SAC	LS5	CRF	93.9	3.5	2.6	90.0	2.9	2.6	4.5	14.1	15.8	20.0	18.8	0.9	0.6	
CAT	LS5	CRF	93.7	3.7	2.6	90.0	2.8	2.6	4.6	13.8	16.1	19.6	18.7	0.9	0.6	
BON	LS5	CRF	93.7	3.9	2.4	89.8	3.0	3.1	4.1	13.5	16.2	19.8	16.4	0.9	0.6	
BON	BRE	CRF	93.6	3.8	2.6	89.8	3.0	3.1	4.2	13.1	16.2	19.7	16.6	0.9	0.6	
			-			-			_	-	_	_				
- CAI	BFW		93.5	4.0	2.6	90.0	2.9	2.6	4.5	13.9	ш	19.8		0.9	0.6	
SAC	BRE	CRF	93.6	3.7	2.6	89.9	2.9	2.5	4.7	14.0	16.5	20.8	18.9	0.9	0.6	
BON	BFW	CRF	93.4	4.2	2.4	89.8	3.0	3.0	4.2	13.1	16.4	19.5	16.8	0.9	8.0	
SAC	BFW	CRF	93.5	3.6	2.9	89.6	3.0	2.5	4.8	15.0	16.8	21.0	19.5	0.9	0.6	
BON	LS3	CRF	93.9	3.5	2.6	89.2	3.2	3.0	4.6	14.1	18.0	21.9	18.2	0.9	0.6	
MIN	LS5	CRF	93.5	3.8	2.7	89.2	3.1	2.6	5.1	14.6	17.6	21.7	19.7	0.9	0.7	
MIN	BRE		-	3.8		-	3.2		5.2	-	17.9	22.6		-		
-			93.5		2.7	89.0		2.6		-				0.9	0.6	
BON	LS1	CRF	93.6	4.0	2.4	88.0	3.6	3.6	4.8	15.2	19.2	23.7	18.8	0.9	0.5	
SAC	LS3	CRF	92.9	3.6	3.5	89.2	3.1	2.5	5.2	15.7	17.9	22.0	21.0	0.9	0.8	
MIN	BFW	CRF	93.4	3.5	3.1	88.5	3.4	2.8	5.4	16.3	18.7	22.8	20.7	0.9	0.6	
CAT	LS3	CRF	92.7	3.8	3.5	89.3	3.1	2.6	5.1	15.5	17.6	22.2	21.2	0.9	0.7	
CAT	BRE	CRF	92.7	4.4	2.9	88.8	3.1	2.5	5.7	16.9	18.3	24.1	20.9	0.9	0.6	
- MIN	URN	CRF	93.2	3.9	2.9	88.1	3.4	3.0	5.5	16.5	20.6	26.2	20.9	0.9	0.6	
-			-			-				-				-		
SAC	LS3	СТС	92.0	4.7	3.4	86.5	3.9	3.7	5.8	-		21.2		0.9	0.1	
MIN	LS1	CRF	92.9	3.9	3.2	88.3	3.4	2.8	5.5	16.5	20.2	26.0	22.3	0.9	0.6	
SAC	LS5	CTC	91.5	5.4	3.1	86.4	4.0	4.0	5.7	14.2	20.0	21.4	18.3	0.9	0.1	
SAC	BRE	СТС	92.2	4.2	3.6	87.0	3.8	3.8	5.5	14.8	19.3	21.8	19.8	0.9	0.1	
SAC	LS1	CRF	93.2	4.1	2.7	87.8	3.6	3.0	5.7	17.7	21.9	27.9	23.3	0.9	0.5	
BON	CAT	CRF	93.3	4.0	2.6	87.5	3.8	3.7	5.0	16.2	21.2	28.1	21.5	0.9	0.5	
- BON	LS5	СТС	90.9	6.0	3.1	85.0	4.5	5.4	5.1	13.0	17.1	21.2	15.8	0.9	0.1	
-			-		_	-				-				-		
MIN	CAT	CTC	91.8	5.9	2.4	86.0		3.8	6.1	14.7		24.4		0.9	0.1	
CAT	LS1	CRF	93.4	3.9	2.7	87.8	3.5	2.9	5.8	18.0	21.4	28.5	23.9	0.9	0.6	
BON	BFW	СТС	90.5	6.6	2.9	84.3	4.8	5.6	5.2	13.4	18.0	21.3	16.4	0.9	0.1	
