wt, no DNAdam 0.8 0.8 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 0.1, 0.1, 1)	(0.1, 0.1, 0.1, 0.1, 10.0) -0.79 0.79 0.79 0.3 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.0	(0.1, 0.1, 0.1, 1, 0.1) - 0.81 0.81 0.81 0.03 0.0 0.0 0.0 0.0 0.02 - 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) -0.8 0.8 0.8 0.04 0.0 0.0 0.0 0.04 -0.10 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) -0.8 0.8 0.8 0.3 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 -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) - 0.81 0.81 0.81 0.03 0.0 0.0 0.0 0.03 - 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 - 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) - 0.8 0.8 0.8 0.03 0.0 0.0 0.0 0.0 0.04 - 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	(0.1, 0.1, 0.1, 10.0, 10.0) 0.8 0.8 0.8 0.8 0.03 0.0 0.0 0.0 0.02 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
wt, no DNAdam (0.1, 0.1, 1, 0.1, 0.1) wt, no DNAdam (0.81 0.81 0.81 0.03 0.0 0.0 0.05 0.05 0.0 0.0 0.0 0.0 0.0 0	(0.1, 0.1, 1, 0.1, 1)	(0.1, 0.1, 1, 0.1, 10.0)	(0.1, 0.1, 1, 1, 0.1)	(0.1, 0.1, 1, 1, 1) -0.82 0.82 0.82 0.03 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 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	(0.1, 0.1, 1, 1, 10.0) -0.79 0.79 0.79 0.03 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 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 1, 10.0, 0.1) -0.81 0.81 0.81 0.03 0.0 0.0 0.0 0.04 -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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 1, 10.0, 1) -0.79 0.79 0.79 0.03 0.0 0.0 0.0 0.04 -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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 1, 10.0, 10.0)
wt, no DNAdam	(0.1, 0.1, 10.0, 0.1, 1) -0.81 0.81 0.81 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 1.0 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 (0.1, 1, 0.1, 0.1, 1)	(0.1, 0.1, 10.0, 0.1, 10.0)	(0.1, 0.1, 10.0, 1, 0.1)	(0.1, 0.1, 10.0, 1, 1) 0.8 0.8 0.8 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, 1, 0.1, 1, 1)	(0.1, 0.1, 10.0, 1, 10.0) -0.8 0.8 0.8 0.03 0.0 0.0 0.0 0.0 -0.0 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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 10.0, 10.0, 0.1) - 0.81 0.81 0.81 0.03 0.0 0.0 0.0 0.04 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.04 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.04 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(0.1, 0.1, 10.0, 10.0, 1)	(0.1, 0.1, 10.0, 10.0, 10.0) -0.82 0.82 0.82 0.03 0.0 0.0 0.0 0.04 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.05 -1.0 1.0 1.0 0.0 0.01 0.01 0.01 0.0 -1.0 1.0 1.0 0.0 0.01 0.01 0.01 0.0 -1.0 1.0 1.0 0.0 0.01 0.01 0.01 0.0 (0.1, 1, 0.1, 10.0, 10.0)
wt, no DNAdam - 0.8 0.8 0.12 0.0 0.0 0.13 krasΔ, no DNAdam, 0/0 - 10 10 10 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 0/0 - 10 10 10 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 0/mk2i - 10 10 10 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	-0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.13 -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 0.1 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.0 -1.0 1.1 1.1 0.2 0.0 0.0 0.0 0.0 -1.0 1.1 1.1 0.2 0.0 0.0 0.0 0.0	0.81 0.81 0.81 0.12 0.0 0.0 0.0 0.12 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8 0.8 0.8 0.13 0.0 0.0 0.0 0.14 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.07 -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 -1.0 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 0.0 -1.0 1.0 0.0 0.0 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	-0.82 0.82 0.82 0.11 0.0 0.0 0.0 0.12 -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 -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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8 0.8 0.8 0.12 0.0 0.0 0.0 0.13 -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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.82 0.82 0.82 0.12 0.0 0.0 0.0 0.13 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.07 -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 -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 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.14 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.6 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.0 0.1 0.1 0.1 0.1 -1.0 1.0 1.0 0.1 0.1 0.1 0.1 0.1 -1.0 1.0 1.0 0.1 0.1 0.1 0.1 0.1 0.1 -1.0 1.0 1.0 1.0 0.1 0.1 0.1 0.1 0.1	0.8 0.8 0.8 0.12 0.0 0.0 0.0 0.14 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
