Each sequence is taking 1-3 seconds.
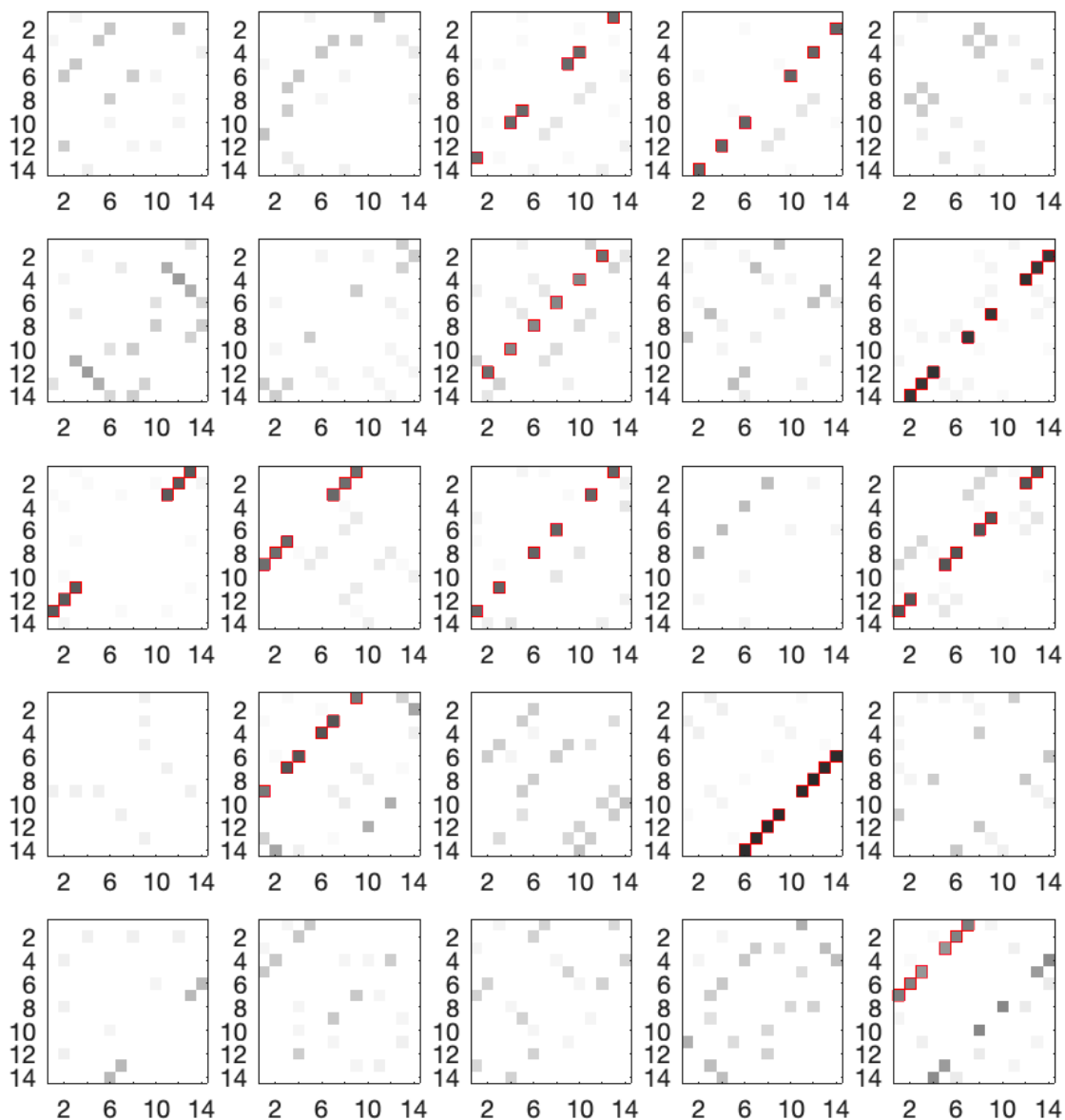
4^14 = 268,435,456

If I can get under 1 sec, would take ~30 hours to generate 10^5 training data sets.

