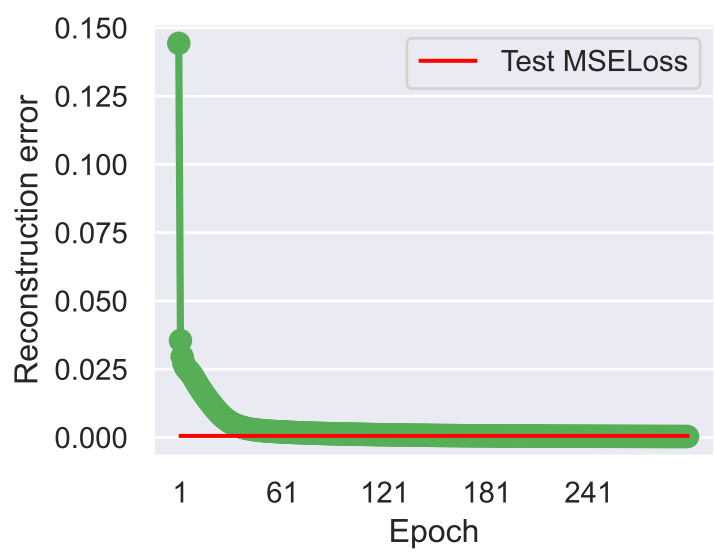# One-hot encoder with arch 399->64 on test set

Reconstruction error during training
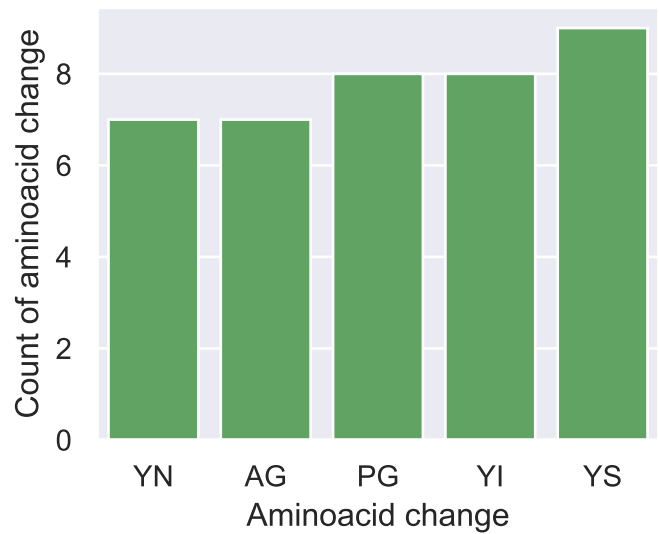

Average reconstruction error on test set:
MSELoss: 0.00058
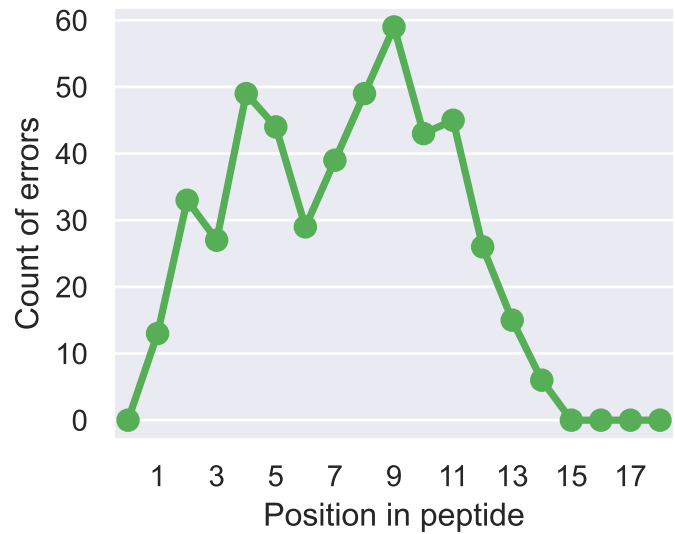
From 7057 sequences with right seq len:7048

	precision	recall	f1-score	support
A	1.00	1.00	1.00	10537
C	1.00	1.00	1.00	7076
D	0.99	0.99	0.99	2810
E	1.00	1.00	1.00	6008
F	1.00	1.00	1.00	10828
G	0.99	1.00	1.00	10346
H	0.98	0.98	0.98	1121
I	0.98	0.99	0.98	1289
K	0.98	0.96	0.97	646
L	0.99	1.00	0.99	4437
M	0.97	0.91	0.94	406
N	0.99	0.99	0.99	3019
P	0.99	0.99	0.99	3010
Q	1.00	1.00	1.00	6469
R	0.99	0.99	0.99	3174
S	1.00	1.00	1.00	15817
T	0.99	1.00	0.99	6441
V	0.99	0.99	0.99	1828
W	0.98	0.98	0.98	653
Y	1.00	0.99	0.99	6011
accuracy			1.00	101926
macro avg	0.99	0.99	0.99	101926
weighted avg	1.00	1.00	1.00	101926

Aminoacid changes (5 most common)

Count of errors by position

Count of errors by position (in %)