(0.1, 0.1, 0.1, 0.1, 0.1)  wt, no DNAdam krasΔ, no DNAdam, 0/0 krasΔ, DNAdam, 0/0 krasΔ, DNAdam, 0/0 krasΔ, DNAdam, chek1i/0 krasΔ, DNAdam, 0/mk2i krasΔ, DNAdam, chek1i/mk2i krasΔ, DNAdam, chek1i/mk2i	- 1.0 1.0 1.0 1.0 0.0 0.0 1.0 1.0 - 1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.56 - 1.0 1.0 1.0 0.58 0.4 0.4 0.42 0.57 - 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 1.0 0.0 0.0 1.0 - 1.0 1.0 0.58 0.39 0.39 0.42 0.57	1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57 - 1.0 1.0 1.0 0.57 0.4 0.4 0.42 0.57 -	(0.1, 0.1, 0.1, 1, 1)  0.81 0.81 0.81 0.86 0.0 0.0 0.0 0.86  10 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.58 0.39 0.39 0.41 0.58  1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57  1.0 1.0 1.0 0.55 0.42 0.42 0.44 0.55  1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.54	(0.1, 0.1, 0.1, 1, 10.0)	(0.1, 0.1, 0.1, 10.0, 0.1)  -0.81 0.81 0.81 0.86 0.0 0.0 0.0 0.86 -1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 -1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57 -1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.55 -1.0 1.0 1.0 0.56 0.42 0.42 0.43 0.56 -1.0 1.0 1.0 0.57 0.39 0.39 0.42 0.57	(0.1, 0.1, 0.1, 10.0, 1)  -0.8 0.8 0.8 0.8 0.86 0.0 0.0 0.0 0.86 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.55 0.42 0.42 0.44 0.55 -1.0 1.0 1.0 0.55 0.41 0.41 0.45 0.55 -1.0 1.0 1.0 0.58 0.39 0.39 0.41 0.58 -1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.55	(0.1, 0.1, 0.1, 10.0, 10.0)  - 0.81 0.81 0.81 0.87 0.0 0.0 0.0 0.87  - 1.0 1.0 1.0 1.0 0.5 0.4 0.4 0.45 0.55  - 1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57  - 1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57  - 1.0 1.0 1.0 0.56 0.41 0.41 0.43 0.56
wt, no DNAdam (0.1, 0.1, 1, 0.1, 0.1)  wt, no DNAdam (0.1, 0.1, 1, 0.1, 0.1)  krasΔ, no DNAdam, 0/0 (1.0 (1.0 (1.0 (1.0 (1.0 (1.0 (1.0 (1.	- 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55 - 1.0 1.0 1.0 0.6 0.37 0.37 0.4 0.59 -	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55 - 1.0 1.0 1.0 0.56 0.41 0.41 0.44 0.56 -	(0.1, 0.1, 1, 1, 1)  0.79 0.79 0.79 0.85 0.00 0.0 0.0 0.85  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 0.57 0.41 0.41 0.43 0.57  1.0 1.0 1.0 0.56 0.41 0.41 0.44 0.56  1.0 1.0 1.0 0.56 0.42 0.42 0.44 0.56  1.0 1.0 1.0 0.54 0.44 0.44 0.46 0.54	(0.1, 0.1, 1, 1, 10.0)	(0.1, 0.1, 1, 10.0, 0.1)  -0.81 0.81 0.81 0.87 0.0 0.0 0.0 0.87 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55 -1.0 1.0 1.0 0.54 0.43 0.43 0.46 0.54 -1.0 1.0 1.0 0.56 0.41 0.41 0.44 0.56 -1.0 1.0 1.0 0.54 0.43 0.43 0.46 0.54	(0.1, 0.1, 1, 10.0, 1)	(0.1, 0.1, 1, 10.0, 10.0)  - 0.81 0.81 0.81 0.86 0.0 0.0 0.0 0.86 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55 - 1.0 1.0 1.0 0.53 0.44 0.44 0.47 0.53 - 1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.55 - 1.0 1.0 1.0 0.54 0.44 0.44 0.46 0.54
(0.1, 0.1, 10.0, 0.1, 0.1)  wt, no DNAdam krasΔ, no DNAdam, 0/0 krasΔ, DNAdam, 0/0 krasΔ, DNAdam, 0/0 krasΔ, DNAdam, chek1i/0 krasΔ, DNAdam, 0/mk2i krasΔ, DNAdam, chek1i/mk2i	1.0 1.0 1.0 1.0 0.0 0.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 0.54 0.43 0.43 0.46 0.54 1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.55 1.0 1.0 1.0 0.54 0.43 0.43 0.46 0.54 1.0 1.0 1.0 0.54 0.43 0.43 0.46 0.54	(0.1, 0.1, 10.0, 1, 1)  0.82 0.82 0.82 0.87 0.0 0.0 0.0 0.87  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.55  1.0 1.0 1.0 0.54 0.44 0.44 0.46 0.54  1.0 1.0 1.0 0.54 0.44 0.44 0.46 0.54	1.0 1.0 1.0 0.54 0.43 0.43 0.46 0.54 1.0 1.0 0.52 0.45 0.45 0.48 0.52	(0.1, 0.1, 10.0, 10.0, 0.1)	(0.1, 0.1, 10.0, 10.0, 1)  0.8 0.8 0.8 0.8 0.86 0.0 0.0 0.0 0.86  1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.56 0.42 0.42 0.44 0.56  1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55  1.0 1.0 1.0 0.53 0.44 0.44 0.47 0.53  1.0 1.0 1.0 0.54 0.43 0.43 0.46 0.54	(0.1, 0.1, 10.0, 10.0, 10.0)  0.8 0.8 0.8 0.8 0.0 0.0 0.0 0.8  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.56 0.41 0.41 0.44 0.56  1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55  1.0 1.0 1.0 0.53 0.44 0.44 0.47 0.53  1.0 1.0 1.0 0.54 0.44 0.44 0.46 0.54
wt, no DNAdam (0.1, 1, 0.1, 0.1, 0.1)  wt, no DNAdam (0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.99 0.00 0.00 0.00 0	- 1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57 - 1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55 -	(0.1, 1, 0.1, 0.1, 10.0)  0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.9 1.0  1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57  1.0 1.0 1.0 0.56 0.41 0.41 0.44 0.56  1.0 1.0 1.0 0.56 0.42 0.42 0.44 0.55  (0.1, 1, 1, 0.1, 10.0)	1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55 - 1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55 -	(0.1, 1, 0.1, 1, 1)  0.8 0.8 0.8 0.99 0.0 0.0 0.0 0.99  1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55  1.0 1.0 1.0 0.55 0.42 0.42 0.45 0.55  1.0 1.0 1.0 0.54 0.44 0.44 0.46 0.54  (0.1, 1, 1, 1, 1)	(0.1, 1, 0.1, 1, 10.0)	(0.1, 1, 0.1, 10.0, 0.1)	(0.1, 1, 0.1, 10.0, 1)	(0.1, 1, 0.1, 10.0, 10.0)  -0.79 0.79 0.79 0.99 0.0 0.0 0.0 0.99  -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  -1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.55  -1.0 1.0 1.0 0.53 0.43 0.43 0.47 0.53  -1.0 1.0 1.0 0.54 0.44 0.46 0.54  -1.0 1.0 1.0 0.52 0.46 0.48 0.52  (0.1, 1, 1, 10.0, 10.0)
