species	A%	Τ%	G%	Min L (Bp) AUG/UAG/UGA	Min L (Bp) UAA
human	19.21%	19.06%	31.29%	87.3	142.2
mouse	19.66%	19.65%	30.73%	84.2	131.7
rat	20.86%	20.33%	29.68%	79.4	113.0
chicken	17.74%	17.94%	33.35%	94.2	177.1
frog	25.01%	23.74%	26.77%	62.9	67.3
zebrafish	27.90%	26.57%	23.32%	57.8	48.4
fruit fly	31.51%	24.86%	21.43%	59.6	40.5
mosquito	26.90%	24.52%	24.44%	62.0	56.4
sea squirt	32.90%	30.91%	19.21%	51.2	29.9
nematode	30.77%	29.94%	17.84%	60.8	35.3

Additional file 5. The minimal length of a sequence for a specific trinucleotide to occur at least once in the ten analyzed organisms.

The trinucleotides analyzed in the study include AUG, UGA, UAG, and UAA. Note that the former three have the same nucleotide composition.