

A : Proteins with altered tyrosine phosphorylation

GeneID	Symbol	Name	Cell	Ligand	change	fold change (vs control)						Accession	Sequence	Modifications	
						0min	1min	2min	5min	10min	30min				60min
58	ACTA1	actin, alpha 1, skeletal muscle	TamR	E2	down	1.00	NA	0.72	NA	NA	0.56	NA	NP_001091	n.d.	n.d.
60	ACTB	beta actin	WT	E2	down	1.00	0.83	0.67	0.62	0.59	0.57	0.44	NP_001092	n.d.	n.d.
60	ACTB	beta actin	TamR	HRG	down	1.00	NA	NA	0.60	NA	NA	0.40	NP_001092	n.d.	n.d.
345651	ACTBL2	actin, beta-like 2	WT	E2	down	1.00	0.73	0.53	0.56	0.39	0.43	0.45	NP_001017992	n.d.	n.d.
345651	ACTBL2	actin, beta-like 2	WT	HRG	down	1.00	NA	0.94	1.26	NA	0.78	0.62	NP_001017992	n.d.	n.d.
70	ACTC1	cardiac muscle alpha actin 1 proprotein	WT	E2	down	1.00	0.78	0.61	0.60	0.47	0.48	0.42	NP_005150	n.d.	n.d.
70	ACTC1	cardiac muscle alpha actin 1 proprotein	WT	HRG	down	1.00	NA	0.94	1.26	NA	0.73	0.57	NP_005150	n.d.	n.d.
71	ACTG1	actin, gamma 1 propeptide	WT	E2	down	1.00	0.83	0.67	0.62	0.59	0.57	0.44	NP_001605	n.d.	n.d.
71	ACTG1	actin, gamma 1 propeptide	TamR	HRG	down	1.00	NA	0.41	NA	NA	0.19	NA	NP_001605	n.d.	n.d.
83543	AIF1L	ionized calcium binding adapter molecule 2 isoform 1	WT	HRG	down	1.00	NA	0.47	NA	NA	0.36	NA	NP_113614	n.d.	n.d.
57184	C15orf17	hypothetical protein LOC57184	WT	E2	up	1.00	NA	66.50	NA	NA	14.33	NA	NP_065180	n.d.	n.d.
708	C1QBP	complement component 1, q subcomponent binding protein precursor	WT	E2	down	1.00	NA	NA	0.54	NA	NA	0.74	NP_001203	n.d.	n.d.
805	CALM2	calmodulin 2	WT	E2	down	1.00	0.45	0.35	0.26	0.27	0.21	0.16	NP_001734	n.d.	n.d.
805	CALM2	calmodulin 2	TamR	HRG	down	1.00	NA	NA	1.17	NA	NA	0.61	NP_001734	n.d.	n.d.
4076	CAPRN1	membrane component chromosome 11 surface marker 1 isoform 2	WT	HRG	down	1.00	NA	0.33	NA	NA	0.30	NA	NP_976240	n.d.	n.d.
1213	CLTC	clathrin heavy chain 1	WT	E2	down	1.00	1.19	1.39	1.18	0.41	0.38	0.69	NP_004850	n.d.	n.d.
1213	CLTC	clathrin heavy chain 1	WT	HRG	down	1.00	NA	1.25	NA	NA	0.51	NA	NP_004850	n.d.	n.d.
9879	DDX46	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46	WT	HRG	up	1.00	NA	0.96	NA	NA	12.66	NA	NP_055644	n.d.	n.d.
1665	DHX15	DEAH (Asp-Glu-Ala-His) box polypeptide 15	WT	E2	up	1.00	NA	NA	2.51	NA	NA	3.24	NP_001349	n.d.	n.d.
1665	DHX15	DEAH (Asp-Glu-Ala-His) box polypeptide 15	WT	HRG	up	1.00	NA	1.37	NA	NA	2.08	NA	NP_001349	n.d.	n.d.
1660	DHX9	DEAH (Asp-Glu-Ala-His) box polypeptide 9	WT	E2	down	1.00	NA	0.64	0.58	NA	0.62	0.66	NP_001348	n.d.	n.d.
1660	DHX9	DEAH (Asp-Glu-Ala-His) box polypeptide 9	WT	HRG	down	1.00	NA	0.83	0.56	NA	1.03	0.62	NP_001348	n.d.	n.d.
1915	EEF1A1	eukaryotic translation elongation factor 1 alpha 1	WT	HRG	up	1.00	NA	1.83	NA	NA	2.42	NA	NP_001393	n.d.	n.d.
79180	EFHD2	EF-hand domain family, member D2	WT	E2	down	1.00	NA	NA	0.11	NA	NA	0.27	NP_077305	n.d.	n.d.
79180	EFHD2	EF-hand domain family, member D2	WT	HRG	down	1.00	NA	0.45	NA	NA	0.70	NA	NP_077305	n.d.	n.d.
1994	ELAVL1	ELAV-like 1	WT	HRG	up	1.00	NA	2.63	NA	NA	0.76	NA	NP_001410	n.d.	n.d.
83481	EPPK1	epiplakin 1	WT	E2	up	1.00	NA	2.10	1.42	NA	0.78	0.72	NP_112598	n.d.	n.d.
2065	ERBB3	erbB-3 isoform 1 precursor	WT	HRG	up	1.00	3.64	NA	2.07	4.49	NA	2.01	NP_001973	n.d.	n.d.
2065	ERBB3	erbB-3 isoform 1 precursor	TamR	HRG	up	1.00	8.88	NA	5.67	6.77	NA	4.33	NP_001973	n.d.	n.d.
2314	FLII	flightless I homolog	WT	E2	down	1.00	NA	NA	0.72	NA	NA	0.56	NP_002009	n.d.	n.d.
28964	GIT1	G protein-coupled receptor kinase interactor 1 isoform 2	TamR	E2	down	1.00	0.62	NA	0.72	0.40	NA	0.75	NP_054749	n.d.	n.d.
