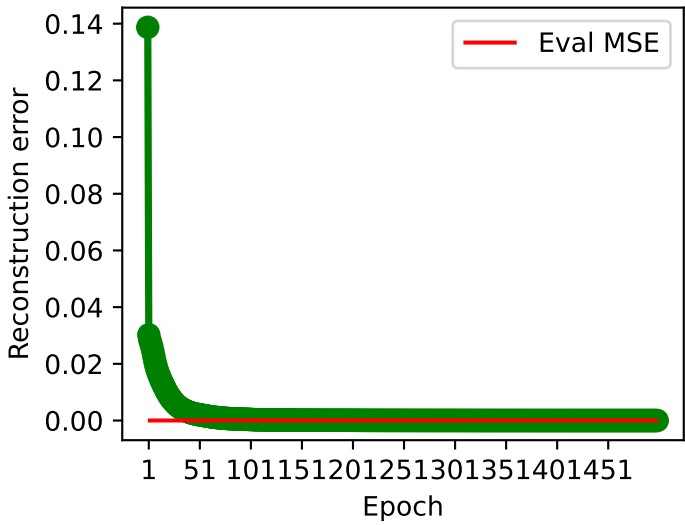# One-hot Encoder with arch 300->200 without L2 on evaluation set

Reconstruction error during training for Autoencoder_final
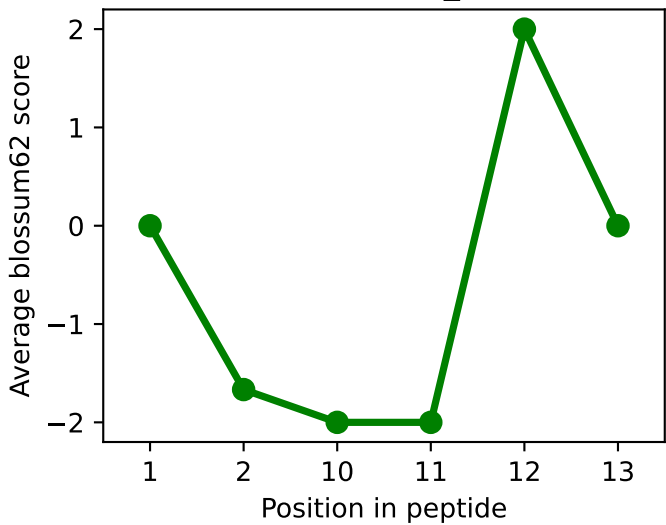

Average reconstruction error on evaluation set:
MSE: 1e-05
RMSE: 0.00359

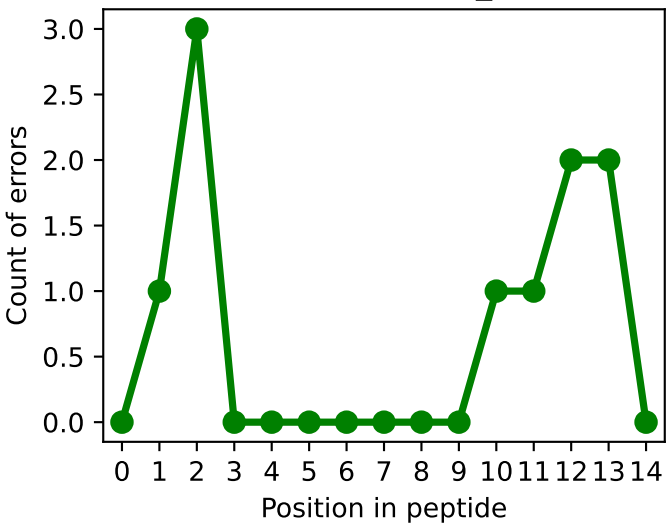Architecture: 300->200 without L2
Learning rate: 0.001

	precision	recall	f1-score	support
A	1.00	1.00	1.00	2533
C	1.00	1.00	1.00	1677
D	1.00	1.00	1.00	735
E	1.00	1.00	1.00	1435
F	1.00	1.00	1.00	2589
G	1.00	1.00	1.00	2674
H	1.00	1.00	1.00	297
I	1.00	1.00	1.00	284
K	1.00	1.00	1.00	166
L	1.00	1.00	1.00	1078
M	1.00	1.00	1.00	82
N	1.00	1.00	1.00	736
P	1.00	1.00	1.00	748
Q	1.00	1.00	1.00	1636
R	1.00	1.00	1.00	777
S	1.00	1.00	1.00	3943
T	1.00	1.00	1.00	1615
V	1.00	1.00	1.00	469
W	1.00	0.99	1.00	156
Y	1.00	1.00	1.00	1480
accuracy			1.00	25110
macro avg	1.00	1.00	1.00	25110
weighted avg	1.00	1.00	1.00	25110

Average blossum62 score by position for Autoencoder_final

Count of errors by position for Autoencoder_final

Count of errors by position for Autoencoder_final(in %)