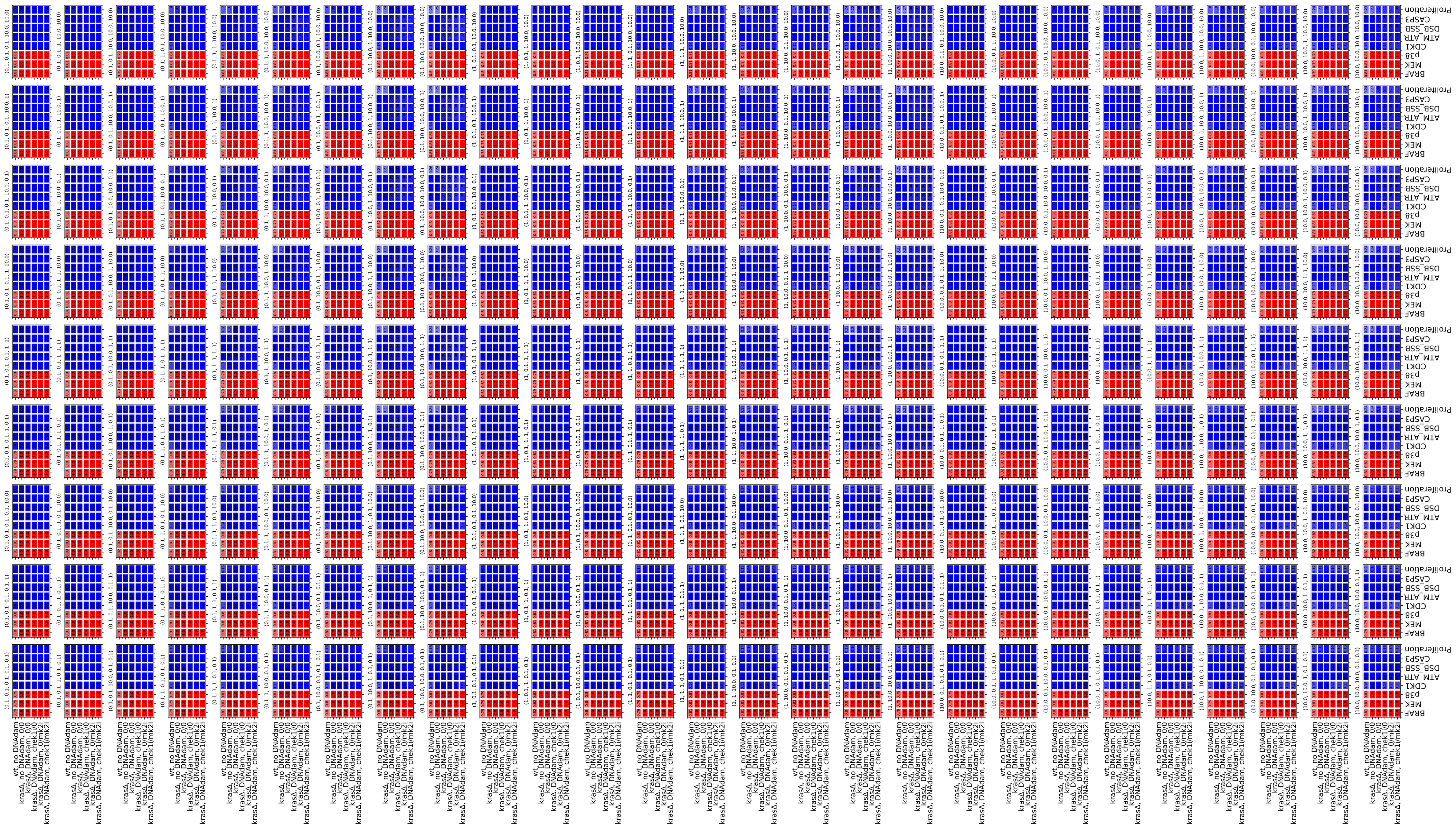
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krasA_DNAdam_0/0
krasA_DNAdam_cHek1i/0
krasA_DNAdam_0/mk2i
krasA_DNAdam_cHek1i/mk2i
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

wt_no DNAdam
krasA_no DNAdam_0/0
krasA_DNAdam_0/0
krasA_DNAdam_cHek1i/0
krasA_DNAdam_0/mk2i
krasA_DNAdam_cHek1i/mk2i
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