wt, no DNAdam - 0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.14 krasΔ, no DNAdam, 0/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 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 0.8 0.13 0.0 0.0 0.0 0.14 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 (0.1, 1, 10.0, 0.1, 1)	0.81 0.81 0.81 0.12 0.0 0.0 0.0 0.13 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.01 0.01 0.01 0.01 1.0 1.0 1.0 0.03 0.02 0.02 0.02 0.03 (0.1, 1, 10.0, 0.1, 10.0)	0.8 0.8 0.8 0.14 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.17 1.0 1.0 1.0 0.0 0.02 0.02 0.03 0.01 1.0 1.0 1.0 0.02 0.03 0.03 0.03 0.02 1.0 1.0 1.0 0.01 0.03 0.03 0.03 0.02 1.0 1.0 1.0 0.02 0.03 0.03 0.03 0.02 (0.1, 1, 10.0, 1, 0.1)	0.8 0.8 0.8 0.13 0.0 0.0 0.0 0.16 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.16 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.16 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 0.0	0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.17 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.16 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.16 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 0.01 0.03 0.03 0.03 0.03 1.0 1.0 1.0 0.01 0.03 0.03 0.03 0.02 1.0 1.0 1.0 0.02 0.04 0.04 0.04 0.02 (0.1, 1, 10.0, 1, 10.0)	0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 0.8 0.8 0.13 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.0 0.0 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 0.1 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.82 0.82 0.82 0.12 0.0 0.0 0.0 0.17 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.17 1.0 1.0 1.0 0.0 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 0.17 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
wt, no DNAdam - 0.8 0.8 0.8 0.14 0.0 0.0 0.0 0.16 krasΔ, no DNAdam, 0/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.81 0.81 0.81 0.12 0.0 0.0 0.0 0.14 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 0.01 0.01 0.01 1.0 1.0 1.0 0.0 0.01 0.01 0.01 0.01 1.0 1.0 1.0 0.02 0.01 0.01 0.01 0.02 1.0 1.0 1.0 0.03 0.03 0.03 0.03 (0.1, 10.0, 0.1, 0.1, 1)	-0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.15 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.0 0.0 0.1 0.01 0.01 -1.0 1.0 1.0 0.0 0.0 0.1 0.01 0.01 -1.0 1.0 1.0 0.0 0.0 0.1 0.1 0.01 -1.0 1.0 1.0 0.0 0.0 0.1 0.1 0.01 -1.0 1.0 1.0 0.0 0.0 0.3 0.3 0.3 0.3 (0.1, 10.0, 0.1, 0.1, 10.0)	-0.81 0.81 0.81 0.13 0.00 0.00 0.00 0.17 -1.00 1.00 1.00 0.00 0.00 0.00 0.00 0.19 -1.00 1.00 1.00 0.00 0.03 0.03 0.03 0.01 -1.00 1.00 1.00 0.02 0.04 0.04 0.04 0.02 -1.00 1.00 1.00 0.01 0.04 0.04 0.04 0.01 -1.00 1.00 1.00 0.01 0.05 0.05 0.05 0.01 -1.00 1.00 1.00 0.01 0.05 0.05 0.05 0.01	-0.82 0.82 0.82 0.13 0.0 0.0 0.0 0.18 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.18 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.18 -1.0 1.0 1.0 0.0 0.03 0.03 0.04 0.01 -1.0 1.0 1.0 0.01 0.04 0.04 0.05 0.01 -1.0 1.0 1.0 0.01 0.05 0.05 0.05 0.02 -1.0 1.0 1.0 0.01 0.05 0.05 0.05 0.01 (0.1, 10.0, 0.1, 1, 1)	0.79 0.79 0.79 0.15 0.0 0.0 0.0 0.19 1.0 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 0.17 1.0 1.0 1.0 0.0 0.0 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	- 0.82 0.82 0.82 0.12 0.0 0.0 0.0 0.17 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.19 - 1.0 1.0 1.0 0.0 0.0 0.03 0.04 0.01 - 1.0 1.0 1.0 0.0 0.01 0.04 0.04 0.04 - 1.0 1.0 1.0 0.01 0.05 0.05 0.05 0.01 - 1.0 1.0 1.0 0.01 0.04 0.04 0.05 0.01 - 1.0 1.0 1.0 0.01 0.04 0.04 0.05 0.01 - 1.0 1.0 0.0 0.01 0.04 0.04 0.05 0.01	- 0.79 0.79 0.79 0.14 0.00 0.0 0.0 0.2 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.19 - 1.0 1.0 1.0 0.0 0.0 0.04 0.04 0.04 0.01 - 1.0 1.0 1.0 0.01 0.05 0.05 0.05 0.01	0.8 0.8 0.8 0.14 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.0 0.0 0.0 0.2 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.2 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
