SAC	LS5	CRF	93.9	3.52	2.42	0.14	90.0	2.86	2.56	4.55	14.1	15.8	20.0	18.8	91.4	37.2	
BON	LS5	CRF	93.7	3.88	2.28	0.16	- 89.8	2.98	3.06	4.13	13.5	16.2	19.8	16.4	91.1	34.8	
BON	BFW	CRF	93.4	4.19	2.24	0.21	89.8	3.00	3.04	4.18	13.1	16.4	19.5	16.8	91.1	32.9	
-	LS5	CRF	-	3.66	ш		-	2 84	2.55	4 57	-		19.6		91.4		
-	BRE		-	3.81				ш	3.07		-		19.7		91.1		
-			-				-				-				-		
-	BFW		93.5		2.39		-		2.59		-		19.8		91.3		
-	BRE		-	3.63			-		3.06		-		20.2		90.8		
	BFW		93.5				-	3.09			-		19.6		90.9		
SAC	BRE	CRF	-	3.74			-	2.87	2.54	4.69	14.0	16.5	20.8	18.9	91.3	40.6	
CAU	BRE	CRF	93.6	3.45	2.45	0.46	89.5	3.07	2.99	4.42	13.9	16.5	20.7	17.4	90.8	36.8	
CAU	LS3	CRF	93.5	3.74	2.46	0.30	89.4	3.11	3.04	4.42	13.4	16.8	20.5	17.8	90.7	34.0	
SAC	BFW	CRF	93.5	3.56	2.50	0.44	89.6	2.98	2.55	4.83	15.0	16.8	21.0	19.5	91.1	34.2	
URN -	LS1	CRF	93.4	4.11	2.34	0.18	89.2	3.20	3.24	4.38	13.8	17.3	21.0	17.5	90.6	34.3	
BON	LS3	CRF	93.9	3.48	2.35	0.27	89.2	3.20	3.05	4.58	14.1	18.0	21.9	18.2	90.5	35.1	
MIN	LS5	CRF	93.5	3.78	2.53	0.16	89.2	3.09	2.61	5.05	14.6	17.6	21.7	19.7	90.8	37.5	
MIN	BRE	CRF	93.5	3.79	2.56	0.17	89.0	3.16	2.65	5.16	15.0	17.9	22.6	19.7	90.5	39.6	
CAU	LS1	CRF	93.6	3.85	2.42	0.08	88.2	3.51	3.34	4.91	15.2	19.3	23.4	19.7	89.7	33.8	
BON	LS1	CRF	93.6	4.00	2.37	0.04	88.0	3.59	3.62	4.76	15.2	19.2	23.7	18.8	89.6	35.6	
SAC	LS3	CRF	92.9	3.60	2.76	0.73	89.2	3.07	2.52	5.16	15.7	17.9	22.0	21.0	90.8	35.0	
MIN	BFW	CRF	93.4	3.54	2.69	0.40	88.5	3.39	2.76	5.37	16.3	18.7	22.8	20.7	90.1	36.0	
CAT	LS3	CRF	92.7	3.78	2.85	0.63	89.3	3.05	2.58	5.11	15.5	17.6	22.2	21.2	90.8	37.6	
URN	URN	CRF	93.1	3.86	2.72	0.27	88.4	3.46	3.14	5.02	15.5	19.0	23.3	18.9	89.9	36.9	
CAT	BRE	CRF	92.7	4.42	2.74	0.12	88.8	3.07	2.46	5.69	16.9	18.3	24.1	20.9	90.4	43.3	
CAU	CAT	CTC	91.3	6.08	2.44	0.18	85.6	4.29	4.99	5.12	13.3	17.6	19.8	15.6	87.8	11.9	
- URN	CAT	CRF	92.7	4.18	2.69	0.44	88.4	3.46	3.16	5.01	15.8	19.8	23.3	19.4	89.8	35.2	
MIN	URN	CRF	93.2	3.88	2.82	0.10	88.1	3.43	2.95	5.52	16.5	20.6	26.2	20.9	89.9	43.0	
SAC	LS3	СТС	92.0	4.66	2.45	0.94	86.5	3.92	3.73	5.79	14.6	19.2	21.2	18.1	89.0	8.20	
BON	SAC	СТС	91.0	6.52	2.32	0.13	84.3	4.69	5.57	5.38	13.6	18.4	21.8	15.3	86.5	9.14	
CAT	LS1	CRF	93.4	3.91	2.67	0.07	87.8	3.54	2.90	5.79	18.0	21.4	28.5	23.9	89.5	34.3	
MIN	CAT	СТС	91.8	5.85	2.27	0.08	86.0	4.17	3.75	6.07	14.7	21.2	24.4	17.5	88.4	8.13	
SAC	BRE	СТС	92.2	4.19	2.43	1.18	87.0	3.76	3.77	5.45	14.8	19.3	21.8	19.8	89.5	11.2	
MIN	LS1	CRF	92.9	3.94	2.84	0.32	88.3	3.40	2.84	5.49	16.5	20.2	26.0	22.3	89.9	37.1	
BON	LS5	СТС	90.9	6.00	2.65	0.41	85.0	4.50	5.40	5.06	13.0	17.1	21.2	15.8	87.4	9.06	
