wt. no DNAdam (0.1, 0.1, 0.1, 0.1, 0.1)  wt. no DNAdam (0.0) (0.1, 0.1, 0.1, 0.1)  krasΔ, no DNAdam, 0/0 (10 (10 (10 (10 (10 (10 (10 (10 (10 (1	(0.1, 0.1, 0.1, 0.1, 1)  -0.810.810.810.04 0.0 0.0 0.0 0.0 4  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 0.1, 10.0)  0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 1, 0.1)  0.810.810.810.05 0.0 0.0 0.0 0.0 0.5  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 1, 1)  -0.810.810.810.05 0.0 0.0 0.0 0.0 0.5  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 1, 10.0)  -0.810.810.810.05 0.0 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 10.0, 0.1)  - 0.8 0.8 0.8 0.6 0.0 0.0 0.0 0.0 0.0  - 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0  - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 10.0, 1)  -0.810.810.810.04 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 10.0, 10.0)
(0.1, 0.1, 1, 0.1, 0.1)  wt. no DNAdam (0.8 0.8 0.8 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 1, 0.1, 1)  -0.8 0.8 0.8 0.5 0.0 0.0 0.0 0.0 0.5  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 1, 0.1, 10.0)  9.810.810.810.05 0.0 0.0 0.0 0.05  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  (0.1, 0.1, 10.0, 0.1, 10.0)	(0.1, 0.1, 1, 1, 0.1)  0.8 0.8 0.8 0.02 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 1, 1, 1)  -0.810.810.810.05 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  (0.1, 0.1, 10.0, 1, 1)	(0.1, 0.1, 1, 1, 10.0)  -0.810.810.810.05 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  (0.1, 0.1, 10.0, 1, 10.0)	(0.1, 0.1, 1, 10.0, 0.1)  -0.810.810.810.05 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  (0.1, 0.1, 10.0, 10.0, 0.1)	(0.1, 0.1, 1, 10.0, 1)  -0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  (0.1, 0.1, 10.0, 10.0, 1)	(0.1, 0.1, 1, 10.0, 10.0)  -0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 0.0 0.0 0.0 0.0  (0.1, 0.1, 10.0, 10.0, 10.0)
wt, no DNAdam	0.790.790.790.07 0.0 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 (0.1, 1, 0.1, 0.1, 1)	0.810.810.810.05 0.0 0.0 0.0 0.05 - 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.820.820.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.790.790.790.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.0 0.010.010.01 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 (0.1, 1, 0.1, 1, 10.0)	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.790.790.790.06 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.810.810.810.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
wt, no DNAdam - 0.810.810.19 00 00 01.01.01.01.01.01.01.01.01.01.01.01.01.0	1.0 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.1 1.0 1.0	(0.1, 1, 1, 0.1, 10.0)	1.91.791.790.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.1 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	0.8 0.8 0.8 0.2 0.0 0.0 0.2 0.0 0.19 0.0 0.0 0.19 0.0 0.0 0.0 0.19 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.10 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.10 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.10 0.0 0.0 0.0 0.0 (0.1, 1, 1, 1, 10.0)	0.0 1.0 0.17 0.0 0.0 0.0 0.17 0.0 0.0 0.0 0.17 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.8 0.8 0.8 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 1.0 0.21 0.0 0.0 0.0 0.21 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.	0.8 0.8 0.8 0.2 0.0 0.0 0.2 1 1.0 1.0 1.0 0.21 0.0 0.0 0.0 0.2 1 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
