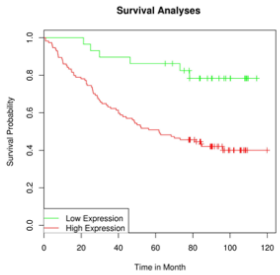
Anti-oxidative stress response genes: bioinformatic analysis of their expression and relevance in multiple cancers - Rotblat et al

Col1A1
Lung cancer GSE11969
p=0.000675



GAPDH
Lung cancer GSE11969
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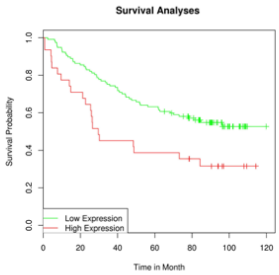

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Lung cancer GSE11969
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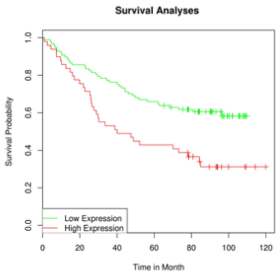

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Lung cancer GSE11969
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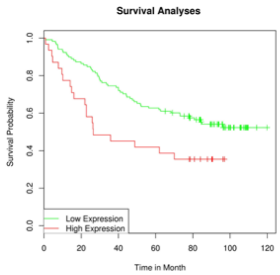

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Lung cancer GSE11969
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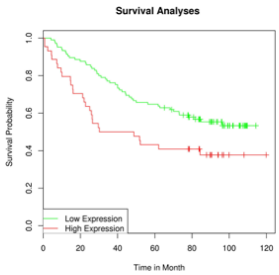

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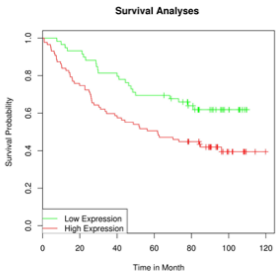
Lung cancer GSE11969
p=0.00439



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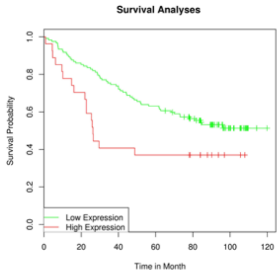
Lung cancer GSE11969
p=0.0045



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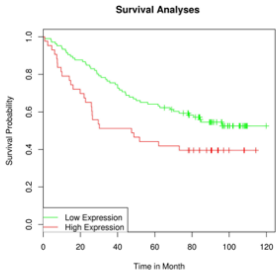
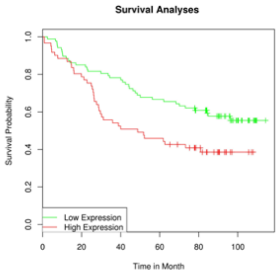
Lung cancer GSE11969
p=0.00789



GSS
Lung cancer GSE11969
p=0.009934



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Lung cancer GSE11969
p=0.00849

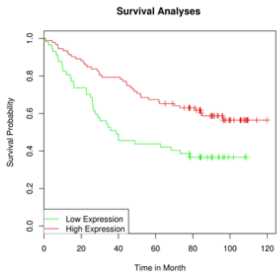
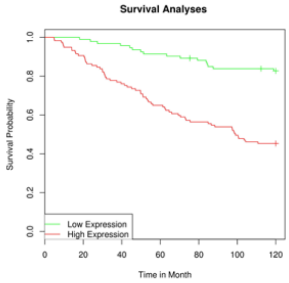
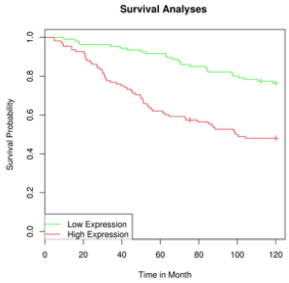


Figure S1: Kaplan-Meier plots for all oxidative stress response genes found to be highly expressed in cancers whose expression significantly correlates with survival in lung cancer.

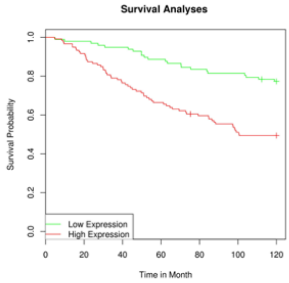
FOXM1
Breast cancer GSE22220
$p<10^{-7}$



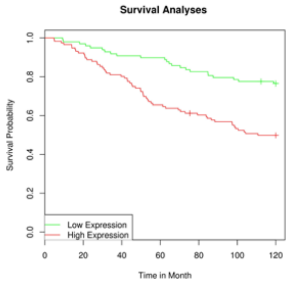
TXNRD1
Breast cancer GSE22220
$p<10^{-5}$



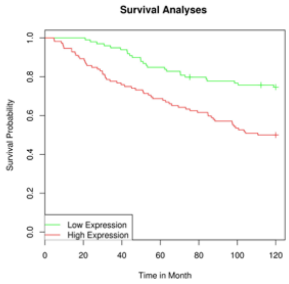
CDC2
Breast cancer GSE22220
$p<10^{-4}$



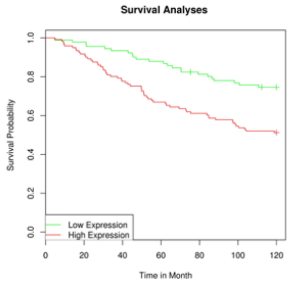
CASP3
Breast cancer GSE22220
$p<10^{-4}$