wt, no DNAdam -0.79 0.79 0.79 0.16 0.0 0.0 0.17 krasΔ, no DNAdam, 0/0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 0/0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/0 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 0/mk2i -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/mk2i -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/mk2i -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.82 0.82 0.82 0.14 0.0 0.0 0.0 0.15 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.04 -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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	- 0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.17 - 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	-0.81 0.81 0.81 0.0 0.0 0.0 0.0 0.16 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.8 -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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	0.8 0.8 0.8 0.16 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 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 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, 1) -0.82 0.82 0.82 0.85 0.15 0.0 0.0 0.0 0.0 0.2	-0.81 0.81 0.81 0.15 0.0 0.0 0.0 0.16 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.09 -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 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	- 0.81 0.81 0.81 0.14 0.0 0.0 0.0 0.16 - 1.0 1.0 1.0 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 - 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 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 - 0.81 0.81 0.81 0.15 0.0 0.0 0.0 0.2 0.2	0.8 0.8 0.8 0.15 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 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 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, 10.0, 1) - 0.8 0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.0 0.2	0.8 0.8 0.8 0.15 0.0 0.0 0.0 0.18 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.09 1.0 1.0 1.0 0.0 0.0 0.1 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 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 (0.1, 10.0, 1, 10.0, 10.0) 0.8 0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.24
krasΔ, no DNAdam, 0/0 - 10 10 10 00 00 00 01 krasΔ, DNAdam, 0/0 - 10 10 10 00 00 00 00 01 00 00 00 00 00	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 0.0 0.0 0.0 0.0 0.1 1.0 1.0	- 1.0 1.0 1.0 0.0 0.0 0.0 0.2 1 - 1.0 1.0 1.0 0.0 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 1 - 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 0.0 0.0 0.0 0.0 0.0 0.1 0.22 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1	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 0.2 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 0.23 - 1.0 1.0 1.0 0.0 0.05 0.05 0.06 0.01 - 1.0 1.0 1.0 0.01 0.06 0.06 0.07 0.02 - 1.0 1.0 1.0 0.02 0.06 0.06 0.06 0.02 - 1.0 1.0 1.0 0.02 0.07 0.07 0.07 0.02 (0.1, 10.0, 10.0, 10.0, 10.0, 0.1)	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.0 0.04 0.04 0.05 0.01 1.0 1.0 1.0 0.02 0.07 0.07 0.08 0.02 1.0 1.0 1.0 0.02 0.07 0.07 0.07 0.02 (0.1, 10.0, 10.0, 10.0, 10.0, 1) 0.8 0.8 0.8 0.17 0.0 0.0 0.0 0.25	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.0 0.04 0.04 0.04 0.01 1.0 1.0 1.0 0.01 0.05 0.05 0.06 0.01 1.0 1.0 1.0 0.02 0.06 0.06 0.06 0.02 1.0 1.0 1.0 0.02 0.06 0.06 0.07 0.02 (0.1, 10.0, 10.0, 10.0, 10.0)
