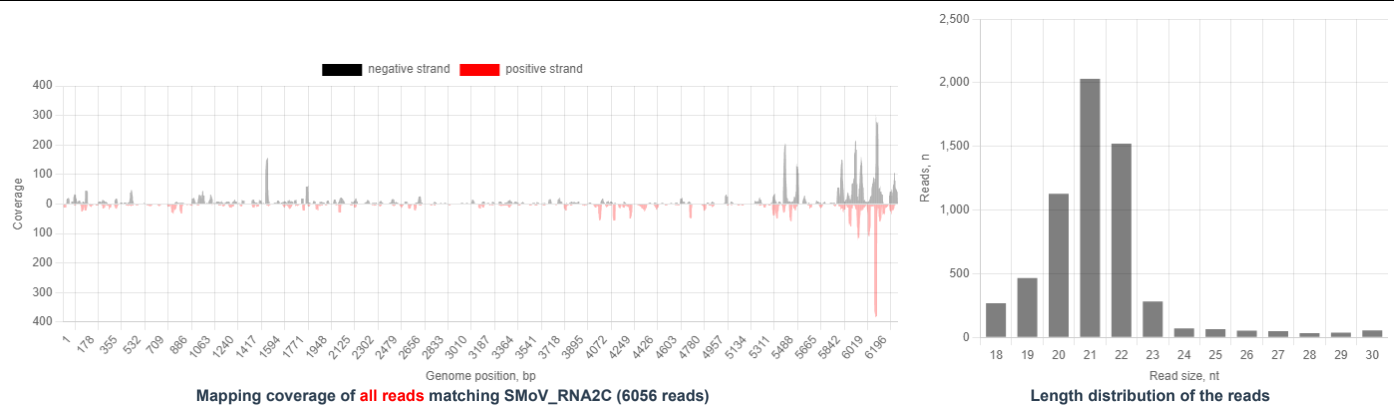


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SMoV	SMoV_RNA2B	4406	0.044	69.7	1.4	58.6	2383	54.1	37.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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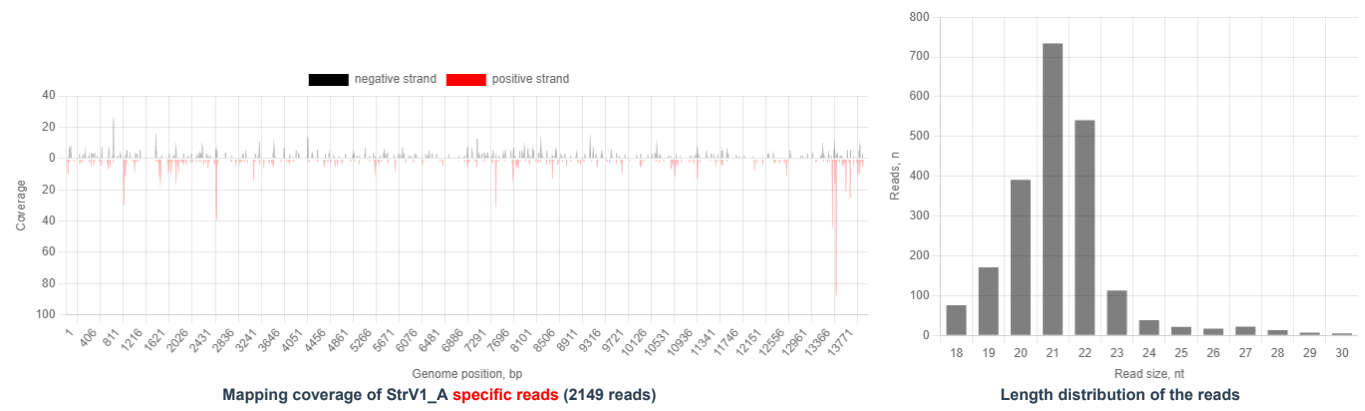
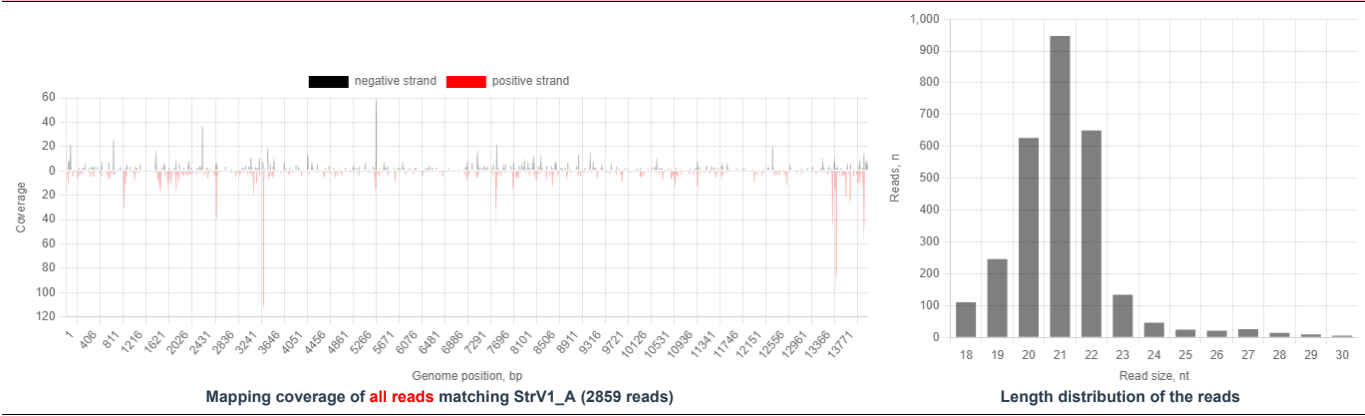


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	SMoV	SMoV_RNA2C	6056	0.061	95.6	1.3	48.5	2702	44.6	42.6

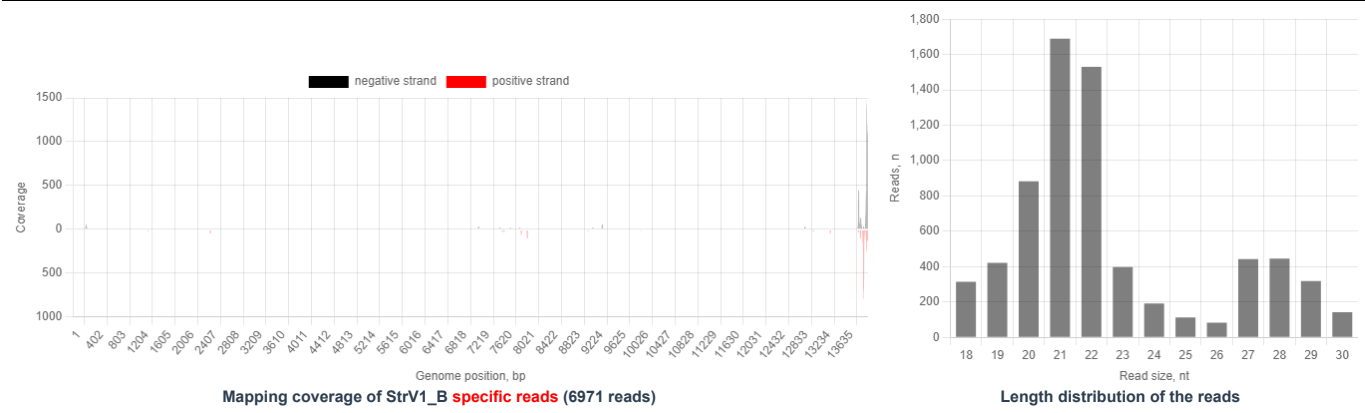
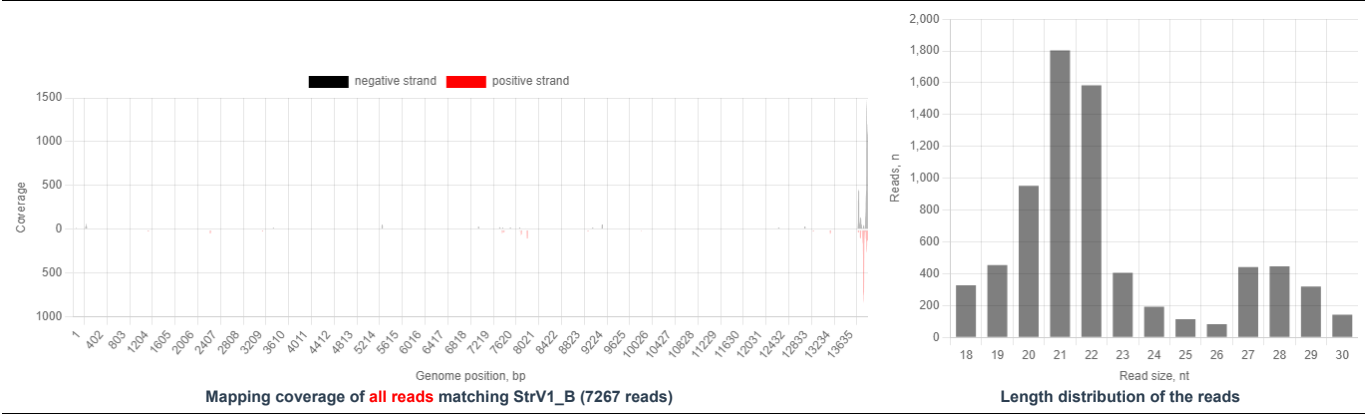


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	StrV1	StrV1_A	2859	0.029	20.2	0.9	67.8	2149	75.2	15.2

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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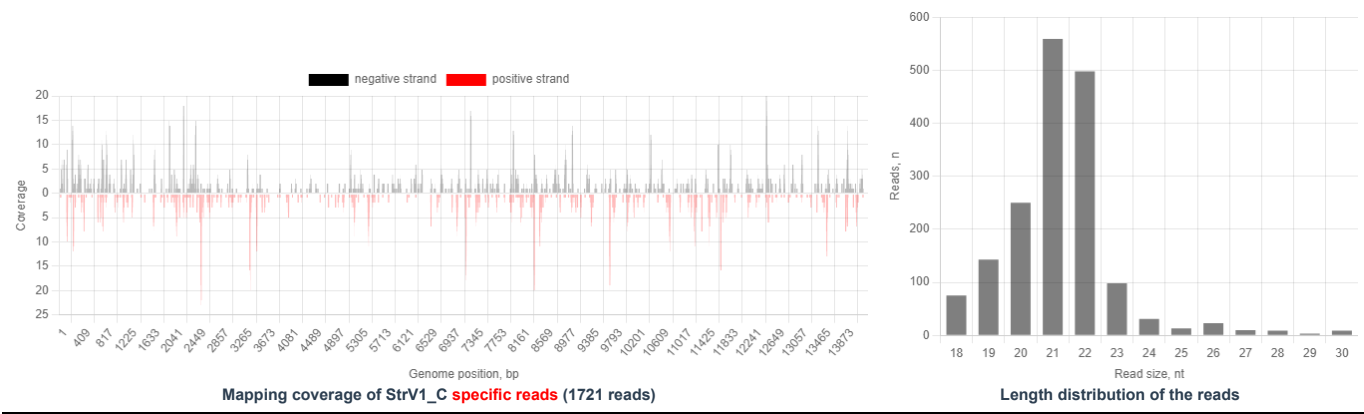
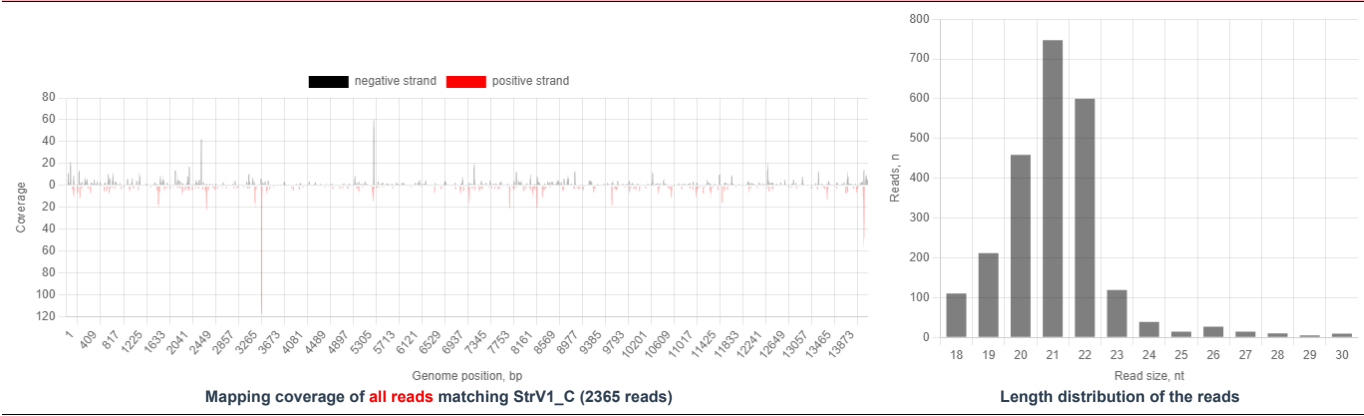


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	StrV1	StrV1_B	7267	0.073	51.8	1.3	40.1	6971	95.9	49.7



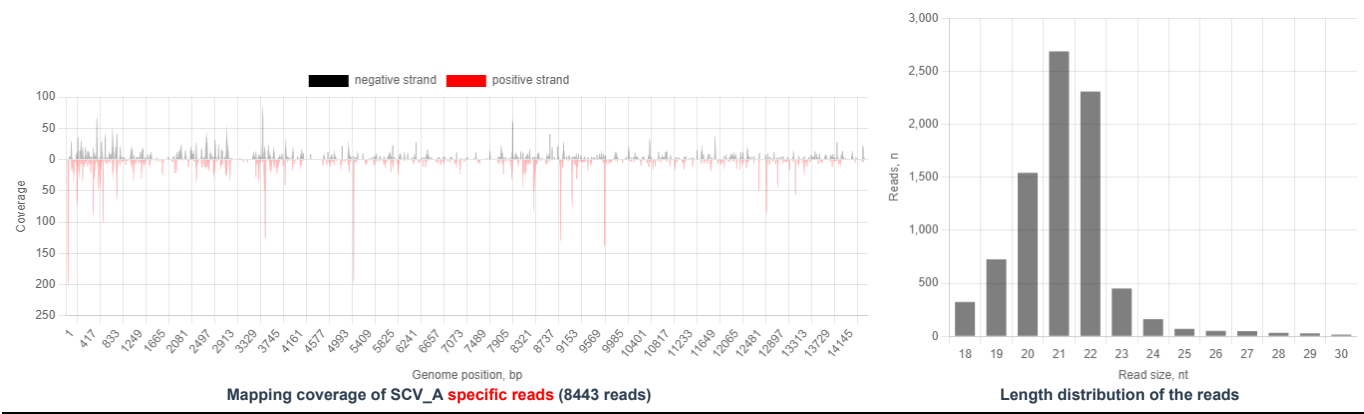
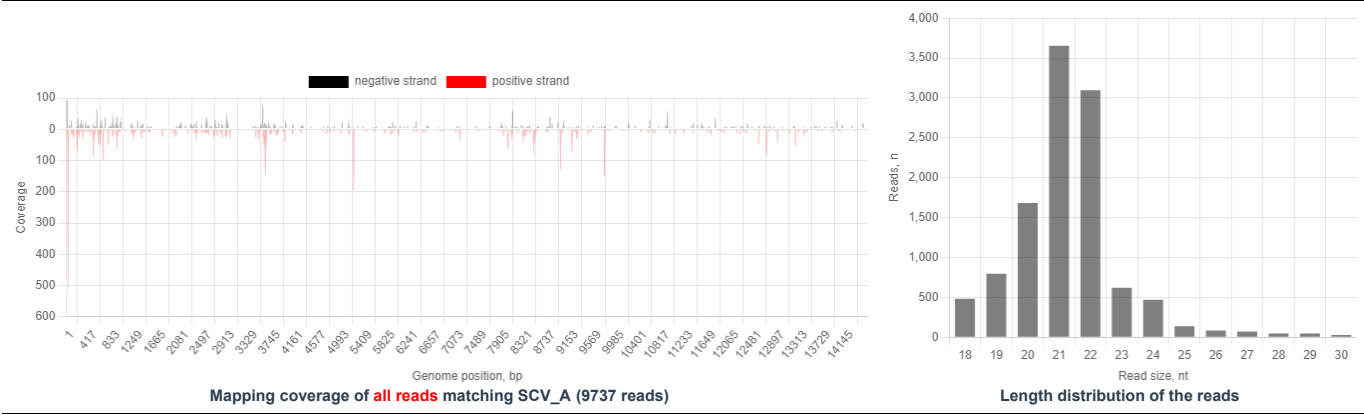
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_1	10000000	StrV1	StrV1_C	2365	0.024	16.6	1.0	70.7	1721	72.8	12.1

