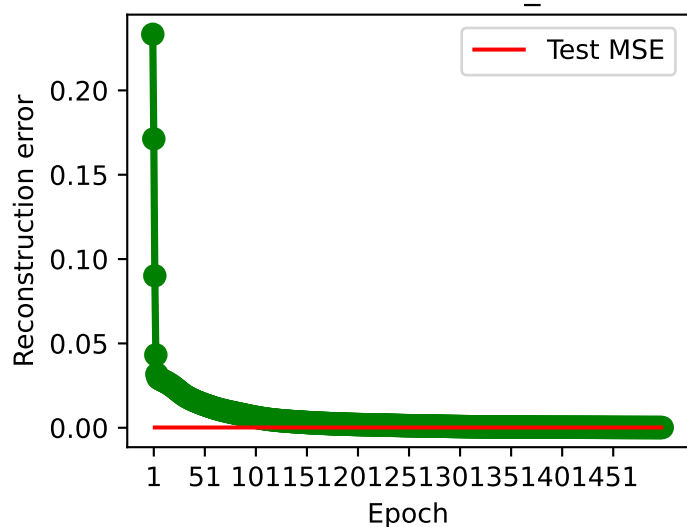## Reconstruction error during training for Autoencoder_1

Average reconstruction error on test set:
MSE: 0.00017
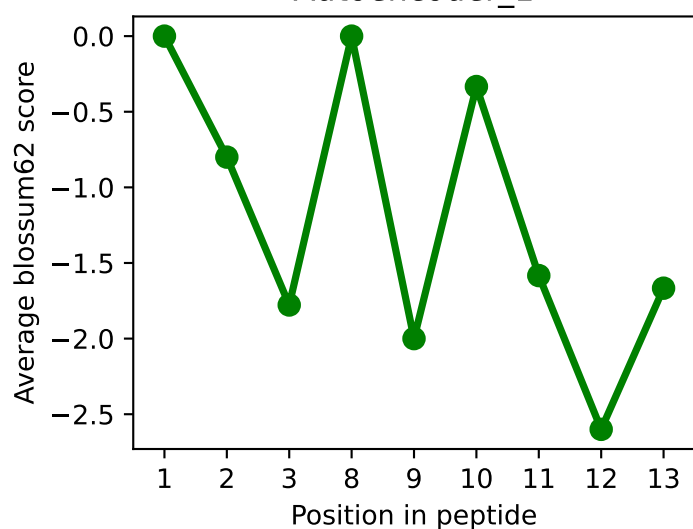RMSE: 0.01299

Architecture: 300->150 without L2
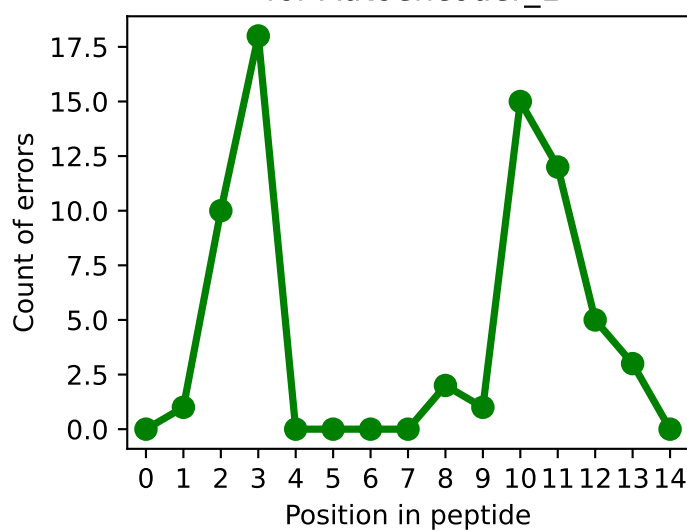Learning rate: 0.001

	precision	recall	f1-score	support
A	1.00	1.00	1.00	2570
C	1.00	1.00	1.00	1683
D	1.00	1.00	1.00	739
E	1.00	1.00	1.00	1381
F	1.00	1.00	1.00	2561
G	1.00	1.00	1.00	2649
H	1.00	1.00	1.00	315
I	0.99	0.99	0.99	295
K	0.99	0.97	0.98	170
L	0.99	1.00	0.99	1089
M	0.99	0.97	0.98	117
N	1.00	1.00	1.00	784
P	1.00	1.00	1.00	759
Q	1.00	1.00	1.00	1654
R	0.99	1.00	1.00	773
S	1.00	1.00	1.00	3924
T	1.00	1.00	1.00	1637
V	0.99	1.00	0.99	469
W	1.00	0.96	0.98	176
Y	0.99	1.00	1.00	1380
accuracy			1.00	25125
macro avg	1.00	0.99	0.99	25125
weighted avg	1.00	1.00	1.00	25125

Average blossum62 score by position for Autoencoder_1

Count of errors by position for Autoencoder_1

Count of errors by position for Autoencoder_1(in %)