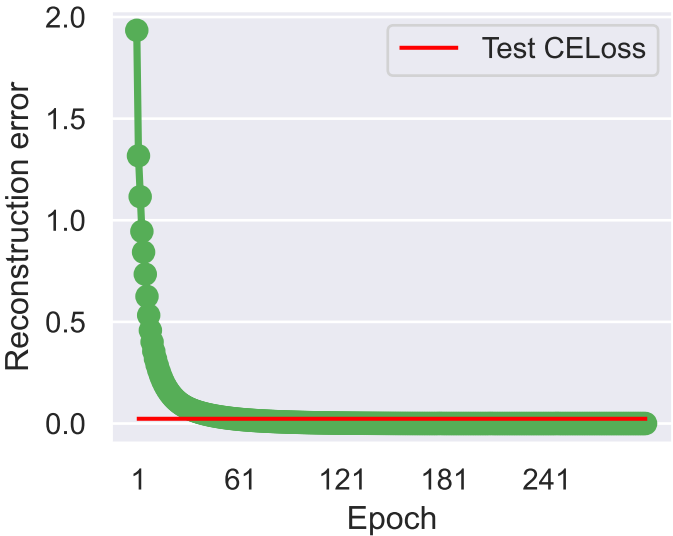# One-hot encoder with arch 399->200->Relu->64 on test set

Reconstruction error during training
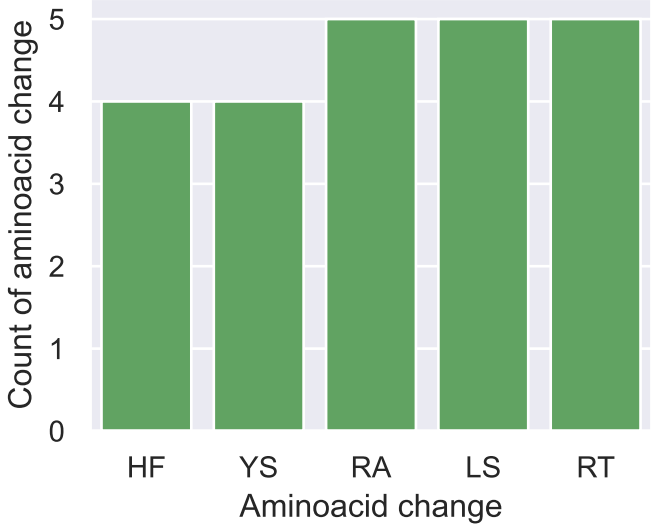

Average reconstruction error on test set:
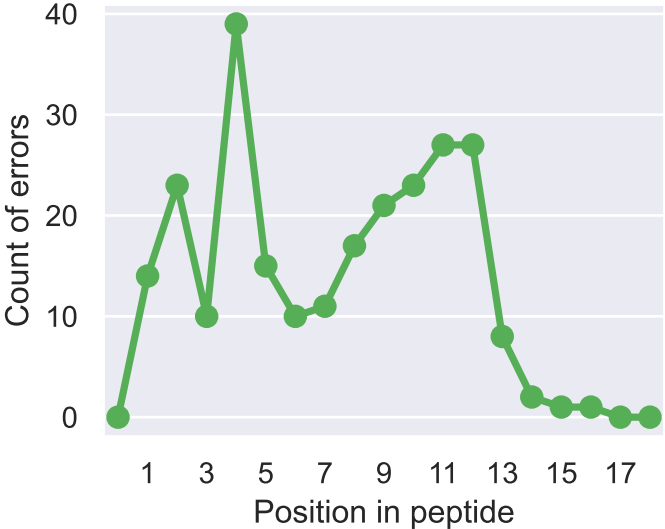CELoss: 0.02338

From 7057 sequences with right seq len:7055

	precision	recall	f1-score	support
A	1.00	1.00	1.00	10490
C	1.00	1.00	1.00	7092
D	1.00	1.00	1.00	2896
E	1.00	1.00	1.00	5908
F	1.00	1.00	1.00	10882
G	1.00	1.00	1.00	10346
H	0.99	0.99	0.99	1156
I	0.99	0.99	0.99	1298
K	0.98	0.99	0.98	659
L	1.00	1.00	1.00	4375
M	0.99	0.99	0.99	355
N	1.00	1.00	1.00	3086
P	1.00	1.00	1.00	2979
Q	1.00	1.00	1.00	6489
R	1.00	0.99	0.99	3224
S	1.00	1.00	1.00	15804
T	1.00	1.00	1.00	6402
V	0.99	0.99	0.99	1926
W	0.99	0.98	0.99	643
Y	1.00	1.00	1.00	6057
accuracy			1.00	102067
macro avg	1.00	0.99	0.99	102067
weighted avg	1.00	1.00	1.00	102067

Aminoacid changes (5 most common)

Count of errors by position

Count of errors by position (in %)