Homework Assignment #4. BLAST

Implement nucleotide random sequence generator and test it with BLAST algorithm.

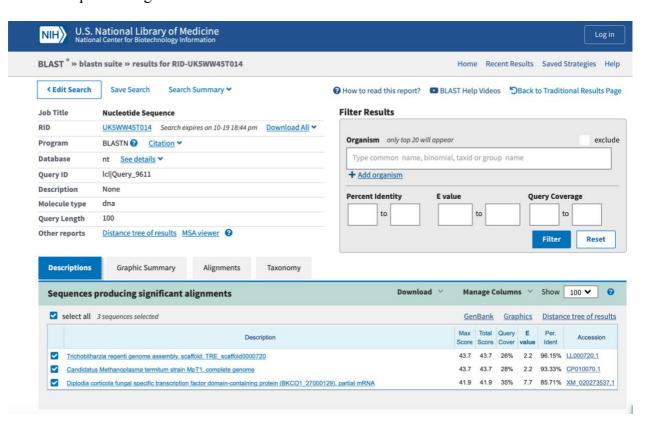
Database was chosen as "Nucleotide collection (nr/nt)"



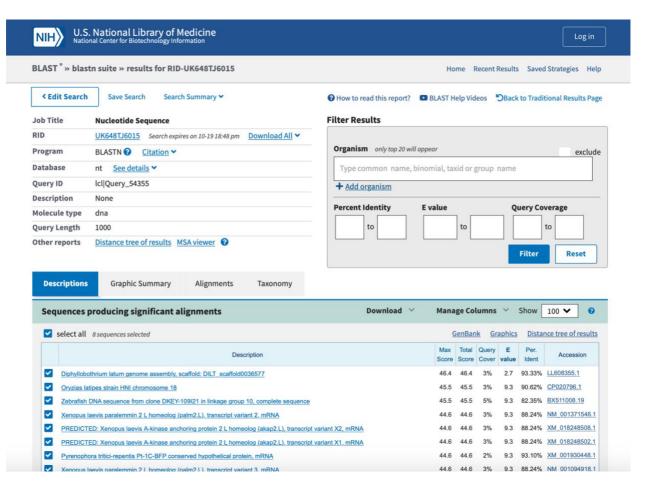
Algorithm was chosen as "blastn"

Optimize for	Highly similar sequences (megablast)
	More dissimilar sequences (discontiguous megablast)
	 Somewhat similar sequences (blastn)
	Choose a BLAST algorithm 🚱

Run #1 Sequence length = 100



Run #2 Sequence length = 1000



Run #3 Sequence length = 10000

