

The graph illustrates the relationship between the number of generations required to reach a target fitness and the mutation rate. The x-axis represents the generation number (0 to 20), and the y-axis represents the number of generations (0 to 20). Three data series are plotted: 0.001 (green), 0.005 (blue), and 0.01 (purple). The 0.001 series starts at 20 generations and drops to 4 generations at generation 4. The 0.005 series starts at 20 generations and drops to 8 generations at generation 8. The 0.01 series starts at 20 generations and drops to 7 generations at generation 7. All three series remain at their respective target values for the remainder of the 20 generations.

Generation	0.001 (green)	0.005 (blue)	0.01 (purple)
0	20	20	20
1	20	20	20
2	20	20	20
3	20	20	20
4	4	20	20
5	4	20	20
6	4	20	20
7	4	20	7
8	4	8	7
9	4	8	7
10	4	8	7
11	4	8	7
12	4	8	7
13	4	8	7
14	4	8	7
15	4	8	7
16	4	8	7
17	4	8	7
18	4	8	7
19	4	8	7
20	4	8	7