wt, no DNAdam (1830.830.830.1700.000.000.1700.000.000.1700.000.000	0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.21.0 1.0 1.0 0.21 0.0 0.0 0.0 0.211.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.2 11.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 11.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.780.780.780.22 0.0 0.0 0.0 0.22	0.790.790.79 0.2 0.0 0.0 0.0 0.2 10 1.0 1.0 0.19 0.0 0.0 0.0 0.19 10 1.0 1.0 0.019.010.010.020.02 10 1.0 1.0 0.019.010.010.020.02 10 1.0 1.0 0.019.010.010.020.02 10 1.0 1.0 0.030.020.020.020.03 (0.1, 1, 10.0, 1, 0.1)	-0.810.810.810.19 0.0 0.0 0.0 0.19 -10 1.0 1.0 0.2 0.0 0.0 0.0 0.2 -10 1.0 1.0 0.010.020.020.020.02 -10 1.0 1.0 0.010.020.020.020.02 -10 1.0 1.0 0.010.020.020.020.02 -10 1.0 1.0 0.020.020.020.020.02 -10 1.0 1.0 0.020.020.020.020.02	-0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.2 -1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.2 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1	-0.790.790.79 0.2 0.0 0.0 0.0 0.2 0.0 0.0 0.2 0.0 0.0	0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0	-0.790.790.790.21 0.0 0.0 0.0 0.2 1 -1.0 1.0 1.0 0.18 0.0 0.0 0.0 0.18 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
wt, no DNAdam	(0.1, 10.0, 0.1, 0.1, 1)	0.820.820.820.19 0.0 0.0 0.19 1.0 1.0 1.0 1.0 0.19 0.0 0.0 0.19 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.8 0.8 0.8 0.19 0.0 0.0 0.19 0.0 0.0 0.19 0.0 0.0 0.19 0.0 0.0 0.0 0.19 0.0 0.0 0.0 0.19 0.0 0.0 0.0 0.19 0.0 0.0 0.0 0.0 0.19 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.8 0.8 0.8 0.19 0.0 0.0 0.19 1.0 1.0 1.0 1.0 0.2 0.0 0.0 0.2 0.2 0.0 0.0 0.2 0.0 0.0	0.820.820.820.18 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.010.040.040.040.01 1.0 1.0 1.0 0.010.050.050.050.01 1.0 1.0 1.0 0.010.050.050.050.01 1.0 1.0 1.0 0.010.050.050.050.01 (0.1, 10.0, 0.1, 1, 10.0)	-0.820.820.17 0.0 0.0 0.0 0.17 -1.0 1.0 1.0 0.21 0.0 0.0 0.0 0.21 -1.0 1.0 1.0 0.010.020.020.020.02 -1.0 1.0 1.0 0.020.020.020.020.02 -1.0 1.0 1.0 0.020.020.020.030.03 -1.0 1.0 0.020.020.030.030.03 -1.0 1.0 0.020.030.030.030.03	-0.810.810.810.19 0.0 0.0 0.19 -1.0 1.0 1.0 0.19 0.0 0.0 0.19 1.0 1.0 1.0 0.19 0.0 0.0 0.19 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-0.810.810.81 0.2 0.0 0.0 0.2 0.2 0.10 1.0 1.0 0.19 0.0 0.0 0.19 1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
wt. no DNAdam	1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.03 010 010 014.03 (0.1, 10.0, 1, 0.1, 1)	1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1	0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.25 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.02	-0.810.810.810.24 0.0 0.0 0.0 0.24 -10 1.0 1.0 0.23 0.0 0.0 0.0 0.23 -10 1.0 1.0 0.010.010.010.01 -10 1.0 1.0 0.020.010.010.02 -10 1.0 1.0 0.020.010.010.02 -10 1.0 1.0 0.020.010.010.02 -10 1.0 1.0 0.020.010.010.020.02	0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.25 10 1.0 1.0 0.24 0.0 0.0 0.0 0.24 10 1.0 1.0 0.0 0.0 0.0 0.0 0.0 10 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 (0.1, 10.0, 1, 1, 10.0)	-0.810.810.810.24 0.0 0.0 0.0 0.24 -1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 -1.0 1.0 1.0 0.010.010.010.010.01 -1.0 1.0 1.0 0.020.010.010.010.02 -1.0 1.0 1.0 0.020.010.010.010.02 -1.0 1.0 1.0 0.020.010.010.010.02 -1.0 1.0 1.0 0.020.010.010.010.02	-0.8 0.8 0.8 0.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	- 0.8 0.8 0.8 0.24 0.0 0.0 0.24 - 1.0 1.0 1.0 0.26 0.0 0.0 0.20 0.26 - 1.0 1.0 1.0 0.0 0.00 0.00 0.26 - 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