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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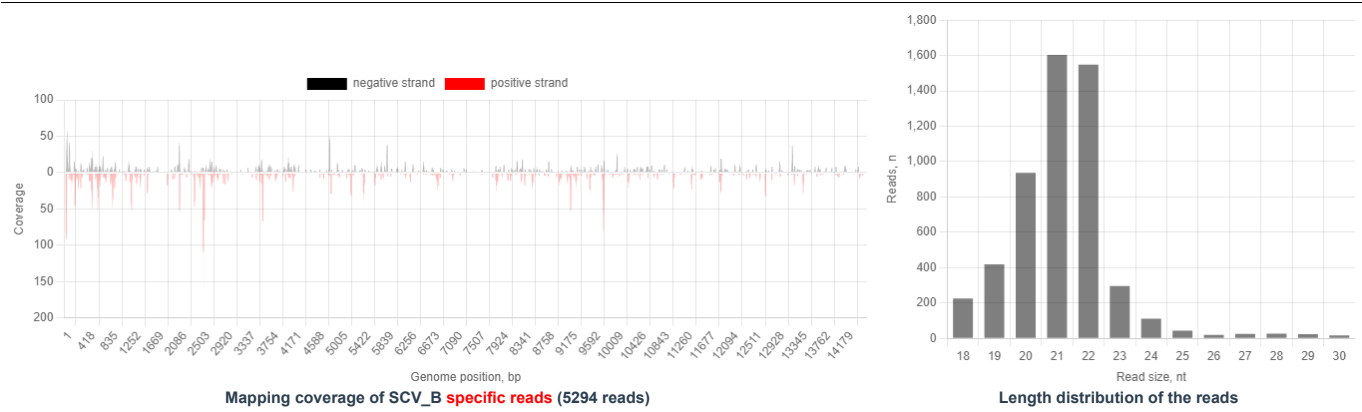
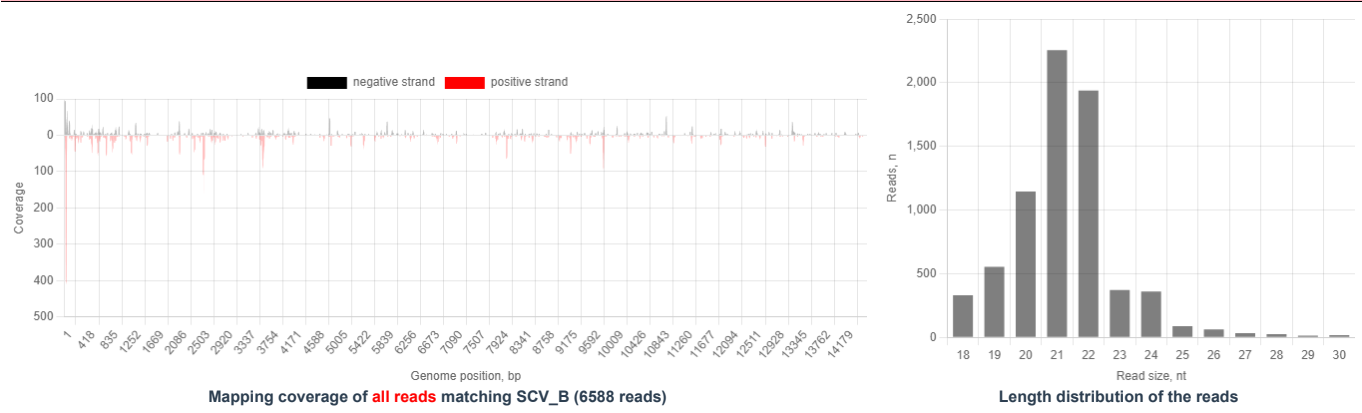
Mappings of the 3K_2 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SCV	SCV_A	11218	0.112	77.1	0.9	58.0	8443	75.3	66.5

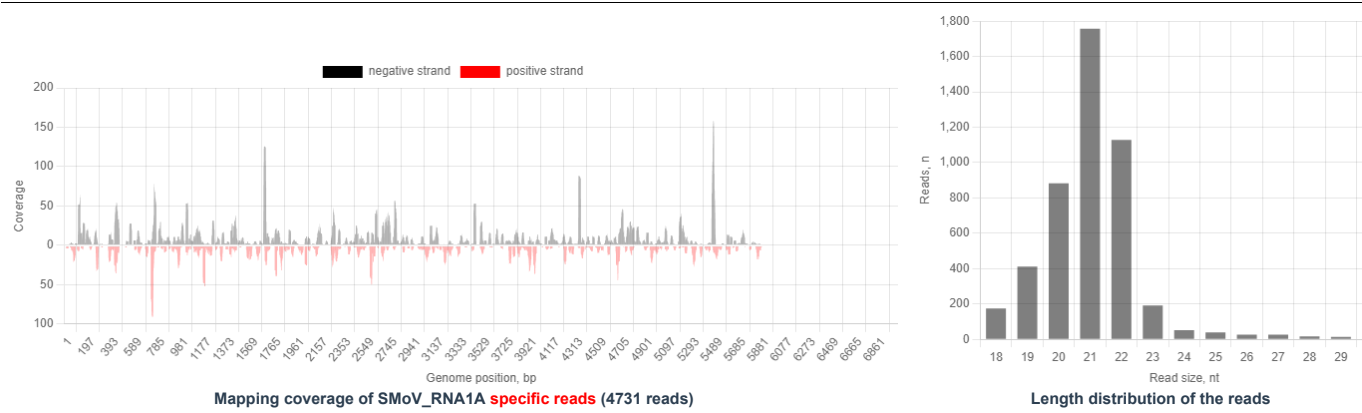
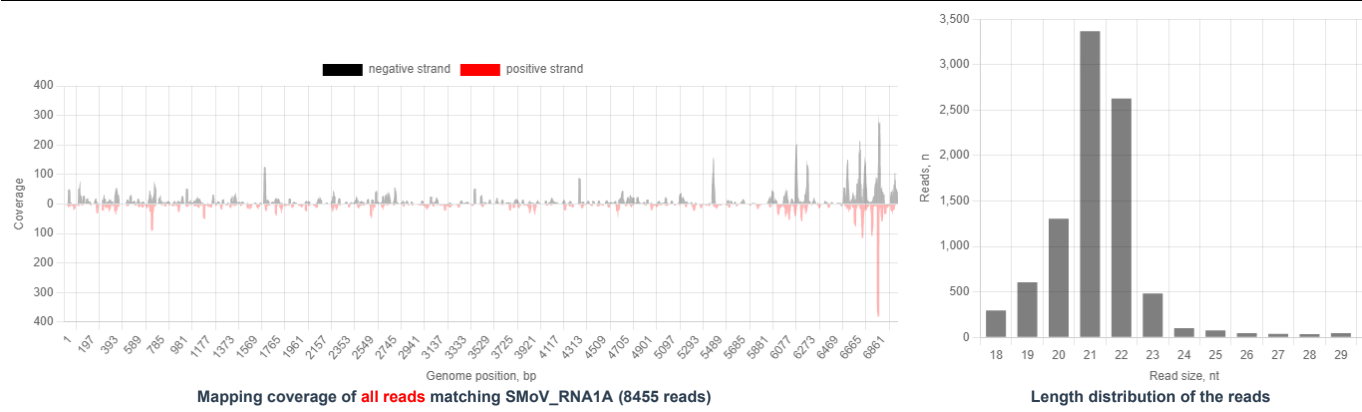


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SCV	SCV_B	7197	0.072	49.4	0.8	61.9	5294	73.6	38.8

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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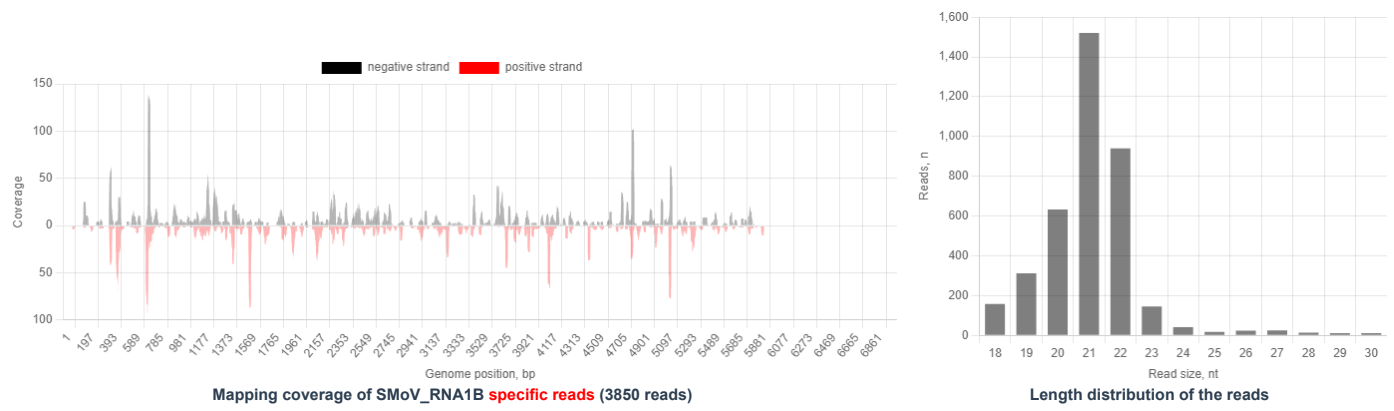
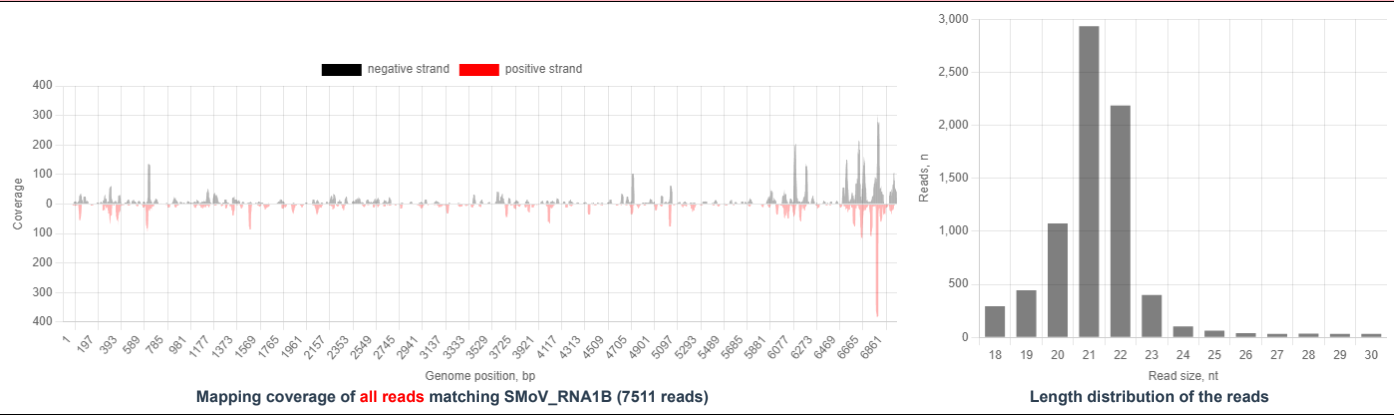


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SMoV	SMoV_RNA1A	9058	0.091	128.8	1.3	51.9	4731	52.2	73.8

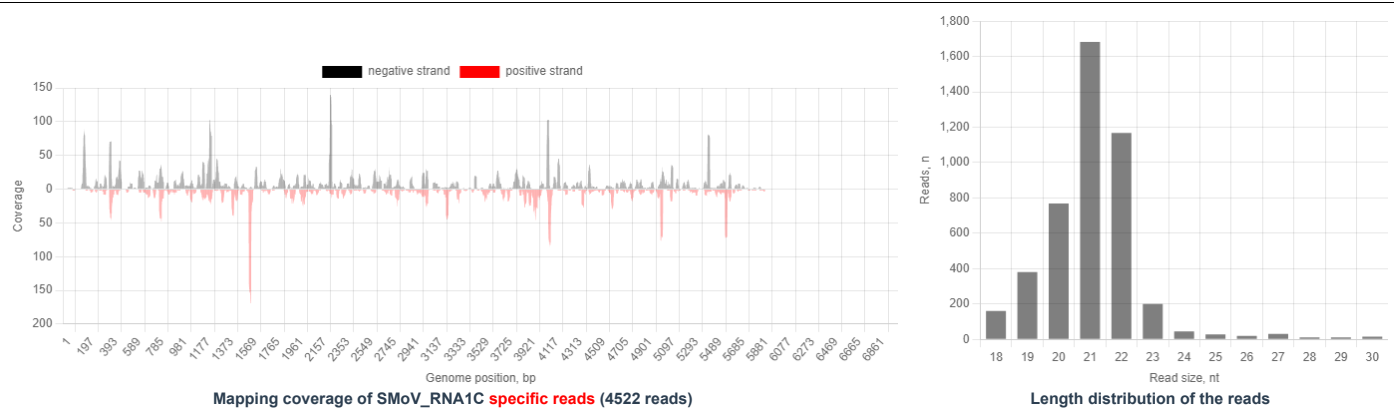
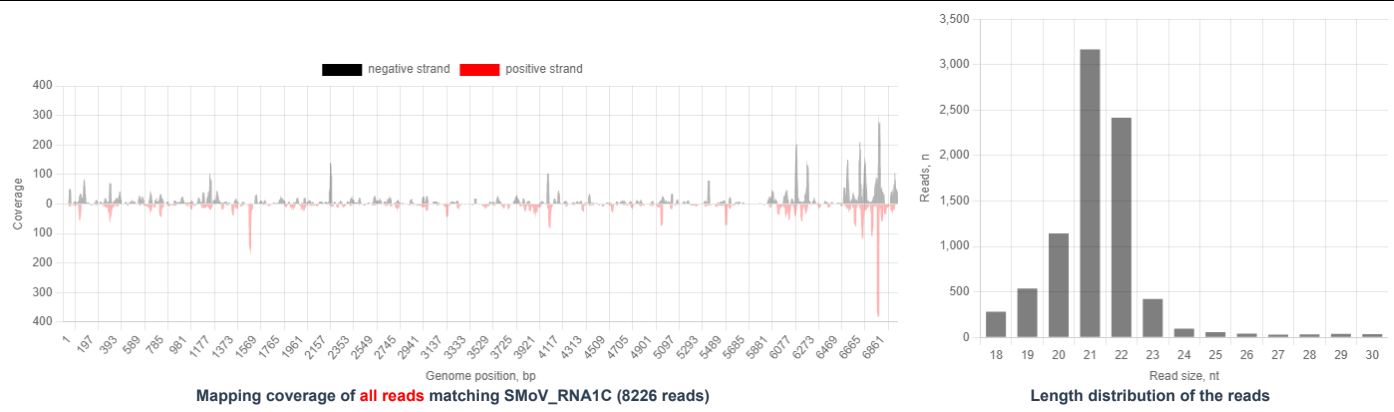


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SMoV	SMoV_RNA1B	7667	0.077	108.8	1.2	51.9	3850	50.2	55.3