SAC	LS1	CRF	93.2	4.08	2.63	0.05	87.8	3.56	2.99	5.68	17.7	21.9	27.9	23.3	89.5	35.9	
SAC	LS5	СТС	91.5	5.38	2.63	0.48	86.4	3.99	3.97	5.67	14.2	20.0	21.4	18.3	88.9	8.35	
BON	BFW	СТС	90.5	6.64	2.62	0.24	84.3	4.85	5.58	5.24	13.4	18.0	21.3	16.4	86.7	7.96	
BON	CAT	СТС	90.0	7.48	2.32	0.18	83.5	5.01	5.67	5.84	13.7	17.8	21.5	14.7	85.5	7.96	
- CAU	URN	CRF	92.6	4.64	2.52	0.24	- 87.5	3.73	3.53	5.18	15.5	20.2	26.0	19.9	89.3	41.4	
BON	CAT	CRF	93.3	4.04	2.59	0.05	- 87.5	3.79	3.68	5.04	16.2	21.2	28.1	21.5	88.4	46.2	
CAT	LS3	СТС	91.4	5.58	2.38	0.60	85.3	4.40	4.39	5.90	14.5	21.2	21.9	17.7	87.8	7.12	
- CAU	SAC	СТС	90.7	6.73	2.37	0.22	84.2	4.96	5.09	5.78	14.0	20.2	22.7	15.8	86.3	8.10	
- CAU	CAT	CRF	- 92.8	4.56	2.48	0.18	- 87.6	3.73	3.33	5.28	17.4	22.0	27.1	20.3	- 88.6	40.9	
BON	LS3	СТС	89.4	7.42	2.68	0.52	83.3	5.25	6.10	5.37	13.2	19.0	20.6	15.4	85.6	7.47	
-	CAT		-	5.47			-		3.77				29.4		- 88.4		
-	LS5		-	5.67			-		3.87		-		23.3		88.5		
-	CAT		-	4.39			-		3.04		-		30.1		89.1		
-	BFW		-	4.72			-		3.75		-		23.6		87.8	_	
-	CAT		-	4.30			-		2.95				30.0		89.0		
-	LS3		-	4.81			-		1.75		-		30.3		90.3		
_	LS3		-	3.76			-		2.83		-		26.8		-	36.6	
-	LS5		-	5.63			-		3.91		-		22.9		87.6		
-	CAT		-	6.36			-		4.78		-		21.6		87.2		
	BRE		-	6.54			-				-		21.5		86.6		
-	BRE		-	4.74			-		<ul><li>5.54</li><li>3.91</li></ul>		-		23.3		88.0		
-	LS5		-	_			-		1.72		-		30.2		88.0		
-			-	2.59			-				-				-		
-	SAC		-	4.95			-		3.35		-		28.9		88.8	8.15	
	LS3		-	3.65			-		1.68		-		32.2		-		
-	SAC		-	3.44			-		3.01		-		31.3		88.6		
-	LS5		-	2.91	_		-		1.88		-		32.3		89.5		
-	SAC		-	6.61			-		4.78				27.9		85.7		
-	SAC		-	3.61			-		3.43		-		30.7		-	47.3	
-	CAT		-	5.32			-		3.65		-		30.6		88.3		
-	URN		-	12.3			-		7.09		-		22.2		83.1		
-	URN		-	4.52			-		3.28		-		29.0		-	45.8	
-	BRE	_	-	2.91			-		1.98		-		30.8		89.3		
-	SAC		-	4.11			-		3.28				30.4	_	-	48.0	
-	LIDN		-	15.0			-		6.66		-		22.9		81.6		
-	URN LC1		_	4.25			_		3.76				28.4		88.3		
-	LS1		-	9.14			-		4.49				24.2		85.9		
-	BFW		-	2.38			-		2.03		-		32.0		88.7		
-	BFW		-	7.12			-		4.48		-		25.2		86.6		
-	LS1		_	12.2			-		5.19				24.6		83.6		
-	BRE		-	3.26			-		2.17		-		32.2		88.7		
-	LS1		-	11.3		_	-		5.13		-		25.5		84.2		
-	LS3		-	9.08			-		4.72		-		26.4		84.8		
-	LS1		90.8		3.17		-		1.98				32.0		88.8		
-	BFW		-	7.95			-		4.76		-		25.1		85.9		
-	URN		-	4.64			-		3.25				30.9		-	46.8	
-	SAC		-	3.08			-		5.22				24.9		86.3		
-	URN		-	10.2			-		5.48		-		29.0			6.08	
CAU	BFW	CTC	89.9	3.04	3.67	3.41	85.2	3.63	1.81	9.32	32.3	30.0	34.4	36.6	88.1	8.31	