wt, no DNAdam	1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.020 020.020.020.02 1.0 1.0 1.0 0.020 020.020.020.02 1.0 1.0 1.0 0.010.020.020.020.01 1.0 1.0 1.0 0.050.020.020.020.05 (0.1, 10.0, 10.0, 0.1, 1)	0.810.810.810.25 0.0 0.0 0.25 1.0 1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.810.810.840.04 0.0 0.0 0.0 0.24 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 0.020.020.020.020.04 1.0 1.0 0.020.020.020.020.05 1.0 1.0 0.020.020.020.020.04 1.0 1.0 0.060.030.030.040.06 (0.1, 10.0, 10.0, 1, 0.1)	-0.830.830.830.23 0.0 0.0 0.0 0.23 -10 1.0 1.0 0.26 0.0 0.0 0.0 0.26 -10 1.0 1.0 0.020.050.050.050.02 -10 1.0 1.0 0.020.050.050.050.02 -10 1.0 1.0 0.020.050.050.050.02 -10 1.0 1.0 0.030.070.070.080.03	-0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.25 -10 1.0 1.0 0.24 0.0 0.0 0.0 0.24 -10 1.0 1.0 0.020.040.040.040.02 -1.0 1.0 1.0 0.020.060.060.060.02 -1.0 1.0 1.0 0.010.040.040.040.01 -1.0 1.0 1.0 0.020.060.060.060.02 (0.1, 10.0, 10.0, 1, 10.0)	-0.790.790.790.25 0.0 0.0 0.0 0.25 -10 1.0 1.0 0.23 0.0 0.0 0.0 0.23 -10 1.0 1.0 0.020.030.040.04 -10 1.0 1.0 0.020.040.040.040.05 -10 1.0 1.0 0.010.030.030.030.04 -10 1.0 1.0 0.050.030.030.030.05 -10 1.0 1.0 0.050.030.030.030.05 -10 1.0 1.0 0.050.030.030.030.05	- 0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.25 - 1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 - 1.0 1.0 1.0 0.010,040,040,050,02 - 1.0 1.0 1.0 0.010,070,070,080,01 - 1.0 1.0 1.0 0.010,070,040,050,01 - 1.0 1.0 1.0 0.020,060,060,070,02 - (0.1, 10.0, 10.0, 10.0, 1)	0.8 0.8 0.8 0.25 0.0 0.0 0.25 1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.020.060.060.060.02 1.0 1.0 1.0 0.010.070.070.07 1.0 1.0 1.0 0.010.050.050.050.01 1.0 1.0 1.0 0.010.070.070.080.01 (0.1, 10.0, 10.0, 10.0, 10.0)
wt. no DNAdam - 0.790.790.790.27 00 00 00 00 0.27 0.27 0.27 0.27 0.2	-1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 -1.0 1.0 1.0 0.000.020.020.020.020.020.020.020.020	1.0 1.0 1.0 0.020.020.020.030.02 1.0 1.0 1.0 0.010.020.020.020.01	0.820.820.820.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.020.030.030.040.05 1.0 1.0 1.0 0.020.030.030.04 1.0 1.0 1.0 0.020.030.030.04 1.0 1.0 1.0 0.050.050.050.050.06 (1, 0.1, 0.1, 1, 0.1)	0.8 0.8 0.8 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.010.060.060.060.02 1.0 1.0 1.0 0.020.060.060.02 1.0 1.0 0.020.060.060.090.02 (1, 0.1, 0.1, 1, 1)	- 0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.25 - 10 1.0 1.0 0.23 0.0 0.0 0.0 0.23 - 10 1.0 1.0 0.010.060.060.060.01 - 10 1.0 1.0 0.010.060.060.060.01 - 10 1.0 1.0 0.010.060.060.060.01 - 1.0 1.0 1.0 0.010.090.09 0.1 0.01 - (1, 0.1, 0.1, 1, 10.0)	-0.820.820.23 0.0 0.0 0.0 0.23 -1.0 1.0 0.24 0.0 0.0 0.0 0.24 -1.0 1.0 0.020.030.030.040.05 -1.0 1.0 0.020.060.060.070.05 -1.0 1.0 0.020.060.060.070.06 -1.0 1.0 0.060.050.050.060.06 (1, 0.1, 0.1, 10.0, 0.1)	-9.790.790.790.26 0.0 0.0 0.0 0.26 -1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 -1.0 1.0 1.0 0.010.070.070.070.01 -1.0 1.0 1.0 0.010.080.080.090.01 -1.0 1.0 1.0 0.010.060.060.060.01 -1.0 1.0 1.0 0.020.080.080.080.02 -1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	- 0.8 0.8 0.8 0.24 0.0 0.0 0.24 - 1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.24 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
wt. no DNAdam - 7.79.79.79.05.00 00 00 00 00 00 00 00 00 00 00 00 00	0.810.810.810.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 0.8 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.810.810.810.04 0.0 0.0 0.0 0.04 0.04 0.05 0.0 0.0 0.0 0.0 0.05 0.0 0.0 0.0 0	0.8 0.8 0.8 0.04 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.01 (1, 0.1, 1, 1, 10.0)	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 (1, 0.1, 1, 10.0, 0.1)	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.04 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 (1, 0.1, 1, 10.0, 1)	-9.830.830.830.040.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