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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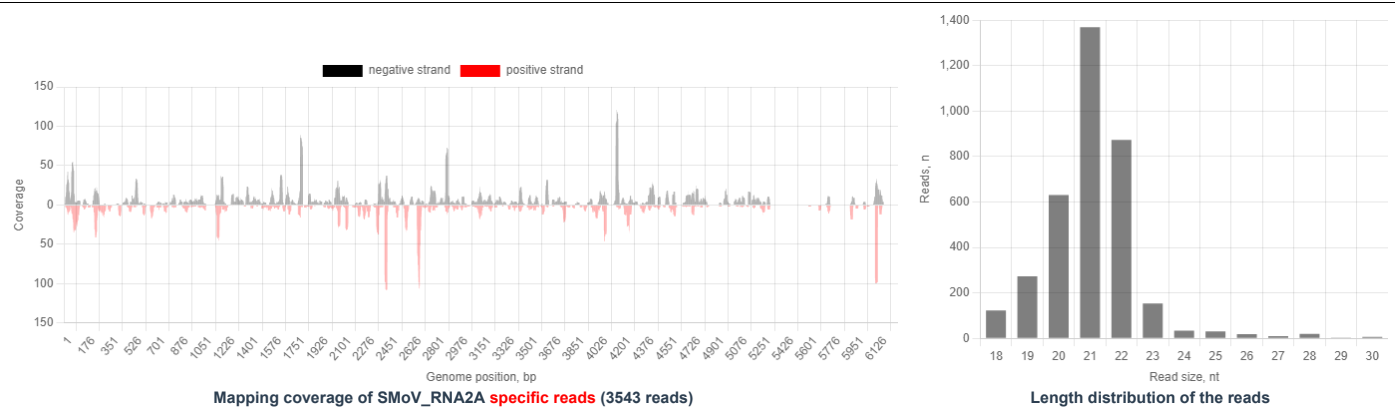
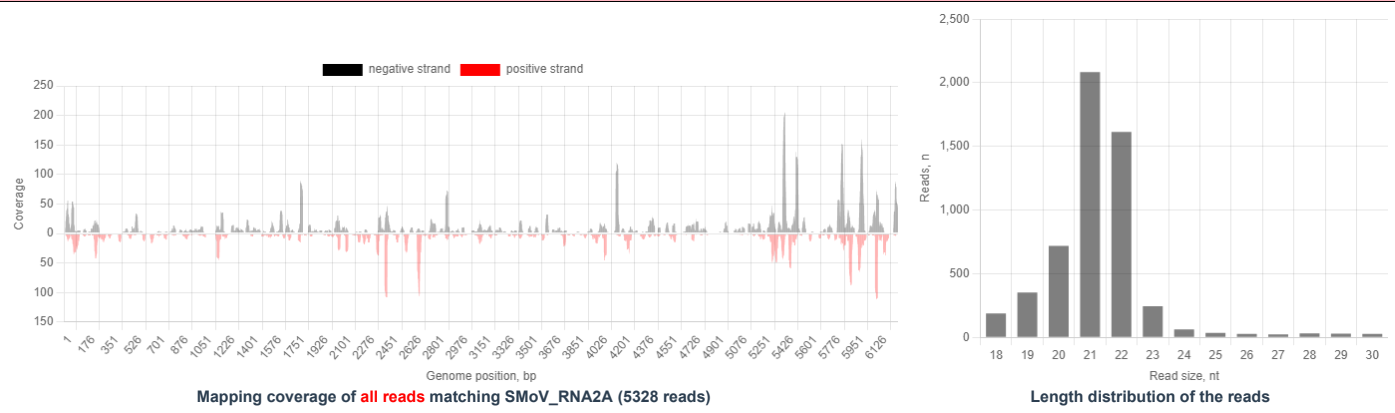


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SMoV	SMoV_RNA1C	8292	0.083	117.8	1.2	52.5	4522	54.5	62.9

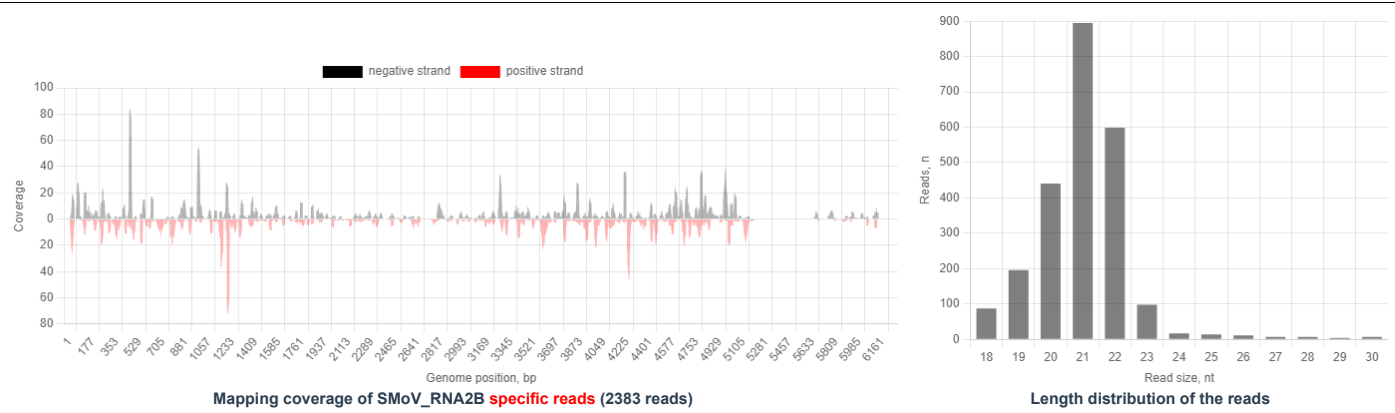
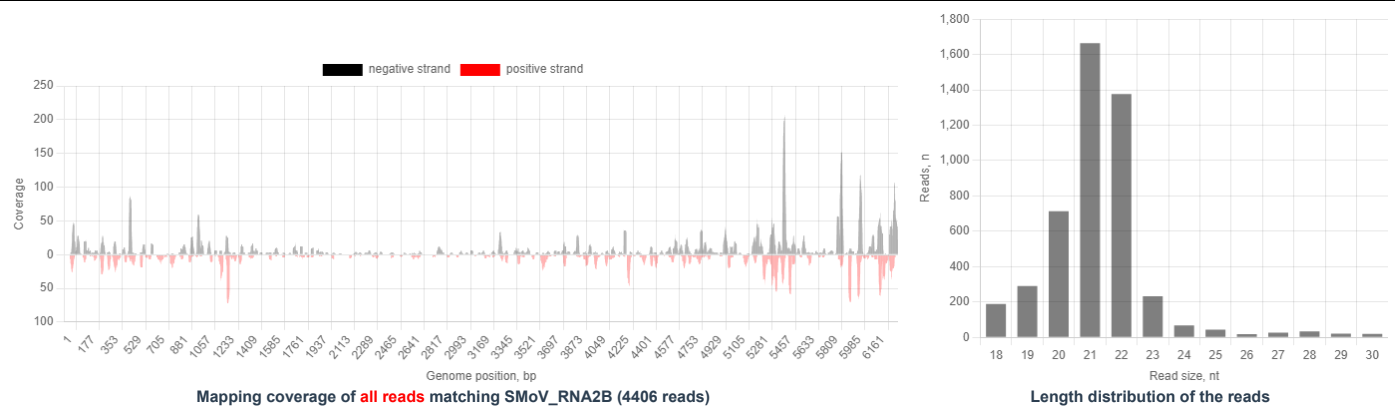


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SMoV	SMoV_RNA2A	5438	0.054	86.8	1.4	56.8	3543	65.2	58.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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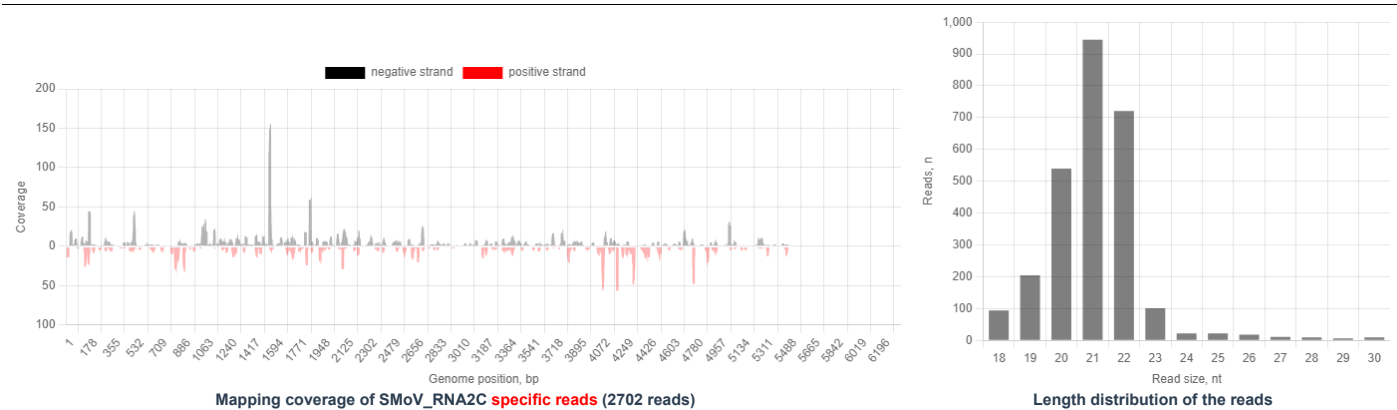
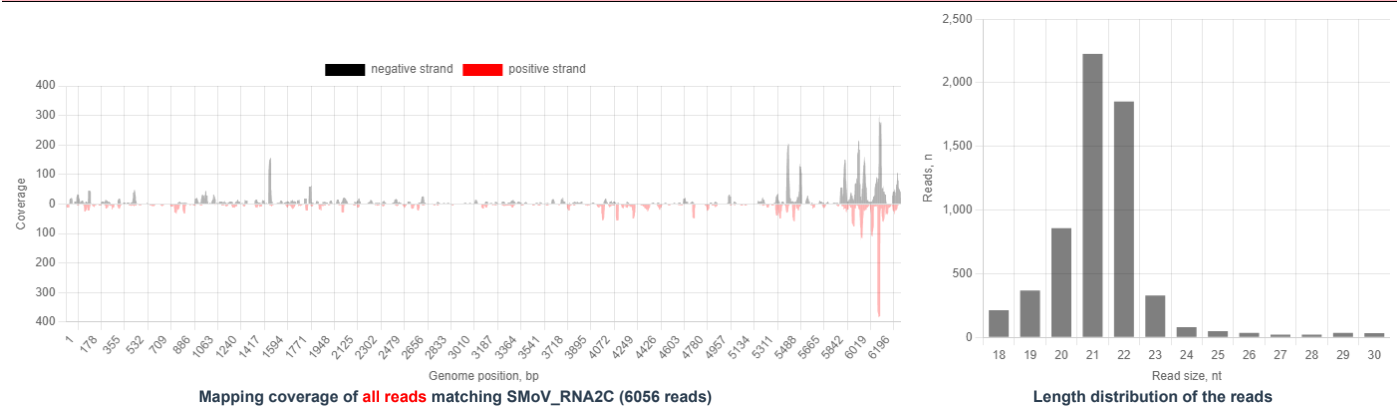


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SMoV	SMoV_RNA2B	4696	0.047	74.3	1.4	60.7	2383	50.7	41.6

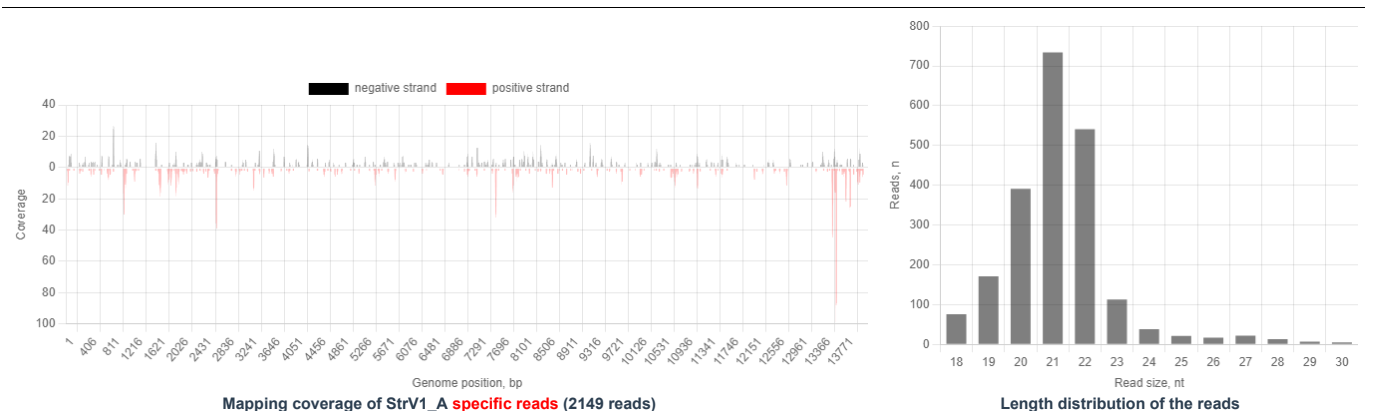
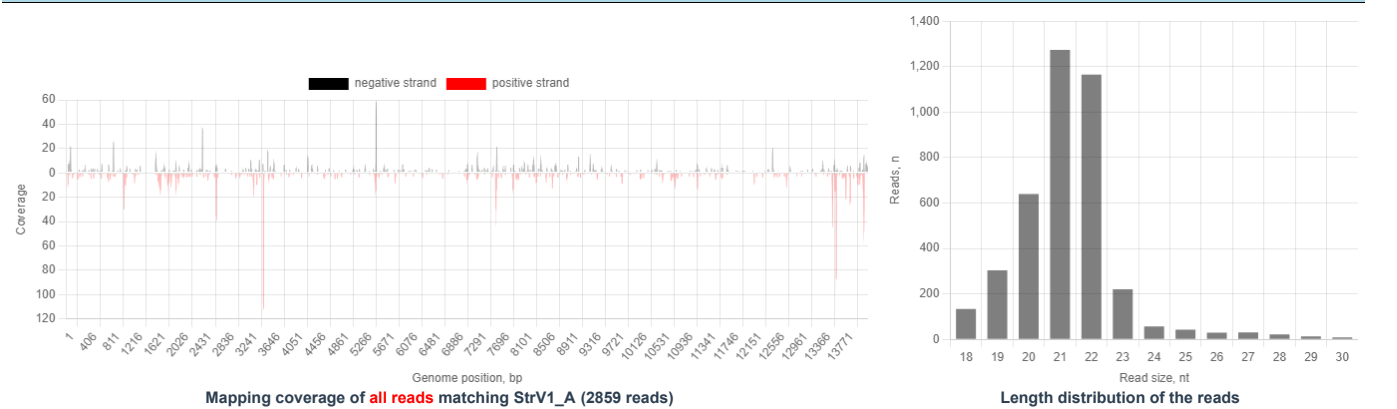


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	SMoV	SMoV_RNA2C	6121	0.061	96.6	1.2	49.8	2702	44.1	42.5

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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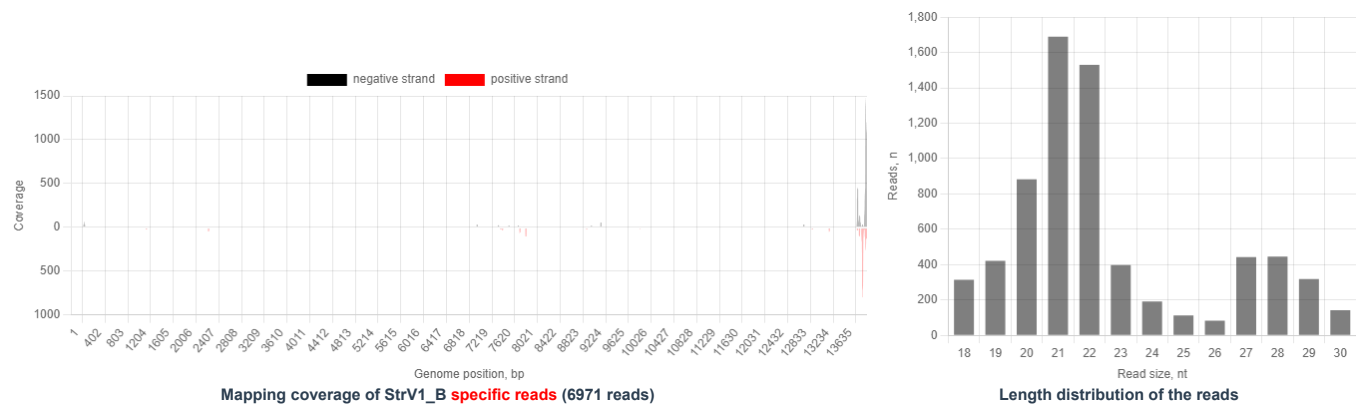
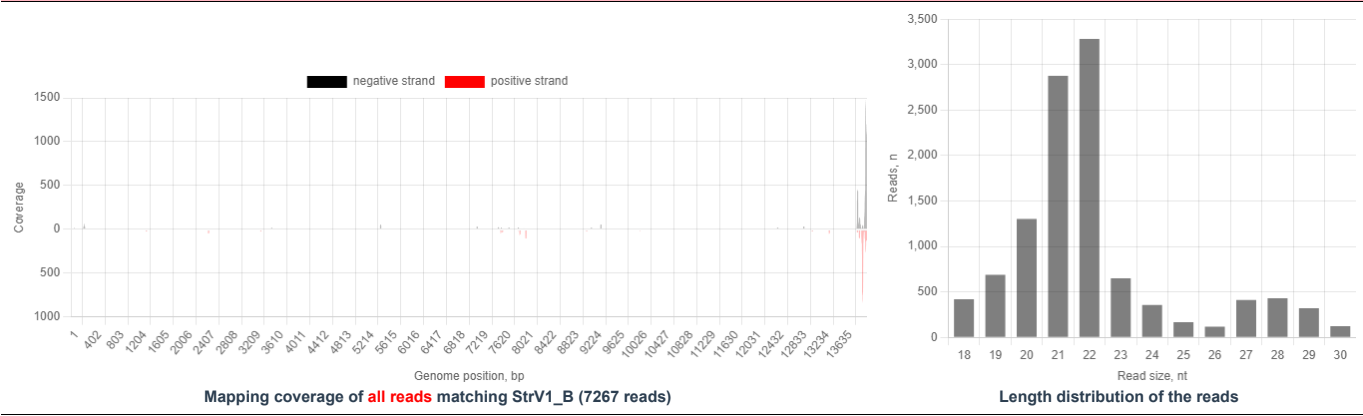


