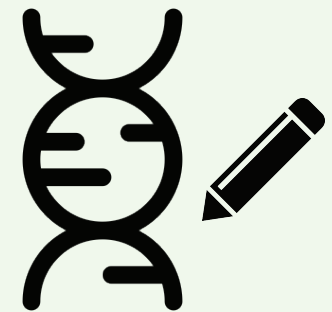


## DNA

Viral Sequencing



Synthesis



## Discrete

Collection Date

Padded Protein Sequence

Binary Format

2000-02-14	MEANAT...NNSTDAA
2001-12-25	MEANAT...NNSTDAA
2005-01-01	MEANAT...NNSTDA*
2008-09-01	MEANAT...NSTDAA*
2016-07-01	MEAQAT...STDAA**
2017-01-01	MEAQAT...NNSTDAA

[0	1	0	0	...	0	0	1	0]
[0	1	0	0	...	0	0	1	0]
[0	1	0	0	...	0	0	0	1]
[0	1	0	0	...	0	0	0	1]
[0	1	0	0	...	0	0	0	1]
[0	1	0	0	...	0	0	1	0]

Likelihood

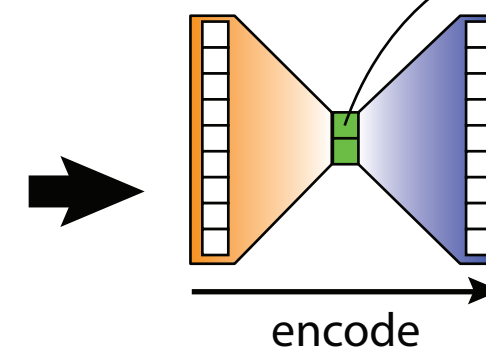
Predicted Sequences

0.459	MEAQAT...NNSTDAA
0.331	MEAQAT...NNSTDAA
0.120	MEAQAR...NSTDAA*
0.031	MEAQAT...STDAA**
0.029	MEAQAT...NNSTDAA

[0	1	0	0	...	0	0	1	0]
[0	1	0	0	...	0	0	1	0]
[0	1	0	0	...	0	0	0	1]
[0	1	0	0	...	0	0	0	1]
[0	1	0	0	...	0	0	1	0]

## Translator

Variational  
Autoencoder



## Continuous

Projection