BON	SAC	СТС	91.0	6.5	2.5	84.3	4.7	5.6	5.4	13.6	18.4	21.8	15.3	0.9	0.1	
CAT	LS3	СТС	91.4	5.6	3.0	85.3	4.4	4.4	5.9	14.5	21.2	21.9	17.7	0.9	0.1	
CAT	CAT	CRF	92.7	4.4	2.9	87.9	3.5	3.0	5.6	17.1	23.6	30.1	27.0	0.9	0.6	
BON		СТС	90.0	7.5	2.5	83.5	5.0	5.7	5.8	13.7	17.8		14.7	0.9	0.1	
			-			-				-			_	-		
MIN	LS3	CRF	92.4	3.8	3.8	87.5	3.7	2.8	5.9	18.1	21.2	26.8	22.8	0.9	0.5	
CAT		СТС	91.2	5.7	3.1	85.9	4.2	3.9	6.0	14.6		23.3		0.9	0.1	
BON	LS3	СТС	89.4	7.4	3.2	83.3	5.3	6.1	5.4	13.2	19.0	20.6	15.4	0.9	0.1	
URN	LS3	СТС	91.9	4.8	3.2	87.8	3.0	1.8	7.4	26.3	24.8	30.3	30.9	0.9	0.1	
SAC	CAT	СТС	92.1	5.5	2.5	86.0	4.1	3.8	6.2	16.0	25.2	29.4	20.2	0.9	0.1	
MIN	BFW	СТС	91.6	4.7	3.7	85.3	4.5	3.8	6.4	15.0	20.2	23.6	19.4	0.9	0.1	
MIN	CAT	CRF	92.7	4.3	2.9	87.6		2.9	5.9	18.7		30.0		0.9	0.7	
-			-			_				-				-		
MIN -	LS5	СТС	91.1	5.6	3.3	85.1	4.5	3.9	6.4	14.6	21.1	22.9	17.3	0.9	0.1	
BON	BRE	CTC	90.1	6.5	3.4	84.2	4.9	5.5	5.4	13.5	18.1	21.5	16.6	0.9	0.1	
CAU	LS5	СТС	91.7	2.6	5.7	87.2	3.2	1.7	7.9	26.9	27.4	30.2	31.6	0.9	0.1	
MIN	BRE	СТС	91.6	4.7	3.6	85.4	4.5	3.9	6.2	14.5	20.7	23.3	19.4	0.9	0.1	
CAT	SAC	СТС	92.1	5.0	2.9	86.3	3.9	3.3	6.4	18.7	25.6	28.9	22.8	0.9	0.1	
SAC	URN	CRE	92.3	4.5	3.1	86.9	3.8	3.3	6.0	17.6	22.5	29.0	24.2	0.9	0.5	
CAU		СТС	91.7			-				-				-	0.1	
-			-	3.7	4.6	87.3	3.1	1.7	7.9	25.6		32.2		0.9		
URN	LS5	СТС	91.7	2.9	5.4	86.9	3.3	1.9	7.8	28.0	26.8	32.3	31.6	0.9	0.1	
SAC	SAC	CRF	92.8	3.6	3.6	87.3	3.7	3.4	5.5	20.1	24.7	30.7	29.9	0.9	0.6	
MIN	SAC	СТС	90.9	6.6	2.5	83.4	5.2	4.8	6.6	16.1	22.2	27.9	17.6	0.9	0.1	
CAT	SAC	CRF	92.4	4.1	3.4	87.5	3.6	3.3	5.6	20.9	24.8	30.4	29.7	0.9	8.0	
BON	URN	CRF	92.2	4.2	3.6	86.6	4.1	3.8	5.6	16.7	23.4	28.4	21.4	0.9	0.6	
CAT	CAT	СТС	92.0		2.7	85.8	4.1	3.7	6.4	16.3	28.0	30.6	20.2	0.9	0.1	
SAC	SAC	СТС	-			86.1	3.8			-				-	0.1	
			91.9	3.4	4.7	-		3.0	7.1	22.4		31.3	25.0	0.9		
CAU	BRE	СТС	91.4	2.9	5.7	86.6	3.5	2.0	7.9	29.3	28.1	30.8	31.6	0.9	0.1	
CAT	URN	CRF	91.5	4.6	3.9	86.5	3.8	3.3	6.4	16.6	24.4	30.9	22.5	0.9	0.5	