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	StrV1	StrV1_A	3940	0.039	27.8	1.0	70.2	2149	54.5	22.1

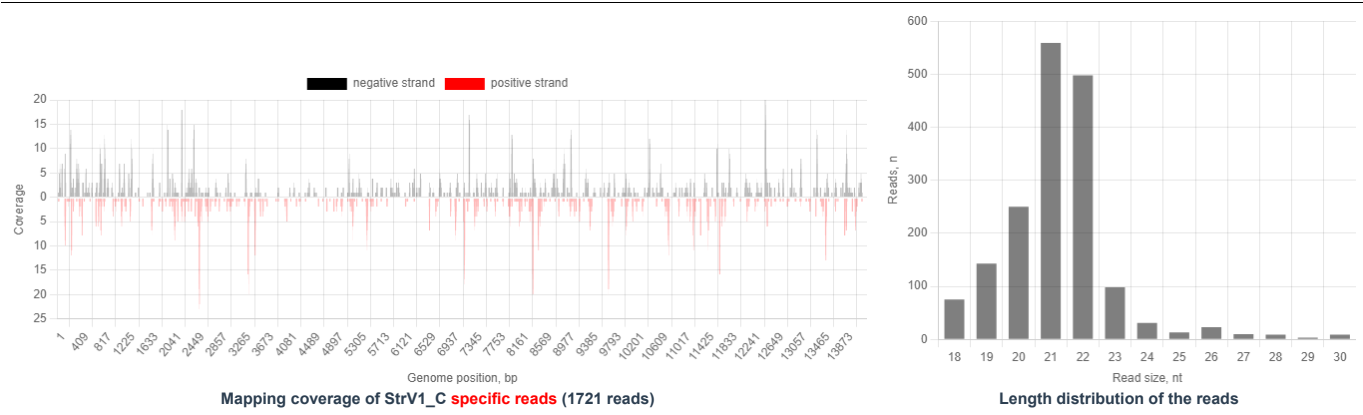
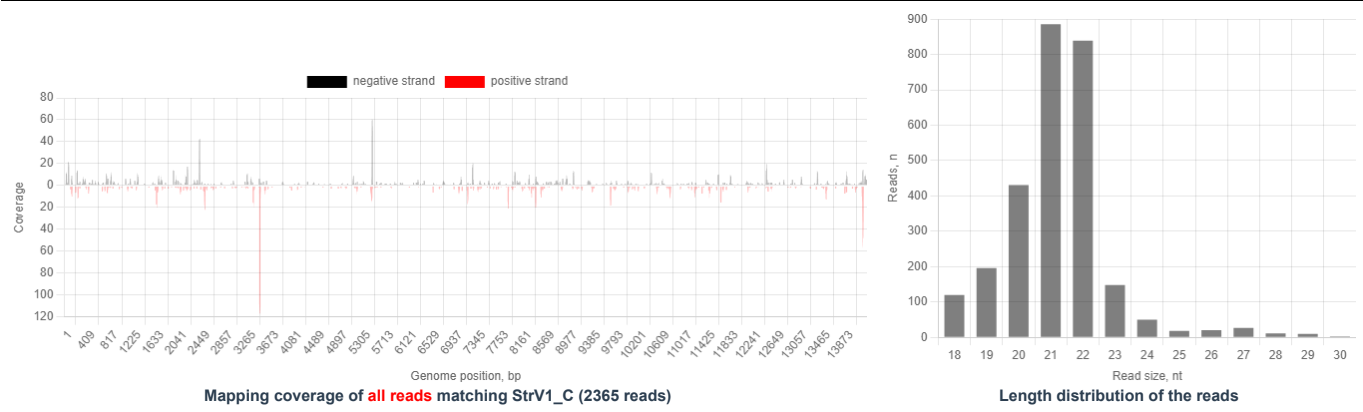


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	StrV1	StrV1_B	11149	0.111	79.5	1.3	42.2	6971	62.5	76.6

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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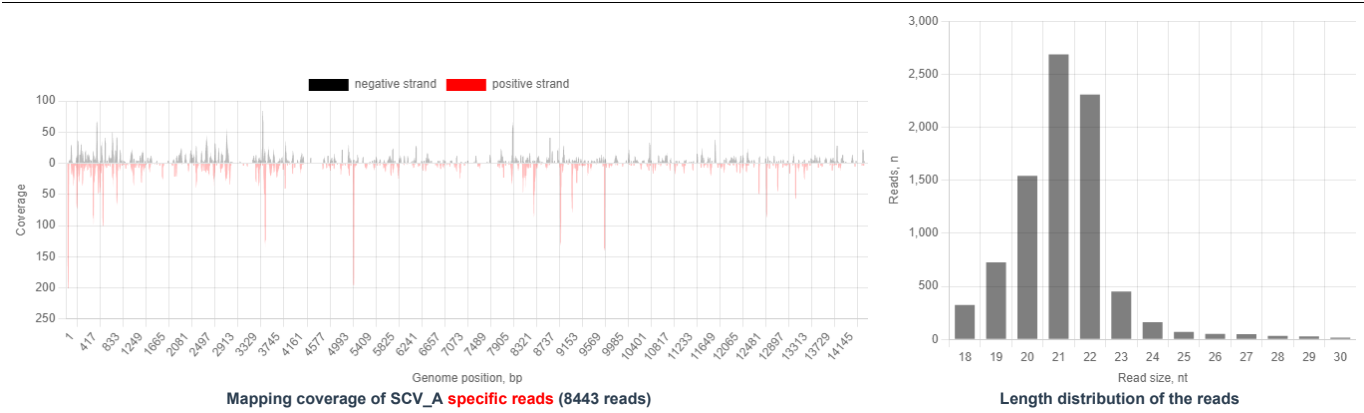
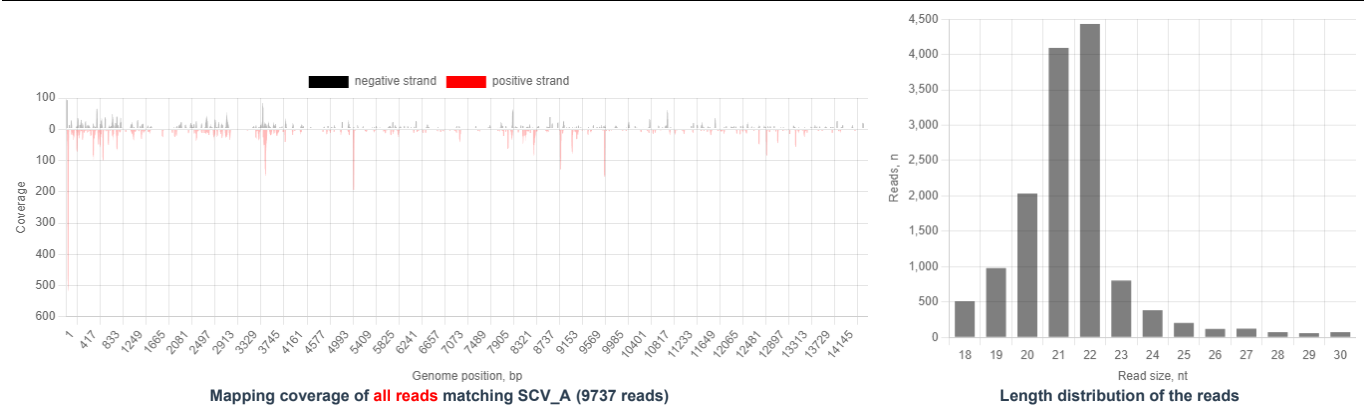
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_2	10000000	StrV1	StrV1_C	2759	0.028	19.4	1.1	72.4	1721	62.4	13.8



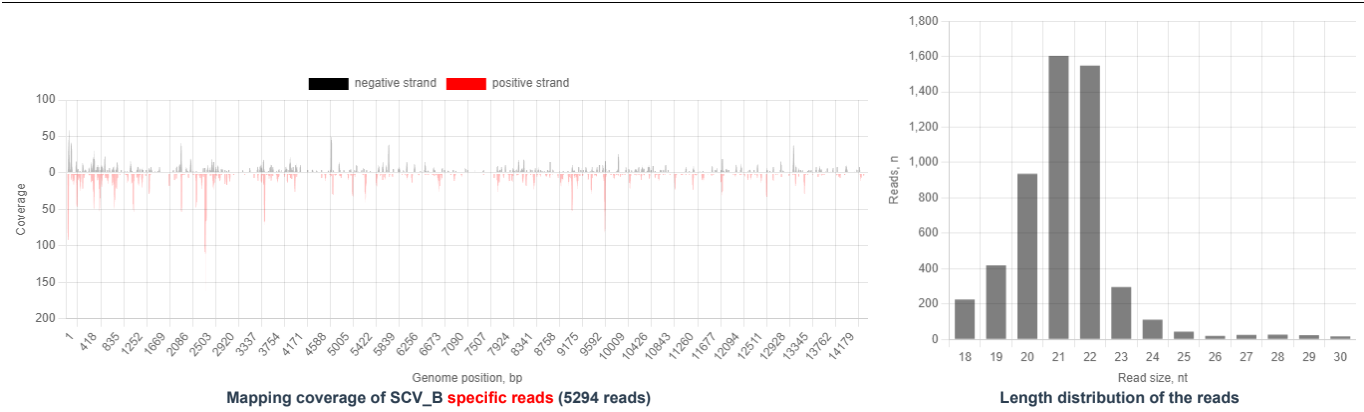
Mappings of the 3K_3 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SCV	SCV_A	13890	0.139	95.5	1.0	47.3	8443	60.8	84.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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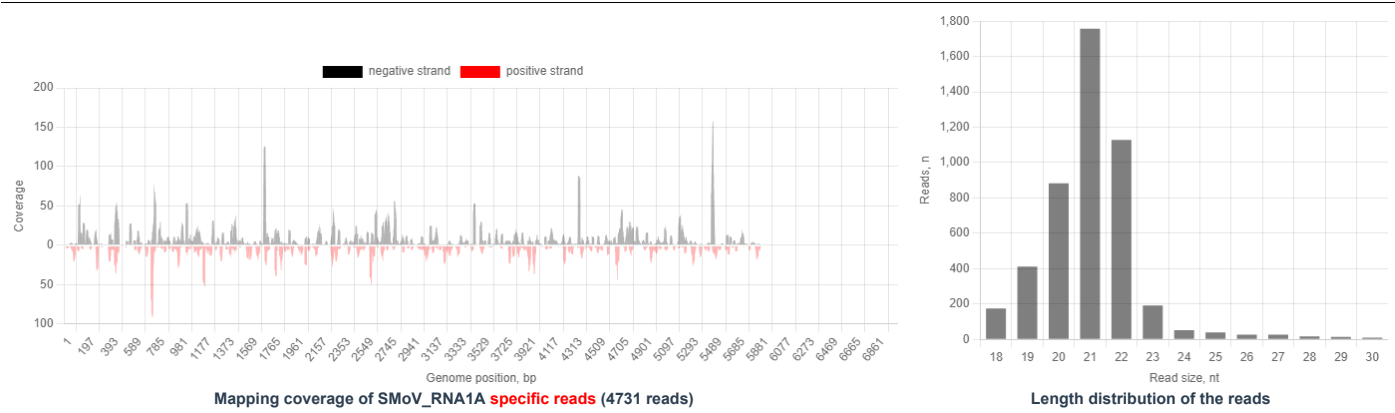
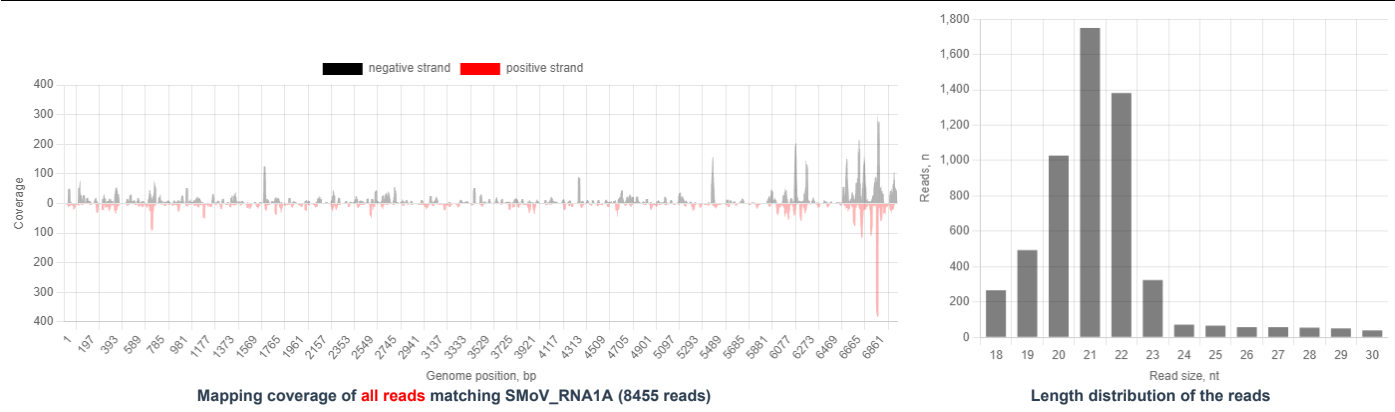


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SCV	SCV_B	6567	0.066	45.1	1.0	52.9	5294	80.6	34.3

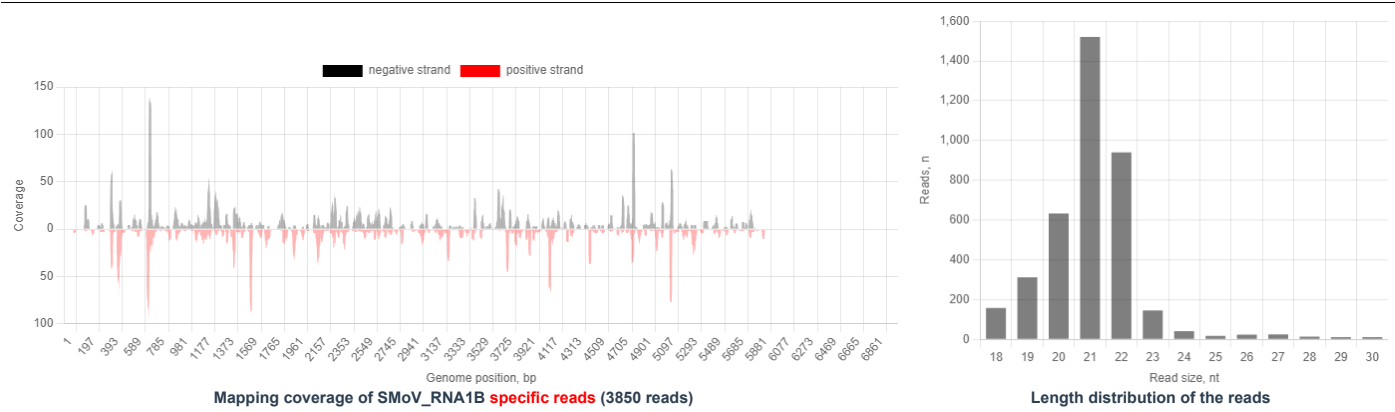
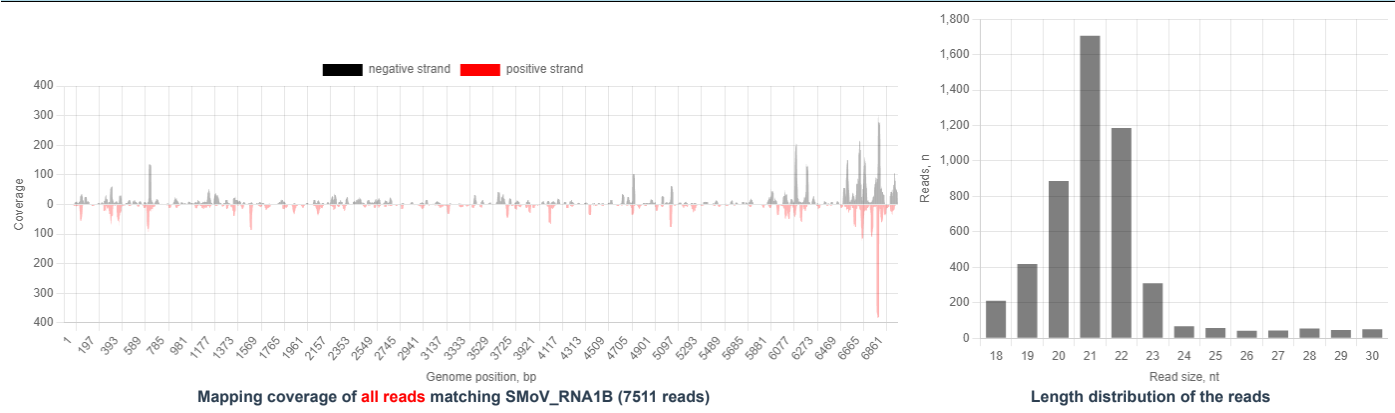


