Table S3: Results of human cell stress arrays

Protein:	Interaction	Treatment	Genotype
ADAMTS1	**p = 0.042**	p = 0.191	**p = 0.019**
BCL2	p = 0.053	p = 0.399	**p = 0.004**
CA9	**p = 0.021**	p = 0.456	**p = 0.013**
CITED2	p = 0.168	p = 0.299	p = 0.503
COX2	**p = 0.018**	p = 0.291	**p = 0.045**
Cytochrome C (CYCS)	**p = 0.015**	p = 0.073	**p = 0.001**
DKK4	p = 0.52	p = 0.213	p = 0.999
FABP1	**p = 0.159**	**p = 0.035**	p = 0.291
HIF1A (HIF1α)	p = 0.122	p = 0.065	**p = 0.001**
EPAS1 (HIF2α)	**p = 0.002**	p = 0.482	**p = 0.001**
Phosphoylated-HSPB1 (HSP27) (S78/S82)	**p = 0.016**	p = 0.714	**p = 0.012**
HSPD1 (HSP60)	p = 0.918	p = 0.621	p = 0.332
HSPA1A (HSP70)	p = 0.166	p = 0.469	p = 0.413
IDO1	p = 0.916	p = 0.183	p = 0.149
Phosphorylated-Pan JNK (MAPK8) (T183/Y185)	p = 0.067	p = 0.181	**p < 0.0001**
NFKB1	p = 0.884	p = 0.27	p = 0.291
CDKN1A (p21/CIP1)	p = 0.221	p = 0.326	**p = 0.130**
CDKN1B (p27)	p = 0.212	p = 0.079	**p < 0.0001**
Phosphorylated-p38α (MAPK14) (T180/Y182)	**p = 0.020**	p = 0.153	**p < 0.0001**
Phosphorylated -p53 (TP53) (S46)	**p = 0.002**	p = 0.666	**p = 0.007**
PON1	p = 0.488	p = 0.673	p = 0.796
PON2	p = 0.634	p = 0.712	p = 0.677
PON3	p = 0.242	p = 0.242	p = 0.645
TXN (Thioredoxin)	**p = 0.120**	p = 0.193	**p = 0.006**
SIRT2	p = 0.589	p = 0.987	p = 0.161
SOD2	p = 0.443	p = 0.338	p = 0.338

Note: Statistical analyses were performed using two-way ANOVA main effects analysis (effect of genotype, treatment, or genotype x treatment interaction)