Evaluated

Evaluated

- Evaluated

- Failed alignment

- Short alignment

- No prediction

93.6 3.94 2.25 0.20

93.8 3.74 2.30 0.15

- Match - Mismatch - 0.0 2 .90 4.08 - 10 2 .90 4.08 - 10 2 .90 4.06

90.0 2.94 2.94 4.14

89.9 2.96 <mark>3.04</mark> 4.13

URN LS5 CRF
CAU LS5 CRF
URN BFW CRF

URN LS3 CRF

SAC URN CTC

MIN URN CTC

CAU LS1 CTC

URN URN CTC

CAT BRE CTC

CAU URN CTC

87.3 9.78 2.76 0.11

81.5 15.2 3.23 0.05

89.0 6.56 3.80 0.64

89.8 **5.40 3.40 1.42** 

87.9 8.14 3.03 0.94

88.2 5.74 3.83 2.20

81.8 5.82 5.06 7.31

79.7 6.75 5.32 8.24

84.9 3.70 1.74 9.63

84.9 4.05 2.17 8.87

82.8 5.50 4.82 6.91

83.8 4.08 1.88 10.3

 16.7
 27.8
 26.3
 19.0

 16.0
 27.2
 31.0
 17.2

30.2 35.4 37.8 32.9

29.5 30.7 32.7 33.4

16.4 23.7 28.1 19.5

35.0 34.7 42.3 35.8

84.3 6.79

82.0 <mark>4.69</mark>

87.8 7.19

87.7 7.06

85.5 10.1

86.6 6.68

- AUC - AUC - 1.3 32.8 - 91.3 33.9

91.3 30.3

91.2 34.7

- Adenine - Cytosine - Cytosine - Guanine - Thymine

13.0 16.1 19.3 16.1

13.4 16.0 **1**9.1 16.7