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SMoV	SMoV_RNA1A	5642	0.056	80.1	1.7	48.8	4731	83.9	43.3

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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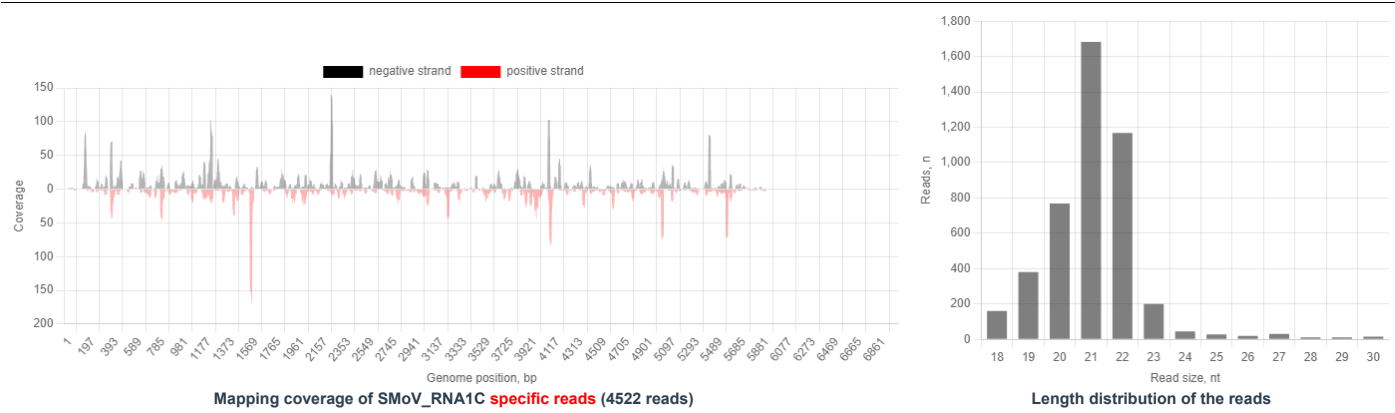
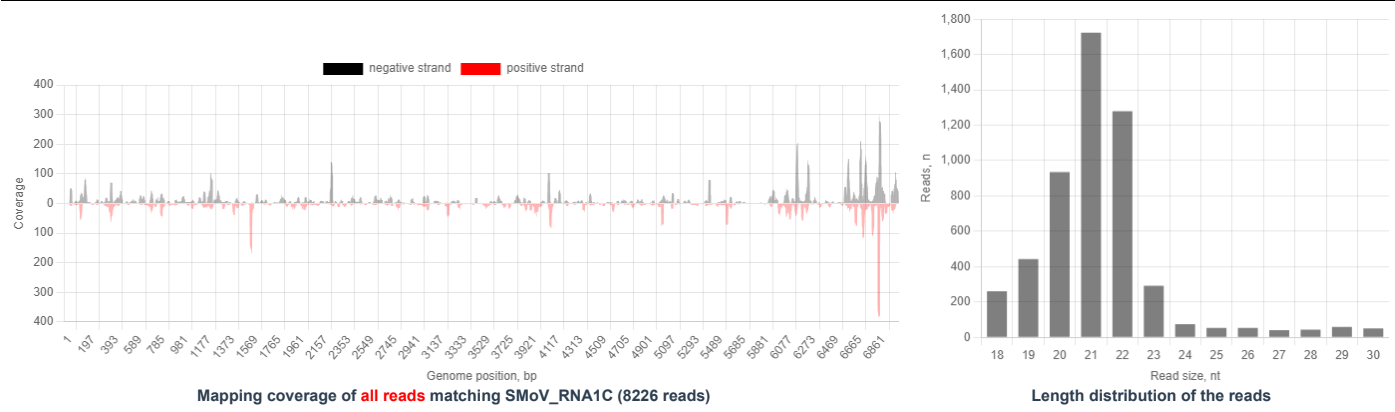


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SMoV	SMoV_RNA1B	5082	0.051	72.1	1.3	47.1	3850	75.8	36.4

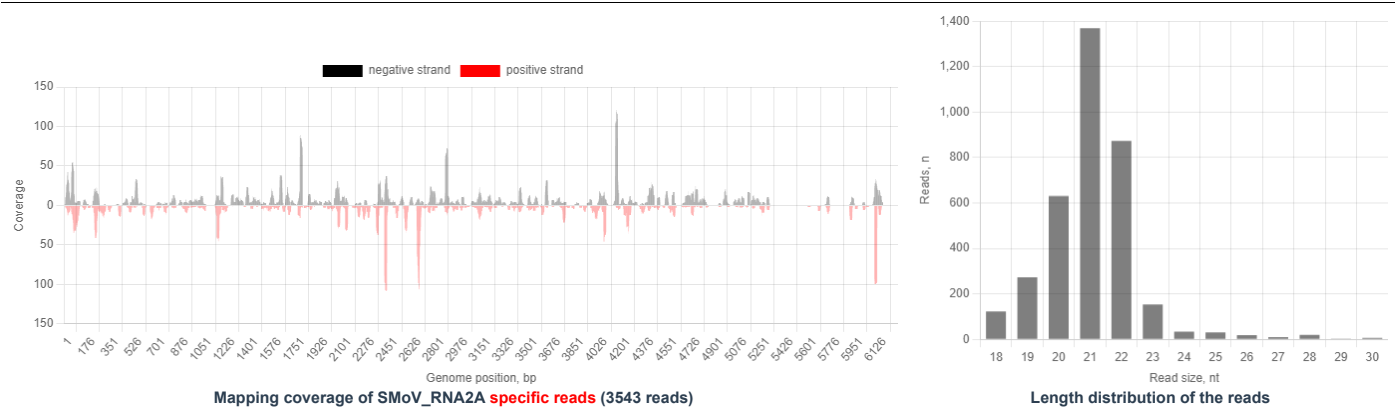
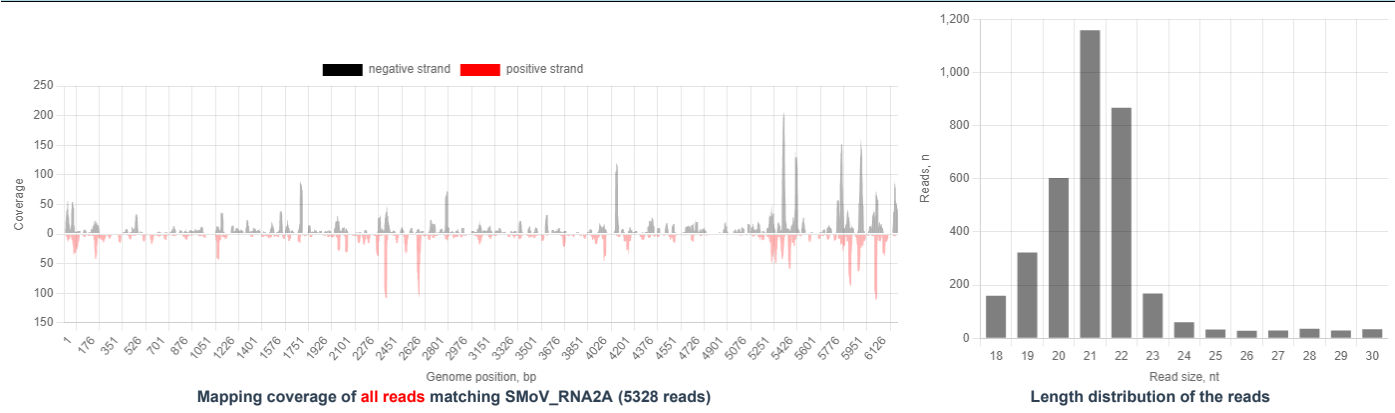


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SMoV	SMoV_RNA1C	5308	0.053	75.4	1.3	48.4	4522	85.2	38.7

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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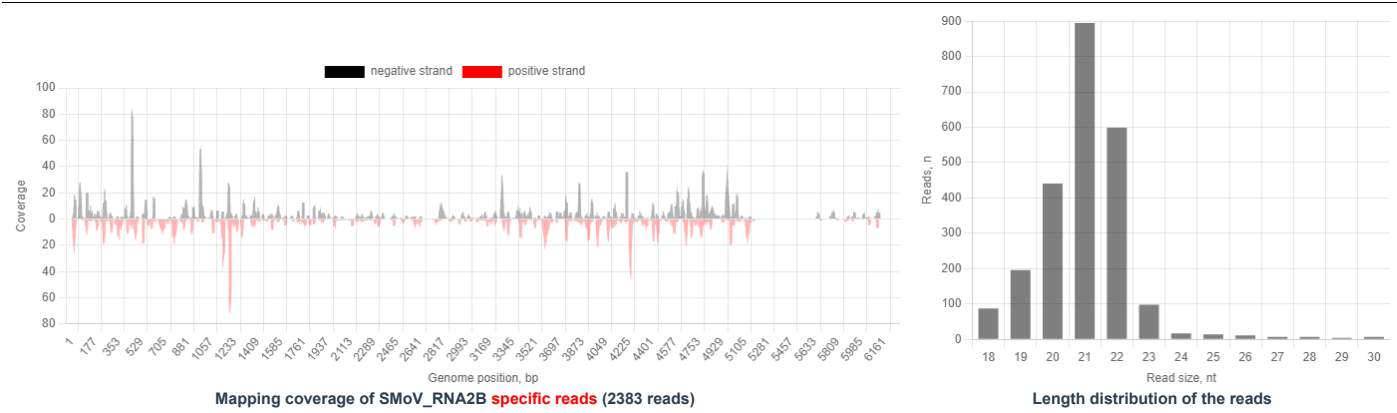
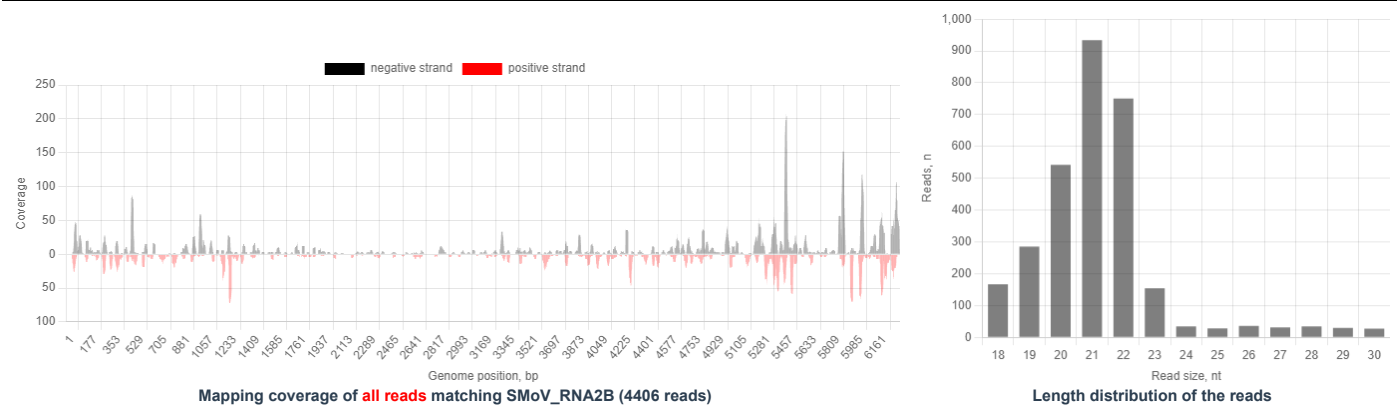


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SMoV	SMoV_RNA2A	3527	0.035	56.2	1.6	52.3	3543	100.5	34.7

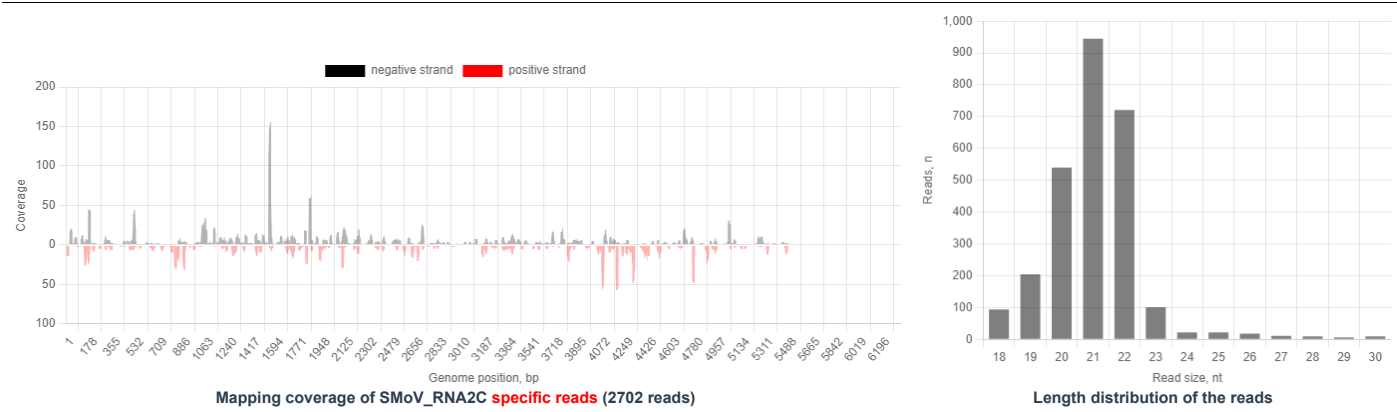
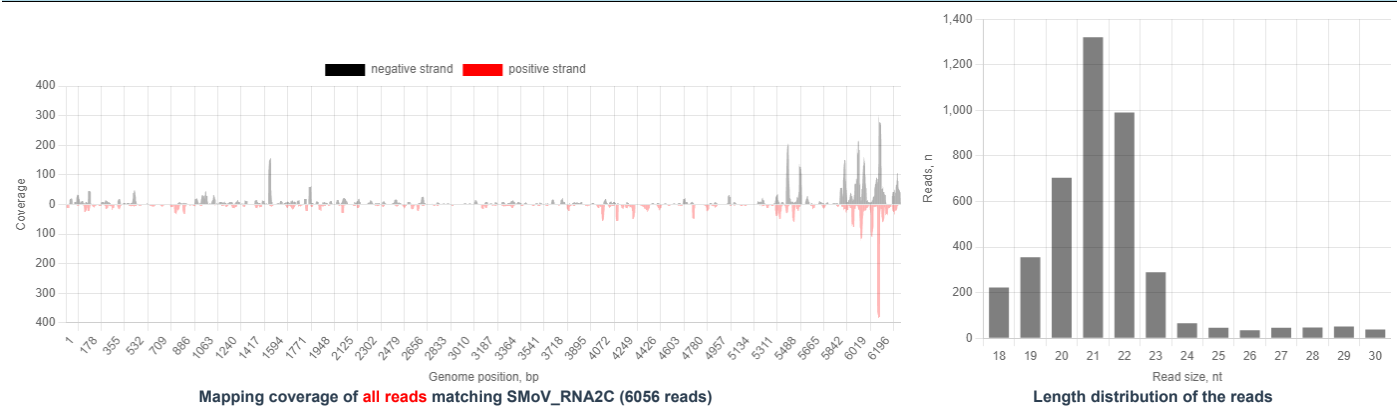