2934	GSN	gelsolin isoform a precursor	WT	E2	down	1.00	NA	0.44	NA	NA	0.43	NA	NP_000168	n.d.	n.d.
2934	GSN	gelsolin isoform a precursor	WT	HRG	up,down	1.00	NA	1.92	NA	NA	0.66	NA	NP_000168	n.d.	n.d.
3005	H1F0	H1 histone family, member 0	WT	HRG	up	1.00	NA	2.14	NA	NA	1.15	NA	NP_005309	n.d.	n.d.
8971	H1FX	H1 histone family, member X	WT	E2	down	1.00	NA	0.66	NA	NA	1.18	NA	NP_006017	n.d.	n.d.
8971	H1FX	H1 histone family, member X	TamR	E2	down	1.00	NA	0.47	NA	NA	0.28	NA	NP_006017	n.d.	n.d.
3014	H2AFX	H2A histone family, member X	WT	E2	down	1.00	NA	0.67	0.43	NA	0.68	0.54	NP_002096	n.d.	n.d.
3014	H2AFX	H2A histone family, member X	WT	HRG	down	1.00	NA	0.49	NA	NA	0.59	NA	NP_002096	n.d.	n.d.
3015	H2AFZ	H2A histone family, member Z	WT	E2	down	1.00	NA	NA	0.43	NA	NA	0.54	NP_002097	n.d.	n.d.
3007	HIST1H1D	histone cluster 1, H1d	WT	HRG	up	1.00	NA	1.29	NA	NA	114.80	NA	NP_005311	n.d.	n.d.
8329	HIST1H2AI	histone cluster 1, H2ai	WT	HRG	up,down	1.00	NA	0.49	6.40	NA	0.59	0.74	NP_003500	n.d.	n.d.
8359	HIST1H4A	histone cluster 1, H4a	WT	HRG	down	1.00	NA	0.02	NA	NA	0.03	NA	NP_003529	n.d.	n.d.
8337	HIST2H2AA3	histone cluster 2, H2aa3	WT	E2	down	1.00	NA	NA	0.42	NA	NA	0.55	NP_003507	n.d.	n.d.
220988	HNRNPA3	heterogeneous nuclear ribonucleoprotein A3	WT	HRG	down	1.00	NA	0.76	NA	NA	0.58	NA	NP_919223	n.d.	n.d.
3185	HNRNPF	heterogeneous nuclear ribonucleoprotein F	WT	E2	down	1.00	NA	NA	0.71	NA	NA	0.57	NP_004957	n.d.	n.d.
3187	HNRNPH1	heterogeneous nuclear ribonucleoprotein H1	WT	E2	down	1.00	NA	NA	0.71	NA	NA	0.57	NP_005511	n.d.	n.d.
3190	HNRNPK	heterogeneous nuclear ribonucleoprotein K isoform b	WT	HRG	down	1.00	NA	0.63	NA	NA	0.70	NA	NP_112552	n.d.	n.d.
4670	HNRNPM	heterogeneous nuclear ribonucleoprotein M isoform a	WT	E2	up	1.00	NA	0.86	0.75	NA	1.08	3.40	NP_005959	n.d.	n.d.
3192	HNRNPU	heterogeneous nuclear ribonucleoprotein U isoform b	WT	E2	up,down	1.00	NA	0.75	0.75	NA	3.03	0.66	NP_004492	n.d.	n.d.
3192	HNRNPU	heterogeneous nuclear ribonucleoprotein U isoform b	WT	HRG	up	1.00	NA	0.74	4.26	NA	0.98	6.39	NP_004492	n.d.	n.d.
50809	HP1BP3	HP1-BP74	WT	HRG	up	1.00	NA	2.18	NA	NA	7.92	NA	NP_057371	n.d.	n.d.
3304	HSPA1B	heat shock 70kDa protein 1B	WT	E2	down	1.00	NA	0.62	0.80	NA	0.78	0.86	NP_005337	n.d.	n.d.
3304	HSPA1B	heat shock 70kDa protein 1B	WT	HRG	down	1.00	0.88	0.56	0.57	0.74	0.79	0.57	NP_005337	n.d.	n.d.
3313	HSPA9	heat shock 70kDa protein 9 precursor	WT	HRG	down	1.00	0.87	NA	0.50	0.72	NA	0.53	NP_004125	n.d.	n.d.
3315	HSPB1	heat shock protein beta-1	WT	E2	up,down	1.00	1.32	1.38	1.54	0.61	0.53	0.75	NP_001531	n.d.	n.d.
3608	ILF2	interleukin enhancer binding factor 2	WT	E2	down	1.00	NA	NA	0.69	NA	NA	0.54	NP_004506	n.d.	n.d.
10657	KHDRBS1	KH domain containing, RNA binding, signal transduction associated 1	WT	HRG	up	1.00	NA	0.92	NA	NA	1.77	NA	NP_006550	n.d.	n.d.
3848	KRT1	keratin 1	WT	E2	down	1.00	0.26	0.80	0.31	0.39	0.67	0.31	NP_006112	n.d.	n.d.
3848	KRT1	keratin 1	WT	HRG	down	1.00	0.76	0.78	0.31	0.70	1.03	0.38	NP_006112	n.d.	n.d.
3875	KRT18	keratin 18	WT	E2	down	1.00	0.53	0.81	0.61	0.86	0.75	0.64	NP_000215	n.d.	n.d.
3875	KRT18	keratin 18	WT	HRG	up,down	1.00	0.80	0.64	0.68	1.87	0.78	3.39	NP_000215	n.d.	n.d.
3875	KRT18	keratin 18	TamR	HRG	down	1.00	0.59	0.70	0.78	0.41	0.72	0.81	NP_000215	n.d.	n.d.
3880	KRT19	keratin 19	WT	E2	up,down	1.00	1.63	0.72	0.67	0.68	0.76	0.64	NP_002267	n.d.	n.d.
3880	KRT19	keratin 19	TamR	E2	down	1.00	NA	0.68	0.80	NA	0.47	0.56	NP_002267	n.d.	n.d.
3880	KRT19	keratin 19	TamR	HRG	up	1.00	1.05	0.71	0.84	2.31	0.68	0.85	NP_002267	n.d.	n.d.
3856	KRT8	keratin 8	WT	E2	down	1.00	0.47	0.78	0.61	0.69	0.82	0.63	NP_002264	n.d.	n.d.
3856	KRT8	keratin 8	TamR	E2	down	1.00	0.67	0.77	0.85	0.44	0.38	0.92	NP_002264	n.d.	n.d.
3856	KRT8	keratin 8	TamR	HRG	down	1.00	0.94	0.76	0.79	0.60	0.57	0.67	NP_002264	n.d.	n.d.
3857	KRT9	keratin 9	WT	HRG	down	1.00	NA	NA	0.06	NA	NA	0.09	NP_000217	n.d.	n.d.
3980	LIG3	ligase III, DNA, ATP-dependent isoform alpha precursor	WT	E2	down	1.00	NA	0.70	0.63	NA	0.67	0.55	NP_039269	n.d.	n.d.
