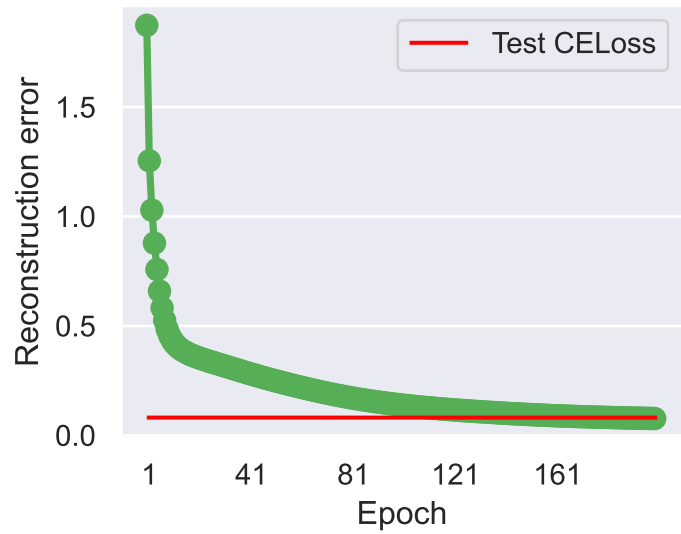# One-hot encoder with arch 420->32 on test set

Reconstruction error during training
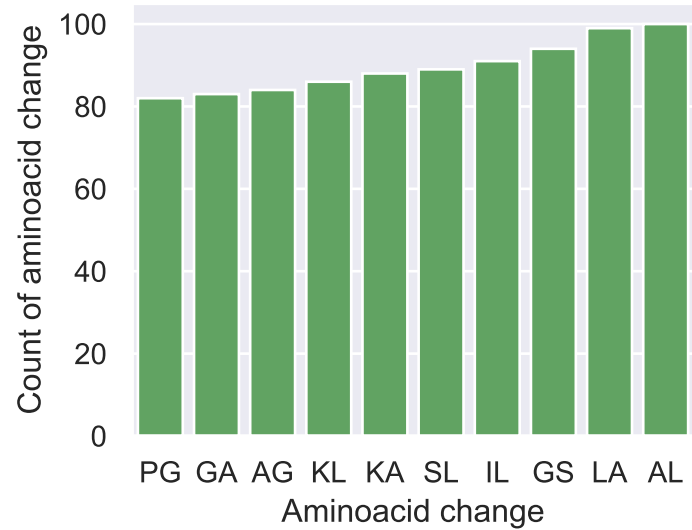

Average reconstruction error on test set:
CELoss: 0.08092

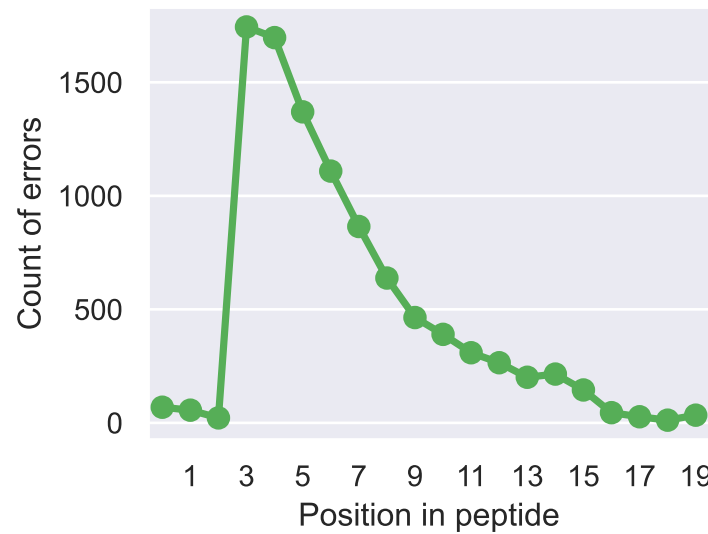From 22806 sequences with right seq len:22753

	precision	recall	f1-score	support
A	0.96	0.97	0.96	20717
C	0.93	0.81	0.86	956
D	0.93	0.93	0.93	7875
E	0.94	0.95	0.95	10962
F	0.98	0.96	0.97	10939
G	0.96	0.96	0.96	18290
H	0.97	0.93	0.95	3897
I	0.96	0.95	0.95	10588
K	0.97	0.96	0.96	16815
L	0.96	0.98	0.97	31246
M	0.97	0.93	0.95	4700
N	0.95	0.93	0.94	6561
P	0.95	0.95	0.95	10969
Q	0.96	0.96	0.96	10603
R	0.96	0.94	0.95	9310
S	0.92	0.95	0.93	11695
T	0.96	0.96	0.96	12250
V	0.96	0.97	0.97	16517
W	0.96	0.90	0.93	2247
Y	0.96	0.96	0.96	8816
accuracy			0.96	225953
macro avg	0.95	0.94	0.95	225953
weighted avg	0.96	0.96	0.96	225953

Aminoacid changes (10 most common)

Count of errors by position

Count of errors by position (in %)