BON	URN	СТС	84.4	12.3	3.3	80.8	6.3	7.1	5.8	13.2	19.0	22.2	15.4	0.8	0.1	
SAC	BFW	СТС	89.5	7.1	3.4	83.9	5.0	4.5	6.6	15.6	22.4	25.2	18.9	0.9	0.1	
- URN	BFW	СТС	91.3	2.4	6.4	86.1	3.7	2.0	8.2	26.7	29.4	32.0	33.0	0.9	0.1	
urn	BRE	СТС	91.2	3.3	5.6	- 85.9	3.8	2.2	8.1	26.6		32.2		0.9	0.1	
-			-			-										
BON		CTC	-		3.2	79.5		6.7	7.1	12.9		22.9	_	0.8	0.1	
URN -	LS1	CTC	90.8	4.9	4.3	86.1	3.6	2.0	8.3	26.4	29.8	32.0	33.5	0.9	0.1	
BON					5.6	84.1	5.1	5.2	5.6	19.5	21.1	24.9	27.4	0.9	0.4	
		CRF	91.3	3.1	5.0		_									
MIN			87.7	9.1	3.1	83.2	5.2	4.5	7.1	15.2	23.1	24.2	17.7	0.9	0.1	
- MIN	SAC		-			83.2	5.2 5.6	4.5 4.7	7.1 7.3	-		24.226.4		0.9	0.1	
MIN	SAC LS1	СТС	87.7	9.1	3.1	-				15.2	23.8		17.4	-		
MIN CAT	SAC LS1 LS3 BFW	CTC CTC	87.7 88.0 88.8	9.1 9.1 7.9	3.1 3.0 3.3	82.4	5.6 5.3	4.7	7.3	15.2 - 15.9	23.823.3	26.425.1	17.4 19.6	0.8	0.1	
MIN CAT CAU	SAC LS1 LS3 BFW BFW	CTC CTC CTC	87.7 88.0 88.8 89.9	9.1 9.1 7.9 3.0	3.1 3.0 3.3 7.1	82.4 83.2 85.2	5.65.33.6	4.7 4.8 1.8	7.3 6.7 9.3	15.2 15.9 32.3	23.823.330.0	26.425.134.4	17.4 19.6 36.6	0.8	0.1	
MIN CAT CAU SAC	SAC LS1 LS3 BFW BFW LS1	CTC CTC CTC CTC	87.7 88.0 88.8 89.9 85.7	9.1 9.1 7.9 3.0 11.3	3.1 3.0 3.3 7.1 3.0	82.4 83.2 85.2 81.7	5.65.33.65.7	4.7 4.8 1.8 5.1	7.3 6.7 9.3 7.4	15.2 15.9 32.3 14.9	23.823.330.022.9	26.4 25.1 34.4 25.5	17.4 19.6 36.6 16.1	0.8 0.9 0.9 0.8	0.1 0.1 0.1 0.1	
MIN CAT CAU SAC	SAC LS1 LS3 BFW BFW	CTC CTC CTC CTC	87.7 88.0 88.8 89.9 85.7	9.1 9.1 7.9 3.0	3.1 3.0 3.3 7.1 3.0	82.4 83.2 85.2 81.7	5.65.33.6	4.7 4.8 1.8 5.1	7.3 6.7 9.3 7.4	15.2 15.9 32.3 14.9	23.823.330.022.9	26.4 25.1 34.4 25.5	17.4 19.6 36.6	0.8	0.1 0.1 0.1 0.1	
MIN CAT CAU SAC CAT	SAC LS1 LS3 BFW BFW LS1	СТССТССТССТССТССТС	87.7 88.0 88.8 89.9 85.7 84.8	9.1 9.1 7.9 3.0 11.3	3.1 3.0 3.3 7.1 3.0	82.4 83.2 85.2 81.7	5.6 5.3 3.6 5.7 6.0	4.7 4.8 1.8 5.1	7.3 6.7 9.3 7.4	15.2 15.9 32.3 14.9	23.8 23.3 30.0 22.9 23.6	26.4 25.1 34.4 25.5	17.4 19.6 36.6 16.1 16.6	0.8 0.9 0.9 0.8	0.1 0.1 0.1 0.1	