wt, no DNAdam - 0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.9 krasΔ, no DNAdam, 0/0 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 krasΔ, DNAdam, 0/0 - 1.0 1.0 1.0 0.54 0.44 0.44 0.46 0.54 krasΔ, DNAdam, chek1i/0 - 1.0 1.0 1.0 0.55 0.43 0.43 0.45 0.55 krasΔ, DNAdam, chek1i/mk2i - 1.0 1.0 0.5 0.5 0.46 0.46 0.5 0.5 (0.1, 1, 10.0, 0.1, 0.1)	- 0.8 0.8 0.8 0.99 0.0 0.0 0.0 0.99 - 1.0 1.0 1.0 1.0 0.53 0.45 0.45 0.47 0.53 - 1.0 1.0 1.0 0.54 0.43 0.43 0.46 0.54 -	0.8 0.8 0.8 0.99 0.0 0.0 0.0 0.99 1.0 1.0 1.0 1.0 0.5 0.42 0.42 0.45 0.55 1.0 1.0 1.0 1.0 0.56 0.42 0.42 0.44 0.56	-0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.99 - 1.0 1.0 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 0.47 0.51 0.53 0.47 - 1.0 1.0 1.0 0.47 0.5 0.5 0.53 0.47 -	0.8 0.8 0.8 0.99 0.0 0.0 0.0 0.99 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	- 0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.9 - 1.0 1.0 1.0 1.0 0.0 0.0 1.0 1.0 - 1.0 1.0 1.0 0.47 0.5 0.5 0.53 0.47 - 1.0 1.0 1.0 0.47 0.49 0.49 0.53 0.47	0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.99 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.46 0.51 0.51 0.54 0.46 1.0 1.0 1.0 0.43 0.54 0.54 0.57 0.43 1.0 1.0 1.0 0.43 0.55 0.55 0.57 0.43 1.0 1.0 1.0 0.39 0.57 0.57 0.61 0.39 (0.1, 1, 10.0, 10.0, 0.1)	0.81 0.81 0.81 0.98 0.0 0.0 0.0 0.98 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.46 0.5 0.5 0.54 0.46 1.0 1.0 1.0 0.43 0.53 0.53 0.57 0.43 1.0 1.0 1.0 0.4 0.57 0.57 0.6 0.4 (0.1, 1, 10.0, 10.0, 1)	0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.99 1.0 1.0 1.0 1.0 0.48 0.5 0.5 0.52 0.48 1.0 1.0 1.0 0.44 0.52 0.52 0.56 0.44 1.0 1.0 1.0 0.42 0.54 0.54 0.58 0.42 1.0 1.0 1.0 0.39 0.58 0.58 0.61 0.39 (0.1, 1, 10.0, 10.0, 10.0, 10.0)
wt, no DNAdam	1.0 1.0 1.0 0.53 0.45 0.47 0.52 1.0 1.0 1.0 0.53 0.44 0.44 0.47 0.53 1.0 1.0 1.0 0.47 0.48 0.48 0.53 0.47 1.0 1.0 1.0 0.47 0.48 0.48 0.53 0.47 1.0 1.0 1.0 0.47 0.48 0.48 0.53 0.47	1.0 1.0 1.0 0.53 0.44 0.44 0.47 0.53 1.0 1.0 1.0 0.52 0.45 0.45 0.48 0.52 1.0 1.0 1.0 0.44 0.52 0.52 0.56 0.44 1.0 1.0 1.0 0.44 0.52 0.52 0.56 0.44 1.0 1.0 1.0 0.44 0.52 0.52 0.56 0.44 1.0 1.0 0.44 0.52 0.52 0.56 0.44 1.0 0.50 0.50 0.50 0.50 0.50 0.50 0.50	1.0 1.0 1.0 0.41 0.55 0.55 0.59 0.41 10 1.0 1.0 1.0 0.43 0.53 0.53 0.57 0.43 1.0 1.0 1.0 0.37 0.59 0.59 0.63 0.37 1.0 1.0 1.0 0.37 0.59 0.59 0.63 0.37 1.0 1.0 0.37 0.59 0.59 0.63 0.37 1.0 1.0 0.37 0.59 0.59 0.63 0.37 1.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.82 0.82 0.82 0.99 0.0 0.0 0.0 0.0 0.99 1.0 1.0 1.0 1.0 1.0 0.45 0.51 0.51 0.55 0.45 1.0 1.0 1.0 0.4 0.56 0.56 0.6 0.4 1.0 1.0 1.0 0.37 0.59 0.59 0.63 0.37 (0.1, 10.0, 0.1, 1, 1)	- 0.8 0.8 0.8 0.98 0.00 0.0 0.0 0.98 1.0 1.0 1.0 1.0 1.0 1.0 0.43 0.53 0.53 0.57 0.43 1.0 1.0 1.0 1.0 0.41 0.56 0.56 0.59 0.4 1.0 1.0 1.0 0.39 0.58 0.58 0.61 0.39 (0.1, 10.0, 0.1, 1, 10.0)	-0.79 0.79 0.79 0.99 0.0 0.0 0.0 0.0 0.99 1.0 1.0 1.0 1.0 1.0 1.0 0.43 0.54 0.54 0.57 0.43 1.0 1.0 1.0 1.0 0.38 0.58 0.58 0.62 0.38 1.0 1.0 1.0 0.39 0.58 0.58 0.61 0.39 1.0 1.0 1.0 0.36 0.6 0.6 0.64 0.36 (0.1, 10.0, 0.1, 10.0, 0.1, 10.0, 0.1)	- 0.8 0.8 0.8 0.8 0.98 0.0 0.0 0.0 0.98 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 0.42 0.55 0.55 0.58 0.42 - 1.0 1.0 1.0 0.39 0.58 0.58 0.61 0.39 - 1.0 1.0 1.0 0.39 0.58 0.58 0.61 0.39 - 1.0 1.0 1.0 0.38 0.58 0.58 0.62 0.38 - (0.1, 10.0, 0.1, 10.0, 1)	0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0
wt, no DNAdam - 0.79 0.79 0.79 0.00 0.0 0.0 0.0 0.0 krasΔ, no DNAdam, 0/0 - 10 10 10 10 0.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 0/0 - 10 10 10 0.0 0.57 0.4 0.4 0.43 0.57 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.53 0.44 0.44 0.46 0.53 krasΔ, DNAdam, 0/mk2i - 10 10 0.54 0.43 0.43 0.46 0.54 krasΔ, DNAdam, chek1i/mk2i - 10 10 0.54 0.44 0.44 0.46 0.53 (0.1, 10.0, 1, 0.1, 0.1) wt, no DNAdam - 0.81 0.81 0.81 0.0 0.0 0.0 0.0 10	- 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.56 0.4 0.4 0.44 0.56 - 1.0 1.0 1.0 0.57 0.4 0.4 0.43 0.57 -	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	0.8   0.8   0.8   1.0   0.0   0.0   0.0   1.0   1.0   1.0   1.0   1.0   0.0   0.0   0.0   1.0   1.0   1.0   1.0   0.52   0.44   0.44   0.48   0.52   1.0   1.0   1.0   0.52   0.45   0.45   0.48   0.52   1.0   1.0   1.0   0.54   0.43   0.43   0.46   0.54   1.0   1.0   1.0   0.5   0.46   0.46   0.49   0.5   0.46   0.47   0.5   0.48   0.52   0.54   0.54   0.55   0.45   0.45   0.45   0.45   0.55   0.45   0.45   0.45   0.45   0.55   0.45   0.45   0.45   0.55   0.45   0.45   0.45   0.55   0.45   0.45   0.45   0.45   0.55   0.4	-0.79 0.79 0.79 0.00 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.	- 0.8 0.8 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	- 0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.	0.81 0.81 0.81 1.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.