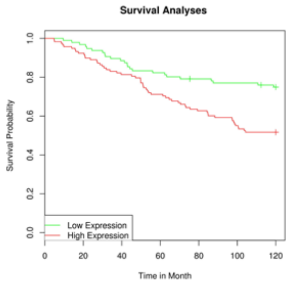
ECT2
Breast cancer GSE22220
p=0.00012



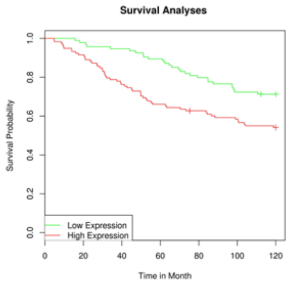
HMOX1
Breast cancer GSE22220
p=0.00012



NUDT1
Breast cancer GSE22220
p=0.0016



SERPINE1
Breast cancer GSE22220
p=0.00167



PRDX4
Breast cancer GSE22220
p=0.00276

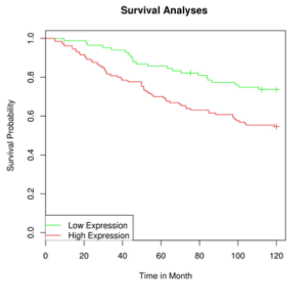
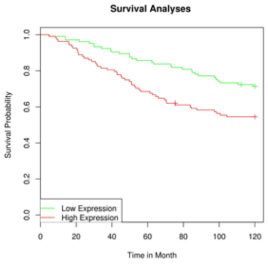
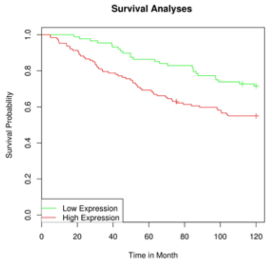


Figure S2-S3: Kaplan-Meier plots for all oxidative stress response genes found to be highly expressed in cancers whose expression significantly correlates with survival in breast cancer.

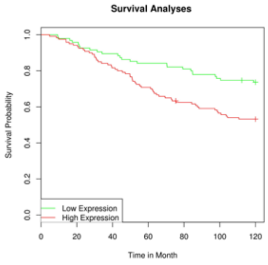
LONP1
Breast cancer GSE22220
p=0.0031



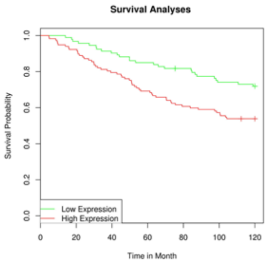
GAPDH
Breast cancer GSE22220
p=0.00321



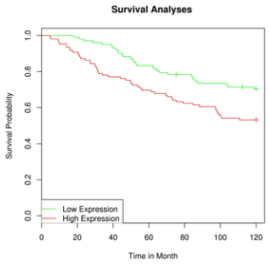
SNRX1
Breast cancer GSE22220
p=0.00321



PSNB5
Breast cancer GSE22220
p=0.0037



BTG3
Breast cancer GSE22220
p=0.00357



EGLN1
Breast cancer GSE22220
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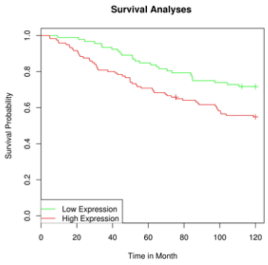
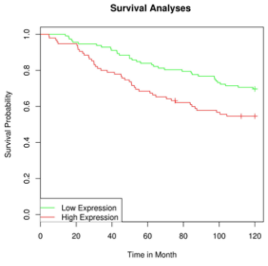
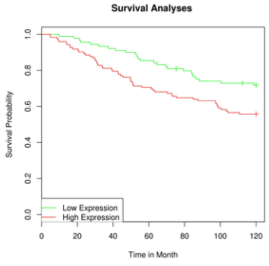


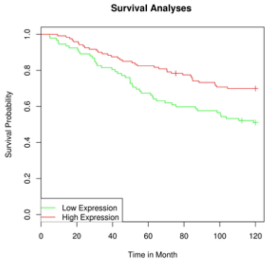
G6PD
Breast cancer GSE22220
p=0.00748



SELS
Breast cancer GSE22220
p=0.00844



PON2
Breast cancer GSE22220
p=0.00457



SIRT1
Breast cancer GSE22220
p=0.00918

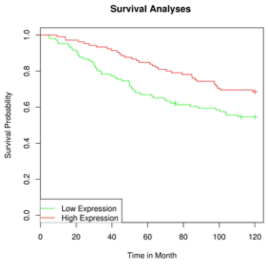


Figure S2-S3: Kaplan-Meier plots for all oxidative stress response genes found to be highly expressed in cancers whose expression significantly correlates with survival in breast cancer.