wt. no DNAdam	1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.01 1.0 1.0	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05  1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 0.0 0.0	-0.810.810.810.05 0.0 0.0 0.0 0.0 0.05 -10 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.05 -10 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 -10 1.0 1.0 0.0 0.0 0.0 0.0 0.0	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 (1, 0.1, 10.0, 1, 10.0)	0.810.810.810.04 0.0 0.0 0.0 0.04 0.04 0.04 0.05 0.0 0.0 0.05 0.0 0.0 0.0 0.05 0.0 0.0	-9.820.820.820.04 0.0 0.0 0.0 0.0 0.04 -1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.04 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0	0.8 0.8 0.8 0.06 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
wt, no DNAdam	0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05	0.820.820.820.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.810.810.810.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0	-0.810.810.810.05 0.0 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.01 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.01 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.02 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.02	-0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.810.810.810.05 0.0 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.02 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.02 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.02 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.02 (1, 1, 0.1, 10.0, 0.1)	-0.820.820.820.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.010.010.010.010.01 -1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	- 0.8 0.8 0.8 0.05 0.0 0.0 0.0 0.05 - 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 - 1.0 1.0 1.0 0.010.010.010.010.01 - 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 - 1.0 1.0 1.0 0.010.010.010.010.01 - 1.0 1.0 1.0 0.010.010.010.010.01 - 1.0 1.0 1.0 0.010.010.010.010.01
wt. no DNAdam 70.810.810.81 0.2 0.0 0.0 0.2 0.2 krasΔ, no DNAdam, 0/0 10 10 0.2 0.0 0.0 0.2 0.2 krasΔ, DNAdam, 0/0 10 10 10 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	(1, 1, 1, 0.1, 1)	0.790.790.79 0.2 0.0 0.0 0.0 0.2	1.0 1.0 1.0 0.18 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.04 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.05 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.810.810.810.19 0.0 0.0 0.0 0.19 -0.0 1.0 1.0 0.21 0.0 0.0 0.0 0.21 -0.0 1.0 1.0 0.04 0.0 0.0 0.0 0.04 -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.06 -1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 -1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.0 (1, 1, 1, 1, 10.0)	1.0 1.0 0.18 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.18 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 (1, 1, 1, 10.0, 1)	-0.790.790.79 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
wt. no DNAdam - 0.820.820.820.1900 00 000.19	-1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 -1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.04 -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.810.810.810.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.21 0.0 0.0 0.0 0.21 1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.06 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.08 1.0 1.1 1.0 0.08 0.0 0.0 0.0 0.08 1.1 1.1 1.1 0.08 0.0 0.0 0.0 0.08	0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.18 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.040.010.010.010.05 1.0 1.0 1.0 0.050.010.010.020.07 1.0 1.0 1.0 0.050.010.010.020.020.07 (1, 1, 10.0, 1, 1)	-0.810.810.810.19	0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	- 0.8 0.8 0.8 0.21 0.0 0.0 0.0 0.2 1	- 0.8 0.8 0.8 0.2 0.0 0.0 0.2 0.2 0.0 1.0 1.0 1.0 0.2 0.0 0.0 0.2 0.0 0.0 0.2 0.0 0.0 0