3980	LIG3	ligase III, DNA, ATP-dependent isoform alpha precursor	WT	HRG	up	1.00	NA	1.10	0.95	NA	0.83	4.59	NP_039269	n.d.	n.d.
4000	LMNA	lamin A/C isoform 2	WT	E2	down	1.00	0.63	0.83	0.74	0.42	0.63	0.63	NP_005563	n.d.	n.d.
4000	LMNA	lamin A/C isoform 2	WT	HRG	up	1.00	NA	1.19	1.30	NA	1.14	2.35	NP_005563	n.d.	n.d.
4001	LMNB1	lamin B1	WT	HRG	up	1.00	NA	3.04	NA	NA	3.43	NA	NP_005564	n.d.	n.d.
390876	LOC390876	PREDICTED: similar to ribosomal protein L35	WT	E2	down	1.00	NA	0.89	NA	NA	0.60	NA	XP_945041	n.d.	n.d.
5594	MAPK1	mitogen-activated protein kinase 1	WT	HRG	up	1.00	3.01	4.73	1.64	11.44	5.58	1.18	NP_620407	n.d.	n.d.
5594	MAPK1	mitogen-activated protein kinase 1	TamR	HRG	up	1.00	NA	NA	3.86	NA	NA	1.48	NP_620407	n.d.	n.d.
1432	MAPK14	mitogen-activated protein kinase 14 isoform 1	TamR	HRG	up,down	1.00	0.91	NA	2.30	2.42	NA	0.26	NP_001306	n.d.	n.d.
5595	MAPK3	mitogen-activated protein kinase 3 isoform 1	WT	HRG	up	1.00	2.43	2.73	3.16	12.23	3.29	2.12	NP_002737	n.d.	n.d.
5595	MAPK3	mitogen-activated protein kinase 3 isoform 2	TamR	HRG	up	1.00	2.39	NA	3.18	1.81	NA	3.09	NP_001035145	n.d.	n.d.
5598	MAPK7	mitogen-activated protein kinase 7 isoform 1	WT	HRG	down	1.00	0.63	NA	NA	1.32	NA	NA	NP_002740	n.d.	n.d.
10627	MRCL3	myosin regulatory light chain MRCL3	WT	E2	down	1.00	0.31	0.37	0.19	0.13	0.13	0.10	NP_006462	n.d.	n.d.

4628	MYH10	myosin, heavy polypeptide 10, non-muscle	WT	E2	up,down	1.00	0.24	0.13	0.37	0.87	0.05	4.20	NP_005955	n.d.	n.d.
4628	MYH10	myosin, heavy polypeptide 10, non-muscle	WT	HRG	up,down	1.00	NA	0.61	NA	NA	6.33	NA	NP_005955	n.d.	n.d.
79784	MYH14	myosin, heavy chain 14 isoform 1	WT	E2	up,down	1.00	36.71	0.51	2.37	0.29	0.22	0.26	NP_001070654	n.d.	n.d.
79784	MYH14	myosin, heavy chain 14 isoform 1	WT	HRG	up,down	1.00	NA	4.22	0.68	NA	0.49	0.62	NP_001070654	n.d.	n.d.
79784	MYH14	myosin, heavy chain 14 isoform 1	TamR	HRG	down	1.00	NA	0.38	1.28	NA	0.38	1.10	NP_001070654	n.d.	n.d.
4627	MYH9	myosin, heavy polypeptide 9, non-muscle	WT	E2	down	1.00	0.30	0.24	0.23	1.15	0.15	0.09	NP_002464	n.d.	n.d.
4627	MYH9	myosin, heavy polypeptide 9, non-muscle	WT	HRG	down	1.00	NA	0.80	0.44	NA	0.78	0.77	NP_002464	n.d.	n.d.
4637	MYL6	myosin, light chain 6, alkali, smooth muscle and non-muscle isoform 1	WT	E2	up,down	1.00	0.27	0.29	1.64	0.13	0.14	0.30	NP_066299	n.d.	n.d.
4637	MYL6	myosin, light chain 6, alkali, smooth muscle and non-muscle isoform 1	WT	HRG	down	1.00	NA	0.59	0.67	NA	0.48	0.71	NP_066299	n.d.	n.d.
4641	MYO1C	myosin IC isoform c	WT	E2	down	1.00	0.31	0.22	0.22	0.20	0.25	0.60	NP_203693	n.d.	n.d.
4691	NCL	nucleolin	WT	E2	down	1.00	0.62	0.59	0.79	0.29	0.52	1.20	NP_005372	n.d.	n.d.
4691	NCL	nucleolin	WT	HRG	down	1.00	NA	0.58	0.96	NA	0.55	0.82	NP_005372	n.d.	n.d.
4841	NONO	non-POU domain containing, octamer-binding	WT	E2	down	1.00	NA	NA	0.72	NA	NA	0.65	NP_031389	n.d.	n.d.
4841	NONO	non-POU domain containing, octamer-binding	TamR	E2	down	1.00	NA	0.62	NA	NA	0.37	NA	NP_031389	n.d.	n.d.
4869	NPM1	nucleophosmin 1 isoform 1	WT	E2	down	1.00	0.37	0.50	0.52	0.32	0.46	0.51	NP_002511	n.d.	n.d.
4869	NPM1	nucleophosmin 1 isoform 1	WT	HRG	down	1.00	NA	0.51	0.84	NA	0.53	0.74	NP_002511	n.d.	n.d.
142	PARP1	poly (ADP-ribose) polymerase family, member 1	WT	E2	down	1.00	NA	0.73	0.81	NA	0.38	1.15	NP_001609	n.d.	n.d.
142	PARP1	poly (ADP-ribose) polymerase family, member 1	WT	HRG	up	1.00	NA	0.98	NA	NA	2.06	NA	NP_001609	n.d.	n.d.
5290	PIK3CA	phosphoinositide-3-kinase, catalytic, alpha polypeptide	TamR	HRG	up	1.00	NA	NA	1.79	NA	NA	1.32	NP_006209	n.d.	n.d.
5291	PIK3CB	phosphoinositide-3-kinase, catalytic, beta polypeptide	TamR	HRG	up	1.00	2.95	NA	1.81	2.70	NA	2.72	NP_006210	n.d.	n.d.
5295	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha) isoform 1	WT	HRG	down	1.00	NA	1.14	0.64	NA	1.21	1.35	NP_852664	n.d.	n.d.