wt_no DNAdam
krasΔ_no DNAdam_0/0
krasΔ_DNAdam_0/0
krasΔ_DNAdam_chek1/0
krasΔ_DNAdam_0/mk2i
krasΔ_DNAdam_chek1i/mk2i
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

wt, no DNAdam
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krasA, DNAdam, 0/0
krasA, DNAdam, cheki1/0
krasA, DNAdam, 0/mk2i
krasA, DNAdam, cheki1/mk2i
BRAF
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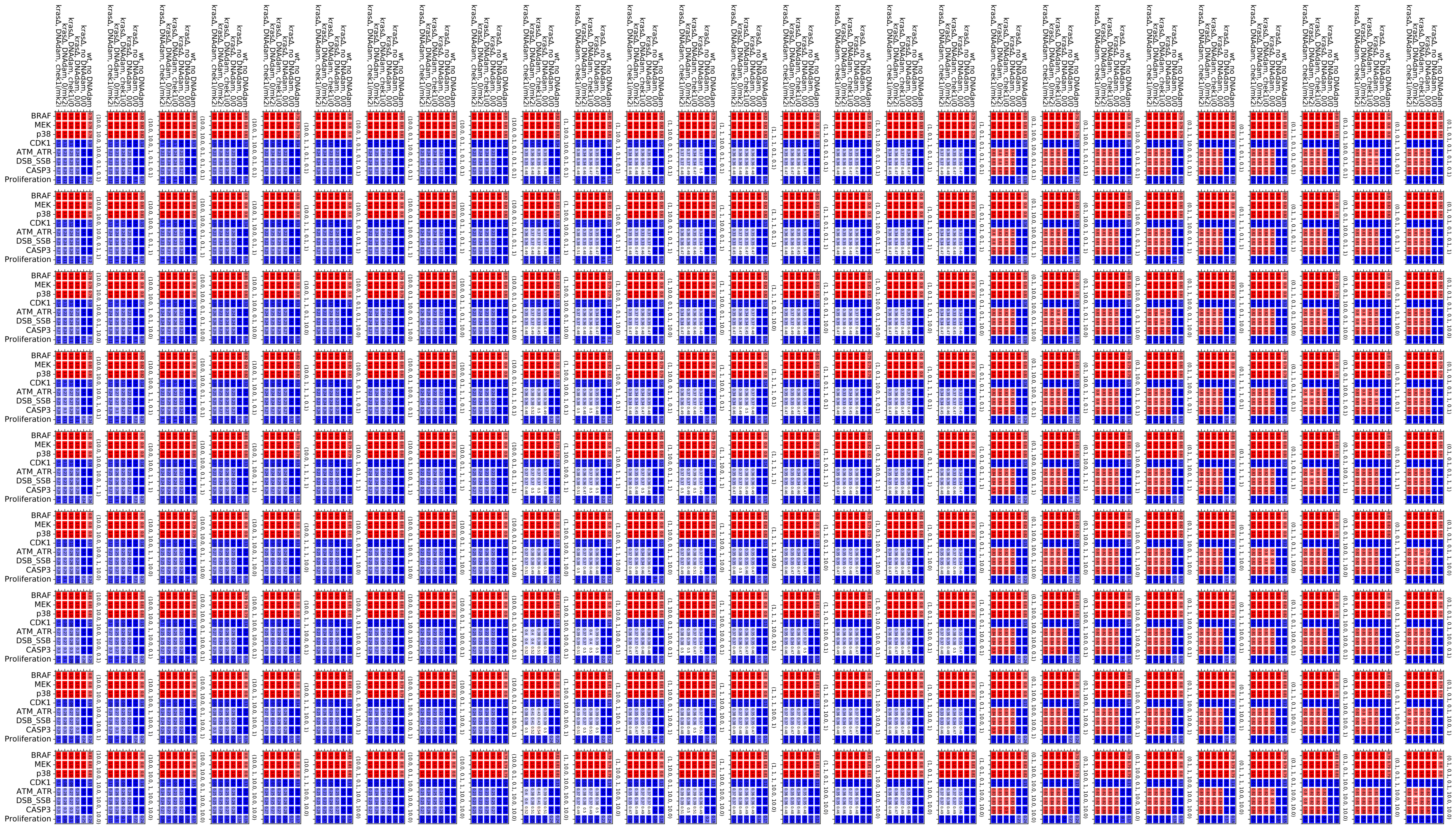
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation


BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

wt, no DNAdam
krasA, no DNAdam, 0/0
krasA, DNAdam, 0/0
krasA, DNAdam, chek1i/0
krasA, DNAdam, 0/mk2i
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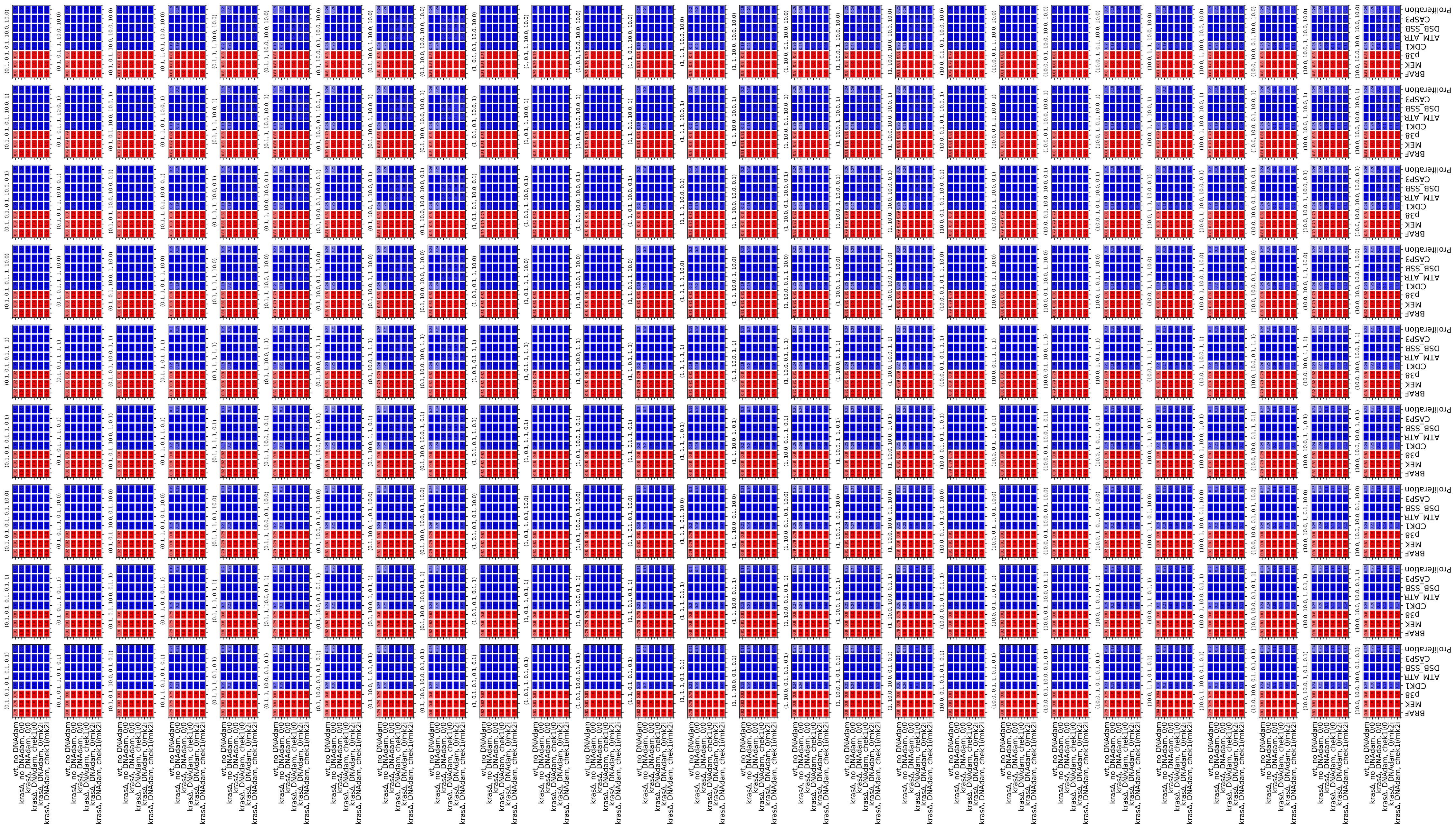
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation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krasΔ, DNAdam, 0/0
krasΔ, DNAdam, cHek1j/0
krasΔ, DNAdam, 0/mk2i
krasΔ, DNAdam, cHek1j/mk2i
Proliferation
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3