MIN CAT CAU SAC CAT CAT	SAC LS1 LS3 BFW LS1 LS1	СТССТССТССТССТССТС	87.7 88.0 88.8 89.9 85.7 84.8	9.1 9.1 7.9 3.0 11.3	3.1 3.0 3.3 7.1 3.0 3.0	82.4 83.2 85.2 81.7 81.1	5.6 5.3 3.6 5.7 6.0	4.7 4.8 1.8 5.1 5.2	7.3 6.7 9.3 7.4 7.7	15.2 15.9 32.3 14.9 15.4 16.1	23.8 23.3 30.0 22.9 23.6 26.1	26.4 25.1 34.4 25.5 24.6 29.0	17.4 19.6 36.6 16.1 16.6	0.8 0.9 0.9 0.8 0.8	0.1 0.1 0.1 0.1	
MIN CAT CAU SAC CAT CAT SAC	SAC LS1 LS3 BFW BFW LS1 LS1 URN	СТССТССТССТССТССТССТС	87.7 88.0 88.8 89.9 85.7 84.8 86.9	9.1 7.9 3.0 11.3 12.2	3.1 3.0 3.3 7.1 3.0 3.0	82.4 83.2 85.2 81.7 81.1	5.6 5.3 3.6 5.7 6.0	4.7 4.8 1.8 5.1 5.2 5.5	7.3 6.7 9.3 7.4 7.7	15.2 15.9 32.3 14.9 15.4 16.1 16.7	23.8 23.3 30.0 22.9 23.6 26.1 27.8	26.4 25.1 34.4 25.5 24.6 29.0	17.4 19.6 36.6 16.1 16.6 17.7	0.8 0.9 0.8 0.8	0.1 0.1 0.1 0.1 0.1	
MIN CAT CAU SAC CAT CAT SAC	SAC LS1 LS3 BFW LS1 LS1 URN URN	СТССТССТССТССТССТССТССТС	87.7 88.0 88.8 89.9 85.7 84.8 86.9 87.3	9.1 7.9 3.0 11.3 12.2 10.2	3.1 3.0 3.3 7.1 3.0 3.0 2.9 2.9	82.4 83.2 85.2 81.7 81.1 81.6 81.8	5.6 5.3 3.6 5.7 6.0 5.9 5.8 4.1	4.7 4.8 1.8 5.1 5.2 5.5 5.1	7.3 6.7 9.3 7.4 7.7 7.0	15.2 15.9 32.3 14.9 15.4 16.1 16.7 29.5	23.8 23.3 30.0 22.9 23.6 26.1 27.8 30.7	26.4 25.1 34.4 25.5 24.6 29.0 26.3 32.7	17.4 19.6 36.6 16.1 16.6 17.7	0.8 0.9 0.9 0.8 0.8	0.1 0.1 0.1 0.1 0.1 0.1	

8.1

5.7

81.5 15.2

87.9

88.2

CAT BRE CTC

CAU URN CTC

MIN URN CTC

4.0

6.0

3.3

5.5

4.1

6.8

82.8

83.8

79.7

4.8

1.9

5.3

6.9

10.3

8.2

0.9

8.0

16.4 23.7 28.1 19.5

35.0 34.7 42.3 35.8

 16.0
 27.2
 31.0
 17.2

0.1

0.1

2 - C - Homopolymer error rate (%)
2 - G - Homopolymer error rate (%)
3 - T - Homopolymer error rate (%)
8 - T - Homopolymer error rate (%)

o. 9. - Overlap

e.0

1.4 - A - Homopolymer error rate (%)

2 - Reads failed alignment (%)

ြို့ မြို့ (%)

SS - Convolution SS - Encoder

- Decoder

- Reads failed other (%)

G - Mismatch rate (%)

o - Match rate (%)

9.5 - Insertion rate (%)

- Deletion rate (%)