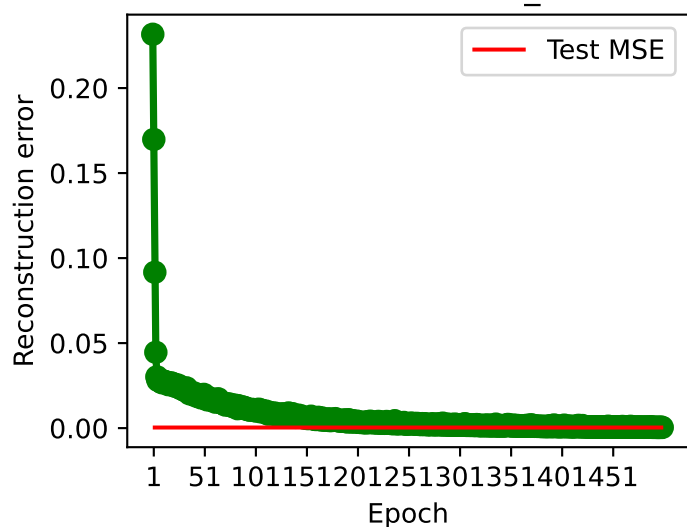## Reconstruction error during training for Autoencoder_2

Average reconstruction error on test set:
MSE: 0.00035
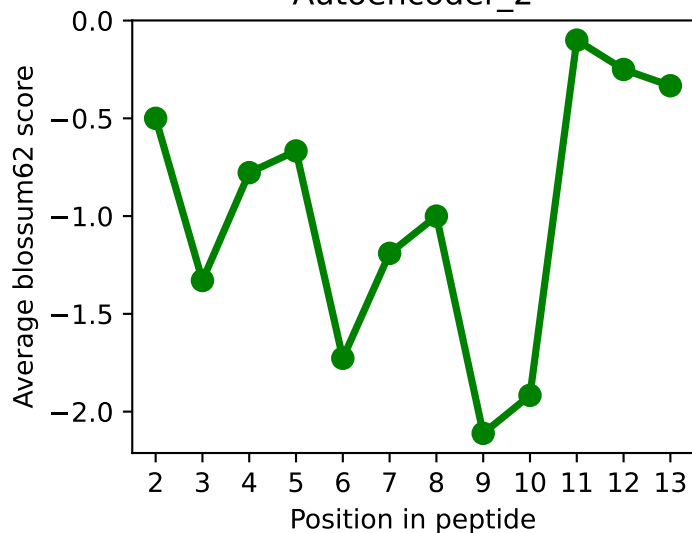RMSE: 0.01873

Architecture: 300->200 without L2
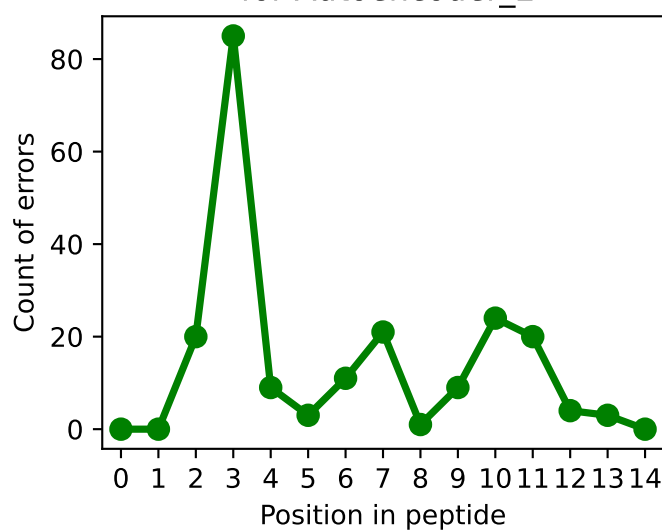Learning rate: 0.001

	precision	recall	f1-score	support
A	0.99	1.00	0.99	2844
C	1.00	0.98	0.99	1715
D	0.99	0.99	0.99	957
E	0.99	0.99	0.99	1356
F	1.00	1.00	1.00	2513
G	0.99	1.00	1.00	2831
H	1.00	0.97	0.98	303
I	0.97	0.99	0.98	486
K	0.97	0.91	0.94	216
L	0.99	0.99	0.99	957
M	1.00	0.61	0.76	83
N	0.99	0.98	0.99	884
P	0.99	0.98	0.98	722
Q	1.00	1.00	1.00	1550
R	0.98	1.00	0.99	1166
S	0.99	1.00	0.99	3151
T	1.00	1.00	1.00	1631
V	0.99	0.99	0.99	340
W	0.98	0.95	0.96	113
Y	1.00	1.00	1.00	1307
accuracy			0.99	25125
macro avg	0.99	0.97	0.98	25125
weighted avg	0.99	0.99	0.99	25125

Average blossum62 score by position for Autoencoder_2

Count of errors by position for Autoencoder_2

Count of errors by position for Autoencoder_2(in %)