5295	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha) isoform 1	TamR	HRG	up	1.00	1.78	NA	1.37	1.48	NA	1.37	NP_852664	n.d.	n.d.
5296	PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	WT	HRG	up	1.00	1.57	3.83	2.47	1.51	2.38	2.19	NP_005018	n.d.	n.d.
5296	PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)	TamR	HRG	down	1.00	0.93	NA	1.30	0.64	NA	1.10	NP_005018	n.d.	n.d.
5339	PLEC1	plectin 1 isoform 2	WT	HRG	down	1.00	NA	0.42	NA	NA	1.32	NA	NP_958780	n.d.	n.d.
445582	POTEE	protein expressed in prostate, ovary, testis, and placenta 2	WT	E2	down	1.00	0.80	0.60	0.57	0.47	0.45	0.40	NP_001077007	n.d.	n.d.
445582	POTEE	protein expressed in prostate, ovary, testis, and placenta 2	WT	HRG	down	1.00	NA	0.94	NA	NA	0.66	NA	NP_001077007	n.d.	n.d.
27339	PRPF19	PRP19/PSO4 pre-mRNA processing factor 19 homolog	WT	E2	down	1.00	NA	NA	0.26	NA	NA	0.16	NP_055317	n.d.	n.d.
5747	PTK2	PTK2 protein tyrosine kinase 2 isoform a	TamR	HRG	down	1.00	0.81	NA	0.61	0.61	NA	0.61	NP_722560	n.d.	n.d.
5829	PXN	paxillin isoform 2	TamR	E2	down	1.00	NA	NA	0.55	NA	NA	0.70	NP_002850	n.d.	n.d.
29920	PYCR2	pyrroline-5-carboxylate reductase family, member 2	WT	E2	down	1.00	NA	NA	0.01	NA	NA	0.00	NP_037460	n.d.	n.d.
10635	RAD51AP1	RAD51 associated protein 1 isoform b	WT	E2	down	1.00	NA	NA	0.03	NA	NA	0.02	NP_006470	n.d.	n.d.
27316	RBMX	RNA binding motif protein, X-linked	WT	HRG	down	1.00	NA	0.96	NA	NA	0.49	NA	NP_002130	n.d.	n.d.
5983	RFC3	replication factor C 3 isoform 1	TamR	HRG	down	1.00	0.00	NA	NA	0.01	NA	NA	NP_002906	n.d.	n.d.
6134	RPL10	ribosomal protein L10	WT	E2	down	1.00	NA	NA	0.72	NA	NA	0.61	NP_006004	n.d.	n.d.
6136	RPL12	ribosomal protein L12	WT	E2	down	1.00	NA	0.77	0.85	NA	0.62	0.58	NP_000967	n.d.	n.d.
6137	RPL13	ribosomal protein L13	WT	E2	down	1.00	NA	0.88	0.85	NA	0.55	0.99	NP_150254	n.d.	n.d.
9045	RPL14	ribosomal protein L14	WT	E2	down	1.00	NA	0.79	1.20	NA	0.59	0.53	NP_003964	n.d.	n.d.
9045	RPL14	ribosomal protein L14	WT	HRG	down	1.00	NA	0.75	0.64	NA	0.64	1.07	NP_003964	n.d.	n.d.
6138	RPL15	ribosomal protein L15	WT	E2	down	1.00	NA	0.45	0.92	NA	0.42	0.34	NP_002939	n.d.	n.d.
6138	RPL15	ribosomal protein L15	WT	HRG	down	1.00	NA	0.68	0.63	NA	0.73	0.67	NP_002939	n.d.	n.d.
6141	RPL18	ribosomal protein L18	WT	E2	down	1.00	NA	NA	0.42	NA	NA	0.21	NP_000970	n.d.	n.d.
6142	RPL18A	ribosomal protein L18a	WT	E2	down	1.00	NA	NA	0.94	NA	NA	0.66	NP_000971	n.d.	n.d.
6143	RPL19	ribosomal protein L19	WT	HRG	down	1.00	NA	0.11	NA	NA	0.34	NA	NP_000972	n.d.	n.d.
6146	RPL22	ribosomal protein L22 proprotein	WT	E2	down	1.00	NA	0.88	NA	NA	0.60	NA	NP_000974	n.d.	n.d.
6152	RPL24	ribosomal protein L24	WT	E2	down	1.00	NA	0.80	0.79	NA	0.53	0.50	NP_000977	n.d.	n.d.
6155	RPL27	ribosomal protein L27	WT	E2	down	1.00	NA	0.77	0.77	NA	0.56	0.48	NP_000979	n.d.	n.d.
6157	RPL27A	ribosomal protein L27a	WT	E2	down	1.00	NA	0.84	0.77	NA	0.54	0.61	NP_000981	n.d.	n.d.
6158	RPL28	ribosomal protein L28 isoform 2	WT	HRG	down	1.00	NA	0.90	0.52	NA	0.93	0.67	NP_000982	n.d.	n.d.
6156	RPL30	ribosomal protein L30	WT	HRG	down	1.00	NA	0.10	NA	NA	0.10	NA	NP_000980	n.d.	n.d.
6122	RPL31	ribosomal protein L3 isoform a	WT	HRG	up	1.00	NA	NA	3.37	NA	NA	1.20	NP_000958	n.d.	n.d.
6160	RPL31	ribosomal protein L31 isoform 1	WT	E2	up,down	1.00	1.84	1.27	3.97	0.35	1.27	1.31	NP_000984	n.d.	n.d.
6165	RPL35A	ribosomal protein L35a	WT	E2	down	1.00	NA	0.84	1.07	NA	0.50	0.67	NP_000987	n.d.	n.d.
25873	RPL36	ribosomal protein L36	WT	E2	down	1.00	NA	NA	0.88	NA	NA	0.49	NP_056229	n.d.	n.d.
25873	RPL36	ribosomal protein L36	WT	HRG	down	1.00	NA	0.03	0.75	NA	0.03	0.93	NP_056229	n.d.	n.d.
6124	RPL4	ribosomal protein L4	WT	E2	down	1.00	NA	0.85	0.31	NA	0.54	0.18	NP_000959	n.d.	n.d.
6124	RPL4	ribosomal protein L4	WT	HRG	down	1.00	NA	0.81	0.62	NA	0.74	0.83	NP_000959	n.d.	n.d.
6128	RPL6	ribosomal protein L6	WT	E2	down	1.00	0.94	0.83	1.18	0.62	0.76	0.53	NP_000961	n.d.	n.d.