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SMoV	SMoV_RNA2B	3053	0.031	48.3	1.6	52.5	2383	78.1	24.4

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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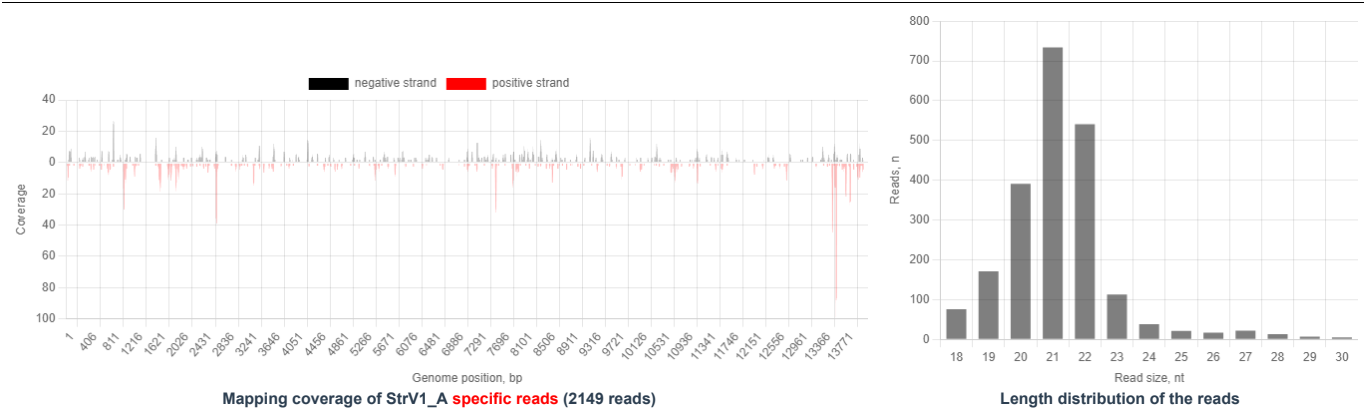
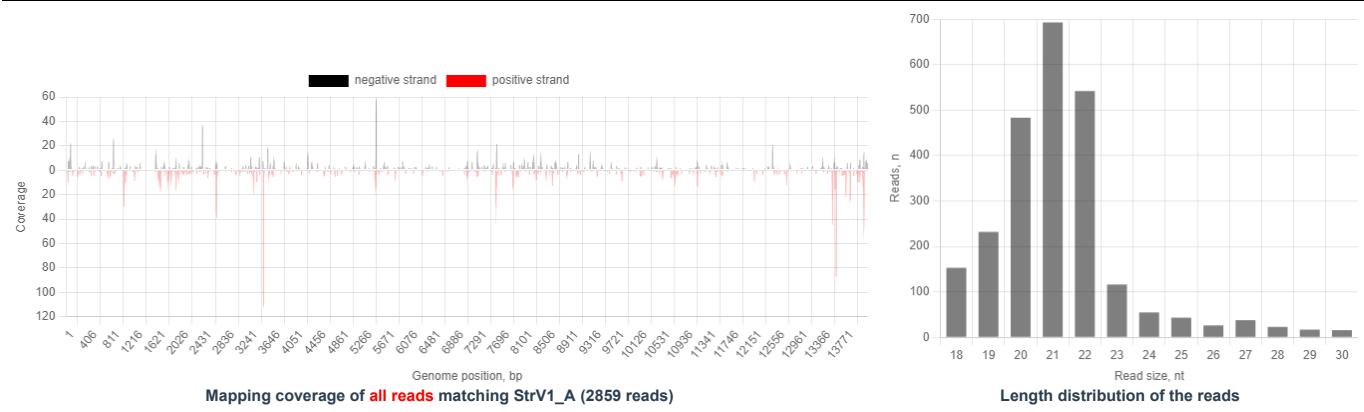


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	SMoV	SMoV_RNA2C	4212	0.042	66.4	1.5	47.3	2702	64.2	30.3

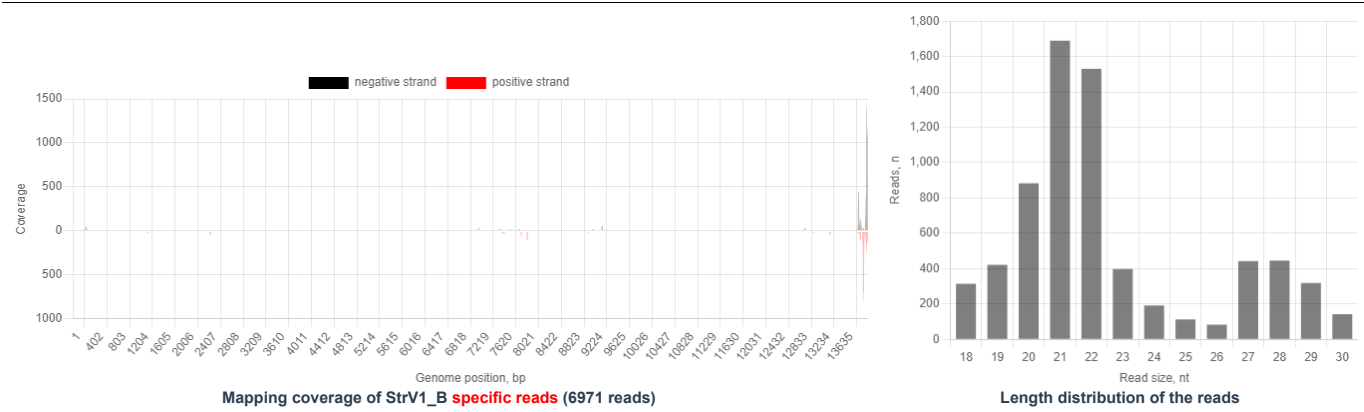
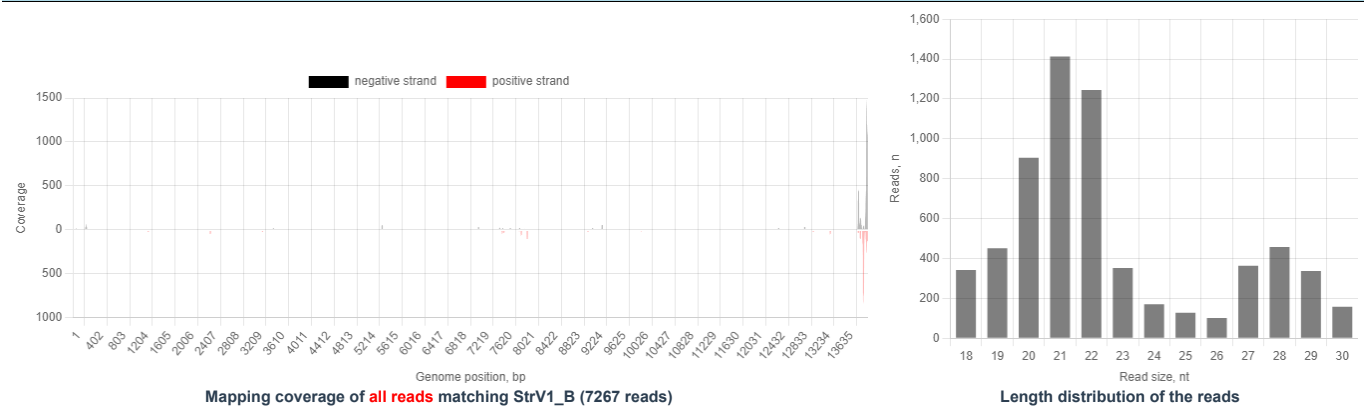


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	StrV1	StrV1_A	2437	0.024	17.2	1.0	61.3	2149	88.2	13.2

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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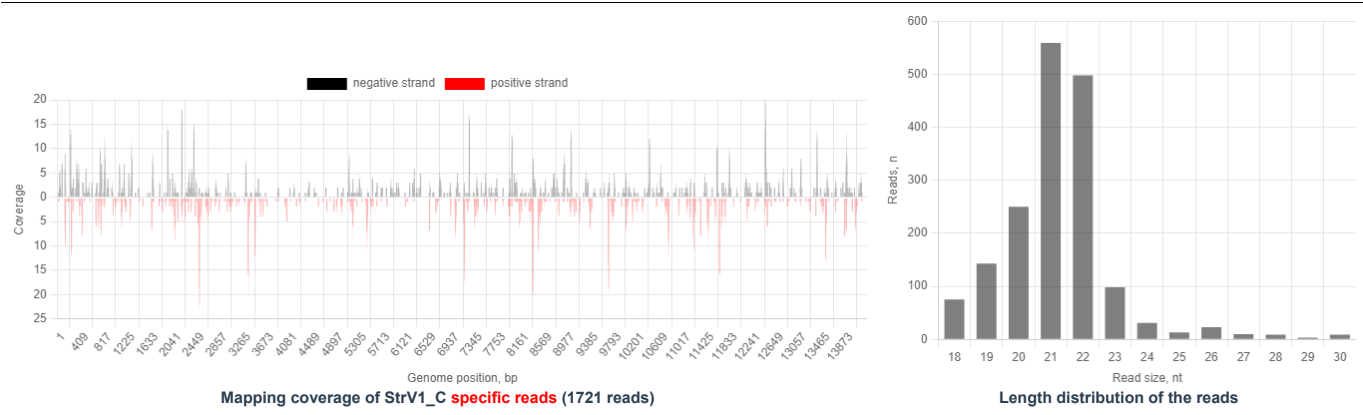
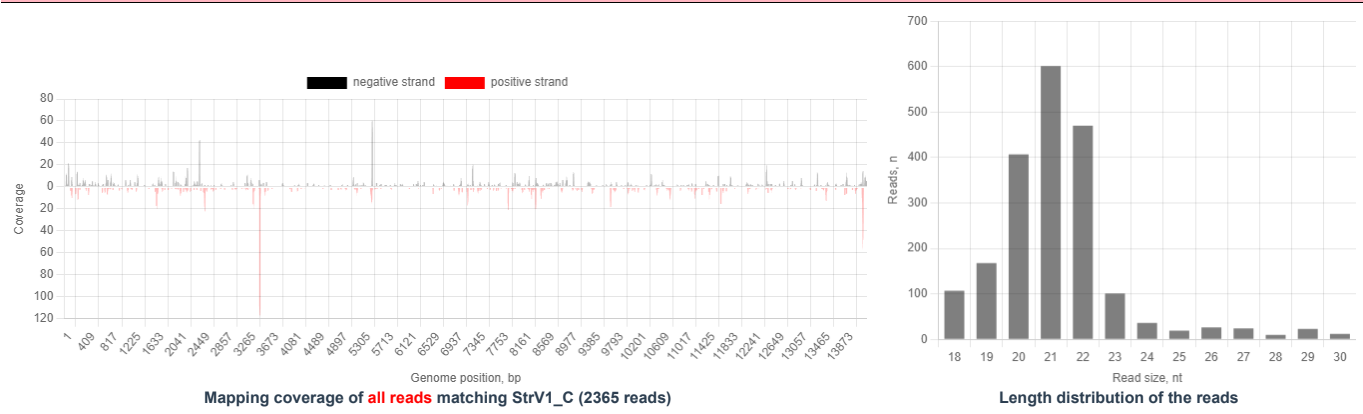


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	StrV1	StrV1_B	6422	0.064	45.8	1.6	40.3	6971	108.5	44.0



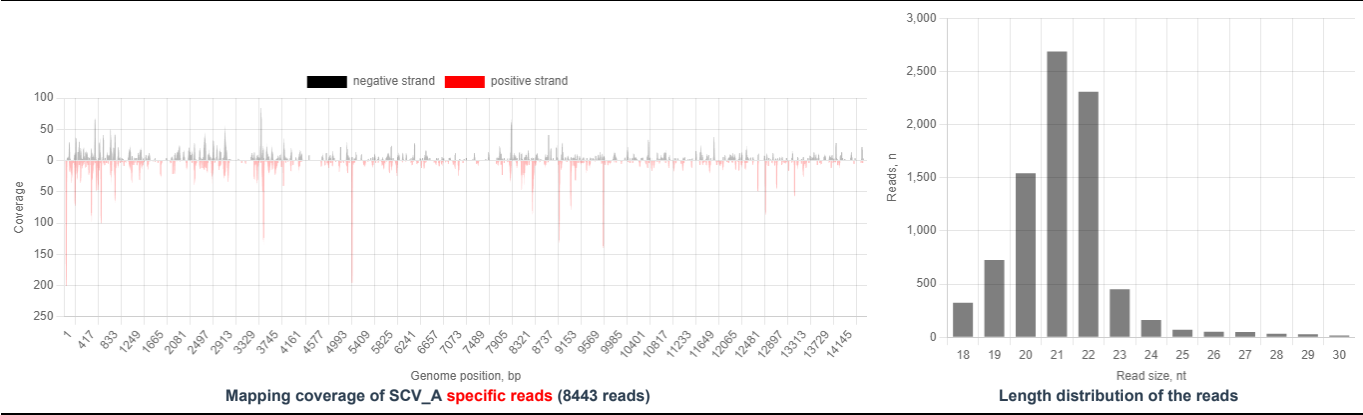
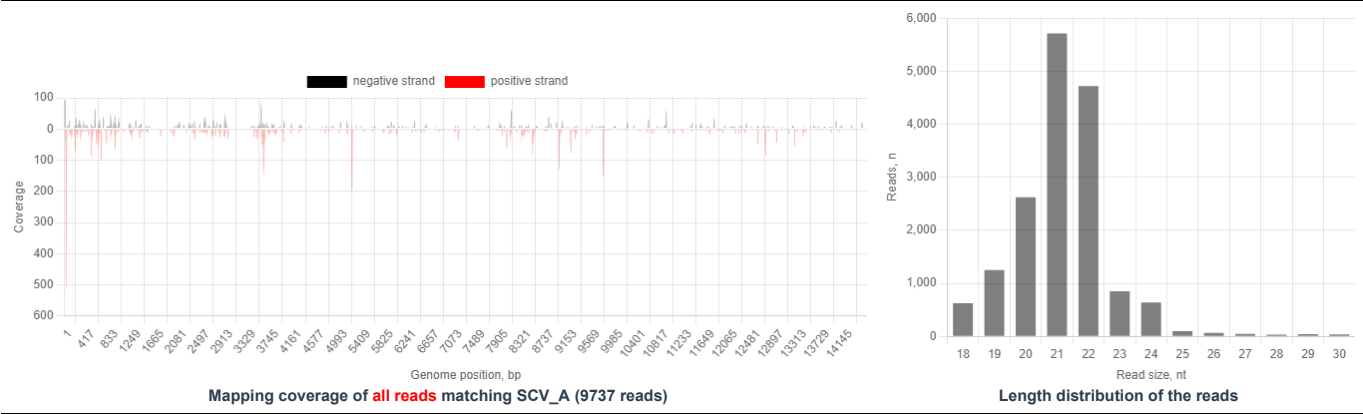
Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_3	10000000	StrV1	StrV1_C	2004	0.020	14.1	1.1	61.6	1721	85.9	9.9

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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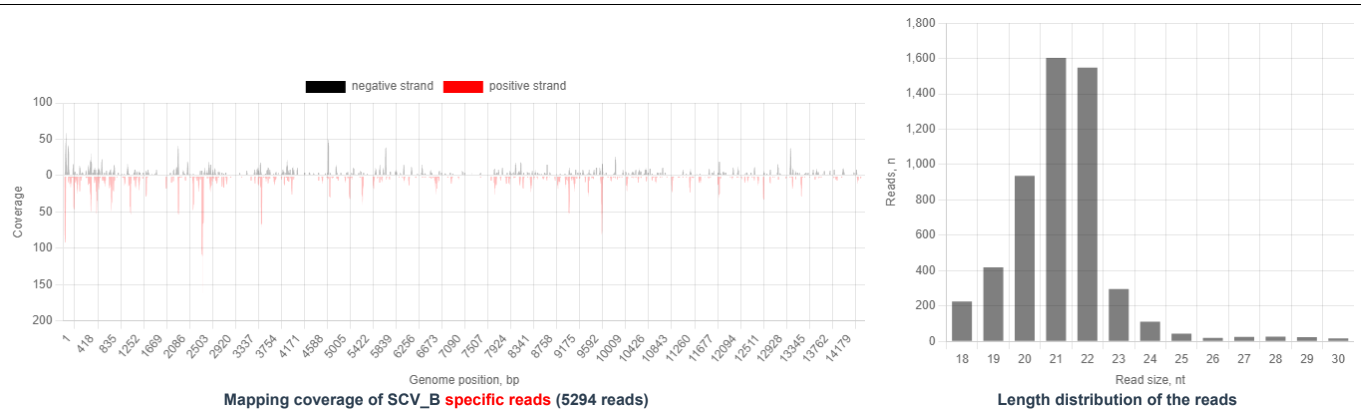
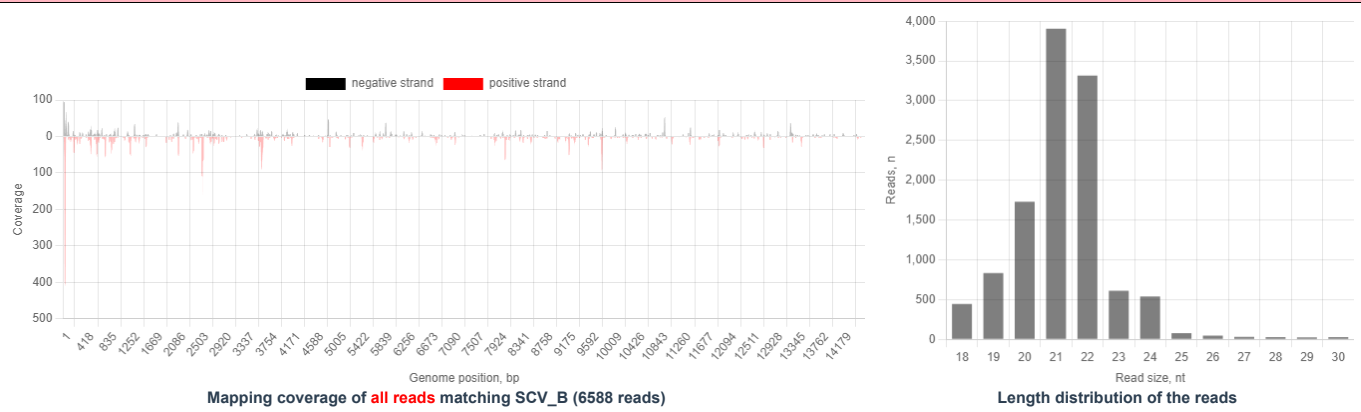
Mappings of the 3K_4 reads against the viral references.