wt_no DNAdam
krasΔ_no DNAdam_0/0
krasΔ_DNAdam_0/0
krasΔ_DNAdam_cHek1i/0
krasΔ_DNAdam_0/mk2i
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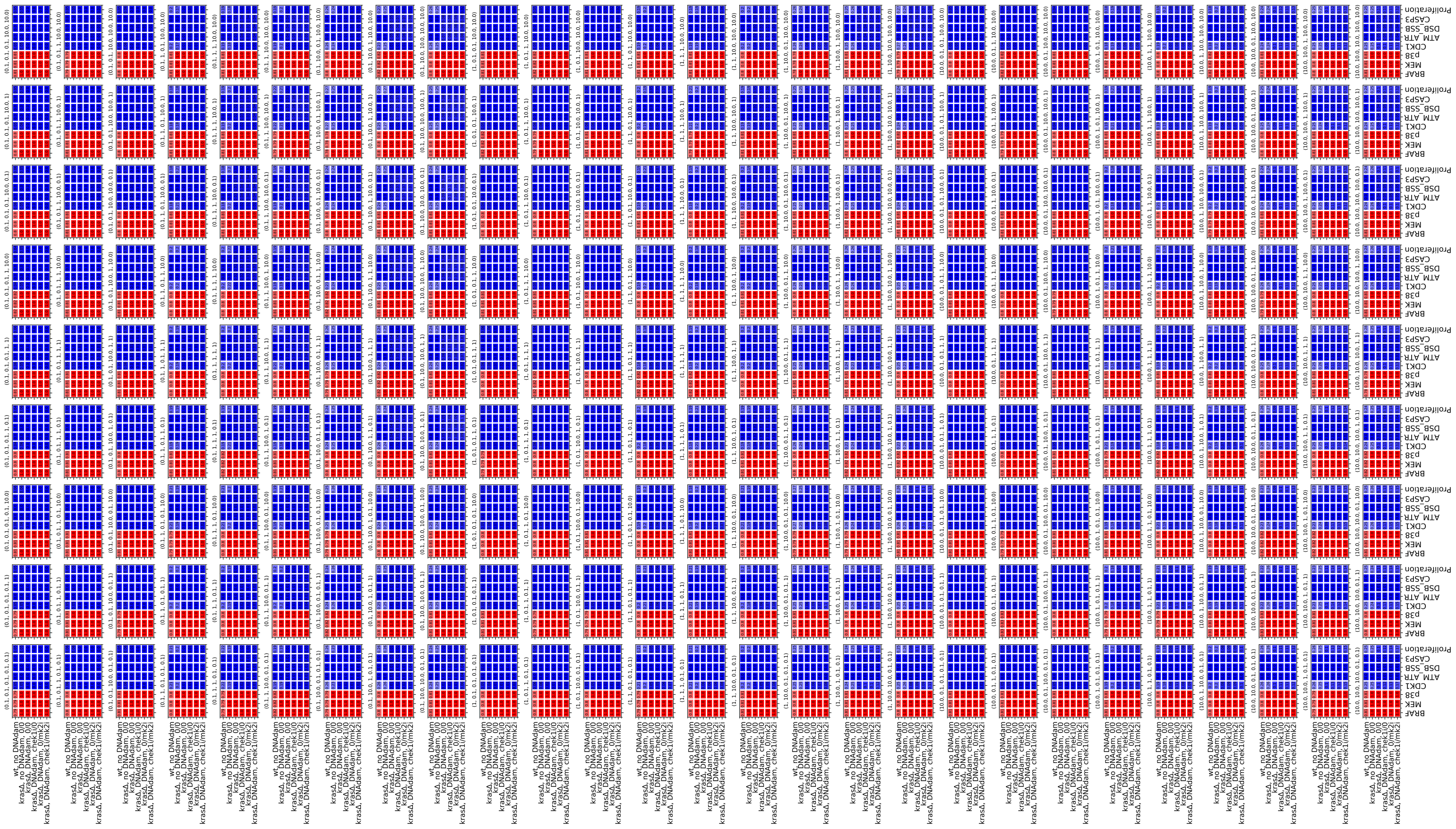
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation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