krasΔ, no DNAdam, 0/0 - 10 10 10 00 00 00 00 012 krasΔ, DNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.12 1.0 1.0 1.0 0.0 0.02 0.02 0.02 0.01 1.0 1.0 1.0 0.0 0.02 0.02 0.03 0.02 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.03 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 (1, 0.1, 0.1, 0.1, 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 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 0.2 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 0.0 0.0 0.0 0.0 0.2 3 1.0 1.0 1.0 0.0 0.5 0.05 0.06 0.02 1.0 1.0 1.0 0.0 0.05 0.06 0.08 0.02 1.0 1.0 1.0 0.0 0.06 0.06 0.07 0.02 1.0 1.0 1.0 0.0 0.07 0.07 0.08 0.02 (1, 0.1, 0.1, 1, 1)	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.0 0.6 0.6 0.6 0.01 1.0 1.0 1.0 0.02 0.08 0.08 0.09 0.02 1.0 1.0 1.0 0.02 0.07 0.07 0.07 0.02 1.0 1.0 1.0 0.03 0.09 0.09 0.03 (1, 0.1, 0.1, 1, 10.0)	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.0 0.07 0.07 0.08 0.01 1.0 1.0 1.0 0.01 0.09 0.09 0.1 0.02 1.0 1.0 1.0 0.01 0.1 0.1 0.1 0.2 1.0 1.0 1.0 0.02 0.09 0.09 0.1 0.02 (1, 0.1, 0.1, 10.0, 0.1)	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.25 1.0 1.0 1.0 0.0 0.0 0.8 0.8 0.8 0.01 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 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0 0.8 0.8 0.9 0.0 1.0 1.0 0.1 0.0 0.8 0.8 0.9 0.0 1.0 1.0 0.1 0.1 0.8 0.8 0.8 0.9 0.0 1.0 0.1 0.1 0.1 0.0 0.8 0.8 0.9 0.0 1.0 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.24 1.0 1.0 1.0 0.0 0.08 0.08 0.08 0.01 1.0 1.0 1.0 0.0 0.0 0.08 0.08 0.01 1.0 1.0 1.0 0.0 0.1 0.1 0.1 0.2 1.0 1.0 1.0 0.1 0.9 0.9 0.9 0.9 0.01 (1, 0.1, 0.1, 10.0, 10.0)
krasΔ, no DNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 - 10 10 10 10 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 10 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	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 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1	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 0.0 0.0 0.0 0.0 0.0 0.02 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 - 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 0.1 0.0 0.0 0.0 0.0 - 1.0 1.0 1.0 0.1 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	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 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1
krasΔ, no ĎNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 - 10 10 10 10 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 10 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 10 00 00 00 00 00 00 00 00 00	-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 0.0 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	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.04 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 (1, 0.1, 10.0, 1, 1)	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.04 1.0 1.0 1.0 0.0 0.0 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 (1, 0.1, 10.0, 1, 10.0)	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.04 1.0 1.0 1.0 0.0 0.0 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 0.01 (1, 0.1, 10.0, 10.0, 0.1) 0.81 0.81 0.81 0.03 0.0 0.0 0.0 0.04	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 0.0 0.0 0.0 0.0 0.0 0.04 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01
krasΔ, DNAdam, 0/0 10 10 10 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 10 10 10 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i 10 10 10 10 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i 10 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i (1, 1, 0.1, 0.1, 0.1) wt, no DNAdam 0.8 0.8 0.8 0.12 0.0 0.0 0.0 0.12 krasΔ, no DNAdam, 0/0 10 10 10 00 00 00 00 00	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1	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 0.0 0.0 0.0 0.0 0.0 0.0 1 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 0.01 0.0 0.0 0.0 0.02 (1, 1, 0.1, 1, 10.0) - 0.8 0.8 0.8 0.14 0.0 0.0 0.0 0.15 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.06	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 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0