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SCV	SCV_A	16741	0.167	115.1	0.9	52.8	8443	50.4	100.2

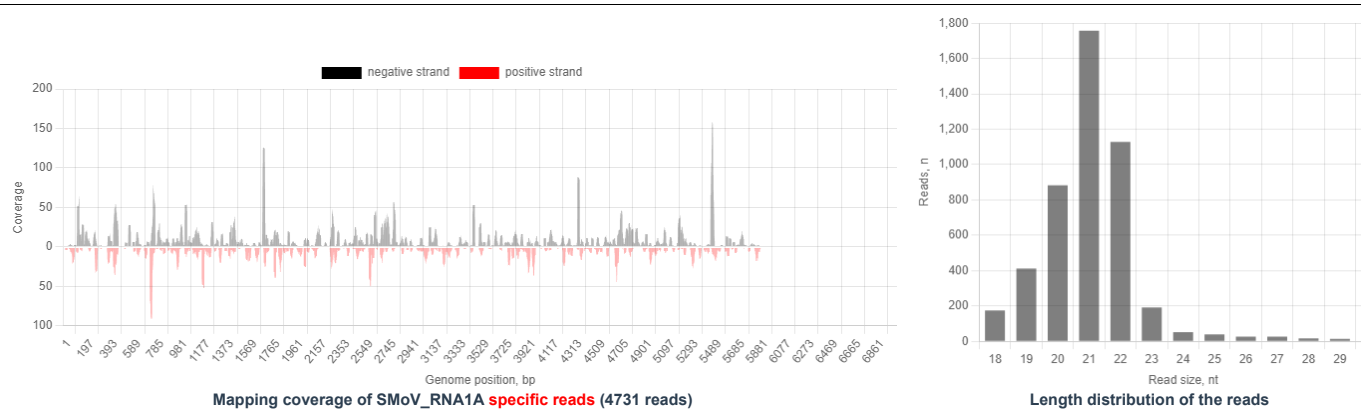
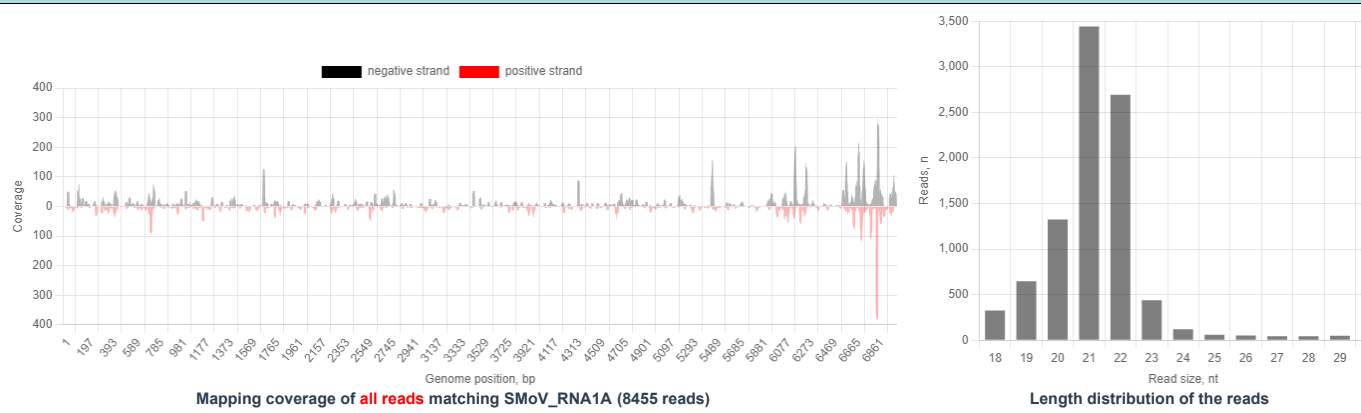


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SCV	SCV_B	11607	0.116	79.7	0.8	56.4	5294	45.6	64.9

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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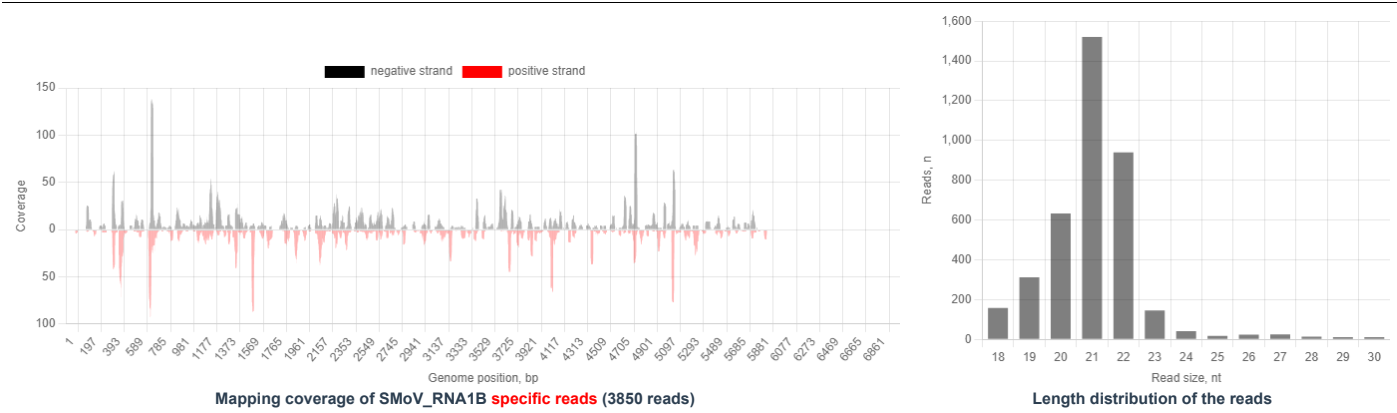
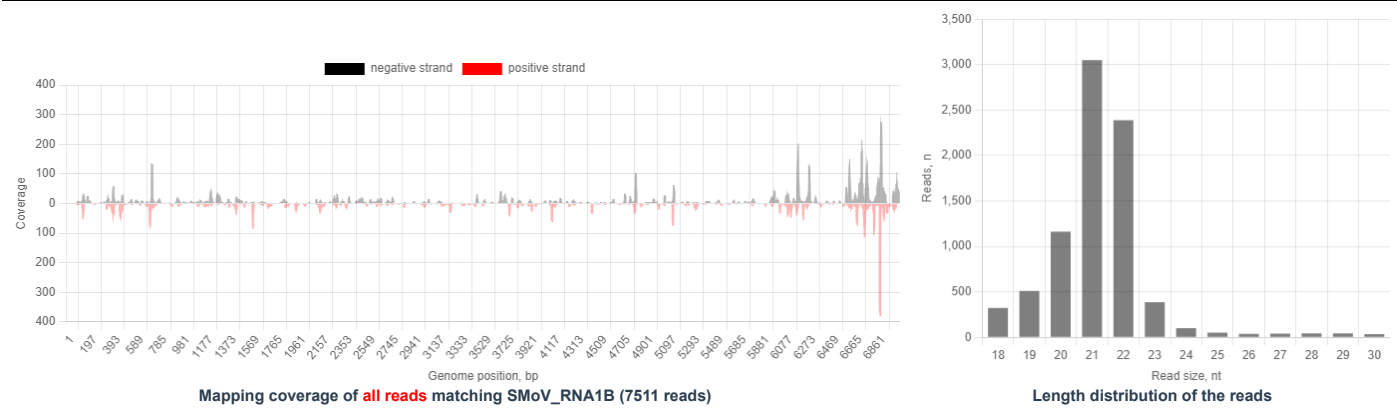


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SMoV	SMoV_RNA1A	9272	0.093	131.8	1.3	51.5	4731	51.0	72.5

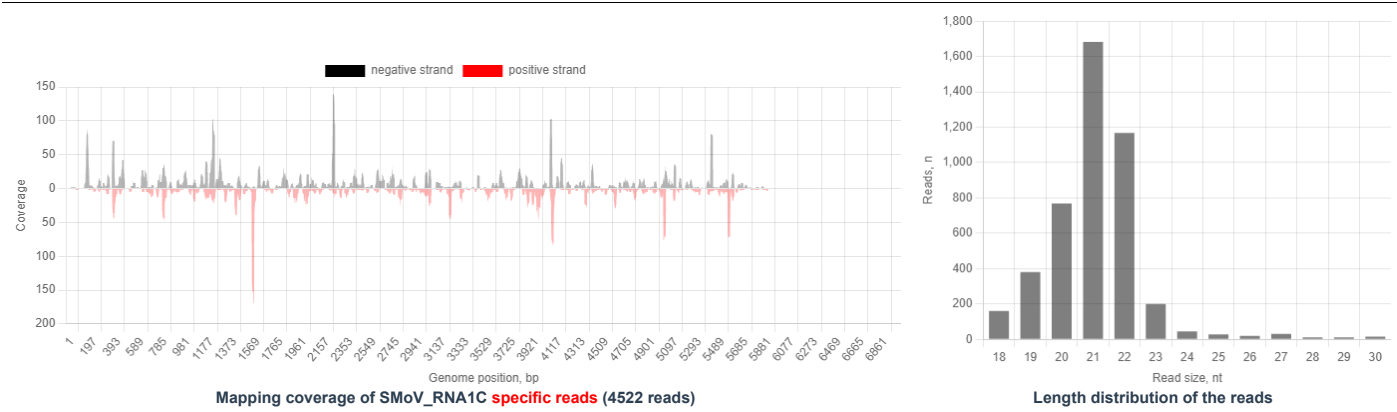
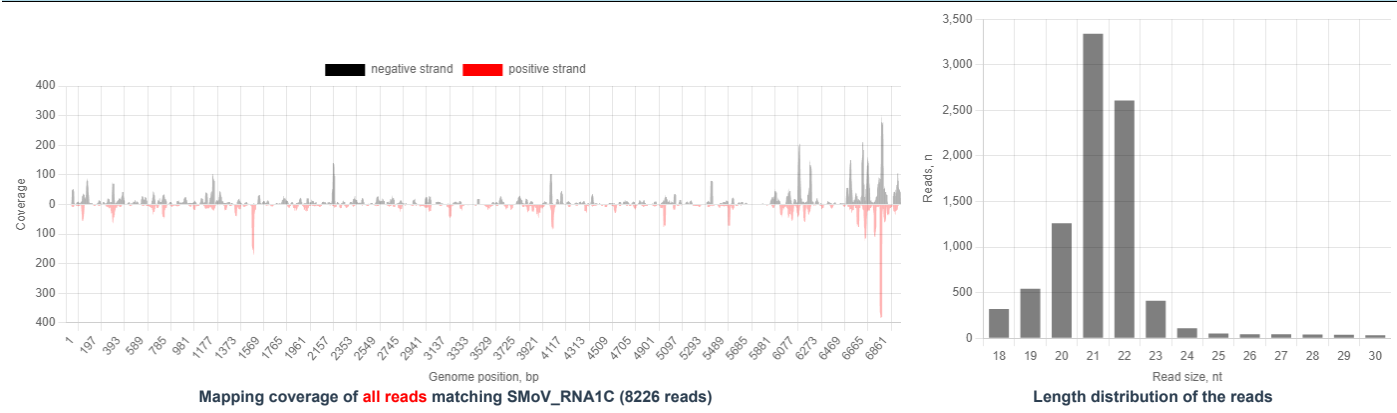


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SMoV	SMoV_RNA1B	8175	0.082	115.9	1.2	50.3	3850	47.1	58.0

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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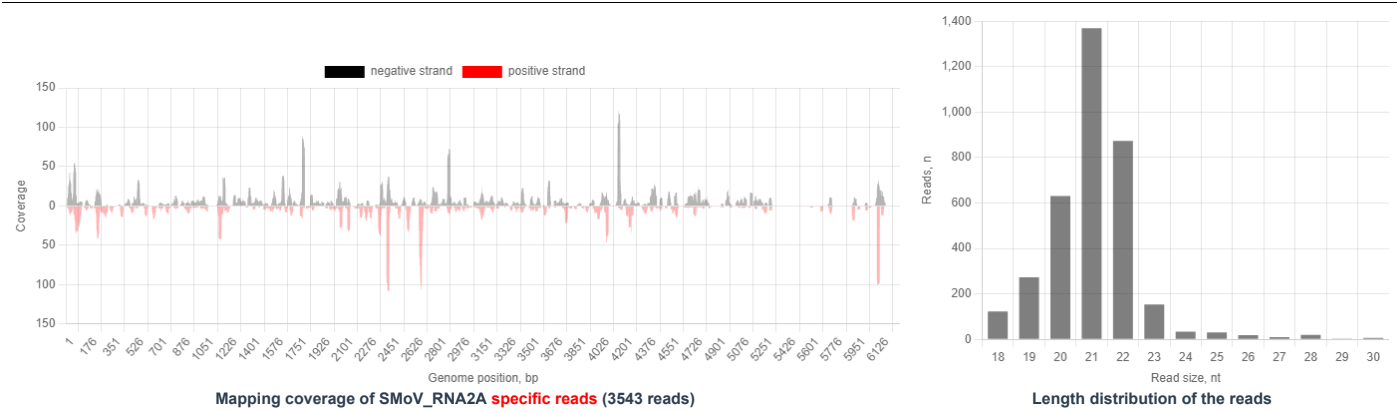
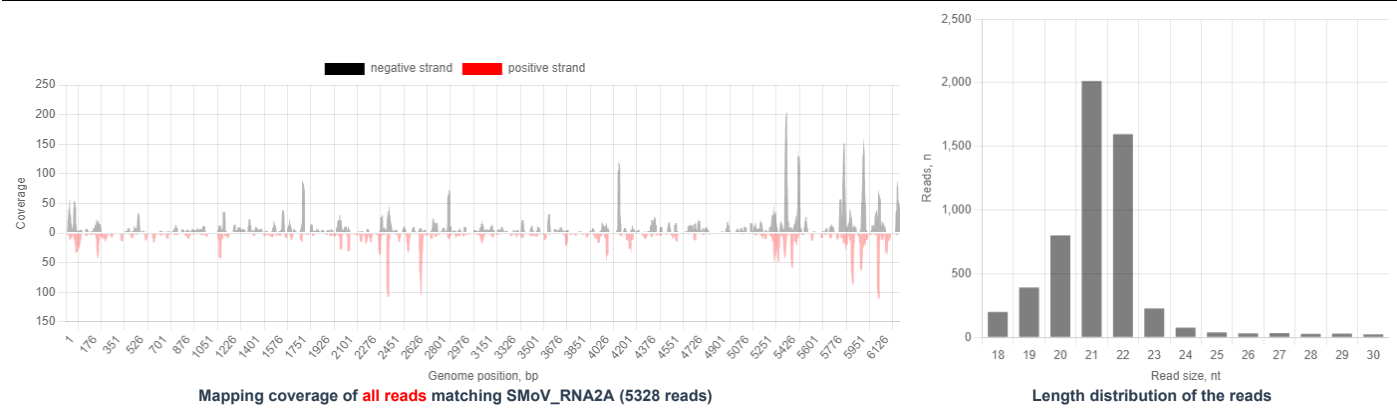