wt. no DNAdam	-0.820.820.820.19 0.0 0.0 0.0 0.19 -1.0 1.0 1.0 0.17 0.0 0.0 0.0 0.17 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.17 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.810.810.81 0.2 0.0 0.0 0.0 0.2	0.810.810.810.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.21 0.0 0.0 0.0 0.21 1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.05 0.01 0.0 0.0 0.0 1.0 1.0 1.0 0.05 0.01 0.01 0.05 (1, 10.0, 0.1, 1, 0.1)	0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.21 0.0 0.0 0.2 0.0 0.0 0.2 1.0 1.0 1.0 0.040.010.010.020.05 1.0 1.0 1.0 0.050.020.020.020.020.05 1.0 1.0 1.0 0.070.020.020.020.020.07 (1, 10.0, 0.1, 1, 1)	-0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.2 -1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 -1.0 1.0 1.0 0.040.020.020.020.05 -1.0 1.0 1.0 0.050.020.020.030.06 -1.0 1.0 1.0 0.060.030.030.040.06 -1.0 1.0 0.0 0.060.030.030.040.06	-0.810.810.810.19 0.0 0.0 0.0 0.0 0.19	0.8 0.8 0.8 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.050.030.030.030.05 1.0 1.0 1.0 0.050.030.030.040.06 1.0 1.0 1.0 0.050.030.030.040.06 (1, 10.0, 0.1, 10.0, 1)	-0.810.810.81 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.040.030.030.030.04 1.0 1.0 1.0 0.040.040.040.040.04 0.04
wt, no DNAdam	1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.09 0.0 0.0 0.0 0.0 (1, 10.0, 1, 0.1, 1)	0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 1.0 0.23 0.0 0.0 0.0 0.23 1.0 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.07 1.0 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.1 0.0 0.0	0.820.820.820.23 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.08 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08	0.8 0.8 0.8 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.00 (1, 10.0, 1, 1, 1)	-0.8 0.8 0.8 0.26 0.0 0.0 0.0 0.26 -1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 -1.0 1.0 1.0 0.070.010.010.010.07 -1.0 1.0 1.0 0.07 0.0 0.0 0.010.07 -1.0 1.0 1.0 0.060.010.010.010.06 -1.0 1.0 1.0 0.080.010.010.010.08 (1, 10.0, 1, 1, 10.0)	-0.810.810.810.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.810.810.810.24 0.0 0.0 0.0 0.24 -1.0 1.0 1.0 0.27 0.0 0.0 0.0 0.27 -1.0 1.0 1.0 0.07 0.0 0.0 0.010.07 -1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.07 -1.0 1.0 1.0 0.07 0.0 0.0 0.010.07 -1.0 1.0 1.0 0.09 0.010.010.00 (1, 10.0, 1, 10.0, 1)	-0.810.810.810.24 0.0 0.0 0.0 0.24 -1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 -1.0 1.0 1.0 0.070.010.010.010.07 -1.0 1.0 1.0 0.060.010.010.010.06 -1.0 1.0 1.0 0.080.010.010.010.08 (1, 10.0, 1, 10.0, 10.0)
krasΔ, no DNAdam, 0/0 -10 10 10 0.26 00 00 0.00 0.00 0.00 0.00 0.00 0.	1.0 1.0 1.0 0.26 0.0 0.0 0.26 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.25 0.0 0.0 0.2 0.25 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.23 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.07 0.0 0.0 0.010.09 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.09 1.0 1.0 1.0 0.130.010.010.11 (1, 10.0, 10.0, 1, 0.1) 0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.23	1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.070.020.020.030.08 1.0 1.0 0.050.020.020.030.07 1.0 1.0 0.0 1.0 0.050.020.020.030.07 1.0 1.0 0.0 1.0 0.050.020.020.030.07 1.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0 0.24	1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.060.030.030.030.06 1.0 1.0 1.0 0.070.030.030.040.08 1.0 1.0 1.0 0.090.030.030.040.08 1.0 1.0 1.0 0.090.030.030.040.09 (1, 10.0, 10.0, 1, 10.0)	1.0 1.0 0.022 0.0 0.0 0.22 1.0 1.0 1.0 0.060.010.010.01 0.1 1.0 1.0 0.090.010.010.010.11 1.0 1.0 0.070.010.010.010.11 (1, 10.0, 10.0, 10.0, 0.1) -0.820.820.820.820.24 0.0 0.0 0.0 0.24	1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.060.030.030.040.06 1.0 1.0 1.0 0.070.030.030.040.08 1.0 1.0 1.0 0.060.030.030.030.030.06 1.0 1.0 1.0 0.090.040.040.050.09 (1, 10.0, 10.0, 10.0, 1)	1.0 1.0 1.0 0.24 0.0 0.0 0.24 1.0 1.0 1.0 0.050.040.040.040.06 1.0 1.0 1.0 0.060.050.050.060.06 1.0 1.0 1.0 0.060.050.050.060.06 1.0 1.0 1.0 0.060.070.070.080.06 (1, 10.0, 10.0, 10.0, 10.0)