krasΔ, DNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1 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 0.0 0.0 1 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(1, 1, 1, 0.1, 10.0) 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 0.0	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.01 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 0.06 (1, 1, 1, 1, 1, 10.0) - 0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.0 0.16 1.0 1.0 0.0 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 1.0 1	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.1 1.0 1.0	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1
krasΔ, DNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	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 0.0 0.0 0.0 0.0 0.0 0.0 0.0	- 1.0 1.0 1.0 0.0 0.01 0.01 0.01 0.03 - 1.0 1.0 1.0 0.05 0.02 0.02 0.02 0.06 - 1.0 1.0 1.0 0.06 0.01 0.01 0.02 0.06 - 1.0 1.0 1.0 0.07 0.02 0.02 0.02 0.07 - (1, 1, 10.0, 1, 0.1) - 0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.19 - 1.0 1.0 1.0 0.0 0.0 0.0 0.18		-1.0 1.0 1.0 0.0 0.01 0.01 0.01 0.04 -1.0 1.0 1.0 0.06 0.01 0.01 0.01 0.06 -1.0 1.0 1.0 0.06 0.02 0.02 0.02 0.07 -1.0 1.0 1.0 0.06 0.01 0.01 0.02 0.06 (1, 1, 10.0, 1, 10.0) -0.81 0.81 0.81 0.13 0.0 0.0 0.0 0.18 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.18	1.0 1.0 1.0 0.0 0.02 0.02 0.02 0.04 1.0 1.0 1.0 0.05 0.02 0.02 0.02 0.06 1.0 1.0 1.0 0.06 0.02 0.02 0.02 0.06 1.0 1.0 1.0 0.07 0.02 0.02 0.03 0.07 (1, 1, 10.0, 10.0, 0.1) - 0.8 0.8 0.8 0.8 0.13 0.0 0.0 0.0 0.19 1.0 1.0 1.0 0.0 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 0.0 0.01 0.01 0.01 0.05 1.0 1.0 1.0 0.06 0.02 0.02 0.02 0.06 1.0 1.0 1.0 0.04 0.02 0.02 0.03 0.05 1.0 1.0 1.0 0.06 0.02 0.02 0.02 0.06 (1, 1, 10.0, 10.0, 10.0)
krasΔ, DNAdam, 0/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(1, 10.0, 0.1, 0.1, 1) (1, 10.0, 0.1, 0.1, 1) (1, 10.0, 0.1, 0.1, 1) (1, 10.0, 0.1, 0.1, 1)	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.01 0.02 1.0 1.0 1.0 0.06 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.07 0.01 0.01 0.01 0.08 (1, 10.0, 0.1, 0.1, 10.0) 	(1, 10.0, 0.1, 1, 0.1) -0.81 0.81 0.81 0.14 0.0 0.0 0.00 0.00 0.00 -1.0 1.0 1.0 0.0 0.00 0.00 0.00 0.00 0.0	(1, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0	1.0 1.0 1.0 0.0 0.01 0.01 0.02 0.04 1.0 1.0 1.0 0.06 0.02 0.02 0.03 0.07 1.0 1.0 1.0 0.05 0.02 0.02 0.02 0.06 1.0 1.0 1.0 0.07 0.02 0.02 0.02 0.07 (1, 10.0, 0.1, 1, 10.0) -0.81 0.81 0.81 0.14 0.0 0.0 0.0 0.0 0.16 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.9	(1, 10.0, 0.1, 10.0, 0.02, 0.02, 0.03, 0.04, 0.06, 0.01, 0.0	1.0 1.0 1.0 0.0 0.02 0.02 0.02 0.04 0.05 1.0 1.0 1.0 0.06 0.03 0.03 0.04 0.06 1.0 1.0 1.0 0.05 0.03 0.03 0.03 0.05 0.05 0.03 0.03	1.0 1.0 1.0 0.0 0.03 0.03 0.03 0.05 1.0 1.0 1.0 0.05 0.03 0.03 0.05 1.0 1.0 1.0 0.05 0.03 0.03 0.04 0.06 1.0 1.0 1.0 0.05 0.02 0.02 0.03 0.06 (1, 10.0, 0.1, 10.0, 10.0) - 0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.18 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.11
krasΔ, DNAdam, 0/0 - 10 10 10 00 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	(1, 10.0, 1, 0.1, 1) (1, 10.0, 1, 0.1, 1) (1, 10.0, 1, 0.1, 1) (1, 10.0, 1, 0.1, 1)	(1, 10.0, 1, 0.1, 0.0, 0.0, 0.0, 0.0, 0.0	(1, 10.0, 1, 1, 0.1) (1, 10.0, 1, 1, 0.1) (1, 10.0, 1, 1, 0.1) (1, 10.0, 1, 1, 0.1)	(1, 10.0, 1, 1, 1) -0.81 0.81 0.81 0.15 0.0 0.0 0.0 0.0 0.22 -0.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.23	(1, 10.0, 1, 1, 10.0) (1, 10.0, 1, 1, 10.0) (1, 10.0, 1, 1, 10.0) (1, 10.0, 1, 1, 10.0)	(1, 10.0, 1, 10.0, 0.0, 0.0, 0.0, 0.0, 0.	