6128	RPL6	ribosomal protein L6	WT	HRG	down	1.00	NA	0.65	0.42	NA	0.85	0.73	NP_000961	n.d.	n.d.
6129	RPL7	ribosomal protein L7	WT	E2	down	1.00	NA	1.16	1.01	NA	0.73	0.40	NP_000962	n.d.	n.d.
6130	RPL7A	ribosomal protein L7a	WT	E2	down	1.00	NA	0.72	0.84	NA	0.62	0.49	NP_000963	n.d.	n.d.
6130	RPL7A	ribosomal protein L7a	WT	HRG	down	1.00	NA	1.49	0.51	NA	0.85	0.62	NP_000963	n.d.	n.d.
6132	RPL8	ribosomal protein L8	WT	E2	up,down	1.00	NA	0.68	1.11	NA	0.62	2.26	NP_000964	n.d.	n.d.
6132	RPL8	ribosomal protein L8	WT	HRG	down	1.00	NA	0.68	0.40	NA	0.96	0.49	NP_000964	n.d.	n.d.
6175	RPLP0	ribosomal protein P0	WT	E2	down	1.00	NA	NA	1.48	NA	NA	0.50	NP_000993	n.d.	n.d.
6175	RPLP0	ribosomal protein P0	WT	HRG	down	1.00	NA	0.92	0.52	NA	0.68	0.70	NP_000993	n.d.	n.d.
6205	RPS11	ribosomal protein S11	WT	HRG	up	1.00	NA	NA	1.01	NA	NA	10.41	NP_001006	n.d.	n.d.
6207	RPS13	ribosomal protein S13	WT	E2	up	1.00	NA	1.12	10.45	NA	0.72	2.62	NP_001008	n.d.	n.d.
6207	RPS13	ribosomal protein S13	WT	HRG	up	1.00	NA	5.13	1.19	NA	1.17	8.06	NP_001008	n.d.	n.d.
6208	RPS14	ribosomal protein S14	WT	E2	down	1.00	NA	0.85	NA	NA	0.59	NA	NP_005608	n.d.	n.d.
6209	RPS15	ribosomal protein S15	WT	E2	up	1.00	NA	NA	0.85	NA	NA	2.43	NP_001009	n.d.	n.d.
6210	RPS15A	ribosomal protein S15a	WT	E2	up,down	1.00	0.80	0.88	0.84	1.06	0.63	1.60	NP_001010	n.d.	n.d.
6222	RPS18	ribosomal protein S18	WT	HRG	down	1.00	NA	NA	0.01	NA	NA	0.01	NP_072045	n.d.	n.d.
6229	RPS24	ribosomal protein S24 isoform c	WT	E2	down	1.00	0.76	0.74	0.86	0.52	0.52	0.56	NP_001017	n.d.	n.d.
6230	RPS25	ribosomal protein S25	WT	E2	down	1.00	NA	0.64	0.92	NA	0.47	0.44	NP_001019	n.d.	n.d.
6230	RPS25	ribosomal protein S25	WT	HRG	down	1.00	NA	0.55	NA	NA	0.53	NA	NP_001019	n.d.	n.d.
6231	RPS26	ribosomal protein S26	WT	E2	down	1.00	NA	NA	0.66	NA	NA	1.49	NP_001020	n.d.	n.d.
6231	RPS26	ribosomal protein S26	WT	HRG	up	1.00	NA	0.83	NA	NA	4.87	NA	NP_001020	n.d.	n.d.
6189	RPS3A	ribosomal protein S3a	WT	E2	down	1.00	NA	1.04	0.83	NA	0.68	0.52	NP_000997	n.d.	n.d.
6189	RPS3A	ribosomal protein S3a	WT	HRG	up	1.00	NA	1.66	0.81	NA	0.81	0.67	NP_000997	n.d.	n.d.
6191	RPS4X	ribosomal protein S4, X-linked X isoform	WT	E2	down	1.00	NA	0.80	0.71	NA	0.73	0.55	NP_000998	n.d.	n.d.
6191	RPS4X	ribosomal protein S4, X-linked X isoform	WT	HRG	down	1.00	NA	0.84	0.99	NA	0.65	0.87	NP_000998	n.d.	n.d.
6201	RPS7	ribosomal protein S7	WT	HRG	up	1.00	NA	1.46	NA	NA	1.64	NA	NP_001002	n.d.	n.d.
6202	RPS8	ribosomal protein S8	WT	E2	down	1.00	NA	NA	0.81	NA	NA	0.65	NP_001003	n.d.	n.d.
6203	RPS9	ribosomal protein S9	WT	E2	down	1.00	NA	0.75	0.81	NA	0.58	0.59	NP_001004	n.d.	n.d.

6203	RPS9	ribosomal protein S9	WT	HRG	up	1.00	NA	3.57	NA	NA	0.90	NA	NP_001004	n.d.	n.d.
26156	RSL1D1	ribosomal L1 domain containing 1	WT	E2	up	1.00	NA	NA	0.95	NA	NA	1.56	NP_056474	n.d.	n.d.
6421	SFPQ	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	WT	E2	down	1.00	NA	0.56	0.67	NA	0.50	0.95	NP_005057	n.d.	n.d.
6421	SFPQ	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	TamR	E2	down	1.00	NA	0.82	NA	NA	0.55	NA	NP_005057	n.d.	n.d.
6426	SFRS1	splicing factor, arginine/serine-rich 1 isoform 1	WT	HRG	down	1.00	NA	0.55	NA	NA	0.51	NA	NP_008855	n.d.	n.d.
6427	SFRS2	splicing factor, arginine/serine-rich 2	WT	E2	down	1.00	NA	0.67	0.10	NA	0.63	0.10	NP_003007	n.d.	n.d.
6427	SFRS2	splicing factor, arginine/serine-rich 2	WT	HRG	down	1.00	NA	0.96	0.81	NA	0.61	0.84	NP_003007	n.d.	n.d.
10929	SFRS2B	splicing factor, arginine/serine-rich 2B	WT	E2	down	1.00	NA	0.67	NA	NA	0.63	NA	NP_115285	n.d.	n.d.
6428	SFRS3	splicing factor, arginine/serine-rich 3	WT	E2	up,down	1.00	NA	NA	36.48	NA	NA	0.55	NP_003008	n.d.	n.d.
6431	SFRS6	arginine/serine-rich splicing factor 6	WT	E2	down	1.00	NA	0.74	NA	NA	0.57	NA	NP_006266	n.d.	n.d.
6464	SHC1	SHC (Src homology 2 domain containing) transforming protein 1 isoform 1	WT	HRG	up	1.00	1.05	NA	1.39	1.67	NA	1.91	NP_892113	n.d.	n.d.