krasΔ, no ĎNAdam, 0/0 - 10 10 10 10 00 00 00 10 krasΔ, DNAdam, 0/0 - 10 10 10 0.54 0.43 0.43 0.46 0.54 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.52 0.46 0.46 0.48 0.52 krasΔ, DNAdam, 0/mk2i - 10 10 10 0.51 0.51 0.46 0.46 0.49 0.51 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.45 0.51 0.55 0.45 (0.1, 10.0, 10.0, 0.1, 0.1) wt, no DNAdam - 0.8 0.8 0.8 0.8 10 00 00 00 10	(0.1, 10.0, 10.0, 0.1, 1)		1.0 1.0 1.0 0.36 0.6 0.6 0.64 0.36	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	- 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0
krasΔ, no DNAdam, 0/0 - 10 10 10 10 00 00 00 00 10 krasΔ, DNAdam, 0/0 - 10 10 10 0.52 0.45 0.48 0.52 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.5 0.47 0.47 0.5 0.5 krasΔ, DNAdam, 0/mk2i - 10 10 10 0.48 0.48 0.48 0.52 0.48 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.39 0.58 0.58 0.61 0.39 (1, 0.1, 0.1, 0.1, 0.1)  wt, no DNAdam - 10 0.79 0.79 0.85 0.00 0.00 0.0 0.85 krasΔ, no DNAdam, 0/0 - 10 10 10 10 0.0 0.0 0.0 0.0	1.0 1.0 1.0 0.47 0.5 0.5 0.53 0.47 1.0 1.0 1.0 0.48 0.49 0.49 0.52 0.48 1.0 1.0 1.0 0.38 0.58 0.58 0.62 0.38 1.0 1.0 1.0 0.1, 0.1, 0.1, 0.1	(1, 0.1, 0.1, 0.1, 10.0)	1.0 1.0 1.0 0.3 0.67 0.67 0.7 0.3 1.0 1.0 1.0 1.0 0.3 0.66 0.66 0.7 0.3 1.0 1.0 1.0 0.26 0.69 0.69 0.74 0.26 1.0 1.0 1.0 1.0 0.26 0.69 0.69 0.74 0.26	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	-1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	-1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 1.0 0.32 0.65 0.65 0.68 0.32 -1.0 1.0 1.0 0.26 0.71 0.71 0.74 0.26 -1.0 1.0 1.0 0.24 0.71 0.71 0.76 0.24 (1, 0.1, 0.1, 0.1, 10.0, 10.0) -1.0 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.87 -1.0 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0
krasΔ, DNAdam, 0/0 - 10 10 10 0.72 0.22 0.22 0.28 0.71 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.73 0.21 0.21 0.27 0.72 krasΔ, DNAdam, 0/mk2i - 10 10 10 0.7 0.22 0.22 0.29 0.7 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.73 0.21 0.21 0.27 0.72 (1, 0.1, 1, 0.1, 0.1)  wt, no DNAdam - 10 10 10 10 10 10 0.0 0.0 0.0 0.0 0.0 krasΔ, no DNAdam, 0/0 - 10 10 10 10 0.0 0.0 0.0 0.0 10	1.0 1.0 1.0 0.72 0.2 0.2 0.28 0.72	1.0 1.0 1.0 0.73 0.2 0.2 0.27 0.72 1.0 1.0 1.0 0.73 0.21 0.21 0.27 0.73 1.0 1.0 0.73 0.21 0.21 0.27 0.73 1.0 1.0 0.1, 1, 0.1, 10.0)		1.0 1.0 1.0 0.72 0.21 0.21 0.27 0.72 1.0 1.0 1.0 0.72 0.22 0.22 0.27 0.72 1.0 1.0 1.0 0.74 0.2 0.2 0.2 0.26 0.74 1.0 1.0 1.0 0.74 0.2 0.2 0.2 0.26 0.74 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 0.72 0.22 0.22 0.28 0.72 1.0 1.0 1.0 0.73 0.2 0.2 0.27 0.73 1.0 1.0 1.0 0.73 0.21 0.21 0.27 0.73 1.0 1.0 1.0 0.72 0.21 0.21 0.27 0.72 (1, 0.1, 1, 1, 10.0) 1.0 0.79 0.79 0.85 0.0 0.0 0.0 0.85 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0	1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 1.0 1.0 1.0 0.73 0.21 0.21 0.27 0.73 1.0 1.0 1.0 0.73 0.21 0.21 0.27 0.73 1.0 1.0 1.0 0.73 0.21 0.21 0.27 0.73 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	- 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 - 1.0 1.0 1.0 0.74 0.21 0.21 0.26 0.74 - 1.0 1.0 1.0 0.72 0.2 0.2 0.27 0.72 - 1.0 1.0 1.0 0.72 0.21 0.21 0.28 0.72 (1, 0.1, 1, 10.0, 1) - 0.8 0.8 0.8 0.8 0.85 0.0 0.0 0.0 0.85 - 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0	1.0 1.0 1.0 0.74 0.19 0.19 0.26 0.74 1.0 1.0 1.0 0.73 0.21 0.21 0.27 0.73 1.0 1.0 1.0 0.73 0.22 0.22 0.28 0.72 1.0 1.0 1.0 0.73 0.22 0.22 0.27 0.73  (1, 0.1, 1, 10.0, 10.0)  -0.81 0.81 0.81 0.87 0.0 0.0 0.0 0.87 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0