1.0 1.0 1.0 0.07 0.0 0.0 0.01 0.02 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 10 01 01 01 01 01 01 01 01 01	(1, 10.0, 10.0, 0.0, 0.0, 0.1) -1.0 1.0 1.0 0.1 0.1 0.1 0.1 0.1 0.1 -1.0 1.0 1.0 0.9 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.12 0.0 0.0 0.0 0.1 -1.0 1.0 1.0 0.12 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 0.0 0.0 0.0 0.0 0.1	1.0 1.0 1.0 0.09 0.01 0.01 0.09 0.01 0.01	1.0 1.0 1.0 0.08 0.02 0.02 0.03 0.08 1.0 1.0 1.0 0.07 0.03 0.03 0.08 0.08 1.0 1.0 1.0 0.1 0.03 0.03 0.04 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.0 1.0 1.0 0.08 0.02 0.02 0.03 0.09 1.0 1.0 1.0 0.1 0.02 0.02 0.03 0.09 1.0 1.0 1.0 0.1 0.02 0.02 0.03 0.1 (1, 10.0, 10.0, 1, 1) - 0.8 0.8 0.8 0.8 0.16 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 0.0 0.0 0.0 0.0 0.0 0.24	-1.0 1.0 1.0 0.07 0.02 0.02 0.03 0.08 -1.0 1.0 1.0 0.08 0.03 0.03 0.09 -1.0 1.0 1.0 0.09 0.03 0.03 0.09 (1, 10.0, 10.0, 1, 10.0) -0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.23 -1.0 1.0 1.0 0.0 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 0.08 0.04 0.04 0.05 0.09 1.0 1.0 1.0 0.07 0.04 0.04 0.04 0.08 1.0 1.0 1.0 0.08 0.04 0.04 0.05 0.08 (1, 10.0, 10.0, 10.0, 10.0, 0.1) - 0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.25 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.25 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.06	1.0 1.0 1.0 0.07 0.04 0.04 0.05 0.08 1.0 1.0 1.0 0.07 0.04 0.04 0.05 0.07 1.0 1.0 1.0 0.07 0.04 0.04 0.05 0.07 (1, 10.0, 10.0, 10.0, 10.0, 1) - 0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.25 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.25 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 9.08 9.03 9.03 9.04 9.09 1.0 1.0 1.0 9.07 9.04 9.04 9.05 9.08 1.0 1.0 1.0 9.1 9.03 9.03 9.04 9.1 (1, 10.0, 10.0, 10.0, 10.0, 10.0) -0.81 0.81 0.81 0.16 9.0 9.0 9.0 9.24 -1.0 1.0 1.0 9.0 9.0 9.0 9.25 -1.0 1.0 1.0 9.0 9.0 9.05 9.06 9.06
krasΔ, DNAdam, chek1i/0 - 10 10 10 10 10 00 00 00 01 01 krasΔ, DNAdam, 0/mk2i - 10 10 10 10 01 00 00 00 01 01 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 01 01 00 00 00 01 01 01 01 01	1.0 1.0 1.0 0.1 0.0 0.0 0.0 0.1 0.1 1.0 1.0	-1.0 1.0 1.0 0.09 0.01 0.01 0.01 0.09 -1.0 1.0 1.0 0.1 0.1 0.01 0.01 0.1 -1.0 1.0 1.0 0.13 0.01 0.0 0.0 0.1 -1.0 1.0 1.0 0.13 0.01 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 0.0 0.0 0.0 0.0 0.0		1.0 1.0 1.0 0.08 0.04 0.04 0.05 0.09 1.0 1.0 1.0 0.08 0.04 0.04 0.05 0.09 1.0 1.0 1.0 0.09 0.05 0.03 0.04 0.09 (10.0, 0.1, 0.1, 1, 1) -0.81 0.81 0.81 0.03 0.0 0.0 0.0 0.03 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	10 1.0 1.0 0.08 0.04 0.04 0.05 0.09 1.0 1.0 1.0 0.08 0.04 0.04 0.05 0.09 1.0 1.0 1.0 0.1 0.04 0.04 0.06 0.1 (10.0, 0.1, 0.1, 1, 10.0) -0.78 0.78 0.78 0.03 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 0.06 0.06 0.06 0.07 0.06 - 1.0 1.0 1.0 0.07 0.06 0.06 0.07 0.07 - 1.0 1.0 1.0 0.07 0.05 0.05 0.06 0.07 - (10.0, 0.1, 0.1, 10.0, 0.1) - 0.8 0.8 0.8 0.8 0.3 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 0.07 0.06 0.06 0.07 0.08 1.0 1.0 1.0 0.06 0.06 0.07 0.08 0.07 0.07 0.08 1.0 1.0 0.06 0.06 0.06 0.07 0.07 0.07 0.07 0.	1.0 1.0 1.0 0.07 0.06 0.06 0.07 0.07 1.0 1.0 1.0 0.06 0.06 0.06 0.07 0.07 1.0 1.0 1.0 0.07 0.06 0.06 0.07 0.07 (10.0, 0.1, 0.1, 10.0, 10.0)
krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 10 00 00 00 00 00 00 00 00 00	-1.0 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, 1, 0.1, 1) -0.81 0.81 0.81 0.03 0.0 0.0 0.0 0.03 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.02 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 0.1, 1, 0.1, 10.0) 	(10.0, 0.1, 1, 1, 0.1)	(10.0, 0.1, 1, 1, 1)	(10.0, 0.1, 1, 1, 10.0) -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 -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 0.02 0.0 0.0 0.0 0.02 - 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.03 - 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 - (10.0, 0.1, 1, 10.0, 0.1) - 0.62 0.62 0.62 0.03 0.0 0.0 0.0 0.04 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.04 - 1.0 1.0 1.0 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 0.02 0	(10.0, 0.1, 1, 10.0, 10.0) -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, 1, 10.0, 10.0) -0.8 0.8 0.8 0.8 0.03 0.0 0.0 0.0 0.04 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.02