wt. no DNAdam	<b>1.0 1.0 1.0</b> 0.27 <mark>0.0 0.0 0.0</mark> 0.27 -	1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.060 010 010 010 010 010 010 010 010 010	(10.0, 0.1, 0.1, 1, 0.1)	1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.050.030.030.040.05 1.0 1.0 0.070.040.040.050.08 1.0 1.0 0.070.040.040.050.08 1.0 1.0 0.090.040.050.09 (10.0, 0.1, 0.1, 1, 1)	10 1.0 1.0 0.26 0.0 0.0 0.0 0.26 10 1.0 1.0 0.050.060.060.060.05 10 1.0 1.0 0.070.040.040.050.07 10 1.0 1.0 0.070.060.060.050.05 1.0 1.0 1.0 0.070.060.060.070.07 (10.0, 0.1, 0.1, 1, 10.0)	10 1.0 1.0 0.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.070.010 010 010.011 1.0 1.0 1.0 0.070.010 010.010.010 1.1 1.0 1.0 1.0 1.0 0.070.010.010.010.010 01.1 1.0 1.0 1.0 1.0 0.130.010.010.020.13 (10.0, 0.1, 0.1, 10.0, 0.1) 0.810.810.810.85 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.060.050.050.060.070.08 1.0 1.0 1.0 0.060.050.050.050.050.07 1.0 1.0 1.0 0.060.050.050.050.070.09 (10.0, 0.1, 0.1, 10.0, 1)	1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.060.060.060.060.06 1.0 1.0 0.070.080.080.090.07 1.0 1.0 1.0 0.050.080.080.090.05 (10.0, 0.1, 0.1, 10.0, 10.0)
wt. no DNAdam - 1810.810.810.610.010.010.010.010.010.010.010.010.0	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 0.1, 1, 1, 0.1)	10 10 10 0.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	10 10 10 10 0.06 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	(10.0, 0.1, 1, 10.0, 0.1)	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0
krasΔ, no DNAdam, 0/0 10 10 10 10 10 10 10 10 10 10 10 10 10	-1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 -1.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 1.05 0.0 0.0 0.0 0.05	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.03 (10.0, 0.1, 10.0, 1, 10.0) -0.810.810.810.05 0.0 0.0 0.0 0.05	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.04 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 (10.0, 0.1, 10.0, 10.0, 1)	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 (10.0, 0.1, 10.0, 10.0, 10.0)
krasΔ, no DNAdam, 0/0 10 10 10 10 10 10 10 10 10 10 10 10 10	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 (10.0, 1, 0.1, 0.1, 1) -0.810.810.810.810.19 0.0 0.0 0.0 0.19	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.00 1.00 1	1.0 1.0 0.04 0.0 0.0 0.0 0.0 0.04 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.02	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 1.0 1.0 1.0 0.01 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 (10.0, 1, 0.1, 1, 10.0) -0.830.830.830.17 0.0 0.0 0.0 0.17	1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 (10.0, 1, 0.1, 10.0, 1) - 0.8 0.8 0.8 0.2 0.0 0.0 0.0 0.2	1.0 1.0 1.0 0.05 0.0 0.0 0.0 0.05 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 (10.0, 1, 0.1, 10.0, 10.0)
krasΔ, no DNAdam, 0/0 -10 10 10 0.18 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.2 0.0 0.0 0.2 0.2 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0	- 1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 (10.0, 1, 1, 1, 10.0) -0.820.820.820.18 0.0 0.0 0.0 0.18	- 1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 1.0 1.0 1.0 0.09 0.0 0.0 0.00 (10.0, 1, 1, 10.0, 1) -0.820.820.820.19 0.0 0.0 0.0 0.19	1.0 1.0 1.0 0.18 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.06 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.08 (10.0, 1, 1, 10.0, 10.0)