krasΔ, DNAdam, 0/0 - 1.0 1.0 1.0 0.71 0.23 0.29 0.71 krasΔ, DNAdam, chek1i/0 - 1.0 1.0 1.0 0.72 0.22 0.28 0.72 krasΔ, DNAdam, 0/mk2i - 1.0 1.0 1.0 0.74 0.2 0.2 0.26 0.74 krasΔ, DNAdam, chek1i/mk2i - 1.0 1.0 1.0 0.71 0.21 0.21 0.29 0.71 (1, 0.1, 10.0, 0.1, 0.1) wt, no DNAdam - 0.8 0.8 0.8 0.8 0.8 0.0 0.0 0.0 0.86 krasΔ, no DNAdam, 0/0 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0	(1, 0.1, 10.0, 0.1, 1) - 0.81 0.81 0.81 0.87 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 1.0	1.0 1.0 1.0 0.72 0.21 0.21 0.28 0.72 1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71 1.0 (1, 0.1, 10.0, 1, 0.1)  0.82 0.82 0.82 0.88 0.0 0.0 0.0 0.88 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0	1.0 1.0 1.0 0.75 0.2 0.2 0.25 0.75 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71 1.0 1.0 1.0 0.71 0.23 0.23 0.29 0.71 1.1 0.1 0.1 0.71 0.71 0.71 0.71 0.	- 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 - 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 - 1.0 1.0 1.0 0.72 0.23 0.23 0.28 0.72 - 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 - 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 - (1, 0.1, 10.0, 1, 10.0) - 0.81 0.81 0.81 0.87 0.0 0.0 0.0 0.87 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0	- 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 - 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 - 1.0 1.0 1.0 0.7 0.21 0.21 0.29 0.71 - 1.0 1.0 1.0 0.7 0.24 0.24 0.3 0.7 (1, 0.1, 10.0, 10.0, 0.1) - 0.82 0.82 0.82 0.87 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	- 1.0 1.0 1.0 0.7 0.22 0.22 0.3 0.7 - 1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71 - 1.0 1.0 1.0 0.72 0.22 0.22 0.22 0.22 0.72 - 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 - 1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 - 1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 - 1.0 1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 - 1.0 1.0 1.0 1.0 1.0 0.7 0.0 0.0 0.0 0.87 - 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 1.0 0.73 0.21 0.21 0.27 0.73 - 1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71 - 1.0 1.0 1.0 1.0 0.71 0.23 0.23 0.29 0.71 - 1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.23 0.3 0.7
krasΔ, DNAdam, 0/0	- 1.0 1.0 1.0 0.72 0.21 0.21 0.28 0.72 - 1.0 1.0 1.0 0.73 0.2 0.2 0.27 0.73 - 1.0 1.0 1.0 0.73 0.2 0.2 0.27 0.73 - 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.98 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1.0	1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 1.0 1.0 1.0 1.0 0.7 0.22 0.22 0.22 0.28 0.72 1.0 1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	(1, 1, 0.1, 1, 1)  0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 0.7 0.24 0.24 0.3 0.7	-1.0 1.0 1.0 0.72 0.21 0.21 0.28 0.72 -1.0 1.0 1.0 0.7 0.24 0.24 0.3 0.7 -1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71 -1.0 1.0 1.0 0.69 0.23 0.23 0.31 0.69 (1, 1, 0.1, 1, 10.0) -0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.99 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71	-1.0 1.0 1.0 0.71 0.23 0.23 0.29 0.71 -1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 0.68 0.25 0.25 0.32 0.68 (1, 1, 0.1, 10.0, 0.1)	-1.0 1.0 1.0 0.71 0.23 0.23 0.29 0.71 -1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 0.7 0.22 0.22 0.22 0.28 0.72 -1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71 (1, 1, 0.1, 10.0, 1) -1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.29 0.71	-1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 -1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.9 -1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 1.0 0.7 0.21 0.21 0.27 0.73
krasΔ, DNAdam, chek1i/0 - 10 10 10 0.72 0.22 0.22 0.28 0.72 krasΔ, DNAdam, 0/mk2i - 10 10 10 0.73 0.21 0.21 0.27 0.73 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.73 0.22 0.22 0.27 0.72 (1, 1, 1, 0.1, 0.1)  wt, no DNAdam - 0.82 0.82 0.82 0.99 0.0 0.0 0.0 0.99 krasΔ, no DNAdam, 0/0 - 10 1.0 1.0 1.0 0.72 0.22 0.22 0.23 0.72 0.72 0.72 0.73 0.73 0.73 0.73 0.73 0.73 0.73 0.73	1.0 1.0 1.0 0.72 0.2 0.2 0.28 0.72 - 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 - 1.0 1.0 1.0 0.72 0.21 0.21 0.27 0.72 - 1.0 1.0 1.0 1.0 0.72 0.21 0.21 0.27 0.72 - 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 0.72 0.22 0.22 0.28 0.72 1.0 1.0 1.0 0.73 0.22 0.22 0.27 0.73 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 1.0 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 1.0 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 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 0.71 0.23 0.23 0.29 0.71 1.0 1.0 1.0 0.69 0.24 0.24 0.31 0.69 1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72 1.0 1.1 1.1 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 0.72 0.21 0.21 0.28 0.72  1.0 1.0 1.0 0.72 0.22 0.22 0.28 0.72  1.0 1.0 1.0 0.71 0.22 0.22 0.29 0.71  (1, 1, 1, 1, 1)  1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.99  1.0 1.0 1.0 0.66 0.26 0.26 0.34 0.66	(1, 1, 1, 1, 10.0)	1.0 1.0 1.0 0.71 0.23 0.23 0.29 0.71 1.0 1.0 1.0 0.7 0.23 0.23 0.3 0.7 1.0 1.0 1.0 0.7 0.23 0.23 0.29 0.71 (1, 1, 1, 10.0, 0.1)	(1, 1, 1, 10.0, 1)	-1.0 1.0 1.0 0.7 0.22 0.22 0.3 0.7 -1.0 1.0 1.0 0.7 0.23 0.23 0.29 0.71 -1.0 1.0 1.0 0.7 0.23 0.23 0.29 0.71 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.99 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