krasΔ, DNAdam, chek1i/0 - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	(10.0, 0.1, 10.0, 0.1, 1) (10.0, 0.1, 10.0, 0.0, 0.0, 0.0, 0.0) (10.0, 0.1, 10.0, 0.1, 1) 0.8 0.8 0.8 0.8 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	(10.0, 0.1, 10.0, 0.1, 10.0) -1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.0 (10.0, 0.1, 10.0, 0.1, 10.0) -0.82 0.82 0.82 0.04 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	(10.0, 0.1, 10.0, 1, 0.1) 	(10.0, 0.1, 10.0, 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 0.1, 10.0, 1, 10.0) (10.0, 0.1, 10.0, 1, 10.0) (10.0, 0.1, 10.0, 0.0, 0.0, 0.0, 0.0) (10.0, 0.1, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0	(10.0, 0.1, 10.0, 10.0, 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	- 1.0 1.0 1.0 0.02 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 0.0 0.0 0.0 0.0	(10.0, 0.1, 10.0, 0.0, 0.0, 0.0, 0.0) (10.0, 0.1, 10.0, 10.0, 10.0, 10.0) (10.10, 10.0, 10.0, 10.0, 10.0, 10.0) (10.10, 10.0, 10.0, 10.0, 10.0, 10.0) (10.10, 10.0, 10.0, 10.0, 10.0, 10.0, 10.0) (10.10, 10.0, 10.0, 10.0, 10.0, 10.0, 10.0) (10.10, 10.0, 10.0, 10.0, 10.0, 10.0, 10.0)
krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	(10.0, 1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0	(10.0, 1, 0.1, 0.0, 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	(10.0, 1, 0.1, 1, 0.0) 0.0 0.0 0.0 0.02 (10.0, 1, 0.1, 1, 0.1)	(10.0, 1, 0.1, 1, 1)	(10.0, 1, 0.1, 1, 10.0) -0.81 0.81 0.81 0.13 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 0.02 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 1.0 1.0 1.0 1.0 1.0 1.0 1.0	- 1.0 1.0 1.0 0.02 0.0 0.0 0.0 0.02 0.0 1.0 0.02 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
krasΔ, DNAdam, 0/mk2i - 10 10 10 00 00 00 00 00 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 01 01 01 00 00 00	(10.0, 1, 1, 0.1, 1) (10.0, 1, 1, 0.1, 1) (10.10, 10, 10, 0.0, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	(10.0, 1, 1, 0.1, 10.0) (10.0, 1, 1, 0.1, 10.0) (10.10 100 100 100 100 100 100 100 100 10	(10.0, 1, 1, 1, 0.1)	(10.0, 1, 1, 1, 1)	(10.0, 1, 1, 1, 10.0)	- 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 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.07 0.0 0.0 0.0 0.07 1.0 1.0 1.0 0.09 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 1, 1, 10.0, 10.0) - 1.0, 1.0, 1.0, 10.0,
krasΔ, DNAdam, 0/mk2i - 10 10 10 008 00 00 00 008 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 01 00 00 00 01 01 01 00 00 00	(10.0, 1, 10.0, 0.0, 0.0, 0.0, 0.1) (10.0, 1, 10.0, 0.1, 1) -0.82 0.82 0.82 0.12 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 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	(10.0, 1, 10.0, 0.08 0.0 0.0 0.0 0.08 1.0 1.0 1.0 1.0 0.11 0.0 0.0 0.0 0.11 (10.0, 1, 10.0, 0.1, 10.0) (10.0, 1, 10.0, 0.1, 10.0, 0.0 0.0 0.0 0.14 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 1, 10.0, 1, 0.1 0.01 0.01 0.01 0.0	(10.0, 1, 10.0, 1.0) 0.01 0.01 0.01 0.09 (10.0, 1, 10.0, 1, 1) (10.0, 1, 1) (10.0, 1, 10.0) 0.01 0.01 0.01 0.01 0.01 0.01 0.0	(10.0, 1, 10.0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	1.0 1.0 1.0 0.08 0.01 0.01 0.02 0.09 1.0 1.0 1.0 0.09 0.01 0.01 0.01 0.09 (10.0, 1, 10.0, 10.0, 0.1) - 0.8 0.8 0.8 0.14 0.0 0.0 0.0 0.2 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.16 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.6 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.08 0.01 0.01 0.01 0.09 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-1.0 1.0 1.0 0.08 0.01 0.01 0.01 0.09 -1.0 1.0 1.0 0.09 0.02 0.02 0.02 0.09 -1.0 1.0 1.0 0.09 0.02 0.02 0.02 0.09 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
krasΔ, DNAdam, 0/mk2i - 10 10 10 01 00 00 01 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 00 00 00 00 00 00 00 00 00 00	(10.0, 10.0, 10.0, 0.0, 0.0, 0.0, 0.0) (10.0, 10.0, 0.1, 0.1, 1)	(10.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	(10.0, 10.0 0.09 0.02 0.02 0.09 0.01 0.01 0.01 0.01 0.01 0.01 0.01	(10.0, 10.0) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0	1.0 1.0 1.0 0.08 0.02 0.02 0.02 0.08 1.0 1.0 1.0 0.08 0.02 0.02 0.02 0.08 1.0 1.0 1.0 0.08 0.02 0.02 0.02 0.08 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.06 0.02 0.02 0.02 0.07 1.0 1.0 1.0 0.08 0.02 0.02 0.02 0.08 (10.0, 10.0, 0.1, 10.0, 1) - 0.8 0.8 0.8 0.4 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 0.1 0.0 0.0 0.0 0.0 0.1 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 0.1 0.1 0.1 0.1 0.1	-1.0 1.0 1.0 1.0 0.07 0.03 0.03 0.03 0.08 -1.0 1.0 1.0 0.09 0.03 0.03 0.03 0.09 -1.0 1.0 1.0 0.09 0.03 0.03 0.03 0.09 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