krasΔ, no DNAdam, 0/0 10 10 10 02 00 00 02 krasΔ, DNAdam, 0/0 10 10 10 00 00 00 00 00 00 00 00 00 00	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 -1.0 1.0 1.0 0.1 0.1 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.09 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.09 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.09 0.0 0.0 0.0 0.1 (10.0, 1, 10.0, 1, 0.1) 0.8 0.8 0.8 0.2 0.0 0.0 0.0	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.070.010.010.010.07 1.0 1.0 1.0 0.090.010.010.01 1.0 1.0 0.10 0.10 0.10 0.10 0.10 (10.0, 1, 10.0, 1, 1) 0.810.810.810.19 0.0 0.0 0.0 0.19	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.070.020.020.020.08 1.0 1.0 1.0 0.080.010.010.010.09 1.0 1.0 1.0 0.070.020.020.020.08 1.0 1.0 1.0 0.090.020.020.020.09 (10.0, 1, 10.0, 1, 10.0)	1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.09 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.2 0.0 0.0 0.2 0.2 1.0 1.0 1.0 0.070.020.020.020.08 1.0 1.0 1.0 0.090.010.010.020.09 1.0 1.0 1.0 0.090.010.010.020.09 (10.0, 1, 10.0, 10.0, 10.0, 1)	1.0 1.0 1.0 0.19 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.060.030.030.06 1.0 1.0 1.0 0.070.020.020.07 1.0 1.0 1.0 0.070.030.030.030.08 (10.0, 1, 10.0, 10.0, 10.0) 
krasΔ, no DNAdam, 0/0 10 10 10 02 00 00 02 02 02 02 02 02 02 02 02 02	1.0 1.0 1.0 0.21 0.0 0.0 0.0 0.21 - 1.0 1.0 1.0 0.08 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.21 0.0 0.0 0.0 0.21 1.0 1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.0 0.1 1.0 1.0	- 1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.60 0.20 0.20 0.20 0.20 0.7 1.0 1.0 1.0 0.09 0.20 0.20 0.20 0.20 0.2 0.1 1.0 1.0 1.0 0.1 0.10 0.10	-1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 -1.0 1.0 1.0 0.060.020.020.020.07 -1.0 1.0 1.0 0.070.020.020.020.08 -1.0 1.0 1.0 0.070.020.020.020.07 -1.0 1.0 1.0 0.090.020.020.020.09 (10.0, 10.0, 0.1, 1, 10.0) -0.790.790.790.26 0.0 0.0 0.0 0.26	- 1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 0.1 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-1.0 1.0 1.0 0.2 0.0 0.0 0.0 0.2 -1.0 1.0 1.0 0.070.020.020.020.08 -1.0 1.0 1.0 0.060.030.030.030.08 -1.0 1.0 1.0 0.080.030.030.030.08 -1.0 1.0 0.080.030.030.030.08 -1.0 1.0 0.080.030.030.030.08	1.0 1.0 1.0 0.2 0.0 0.0 0.2 0.2 1.0 1.0 1.0 0.050.030.030.030.05 1.0 1.0 1.0 0.060.040.040.040.07 1.0 1.0 1.0 0.080.040.040.040.08 (10.0, 10.0, 0.1, 10.0, 10.0) 1.0 0.790.790.790.26 0.0 0.0 0.0 0.26
krasΔ, no DNAdam, 0/0 - 10 10 10 0.26 00 00 000.26 krasΔ, DNAdam, 0/0 - 10 10 10 0.11 00 00 000.11 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.09 00 00 000.12 krasΔ, DNAdam, 0/mk2i - 10 10 10 0.12 00 00 000.12 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.12 00 00 000.12 (10.0, 10.0, 1, 0.1, 0.1)	-1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 -1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.13 0.0 0.0 0.0 0.13 -1.0 1.0 1.0 0.13 0.0 0.0 0.0 0.13 -1.0 1.0 1.0 0.13 0.0 0.0 0.0 0.13 -1.0 1.0 1.0 0.13 0.0 0.0 0.0 0.13 -1.0 1.0 1.0 0.13 0.0 0.0 0.0 0.13 -1.0 1.0 0.13 0.0 0.0 0.0 0.24 -1.0 1.0 1.0 1.0 0.0 0.0 0.24 -1.0 1.0 1.0 0.0 0.0 0.24 -1.0 1.0 0.0 0.0 0.24 -1.0 1.0 0.0 0.0 0.24 -1.0 0.0 0.0 0.0 0.24 -1.0 0.0 0.0 0.0 0.24 -1.0 0.0 0.0 0.0 0.24 -1.0 0.0 0.0 0.0 0.24 -1.0 0.0 0.0 0.0 0.24 -1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 1.0 1.0 1.0 0.1 0.1 0.0 0.0 0.1 1.0 1.0	1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.09 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.11 0.0 0.0 0.0 0.1 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 (10.0, 10.0, 1, 1, 0.1) 0.8 0.8 0.8 0.26 0.0 0.0 0.0 0.26	- 1.0 