krasΔ, DNAdam, chek1i/0 - 100 100 0.73 0.21 0.21 0.27 0.73 krasΔ, DNAdam, 0/mk2i - 100 100 0.72 0.22 0.22 0.28 0.72 krasΔ, DNAdam, chek1i/mk2i - 100 100 0.72 0.22 0.22 0.28 0.72 (1, 1, 10.0, 0.1, 0.1)  wt, no DNAdam - 0.82 0.82 0.82 0.99 0.00 0.00 0.00 0.00 krasΔ, no DNAdam, 0/0 - 100 1.00 1.00 0.00 0.00 0.00 krasΔ, DNAdam, 0/0 - 100 1.00 0.00 0.00 0.00 krasΔ, DNAdam, chek1i/0 - 100 1.00 0.07 0.23 0.23 0.31 0.69 krasΔ, DNAdam, chek1i/0 - 100 1.00 0.07 0.23 0.23 0.30 0.7	(1, 1, 10.0, 0.1, 1)  (1, 1, 10.0, 0.1, 1)  0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.9 - 1.0 1.0 1.0 0.1 0.2 0.2 0.2 0.7 - 1.0 1.0 1.0 0.7 0.2 0.2 0.2 0.7 -	(1, 1, 10.0, 0.1, 10.0)	1.0 1.0 1.0 0.68 0.25 0.25 0.32 0.68 1.0 1.0 1.0 0.66 0.27 0.27 0.34 0.66 1.0 1.0 1.0 0.66 0.26 0.26 0.34 0.66 1.0 1.0 1.0 0.66 0.26 0.26 0.34 0.66 1.0 1.0 1.0 1.0 0.6 0.26 0.26 0.34 0.66 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.98 1.0 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1	(1, 1, 10.0, 1, 0) 0.64 0.26 0.26 0.34 0.66 1.0 1.0 1.0 0.66 0.26 0.26 0.34 0.66 1.0 1.0 1.0 0.64 0.28 0.28 0.36 0.64 1.0 1.0 1.0 0.64 0.28 0.28 0.36 0.64 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 0.66 0.26 0.26 0.34 0.66 1.0 1.0 1.0 0.66 0.27 0.27 0.34 0.66 1.0 1.0 1.0 0.64 0.27 0.27 0.36 0.64 (1, 1, 10.0, 1, 10.0) 1.0 0.64 0.27 0.00 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.	1.0 1.0 1.0 0.66 0.27 0.27 0.34 0.66 1.0 1.0 1.0 0.64 0.29 0.29 0.36 0.64 1.0 1.0 1.0 0.61 0.31 0.31 0.39 0.61 (1, 1, 10.0, 10.0, 0.1) (1, 1, 10.0, 10.0, 0.0) 0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	1.0 1.0 1.0 0.63 0.29 0.29 0.37 0.63 1.0 1.0 1.0 0.62 0.31 0.31 0.38 0.62 1.0 1.0 1.0 0.62 0.29 0.29 0.38 0.62 (1, 1, 10.0, 10.0, 1) 1.0 0.62 0.29 0.29 0.38 0.62 (1, 1, 10.0, 10.0, 1) 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 1.0 0.62 0.31 0.31 0.38 0.62 1.0 1.0 1.0 0.62 0.3 0.3 0.38 0.62 1.0 1.0 1.0 0.61 0.31 0.31 0.39 0.61 (1, 1, 10.0, 10.0, 10.0) 
krasΔ, DNAdam, 0/mk2i - 10 10 10 0.7 0.23 0.23 0.3 0.7 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.68 0.24 0.24 0.32 0.68 (1, 10.0, 0.1, 0.1, 0.1)  wt, no DNAdam - 0.8 0.8 0.8 0.0 0.0 0.0 0.0 0.0 krasΔ, no DNAdam, 0/0 - 10 10 10 10 0.71 0.23 0.23 0.29 0.7 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.73 0.22 0.22 0.27 0.73	- 1.0	1.0 1.0 1.0 0.72 0.23 0.23 0.28 0.71 1.0 1.0 1.0 0.71 0.21 0.21 0.29 0.71 1.0 1.0 0.71 0.1, 0.1, 10.0)	(1, 10.0, 0.1, 1, 0.1)  (1, 10.0, 0.1, 1, 0.1)  0.8 0.8 0.8 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0	(1, 10.0, 0.1, 1, 1)	(1, 10.0, 0.1, 1, 10.0) -1.0 1.0 1.0 1.0 0.61 0.3 0.3 0.39 0.61 (1, 10.0, 0.1, 1, 10.0) -0.81 0.81 0.81 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 0.71 0.22 0.22 0.29 0.71 -1.0 1.0 1.0 0.68 0.24 0.24 0.32 0.68	(1, 10.0, 0.1, 10.0, 0.1)	(1, 10.0, 0.1, 10.0, 1) -1.0 1.0 1.0 0.57 0.34 0.34 0.43 0.57 (1, 10.0, 0.1, 10.0, 1) -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.7 0.22 0.22 0.3 0.7 -1.0 1.0 1.0 0.7 0.24 0.24 0.3 0.7	(1, 10.0, 0.1, 10.0, 10.0) -1.0 1.0 1.0 0.6 0.33 0.33 0.4 0.6 -1.0 1.0 1.0 0.56 0.36 0.36 0.44 0.56 (1, 10.0, 0.1, 10.0, 10.0) -0.82 0.82 0.82 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 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 0.0 0.0 0.0 0.0 0.0 0.0
krasΔ, DNAdam, 0/mk2i - 10 10 10 0.73 0.21 0.21 0.27 0.73 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.72 0.21 0.21 0.28 0.72 (1, 10.0, 1, 0.1, 0.1)  wt, no DNAdam - 0.8 0.8 0.8 0.0 0.0 0.0 0.0 0.0 krasΔ, no DNAdam, 0/0 - 10 10 10 10 0.71 0.23 0.23 0.29 0.71 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.69 0.23 0.23 0.31 0.69	(1, 10.0, 1, 0.1, 1) (1, 10.0, 1, 0.1, 1) 	1.0     1.0     1.0     1.0     0.0     0.0     1.0     1.0       1.0     1.0     1.0     0.7     0.23     0.23     0.3     0.7       1.0     1.0     0.7     0.22     0.22     0.3     0.7	(1, 10.0, 1, 1, 0.1) (1, 10.0, 1, 1, 0.1) (1, 10.0, 1, 1, 0.1) 0.8 0.8 0.8 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.62 0.28 0.28 0.38 0.62 1.0 1.0 1.0 0.62 0.3 0.3 0.38 0.62	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.63 0.28 0.28 0.37 0.63 1.0 1.0 1.0 0.6 0.31 0.31 0.4 0.6		- 1.0 1.0 1.0 1.0 0.0 0.0 1.0 1.0 - 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	- 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 1.0 0.57 0.35 0.35 0.43 0.57 1.0 1.0 1.0 0.57 0.34 0.34 0.43 0.57	1.0 1.0 1.0 0.69 0.24 0.24 0.31 0.69 1.0 1.0 1.0 0.67 0.25 0.25 0.33 0.67 (1, 10.0, 1, 10.0, 10.0) 