krasΔ, DNAdam, chek1i/mk2i - 10 10 10 012 0.0 0.0 0.12 (10.0, 10.0, 1, 0.1, 0.1) wt, no DNAdam - 0.81 0.81 0.15 0.0 0.0 0.0 0.17 krasΔ, no DNAdam, 0/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.1 krasΔ, DNAdam, 0/0 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, chek1i/0 - 1.0 1.0 1.0 0.15 0.0 0.0 0.0 0.1 krasΔ, DNAdam, 0/mk2i - 10 1.0 0.0 0.0 0.0 0.0 0.1 0.13	(10.0, 10.0, 1, 0.1, 1) - 0.81 0.81 0.81 0.16 0.0 0.0 0.0 0.18 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.09 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.04 - 1.0 1.0 1.0 0.14 0.0 0.0 0.0 0.14 - 1.0 1.0 1.0 0.13 0.0 0.0 0.0 0.13	(10.0, 10.0, 1, 0.1, 10.0) -0.81 0.81 0.81 0.16 0.0 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 -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 0.13 0.0 0.0 0.0 0.13 -1.0 1.0 1.0 0.11 0.0 0.0 0.0 0.11	(10.0, 10.0, 1, 1, 0.1) (10.0, 10.0, 1, 1, 0.1) (10.0, 10.0, 1, 1, 0.1) (10.0, 10.0, 0.0, 0.0, 0.0, 0.2) 1.0, 1.0, 1.0, 0.0, 0.0, 0.0, 0.2 1.0, 1.0, 1.0, 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 0.1 0.1 0.0 0.1 0.1 0.1	(10.0, 10.0, 1, 1, 10.0) (10.0, 10.0, 1, 1, 10.0) (10.0, 10.0, 1, 1, 10.0) -0.8 0.8 0.8 0.16 0.0 0.0 0.0 0.23 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.22 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.22 -1.0 1.0 1.0 0.11 0.02 0.02 0.02 0.11 -1.0 1.0 1.0 0.12 0.02 0.02 0.02 0.13	(10.0, 10.0, 1, 10.0, 0.1) (10.10 1.0 1.0 0.1 0.01 0.01 0.01 0.12 (10.0, 10.0, 1, 10.0, 0.1) (10.0, 10.0 0.0 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.23 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 10.0, 1, 10.0, 1)	(10.0, 10.0, 1, 10.0, 10.0) -0.8 0.8 0.8 0.15 0.0 0.0 0.0 0.23 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.23 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.23 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.23 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.23 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.23
krasΔ, DNAdam, chek1i/mk2i - 10 10 10 014 00 00 00 014 (10.0, 10.0, 10.0, 0.1, 0.1) wt, no DNAdam - 0.8 0.8 0.8 0.6 0.0 0.0 0.0 0.1 krasΔ, no DNAdam, 0/0 - 10 10 10 0.0 0.0 0.0 0.1 0.1 krasΔ, DNAdam, 0/0 - 10 10 10 0.0 0.0 0.0 0.1 0.5 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.1 0.1 0.0 0.0 0.0 0.1 0.1 krasΔ, DNAdam, 0/mk2i - 10 10 10 0.1 0.1 0.0 0.0 0.0 0.1	(10.0, 10.0, 10.0, 0.0 0.0 0.14 (10.0, 10.0, 10.0, 0.1, 1) 	1.0 1.0 1.0 0.15 0.0 0.0 0.0 0.15 (10.0, 10.0, 10.0, 0.1, 10.0) 0.81 0.81 0.81 0.15 0.0 0.0 0.0 0.0 0.18 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1	(10.0, 10.0, 10.0, 10.0, 1, 0.1) 	(10.0, 10.0, 10.0, 10.0, 1, 1) 	(10.0, 10.0, 10.0, 10.0, 1, 10.0)	- 1.0 1.0 1.0 0.11 0.03 0.03 0.03 0.11 (10.0, 10.0, 10.0, 10.0, 0.1) - 0.79 0.79 0.79 0.17 0.0 0.0 0.0 0.26 - 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.24 - 1.0 1.0 1.0 0.1 0.04 0.04 0.04 0.1 - 1.0 1.0 1.0 0.1 0.04 0.04 0.04 0.12 - 1.0 1.0 1.0 0.1 0.05 0.05 0.05 0.11	- 1.0 1.0 1.0 0.12 0.03 0.04 0.12 (10.0, 10.0, 10.0, 10.0, 1) - 0.81 0.81 0.81 0.16 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 0.0 0.04 0.04 0.04 0.09 - 1.0 1.0 1.0 0.1 0.04 0.04 0.05 0.11 - 1.0 1.0 1.0 0.1 0.05 0.05 0.05 0.11	(10.0, 10.0, 10.0, 10.0, 10.0, 10.0) -0.81 0.81 0.81 0.16 0.0 0.0 0.0 0.24 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.25 -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 -1.0 1.0 1.0 0.1 0.05 0.05 0.05 0.1
krasΔ, DNAdam, chek1i/mk2i BRAF DSB SSB CASP3 C	BRAF BRAF BRAF BRAF BRAF BRAF BRAF BRAF	BRAF - MEK - BRAF - BRA	BRAF - MEK - BRAF - BRA	BRAF - MEK -	BRAF BRAF BRAF BRAF BRAF BRAF BRAF BRAF	BRAF BRAF BRAF BRAF BRAF BRAF BRAF BRAF	BRAF BRAF COK1 COK1 CASP3 CASP	BRAF WEK DSB COK1 - COK