krasA_DNAdam_0/0
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krasA_DNAdam_0/mk2i
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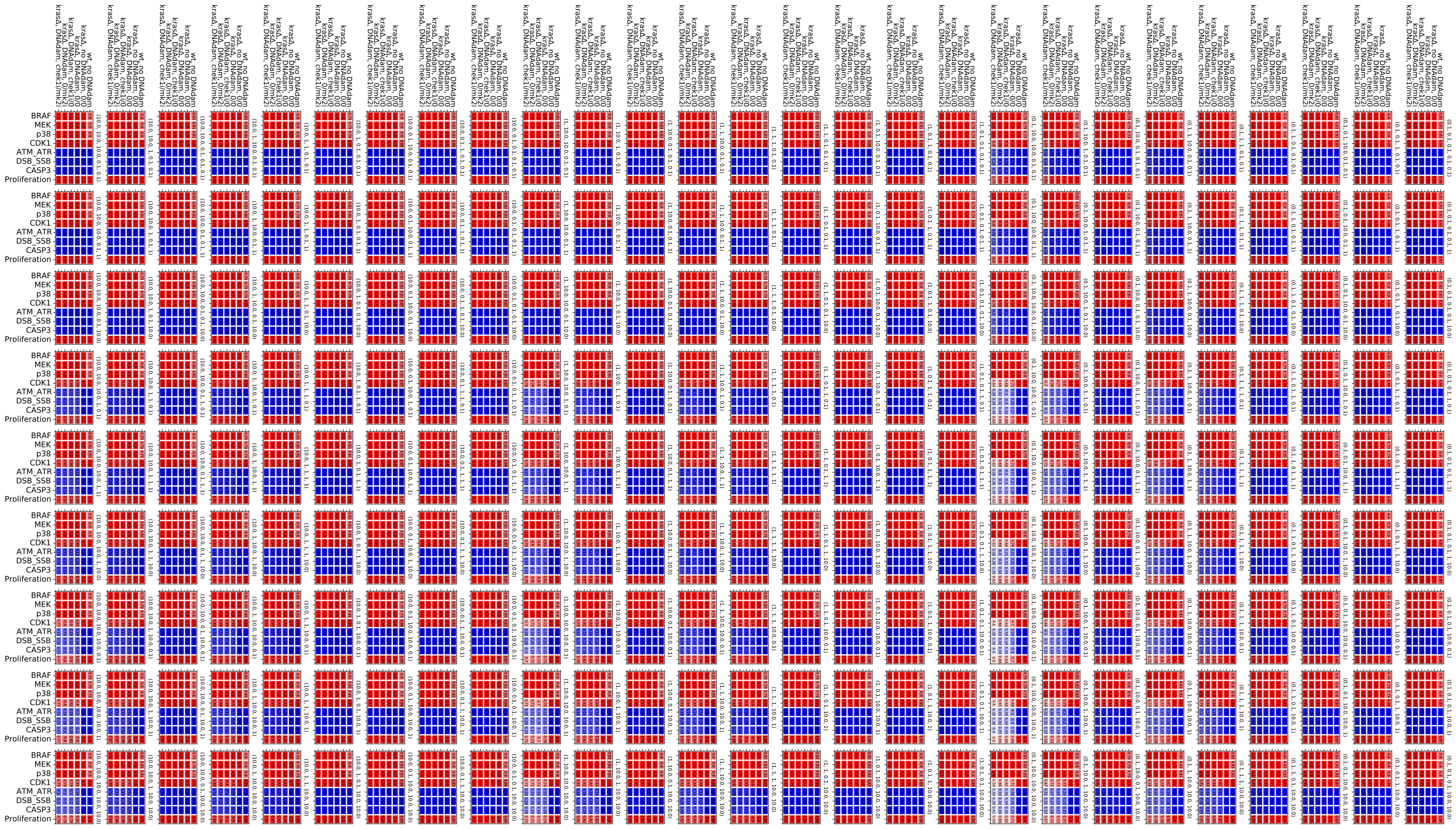
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation


BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

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krasA_no DNAdam, 0/0
krasA_DNAdam, 0/0
krasA_DNAdam, chek1i/0
krasA_DNAdam, 0/mk2i
krasA_DNAdam, chek1i/mk2i
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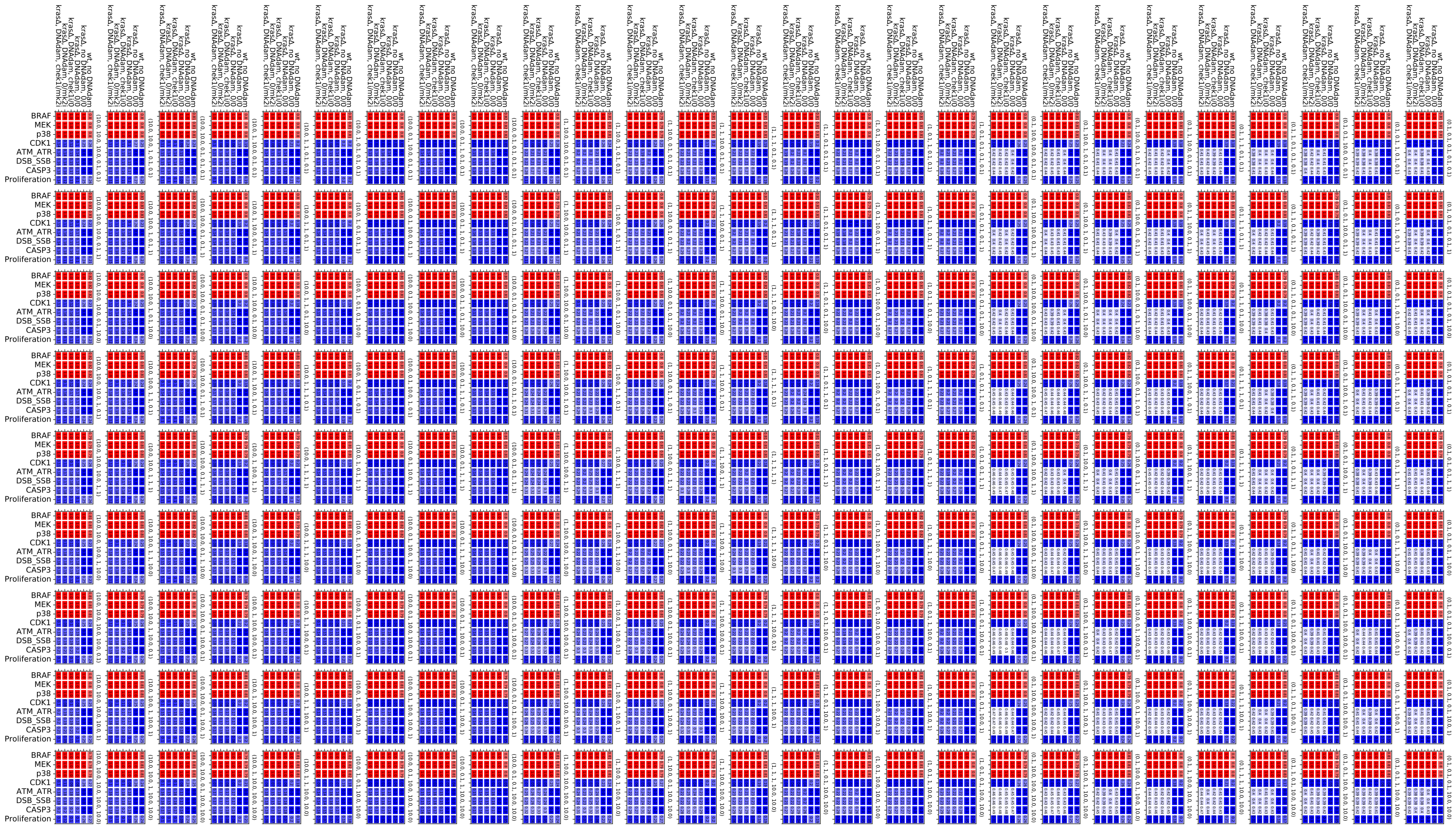
(1,1,1,0,1,1,1,0)
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

wt, no DNAdam
krasΔ, no DNAdam, 0/0
krasΔ, DNAdam, 0/0
krasΔ, DNAdam, cheki/0
krasΔ, DNAdam, 0/mki2
krasΔ, DNAdam, cheki/mki2
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation


BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
Proliferation

wt, no DNAdam
krasA, no DNAdam, 0/0
krasA, DNAdam, 0/0
krasA, DNAdam, cheki1/0
krasA, DNAdam, 0/mk2i
krasA, DNAdam, cheki1/mk2i
BRAF
MEK
p38
CDK1
ATM_ATR
DSB_SSB
CASP3
CASP2
Proliferation