krasΔ, DNAdam, 0/mk2i - 10 10 10 0.71 0.22 0.22 0.29 0.71 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.7 0.22 0.22 0.3 0.7 (1, 10.0, 10.0, 0.1, 0.1)  wt, no DNAdam - 0.82 0.82 0.82 0.0 0.0 0.0 0.0 0.0 krasΔ, no DNAdam, 0/0 - 10 1.0 1.0 1.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 0/0 - 10 1.0 1.0 0.68 0.24 0.24 0.32 0.68 krasΔ, DNAdam, chek1i/0 - 10 1.0 0.69 0.24 0.26 0.33 0.67 krasΔ, DNAdam, 0/mk2i - 10 1.0 0.69 0.24 0.24 0.31 0.69	(1, 10.0, 10.0, 0.1, 1) (1, 10.0, 10.0, 0.1, 1) -0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 1.0 0.69 0.23 0.23 0.31 0.69 -1.0 1.0 1.0 0.67 0.25 0.25 0.33 0.67 -1.0 1.0 1.0 0.67 0.25 0.25 0.33 0.67	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0	(1, 10.0, 10.0 0.0 0.0 0.0 1.0 0.0 1.0 1.0 1.0 1.	(1, 10.0, 10	(1, 10.0, 1.0 0.6 0.31 0.31 0.4 0.6 1.0 1.0 1.0 1.0 1.0 0.6 0.3 0.3 0.4 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	(1, 10.0, 10.0, 10.0, 10.0, 0.1)	(1, 10.0, 1.0 0.55 0.35 0.35 0.45 0.55 0.05 0.35 0.35 0.45 0.55 0.35 0.35 0.45 0.55 0.35 0.35 0.45 0.55 0.35 0.35 0.45 0.55 0.35 0.35 0.45 0.55 0.35 0.35 0.45 0.55 0.35 0.35 0.45 0.55 0.35 0.45 0.35 0.45 0.35 0.45 0.35 0.45 0.35 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.4	-1.0 1.0 1.0 1.0 0.53 0.38 0.38 0.47 0.53 -1.0 1.0 1.0 0.55 0.36 0.36 0.46 0.55 (1, 10.0, 10.0, 10.0, 10.0) -0.81 0.81 0.81 0.0 0.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 1.0 0.5 0.42 0.42 0.5 0.5 -1.0 1.0 1.0 0.49 0.41 0.41 0.51 0.49 -1.0 1.0 1.0 1.0 0.47 0.43 0.43 0.53 0.47
krasΔ, DNAdam, chek1i/mk2i - 10 10 10 069 0.25 0.25 0.31 0.69 (10.0, 0.1, 0.1, 0.1, 0.1)  wt, no DNAdam	(10.0, 0.1, 0.1, 0.1, 1)  (10.0, 0.1, 0.1, 0.1, 1)  0.81 0.81 0.87 0.0 0.0 0.0 0.87  1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83  1.0 1.0 1.0 0.85 0.13 0.13 0.15 0.85  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.83	1.0     1.0     1.0     0.0     0.0     1.0     1.0       1.0     1.0     1.0     0.3     0.15     0.15     0.16     0.83       1.0     1.0     1.0     0.84     0.15     0.15     0.16     0.83       1.0     1.0     1.0     0.83     0.16     0.16     0.17     0.82	(10.0, 0.1, 0.1, 1, 0.1) (10.0, 0.1, 0.1, 1, 0.1) 0.79 0.79 0.79 0.86 0.0 0.0 0.0 0.66 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 1.0 1.0 1.0 0.84 0.14 0.14 0.16 0.84 1.0 1.0 1.0 0.84 0.14 0.14 0.16 0.84	(10.0, 0.1, 0.1, 1, 1)  0.8 0.8 0.8 0.8 0.87 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82  1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82	(10.0, 0.1, 0.1, 1, 10.0)  -0.78 0.78 0.78 0.84 0.0 0.0 0.0 0.0  -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  -1.0 1.0 1.0 0.84 0.14 0.14 0.16 0.84  -1.0 1.0 1.0 0.85 0.13 0.13 0.15 0.85  -1.0 1.0 1.0 0.86 0.14 0.14 0.14 0.86	(10.0, 0.1, 0.1, 10.0, 0.1)  (10.0, 0.1, 0.1, 10.0, 0.1)  0.81 0.81 0.81 0.88 0.0 0.0 0.0 0.88  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.85 0.14 0.14 0.15 0.85  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83	(10.0, 0.1, 0.1, 10.0, 1)  (10.0, 0.1, 0.1, 10.0, 1)  0.81 0.81 0.81 0.87 0.0 0.0 0.0 0.87  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.84 0.14 0.14 0.16 0.84  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 0.84 0.14 0.14 0.16 0.84	(10.0, 0.1, 0.1, 10.0, 10.0)  -0.79 0.79 0.79 0.85 0.0 0.0 0.0 1.0  -1.0 1.0 1.0 0.85 0.1 0.1 0.1 0.85  -1.0 1.0 1.0 0.85 0.1 0.1 0.1 0.85  -1.0 1.0 1.0 0.85 0.1 0.1 0.1 0.85  -1.0 1.0 1.0 0.85 0.1 0.1 0.1 0.85  -1.0 1.0 1.0 0.83 0.1 0.1 0.1 0.84  -1.0 1.0 1.0 0.83 0.1 0.1 0.1 0.83
krasΔ, DNAdam, chek1i/mk2i - 10 10 10 084 014 014 016 083 (10.0, 0.1, 1, 0.1, 0.1)  wt, no DNAdam	(10.0, 0.1, 1, 0.1, 1)  - 0.8 0.8 0.8 0.8 0.8 0.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 0.8 0.15 0.15 0.17 0.83 - 1.0 1.0 1.0 0.8 0.16 0.16 0.18 0.82 - 1.0 1.0 1.0 0.8 0.16 0.16 0.18 0.82 - 1.0 1.0 1.0 0.8 0.16 0.16 0.17 0.83 - 1.0 1.0 1.0 0.8 0.16 0.16 0.17 0.8 1 - 1.0 1.0 1.0 0.8 0.8 0.16 0.16 0.16 0.17 0.8 1 - 1.0 1.0 1.0 0.8 0.8 0.16 0.16 0.16 0.18 0.8 2 - 1.0 1.0 0.8 0.8 0.16 0.16 0.16 0.18 0.8 2 - 1.0 1.0 0.8 0.8 0.16 0.16 0.16 0.8 4 - 1.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83 (10.0, 0.1, 1, 0.1, 10.0)  0.79 0.79 0.79 0.86 0.0 0.0 0.0 0.66 (10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(10.0, 0.1, 1, 1, 0.1)  (10.0, 0.1, 1, 1, 0.1)  (10.0, 0.1, 1, 1, 0.1)  (10.0, 0.1, 1, 1, 0.1)  (10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,	(10.0, 0.1, 1, 1, 1)  (10.0, 0.1, 1, 1, 1)  (10.0, 0.1, 1, 1, 1)  (10.0, 0.1, 1, 1, 1)  (10.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,	(10.0, 0.1, 1, 1, 10.0)	(10.0, 0.1, 1, 10.0, 0.1)	(10.0, 0.1, 1, 10.0, 1)  (10.0, 0.1, 1, 10.0, 1)  (10.10, 1.0, 1.0, 1.0, 1.0, 1.0, 1.0, 1.0	(10.0, 0.1, 1, 10.0, 10.0)  -0.81 0.81 0.81 0.87 0.0 0.0 0.0 0.87 -1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 -1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83 -1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83 -1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83 -1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82