11198	SUPT16H	chromatin-specific transcription elongation factor large subunit	WT	HRG	down	1.00	NA	0.31	NA	NA	0.59	NA	NP_009123	n.d.	n.d.
10189	THOC4	THO complex 4	WT	E2	down	1.00	NA	0.86	0.85	NA	0.62	0.59	NP_005773	n.d.	n.d.
7082	TJP1	tight junction protein 1 isoform b	WT	E2	down	1.00	NA	NA	0.17	NA	NA	0.27	NP_783297	n.d.	n.d.
7082	TJP1	tight junction protein 1 isoform b	WT	HRG	down	1.00	NA	0.46	NA	NA	0.71	NA	NP_783297	n.d.	n.d.
9414	TJP2	tight junction protein 2 (zona occludens 2) isoform 1	WT	HRG	down	1.00	NA	0.13	NA	NA	0.16	NA	NP_004808	n.d.	n.d.
7150	TOP1	DNA topoisomerase I	WT	E2	down	1.00	NA	0.78	0.06	NA	0.71	0.08	NP_003277	n.d.	n.d.
7150	TOP1	DNA topoisomerase I	WT	HRG	down	1.00	NA	0.97	0.51	NA	0.81	0.59	NP_003277	n.d.	n.d.
7168	TPM1	tropomyosin 1 alpha chain isoform 4	WT	E2	down	1.00	0.49	0.91	0.54	0.22	0.33	1.17	NP_001018006	n.d.	n.d.
7168	TPM1	tropomyosin 1 alpha chain isoform 6	WT	E2	down	1.00	NA	1.18	NA	NA	0.62	NA	NP_001018008	n.d.	n.d.
7168	TPM1	tropomyosin 1 alpha chain isoform 5	TamR	E2	down	1.00	0.49	NA	NA	0.31	NA	NA	NP_000357	n.d.	n.d.
7169	TPM2	tropomyosin 2 (beta) isoform 2	WT	E2	up,down	1.00	0.54	0.55	0.70	0.25	0.29	1.70	NP_998839	n.d.	n.d.
7170	TPM3	tropomyosin 3 isoform 1	WT	E2	up,down	1.00	0.49	NA	0.72	0.26	NA	2.74	NP_689476	n.d.	n.d.
7170	TPM3	tropomyosin 3 isoform 2	WT	E2	up,down	1.00	0.57	0.73	0.77	0.29	0.50	3.34	NP_705935	n.d.	n.d.
7171	TPM4	tropomyosin 4 isoform 2	WT	E2	up,down	1.00	0.57	0.67	0.90	0.29	0.50	2.74	NP_003281	n.d.	n.d.
6737	TRIM21	tripartite motif protein 21	WT	E2	up	1.00	5.54	11.18	11.12	0.95	0.69	0.72	NP_003132	n.d.	n.d.
6737	TRIM21	tripartite motif protein 21	WT	HRG	up	1.00	2.66	3.12	3.26	1.54	1.88	1.74	NP_003132	n.d.	n.d.
7251	TSG101	tumor susceptibility gene 101	WT	HRG	up	1.00	1.18	NA	1.20	45.75	NA	7.39	NP_006283	n.d.	n.d.
7846	TUBA1A	tubulin, alpha 1a	WT	E2	down	1.00	NA	NA	0.84	NA	NA	0.59	NP_006000	n.d.	n.d.
10376	TUBA1B	tubulin, alpha, ubiquitous	WT	E2	down	1.00	0.87	1.26	0.92	0.48	0.56	0.53	NP_006073	n.d.	n.d.
203068	TUBB	tubulin, beta	WT	E2	down	1.00	NA	1.08	0.84	NA	0.65	0.55	NP_821133	n.d.	n.d.
10383	TUBB2C	tubulin, beta_2	WT	E2	down	1.00	NA	1.08	0.84	NA	0.65	0.55	NP_006079	n.d.	n.d.
7520	XRCC5	ATP-dependent DNA helicase II	WT	E2	up,down	1.00	0.42	0.42	0.77	1.01	0.85	4.79	NP_066964	n.d.	n.d.
7520	XRCC5	ATP-dependent DNA helicase II	WT	HRG	down	1.00	NA	0.50	NA	NA	0.92	NA	NP_066964	n.d.	n.d.
2547	XRCC6	ATP-dependent DNA helicase II, 70 kDa subunit	WT	E2	up,down	1.00	0.40	0.40	0.45	0.98	0.78	1.56	NP_001460	n.d.	n.d.
2547	XRCC6	ATP-dependent DNA helicase II, 70 kDa subunit	WT	HRG	down	1.00	NA	0.41	NA	NA	0.63	NA	NP_001460	n.d.	n.d.
7533	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	WT	E2	up,down	1.00	NA	NA	1.58	NA	NA	0.42	NP_003396	n.d.	n.d.
7534	YWHAZ	tyrosine 3/tryptophan 5-monooxygenase activation protein, zeta polypeptide	WT	E2	down	1.00	NA	1.40	NA	NA	0.35	NA	NP_003397	n.d.	n.d.