1.0 1.0 0.23 0.0 0.0 0.0 0.23 - 1.0 1.0 0.1 0.0 0.0 0.0 0.1 - 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 - 1.0 1.0 1.0 0.8 0.0 0.0 0.0 0.1 - 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 - 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 - 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 - 1.0 1.0 0.1 0.1 0.0 0.0 0.0 0.1 - 1.0 1.0 0.1 0.1 0.0 0.0 0.0 0.1	-1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 -1.0 1.0 1.0 0.1 0.1 0.1 0.1 0.1 0.1 -1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.11 -1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.11	- 1.0 1.0 1.0 0.23 0.0 0.0 0.0 0.23 - 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 1.0 1.0	-1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 -1.0 1.0 1.0 0.080.010.010.010.08 -1.0 1.0 1.0 0.11 0.0 0.0 0.0 0.11 -1.0 1.0 1.0 0.1 0.010.010.010.12 (10.0, 10.0, 1, 10.0, 1) -0.8 0.8 0.8 0.25 0.0 0.0 0.0 0.25	-1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 -1.0 1.0 1.0 0.090.010.010.009 -1.0 1.0 1.0 0.090.010.010.010.09 -1.0 1.0 1.0 0.090.0 0.0 0.0 0.09 -1.0 1.0 1.0 0.120.010.010.010.12 (10.0, 10.0, 1, 10.0, 10.0) -0.810.810.810.25 0.0 0.0 0.0 0.25
krasΔ, no DNAdam, 0/0 10 10 10 12 10 10 10 10 10 10 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	-1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 -1.0 1.0 1.0 0.11 0.0 0.0 0.0 0.11 -1.0 1.0 1.0 0.130.010.010.010.14 -1.0 1.0 1.0 0.14 0.0 0.0 0.0 0.11 -1.0 1.0 1.0 0.14 0.0 0.0 0.0 0.14 -1.0 1.0 1.0 0.14 0.0 0.0 0.0 0.14 -1.0 1.0 1.0 0.14 0.0 0.0 0.0 0.14 -1.0 1.0 1.0 0.14 0.0 0.0 0.0 0.14 -1.0 1.0 1.0 0.0 0.0 0.14 -1.0 1.0 0.0 0.0 0.14 -1.0 0.0 0.0 0.0 0.14 -1.0 0.0 0.0 0.0 0.14 -1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.24 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.090.010.010.010.00 1.0 1.0 1.0 1.0 1.0 1.0	1.0 1.0 0.22 0.0 0.0 0.0 0.22 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.12 1.0 1.0 1.0 0.12 0.0 0.0 0.0 0.14 1.0 1.0 1.0 0.11 0.0 0.0 0.0 0.12 1.0 1.0 1.0 0.14 0.0 0.0 0.0 0.14 (10.0, 10.0, 10.0, 1, 0.1) 0.8 0.8 0.8 0.24 0.0 0.0 0.0 0.24	- 1.0 1.0 1.0 0.26 0.0 0.0 0.0 0.26 - 1.0 1.0 0.1 0.020.020.020.12 - 1.0 1.0 1.0 0.110.020.020.020.12 - 1.0 1.0 1.0 0.140.020.020.020.14 - (10.0, 10.0, 10.0, 1, 1) - 0.780.780.780.27 0.0 0.0 0.0 0.27	1.0 1.0 1.0 0.27 0.0 0.0 0.0 0.27 1.0 1.0 1.0 0.090.020.020.02 0.1 1.0 1.0 1.0 0.110.030.030.030.11 1.0 1.0 1.0 0.120.040.040.040.12 (10.0, 10.0, 10.0, 1, 10.0) -0.820.820.820.24 0.0 0.0 0.0 0.24	- 1.0 1.0 1.0 0.23 0.0 0.0 0.0 0.23 - 1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.0 0.12 - 1.0 1.0 1.0 0.1 0.1 0.10 0.10 0.10 0.	-1.0 1.0 1.0 0.25 0.0 0.0 0.0 0.25 0.0 0.0 0.25 0.0 0.0 0.0 0.25 0.0 0.0 0.0 0.0 0.25 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	1.0 1.0 1.0 0.23 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.080.040.040.050.08 1.0 1.0 1.0 0.1 0.040.040.04 0.1 1.0 1.0 1.0 1.0 0.1 0.040.040.04 0.1 1.0 1.0 1.0 1.0 0.1 0.040.040.04 0.1 1.0 1.0 1.0 0.1 0.040.040.04 0.1 1.0 1.0 1.0 0.1 0.040.040.04 0.1 1.0 1.0 1.0 0.1 0.0 0.1 0.0 0.0 0.0
$\Xi \subset G \cup A \cup G \subseteq G$	AAF SSB R1000000000000000000000000000000000000	U U U U U U U U U U U U U U U U U U U	U U U U U U U U U U U U U U U U U U U	AAF ABA AAR AAR SSB SP3 SP3 SP3 SP3 SP3 SP3 SP3 SP3 SP3 SP3	LO LO LO 0.24 DO DO 0.0 0.24 DO DO 0.24 DO DO 0.05 DO	AAF AAF AAF AAF AAF AAF AAF AAF AAF AAF	$\mathcal{L} \subseteq \mathcal{L} \cup $	LO LO LO 1.00.000.000.000.000.000.000.000.000.00
BE ATM A DSB S CAS	BF CD CD ATM A DSB S CAS Proliferat	ATM ATM A DSB S	DSB SProliferat	BF N CD CD ATM / DSB_S CAS	BF CD CD ATM A DSB S CAS	BF N CD CD ATM A DSB S CAS	BF CD CD ATM A DSB S CAS	BF N CD CD ATM A DSB S CAS