(10.0, 0.1, 10.0, 0.1, 0.1)  wt, no DNAdam	(10.0, 0.1, 10.0, 0.1, 1)  - 0.8	(10.0, 0.1, 10.0, 0.1, 10.0)  0.81 0.81 0.81 0.86 0.0 0.0 0.0 0.86  1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83  1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83	(10.0, 0.1, 10.0, 1, 0.1)	(10.0, 0.1, 10.0, 1, 1)  0.81 0.81 0.81 0.87 0.0 0.0 0.0 0.87  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83  1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81  1.0 1.0 1.0 0.84 0.14 0.14 0.16 0.84  1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82	(10.0, 0.1, 10.0, 1, 10.0)  -0.82 0.82 0.82 0.88 0.0 0.0 0.0 0.88 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82 -1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 -1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 -1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83	(10.0, 0.1, 10.0, 10.0, 0.1)  -0.8 0.8 0.8 0.8 0.0 0.0 0.0 0.0 0.86 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81 -1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81 -1.0 1.0 1.0 0.81 0.18 0.18 0.19 0.81 -1.0 1.0 1.0 0.81 0.18 0.18 0.19 0.81 -1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82	(10.0, 0.1, 10.0, 10.0, 1)  -0.79 0.79 0.79 0.86 00 0.0 0.0 0.86 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 -1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 -1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 -1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83	(10.0, 0.1, 10.0, 10.0, 10.0)  -0.82 0.82 0.82 0.87 0.0 0.0 0.0 0.87 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81 -1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 -1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82
wt, no DNAdam (10.0, 1, 0.1, 0.1, 0.1)  wt, no DNAdam (10.0, 1, 0.1, 0.1, 0.1)  krasΔ, no DNAdam, 0/0 (10.0, 10.0	(10.0, 1, 0.1, 0.1, 1)  - 0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.9 - 1.0 1.0 1.0 1.0 0.0 0.0 1.0 1.0 1.0 1.0	(10.0, 1, 0.1, 0.1, 10.0)  0.81 0.81 0.81 0.95 0.0 0.0 0.0 0.95  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84	(10.0, 1, 0.1, 1, 0.1)  0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.9   1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0   1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83   1.0 1.0 1.0 0.84 0.14 0.14 0.16 0.84   1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82   1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84	(10.0, 1, 0.1, 1, 1)  0.8 0.8 0.8 0.99 0.0 0.0 0.0 0.99  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82  1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82  1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82	(10.0, 1, 0.1, 1, 10.0)	(10.0, 1, 0.1, 10.0, 0.1)	(10.0, 1, 0.1, 10.0, 1)  0.8 0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.9 1.0 1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82 1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82	(10.0, 1, 0.1, 10.0, 10.0)
wt, no DNAdam - 0.79 0.79 0.79 0.99 0.0 0.0 0.0 0.99 krasΔ, no DNAdam, 0/0 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 krasΔ, DNAdam, 0/0 - 1.0 1.0 1.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1	1.0   1.0   1.0   1.0   0.0   0.0   1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	1.0         1.0         1.0         0.0         0.0         0.0         1.0         1.0         1.0         1.0         1.0         1.0         0.1 <td>(10.0, 1, 1, 1, 1) </td> <td>(10.0, 1, 1, 1, 10.0) </td> <td>  1.0   1.0   1.0   1.0   0.0   0.0   0.0   1.0   1.0   1.0   1.0   0.7   0.2   0.2   0.2   0.7   0.0   1.0   0.0</td> <td>(10.0, 1, 1, 10.0, 1)  -0.79 0.79 0.79 0.98 0.0 0.0 0.0 0.0 0.98 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.76 0.22 0.22 0.24 0.76 -1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77 -1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77 -1.0 1.0 1.0 0.75 0.24 0.24 0.25 0.75</td> <td>(10.0, 1, 1, 10.0, 10.0) </td>	(10.0, 1, 1, 1, 1)	(10.0, 1, 1, 1, 10.0)	1.0   1.0   1.0   1.0   0.0   0.0   0.0   1.0   1.0   1.0   1.0   0.7   0.2   0.2   0.2   0.7   0.0   1.0   0.0	(10.0, 1, 1, 10.0, 1)  -0.79 0.79 0.79 0.98 0.0 0.0 0.0 0.0 0.98 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.76 0.22 0.22 0.24 0.76 -1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77 -1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77 -1.0 1.0 1.0 0.75 0.24 0.24 0.25 0.75	(10.0, 1, 1, 10.0, 10.0)
