

# Epoch	Energy
200	2.1778870622316995
400	2.078911155462265
600	2.032543182373047
800	1.9670759240786235
1000	0
1200	1.921086420615514
1400	1.833920697371165
1600	1.8252231578032176
1800	1.8254827459653218
2000	1.8178119162718456
2200	1.8092319468657176

# Epoch	DNA
200	((-1, 1, 3, 32, 32), (0, 3, 15, 3, 3), (0, 18, 15, 3, 3), (0, 33, 50, 32, 32), (1, 50, 10), (2,), (3, -1, 0), (3, 0, 1), (3, -1, 1), (3, 1, 2), (3, 0, 2), (3, -1, 2), (3, 2, 3), (3, 3, 4))
400	((-1, 1, 3, 32, 32), (0, 3, 15, 3, 3), (0, 18, 15, 3, 3), (0, 33, 15, 3, 3), (0, 33, 15, 3, 3), (0, 33, 50, 32, 32), (1, 50, 10), (2), (3, -1, 0), (3, -1, 1), (3, 0, 1), (3, 1, 2), (3, -1, 2), (3, 0, 2), (3, 2, 3), (3, 1, 3), (3, -1, 3), (3, 3, 4), (3, 4, 5))
600	((-1, 1, 3, 32, 32), (0, 3, 15, 2, 2), (0, 18, 15, 3, 3), (0, 33, 15, 3, 3), (0, 33, 50, 32, 32), (1, 50, 10), (2), (3, -1, 0), (3, -1, 1), (3, 0, 1), (3, 1, 2), (3, -1, 2), (3, 0, 2), (3, 2, 3), (3, 1, 3), (3, -1, 3), (3, 3, 4), (3, 4, 5))
800	((-1, 1, 3, 32, 32), (0, 3, 8, 2, 2), (0, 11, 15, 3, 3), (0, 26, 30, 3, 3), (0, 56, 50, 32, 32), (1, 50, 10), (2), (3, -1, 0), (3, -1, 1), (3, 0, 1), (3, 1, 2), (3, -1, 2), (3, 0, 2), (3, 2, 3), (3, 1, 3), (3, -1, 3), (3, 0, 3), (3, 3, 4), (3, 4, 5))
1000	((-1, 1, 3, 32, 32), (0, 3, 8, 2, 2), (0, 11, 30, 3, 3), (0, 41, 30, 3, 3), (0, 71, 50, 32, 32), (1, 50, 10), (2), (3, -1, 0), (3, -1, 1), (3, 0, 1), (3, 1, 2), (3, -1, 2), (3, 0, 2), (3, 2, 3), (3, 1, 3), (3, -1, 3), (3, 0, 3), (3, 4, 5))
1200	((-1, 1, 3, 32, 32), (0, 3, 8, 3, 3), (0, 11, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 63, 50, 32, 32), (1, 50, 10), (2,), (3, -1, 0), (3, -1, 1), (3, 0, 1), (3, 1, 2), (3, -1, 2), (3, 0, 2), (3, 2, 3), (3, 1, 3), (3, -1, 3), (3, 3, 4), (3, 4, 5))
1400	((-1, 1, 3, 32, 32), (0, 3, 8, 3, 3), (0, 8, 30, 3, 3), (0, 8, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 71, 50, 32, 32), (1, 50, 10), (2,), (3, -1, 0), (3, 0, 1), (3, -1, 2), (3, 0, 2), (3, 1, 2), (3, 2, 3), (3, -1, 3), (3, 0, 3), (3, 3, 4), (3, 2, 4), (3, -1, 4), (3, 0, 4), (3, 4, 5), (3, 5, 6))
1600	((-1, 1, 3, 32, 32), (0, 3, 8, 3, 3), (0, 8, 30, 3, 3), (0, 8, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 71, 50, 32, 32), (1, 50, 10), (2,), (3, -1, 0), (3, 0, 1), (3, -1, 2), (3, 0, 2), (3, 1, 2), (3, 2, 3), (3, -1, 3), (3, 0, 3), (3, 3, 4), (3, 2, 4), (3, -1, 4), (3, 0, 4), (3, 4, 5), (3, 5, 6))
1800	((-1, 1, 3, 32, 32), (0, 3, 8, 3, 3), (0, 8, 30, 2, 2), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 71, 50, 32, 32), (1, 50, 10), (2,), (3, -1, 0), (3, 0, 1), (3, -1, 2), (3, 0, 2), (3, 1, 2), (3, 2, 3), (3, -1, 3), (3, 0, 3), (3, 3, 4), (3, 2, 4), (3, -1, 4), (3, 0, 4), (3, 4, 5), (3, 5, 6))
2000	((-1, 1, 3, 32, 32), (0, 3, 8, 3, 3), (0, 8, 30, 2, 2), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 63, 50, 32, 32), (1, 50, 10), (2), (3, -1, 0), (3, 0, 1), (3, -1, 2), (3, 0, 2), (3, 1, 2), (3, 2, 3), (3, -1, 3), (3, 0, 3), (3, 3, 4), (3, 2, 4), (3, -1, 4), (3, 4, 5), (3, 5, 6))
2200	((-1, 1, 3, 32, 32), (0, 3, 8, 3, 3), (0, 8, 30, 2, 2), (0, 30, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 41, 30, 3, 3), (0, 71, 50, 32, 32), (1, 50, 10), (2), (3, -1, 0), (3, 0, 1), (3, 1, 2), (3, -1, 3), (3, 0, 3), (3, 2, 3), (3, 3, 4), (3, -1, 4), (3, 0, 4), (3, 4, 5), (3, 3, 5), (3, -1, 5), (3, 0, 5), (3, 5, 6), (3, 6, 7))