389435	HCG_21078	ribosomal protein L27a-like	WT	HRG	up	1.00	NA	4.09	NA	NA	0.73	NA	NP_001083056	n.d.	n.d.

**B : Proteins with altered serine/threonine/tyrosine phosphorylation**

GeneID	Symbol	Name	Cell	Ligand	change	fold change (vs control)						Accession	Sequence	Modifications	
						0min	1min	2min	5min	10min	30min				60min
23461	ABCA5	ATP-binding cassette, sub-family A, member 5	TamR	E2	down	1.00	NA	NA	0.74	NA	NA	0.03	NP_061142	KANRVTVFSTHFMDADLADR	1
23	ABCF1	ATP-binding cassette, sub-family F, member 1 isoform b	WT	E2	down	1.00	NA	0.45	0.45	NA	0.28	0.25	NP_001081	KLVSPTSDEEDEVPAKPR	2
23	ABCF1	ATP-binding cassette, sub-family F, member 1 isoform b	WT	E2	down	1.00	NA	NA	0.48	NA	NA	0.34	NP_001081	LSVPTSDEEDEVPAKPR	2
23	ABCF1	ATP-binding cassette, sub-family F, member 1 isoform b	WT	HRG	down	1.00	NA	0.77	0.53	NA	0.56	0.33	NP_001081	LSVPTSDEEDEVPAKPR	2
9619	ABCG1	ATP-binding cassette, sub-family G member 1 isoform 2	WT	E2	up	1.00	NA	NA	1.53	NA	NA	1.16	NP_058198	GISGKFNSELVIMGSPGAGKSTLMNLINLAGYRETGMK	4
55902	ACSS2	acyl-CoA synthetase short-chain family member 2 isoform 1	WT	E2	down	1.00	NA	0.69	0.77	NA	0.51	0.54	NP_061147	SIWSPPEVSR	1
3267	AGFG1	HIV-1 Rev binding protein isoform 2	WT	E2	down	1.00	NA	0.42	0.59	NA	0.44	0.45	NP_004495	SLLGDSAPTLHLNKGTPSQSPVVG	2
3267	AGFG1	HIV-1 Rev binding protein isoform 2	WT	HRG	down	1.00	0.57	0.49	NA	0.13	0.17	NA	NP_004495	SLLGDSAPTLHLNKGTPSQSPVVG	2
79026	AHNAK	AHNAK nucleoprotein isoform 1	WT	HRG	up	1.00	NA	NA	0.70	NA	NA	2.60	NP_001611	LPSGSGAASPTGSAVDIR	2
79026	AHNAK	AHNAK nucleoprotein isoform 1	TamR	HRG	up	1.00	NA	NA	0.92	NA	NA	2.56	NP_001611	LPSGSGAASPTGSAVDIR	2
84335	AKT1S1	AKT1 substrate 1 (proline-rich)	WT	E2	down	1.00	NA	0.69	NA	NA	0.43	NA	NP_001092103	AATAARPPAPPPAQQPSPPTSPRPTLAR	2
84335	AKT1S1	AKT1 substrate 1 (proline-rich)	WT	HRG	down	1.00	0.76	0.87	0.88	0.46	0.60	0.52	NP_001092103	AATAARPPAPPPAQQPSPPTSPRPTLAR	2
84335	AKT1S1	AKT1 substrate 1 (proline-rich)	TamR	E2	down	1.00	NA	NA	0.83	NA	NA	0.53	NP_001092103	AATAARPPAPPPAQQPSPPTSPRPTLAR	2
369	ARAF	v-ras murine sarcoma 3611 viral oncogene homolog	WT	HRG	up	1.00	NA	1.66	NA	NA	7.19	NA	NP_001645	QHEAPSNRPLNELLTPQGPSPR	2
51593	ARS2	arsenate resistance protein 2 isoform a	WT	E2	down	1.00	0.79	0.60	0.71	0.73	0.55	0.50	NP_056992	HELSPPOKR	1
51593	ARS2	arsenate resistance protein 2 isoform a	WT	HRG	down	1.00	NA	0.66	NA	NA	0.56	NA	NP_056992	HELSPPOKR	1
51593	ARS2	arsenate resistance protein 2 isoform a	TamR	E2	down	1.00	0.65	0.96	0.90	0.47	0.71	0.78	NP_056992	HELSPPOKR	1
55870	ASH1L	ash1 (absent, small, or homeotic)-like	TamR	HRG	up	1.00	NA	9.21	NA	NA	1.81	NA	NP_060959	LGTTGTTAGLVSKDLIRKAGVGVAGIHK	3
55102	ATG2B	ATG2 autophagy related 2 homolog B	WT	E2	down	1.00	NA	NA	0.76	NA	NA	0.50	NP_060506	SYISPHSPSHTPTR	2
55102	ATG2B	ATG2 autophagy related 2 homolog B	WT	HRG	down	1.00	0.79	NA	NA	0.66	NA	NA	NP_060506	SYISPHSPSHTPTR	2
57205	ATP10D	ATPase, class V, type 10D	WT	E2	up	1.00	NA	1.67	NA	NA	1.64	NA	NP_065186	AGLIITGR	1
9531	BAG3	BCL2-associated athanogene 3	WT	E2	down	1.00	0.51	0.44	0.56	0.46	0.76	0.50	NP_004272	SSTPLHSPSPIR	2
9531	BAG3	BCL2-associated athanogene 3	TamR	E2	down	1.00	0.28	0.40	0.54	0.32	0.34	0.29	NP_004272	SSTPLHSPSPIR	2
9531	BAG3	BCL2-associated athanogene 3	TamR	HRG	up,down	1.00	0.67	0.69	1.50	0.39	0.39	2.51	NP_004272	SSTPLHSPSPIR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	E2	down	1.00	NA	0.54	NA	NA	0.48	NA	NP_055554	IDISPSLTR	1
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	E2	down	1.00	NA	0.60	0.75	NA	0.51	0.55	NP_055554	NTPSQHSHSIQHSR	1
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	E2	down	1.00	NA	0.52	0.81	NA	0.40	0.43	NP_055554	SGSGSVGNSSRYSPSQNSPIHHIPSR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	E2	down	1.00	0.80	0.50	0.65	0.71	0.36	0.41	NP_055554	YSPSQNSPIHHIPSR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	E2	down	1.00	NA	0.64	NA	NA	0.51	NA	NP_055554	YSPSQNSPIHHIPSR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	HRG	down	1.00	0.49	NA	NA	0.29	NA	NA	NP_055554	SGSGSVGNSSRYSPSQNSPIHHIPSR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	HRG	down	1.00	0.42	1.00	0.72	0.22	0.77	0.32	NP_055554	YSPSQNSPIHHIPSR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	WT	HRG	down	1.00	0.32	NA	NA	0.15	NA	NA	NP_055554	YSPSQNSPIHHIPSR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	TamR	E2	down	1.00	NA	0.65	1.09	NA	0.33	0.99	NP_055554	NTPSQHSHSIQHSR	1