wt, no DNAdam (10.0, 1, 10.0, 0.1, 0.1)  wt, no DNAdam, 0/0 (10.0, 10.0) (10.0, 10.0) (10.0, 10.0) (10.0, 10.0) (10.0, 10.0) (10.0, 10.0) (10.0, 10.0) (10.0, 10.0) (10.0, 10.0) (10.0, 10.0, 0.1, 0.1)  krasΔ, DNAdam, chek1i/0 (10.0, 10.0, 0.1, 0.1, 0.1)  krasΔ, DNAdam, chek1i/mk2i (10.0, 10.0, 0.1, 0.1, 0.1)	1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82	(10.0, 1, 10.0, 0.1, 10.0)  0.8 0.8 0.8 0.9 0.0 0.0 0.0 0.9 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0	1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77	(10.0, 1, 10.0, 1, 1)  0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.99  1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0  1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77  1.0 1.0 1.0 0.76 0.23 0.23 0.24 0.76  1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77  (10.0, 10.0, 0.7, 0.21 0.21 0.23 0.77	(10.0, 1, 10.0, 1, 10.0)  -0.81 0.81 0.81 0.99 0.0 0.0 0.0 0.99 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.77 0.21 0.21 0.23 0.77 -1.0 1.0 1.0 0.74 0.24 0.24 0.26 0.74 -1.0 1.0 1.0 0.76 0.21 0.21 0.22 0.78  (10.0, 10.0, 0.1, 1, 10.0)	(10.0, 1, 10.0, 10.0, 0.1)	(10.0, 1, 10.0, 10.0, 1)	(10.0, 1, 10.0, 10.0, 10.0)  -0.82 0.82 0.82 0.99 0.0 0.0 0.0 0.99 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.73 0.25 0.25 0.27 0.73 -1.0 1.0 1.0 0.73 0.26 0.26 0.27 0.73 -1.0 1.0 1.0 0.73 0.26 0.26 0.27 0.73 -1.0 1.0 1.0 0.73 0.26 0.26 0.27 0.73 -1.0 1.0 1.0 0.73 0.26 0.26 0.27 0.73 -1.0 1.0 1.0 0.71 0.72 0.73 0.73 -1.0 1.0 0.71 0.72 0.73 0.73
wt, no DNAdam - 0.81 0.81 0.0 0.0 0.0 0.0 0.0 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 0.83 0.15 0.15 0.17 0.83 krasΔ, DNAdam, chek1i/0 - 10 10 10 0.84 0.14 0.14 0.16 0.84 krasΔ, DNAdam, chek1i/mk2i - 10 10 10 0.84 0.14 0.14 0.16 0.84 krasΔ, DNAdam, chek1i/mk2i - 10 10 0.84 0.14 0.14 0.16 0.84 (10.0, 10.0, 1, 0.1, 0.1)	- 0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 1.0 1.0	0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.	0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 - 1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84 - 1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 - 1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 - 1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 - 1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 - (10.0, 10.0, 10.0, 1, 1, 0.1)	10.0, 10.0, 0.1, 1, 1)  0.79 0.79 0.79 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82  1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82  1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82  1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81  (10.0, 10.0, 1, 1, 1)	(10.0, 10.0, 0.1, 1, 10.0)  -0.82 0.82 0.82 0.0 0.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.83 0.15 0.15 0.17 0.83 -1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81 -1.0 1.0 1.0 0.84 0.15 0.15 0.16 0.84  (10.0, 10.0, 1, 1, 1, 10.0)	10.0, 10.0, 0.1, 10.0, 0.1)  0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0  1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81  1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81  1.0 1.0 1.0 0.81 0.17 0.17 0.19 0.81  1.0 1.0 1.0 0.81 0.18 0.18 0.19 0.81  (10.0, 10.0, 1, 10.0, 0.1)	(10.0, 10.0, 0.1, 10.0, 1)  -0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82 -1.0 1.0 1.0 0.82 0.16 0.16 0.18 0.82	10.0, 10.0, 0.1, 10.0, 10.0)  -0.8 0.8 0.8 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 1.0 0.0 0.0 0.0 1.0 -1.0 1.0 1.0 0.8 0.18 0.18 0.2 0.8 -1.0 1.0 1.0 0.8 0.18 0.17 0.17 0.19 0.81 -1.0 1.0 1.0 0.8 0.16 0.16 0.17 0.83 -1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82  (10.0, 10.0, 1, 10.0, 10.0)
wt, no DNAdam	0.8 0.8 0.8 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0		0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.	0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.	1.0 1.0 1.0 0.76 0.22 0.22 0.24 0.76 1.0 1.0 1.0 1.0 1.0 1.0 0.74 0.24 0.26 0.74 (10.0, 10.0, 10.0, 10.0) 1.0 1.0 1.0 1.0 1.0 0.76 0.22 0.22 0.24 0.76 1.0 1.0 1.0 1.0 0.74 0.24 0.26 0.74 (10.0, 10.0	0.8 0.8 0.8 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.	- 0.8 0.8 0.8 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0
wt, no DNAdam, 0/0 10 10 10 00 00 00 10 krasΔ, no DNAdam, 0/0 10 10 10 10 00 00 00 10 krasΔ, DNAdam, 0/0 10 10 10 10 00 00 00 00 10 krasΔ, DNAdam, chek1i/0 10 10 10 00 00 01 01 01 01 01 01 01 01	1.0 1.0 1.0 0.83 0.16 0.16 0.17 0.83 - 1.0 1.0 1.0 0.81 0.18 0.18 0.19 0.81 - 1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82 - 1.0 1.0 1.0 0.82 0.17 0.17 0.18 0.82	WARP COLOR OF COLOR O	1.0 1.0 1.0 0.72 0.26 0.26 0.28 0.72 - 1.0 1.0 1.0 0.72 0.26 0.26 0.26 0.28 0.72 - 1.0 1.0 1.0 0.72 0.26 0.26 0.26 0.28 0.72 - 1.0 1.0 1.0 0.72 0.26 0.26 0.26 0.28 0.72 - 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 10 00 0.0 0.0 10 10 10 10 1.0 1.0 1.0 1	-0.81 0.81 0.81 1.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.	-0.81 0.81 0.81 1.0 00 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	HARMAN AND CONTRACT OF THE PROPERTY OF THE PRO	UO 1.0 1.0 0.64 0.33 0.33 0.36 0.64
BRAF MEK p38 CDK1 ATM_ATR DSB_SSB CASP3	BRA DSB_SS CASI Proliferation	BRA ME DSB SS Proliferation	BRA ME CDF ATM AT DSB_SS CASI	BRANGE BR	BR, MB DSB CDI ATM A DSB SS CASI Proliferation	BRANGE BR	BRA MB DSB SS CASI Proliferati	BRA ME CDF ATM AT DSB SS CASI Proliferation