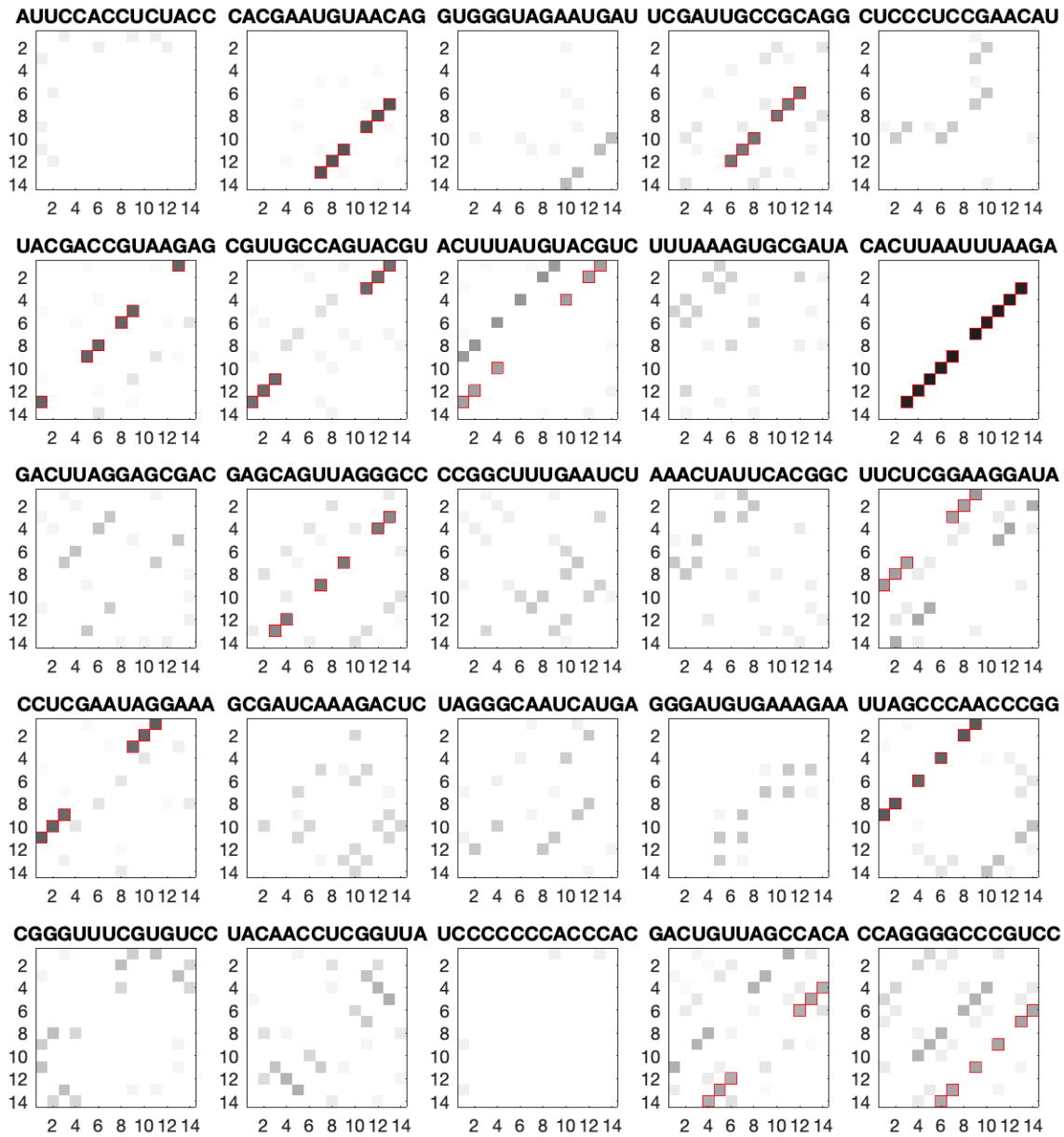Profile: analyze_sequence('AGCGGACAGUCUGA',params,0);
Figured out some computations that weren't necessary based on profiling — got ~2x speedup to ensure ~1 sec time.

Was able to generate 1000 BPPs and MFE's for 14-mers in ~1 hour.

Probably need 10,000 for good data set — generate in overnight run.

OK, got 'em:

Outputting .csv file of benchmark so that Biruk, Hannah, or anyone can play with it in pytorch, etc.