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SMoV	SMoV_RNA1C	8838	0.088	125.5	1.2	51.1	4522	51.2	66.5

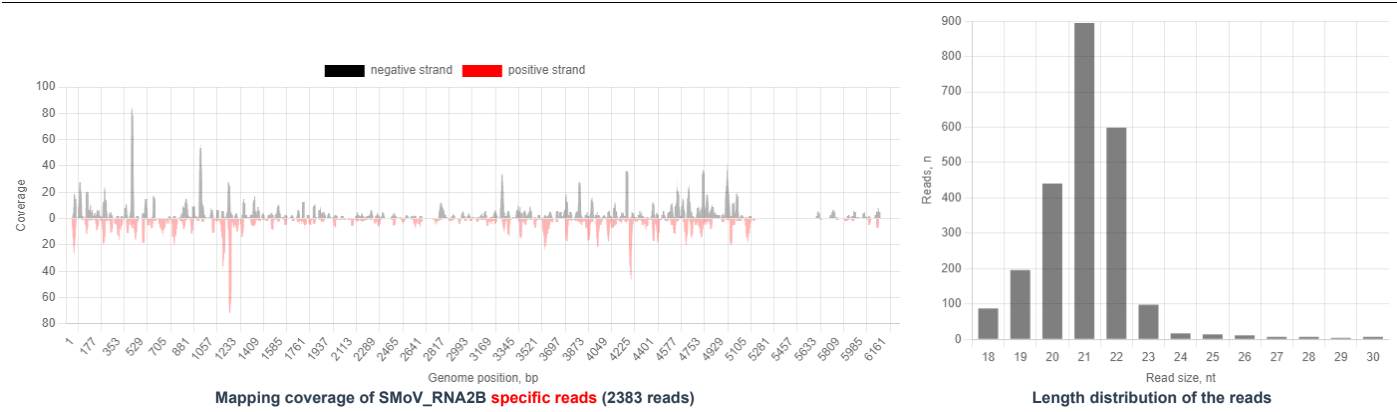
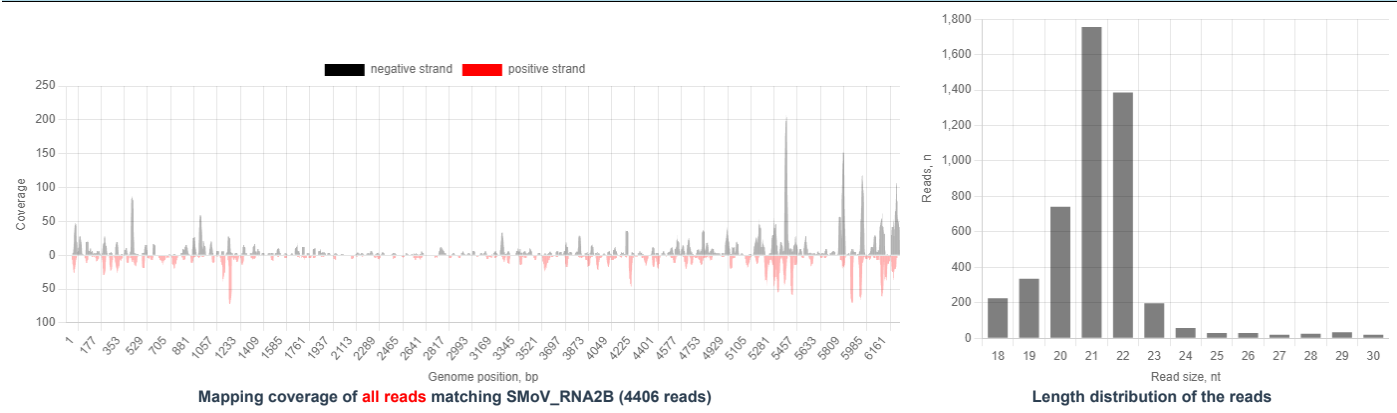


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SMoV	SMoV_RNA2A	5487	0.055	87.6	1.4	56.9	3543	64.6	56.5

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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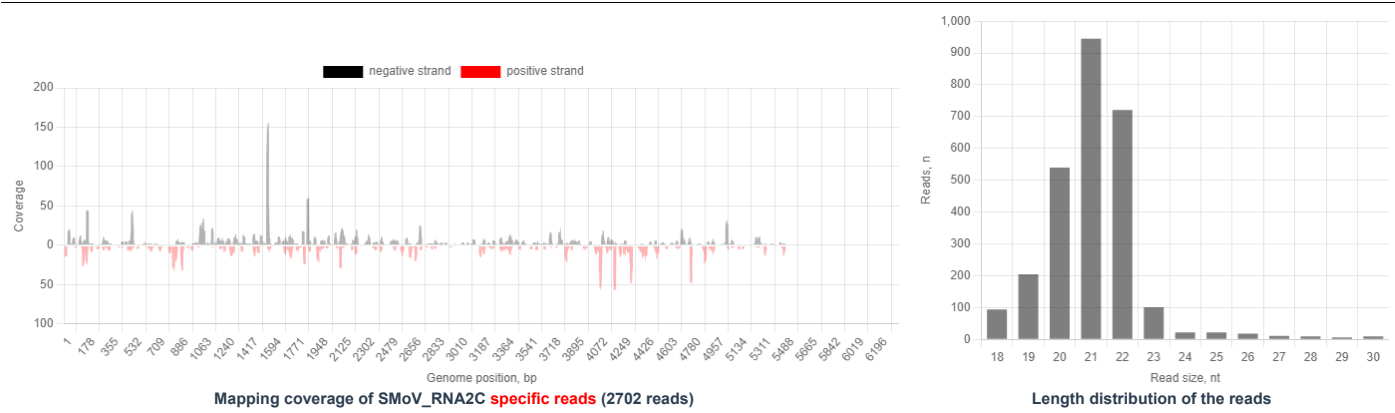
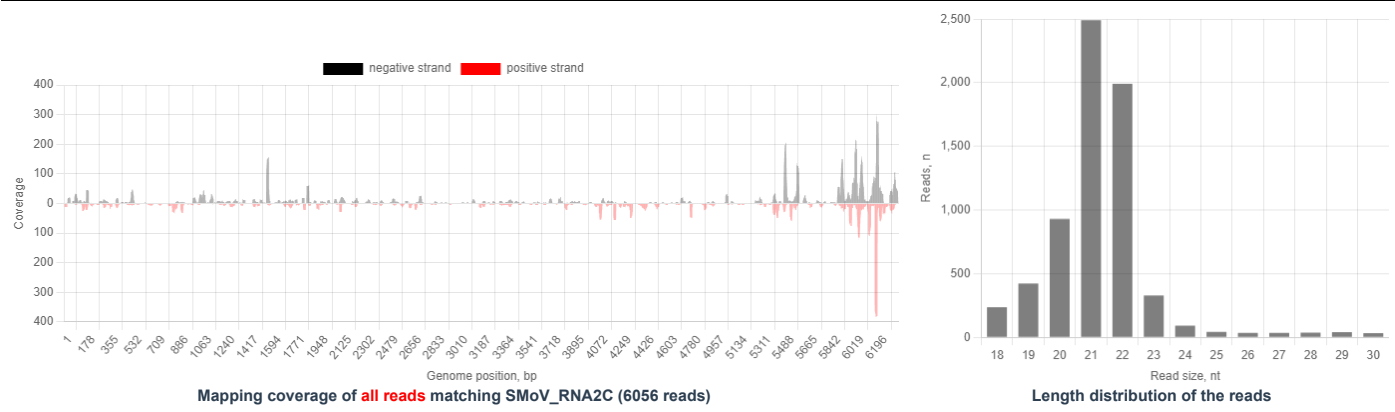


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SMoV	SMoV_RNA2B	4859	0.049	76.8	1.4	59.8	2383	49.0	42.3

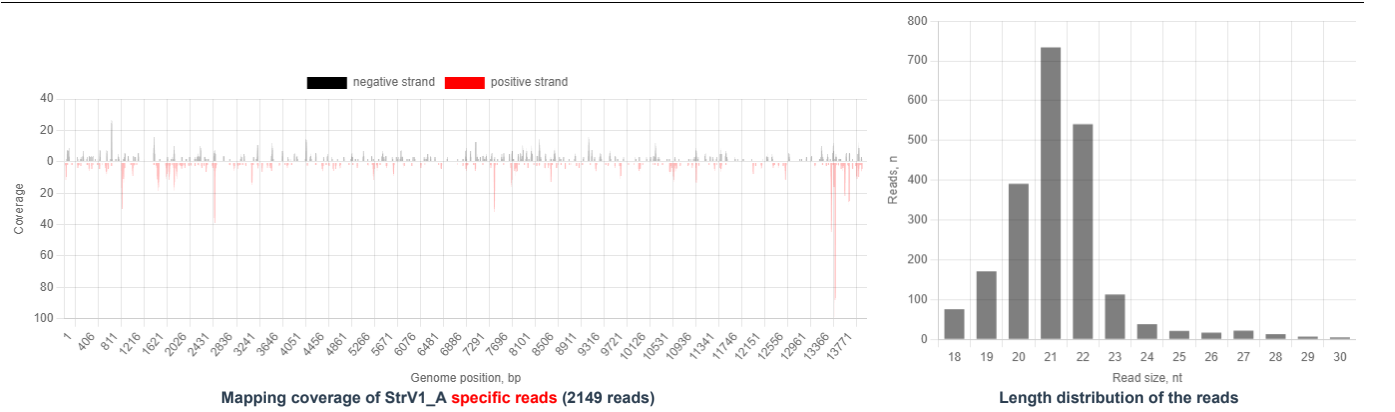
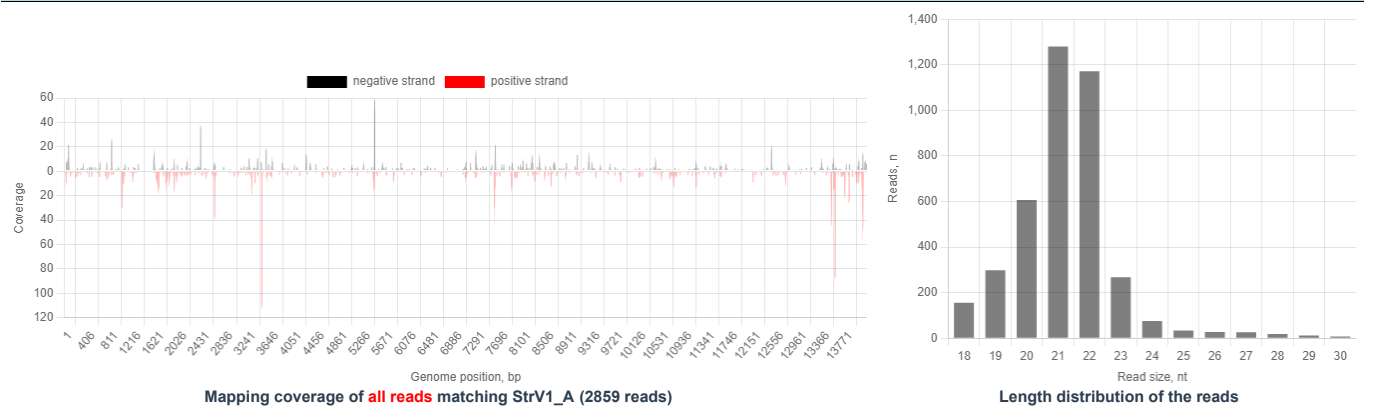


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	SMoV	SMoV_RNA2C	6716	0.067	105.9	1.2	49.5	2702	40.2	46.8

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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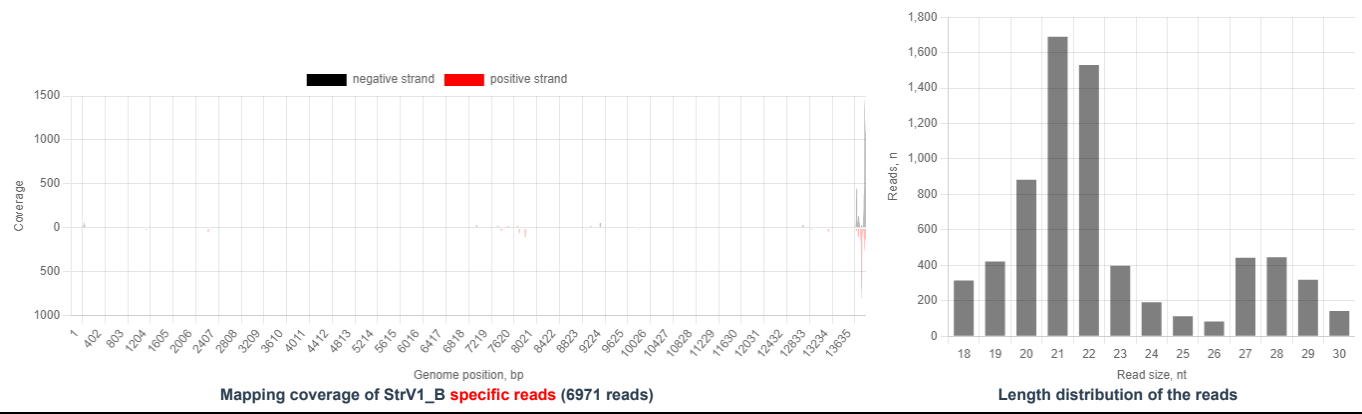
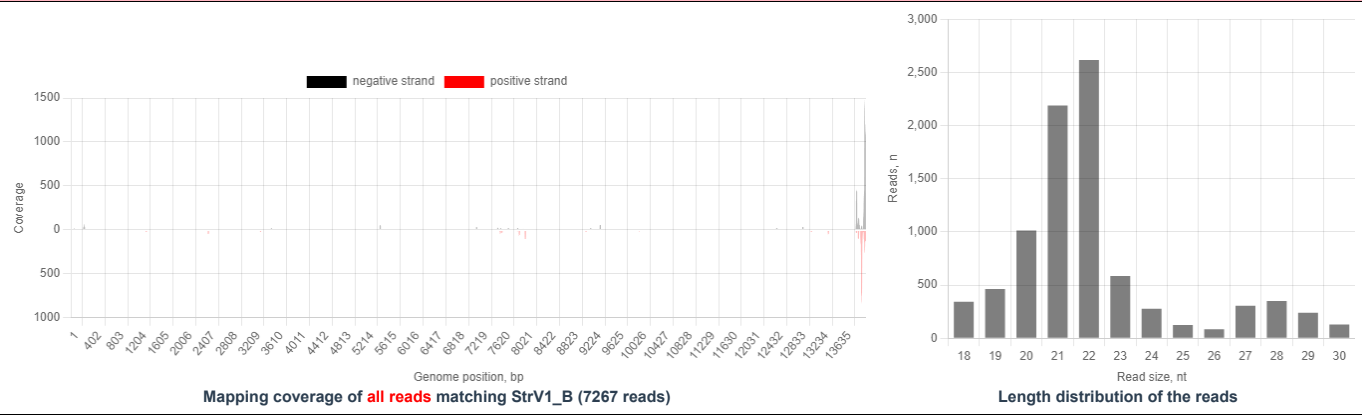


Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	StrV1	StrV1_A	3980	0.040	28.1	1.0	71.8	2149	54.0	22.9



Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	StrV1	StrV1_B	8719	0.087	62.1	1.4	42.7	6971	80.0	59.8

Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
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Dataset	Input reads	Virus	Reference	Mapped reads	Mapped reads, %	RPKM	Forward/Reverse balance	Nonredundant, %	Strain specific	Strain specific, % from total mapped reads	Strain specific, RPKM
3K_4	10000000	StrV1	StrV1_C	2729	0.027	19.1	1.1	75.2	1721	63.1	14.4