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	TamR	E2	down	1.00	0.64	NA	0.84	0.34	NA	0.60	NP_055554	YSPSQNSPIHHIPSR	2
9774	BCLAF1	BCL2-associated transcription factor 1 isoform 1	TamR	HRG	down	1.00	NA	NA	0.82	NA	NA	0.39	NP_055554	YSPSQNSPIHHIPSR	2
2186	BPTF	bromodomain PHD finger transcription factor isoform 2	TamR	E2	down	1.00	0.03	NA	NA	0.04	NA	NA	NP_004450	SALHSSVPKSTNDR	2
64207	C14orf4	chromosome 14 open reading frame 4	WT	E2	down	1.00	NA	0.44	NA	NA	0.31	NA	NP_078772	RNSSSPVSPASVPGQR	2
64207	C14orf4	chromosome 14 open reading frame 4	WT	HRG	down	1.00	NA	NA	0.53	NA	NA	0.07	NP_078772	RNSSSPVSPASVPGQR	2
64207	C14orf4	chromosome 14 open reading frame 4	WT	HRG	up	1.00	NA	NA	2.18	NA	NA	10.51	NP_078772	RNSSSPVSPASVPGQR	3
64207	C14orf4	chromosome 14 open reading frame 4	TamR	E2	down	1.00	NA	NA	0.80	NA	NA	0.48	NP_078772	RNSSSPVSPASVPGQR	2
64207	C14orf4	chromosome 14 open reading frame 4	TamR	HRG	down	1.00	NA	NA	0.28	NA	NA	0.07	NP_078772	RNSSSPVSPASVPGQR	2
64207	C14orf4	chromosome 14 open reading frame 4	TamR	HRG	up	1.00	0.90	1.37	3.55	3.64	0.86	0.82	NP_078772	RNSSSPVSPASVPGQR	2

64207	C14orf4	chromosome 14 open reading frame 4	TamR	HRG	up	1.00	NA	NA	5.41	NA	NA	13.25	NP_078772	RNSSSPVPASVPGQR	3
79169	C1orf35	hypothetical protein LOC79169	WT	E2	down	1.00	0.70	NA	0.59	0.64	NA	0.33	NP_077295	RPAEATSPTSPPERP	2
55684	C9orf86	Rab-like GTP-binding protein 1	WT	E2	down	1.00	NA	NA	0.73	NA	NA	0.50	NP_078994	RADDFVRDDPSDVTDEDEGPAEPPPPK	2
8030	CCDC6	coiled-coil domain containing 6	WT	E2	up,down	1.00	1.78	NA	NA	0.32	NA	NA	NP_005427	LQPVSAAPPSPR	2
8030	CCDC6	coiled-coil domain containing 6	WT	HRG	up	1.00	NA	2.40	9.06	NA	2.07	3.69	NP_005427	LQPVSAAPPSPR	2
8030	CCDC6	coiled-coil domain containing 6	TamR	HRG	up	1.00	NA	NA	2.22	NA	NA	3.95	NP_005427	LQPVSAAPPSPR	2
8621	CDC2L5	cell division cycle 2-like 5 isoform 2	WT	E2	down	1.00	NA	NA	0.53	NA	NA	0.31	NP_112557	IELTPEDRRP	1
9578	CDC42BPB	CDC42-binding protein kinase beta	WT	E2	down	1.00	NA	0.79	0.79	NA	0.58	0.56	NP_006026	HSTPSNSNSGPPSPNSPHR	2
9578	CDC42BPB	CDC42-binding protein kinase beta	WT	HRG	up	1.00	0.76	0.76	1.07	0.87	2.36	2.69	NP_006026	HSTPSNSNSGPPSPNSPHR	2
9578	CDC42BPB	CDC42-binding protein kinase beta	TamR	HRG	up	1.00	1.03	NA	NA	2.36	NA	NA	NP_006026	HSTPSNSNSGPPSPNSPHR	2
9620	CELSR1	cadherin EGF LAG seven-pass G-type receptor 1	WT	E2	up	1.00	NA	NA	13.07	NA	NA	2.04	NP_055061	GVLGGRRKHLHEDSATRATLLTR	1
10523	CHERP	calcium homeostasis endoplasmic reticulum protein	TamR	HRG	down	1.00	NA	NA	0.57	NA	NA	0.33	NP_006378	SRSPPTPPSAGLGSNSAPPDPDR	3
1500	CTNND1	catenin, delta 1 isoform 1B	WT	E2	down	1.00	0.78	0.48	0.59	0.77	0.38	0.41	NP_001322	GSLSLDSLRK	2
1500	CTNND1	catenin, delta 1 isoform 1B	WT	HRG	down	1.00	NA	NA	0.52	NA	NA	0.32	NP_001322	GSLSLDSLRK	2
1500	CTNND1	catenin, delta 1 isoform 1B	WT	HRG	down	1.00	NA	0.47	0.86	NA	0.42	0.54	NP_001322	GSLSLDSLRK	2
1500	CTNND1	catenin, delta 1 isoform 1B	TamR	E2	down	1.00	NA	0.60	0.53	NA	0.43	0.55	NP_001322	GSLSLDSLRK	2
2017	CTTN	cortactin isoform a	WT	E2	down	1.00	NA	NA	0.76	NA	NA	0.39	NP_005222	AKTQTPPVSPAPQTEER	2
2017	CTTN	cortactin isoform a	WT	HRG	up	1.00	NA	NA	3.92	NA	NA	15.43	NP_005222	TQTPPVSPAPQTEER	2
2017	CTTN	cortactin isoform a	TamR	HRG	up	1.00	NA	1.67	5.52	NA	15.80	6.41	NP_005222	TQTPPVSPAPQTEER	2
1627	DBN1	drebrin 1 isoform b	TamR	E2	down	1.00	0.72	NA	0.92	0.48	NA	0.74	NP_543157	LSSPVLHR	1
28988	DBNL	drebrin-like isoform a	TamR	E2	up	1.00	NA	NA	3.17	NA	NA	2.47	NP_054782	QLTOPETHFGR	1
11325	DDX42	DEAD box polypeptide 42 protein	WT	E2	down	1.00	NA	0.57	0.66	NA	0.56	0.59	NP_031398	QQFHSKPVDSDDDDLEAFMAEVEDQAAR	2
1736	DKC1	dyskerin isoform 1	WT	E2	up,down	1.00	NA	9.53	0.58	NA	3.18	0.35	NP_001354	KRESESEDETTPAAPOLIK	2
1736	DKC1	dyskerin isoform 1	WT	E2	up,down	1.00	NA	NA	1.57	NA	NA	0.49	NP_001354	KRESESEDETTPAAPOLIK	2
1736	DKC1	dyskerin isoform 1	TamR	E2	up,down	1.00	0.71	NA	3.23	0.34	NA	1.07	NP_001354	KRESESEDETTPAAPOLIK	2
1832	DSP	desmoplakin isoform II	WT	E2	down	1.00	0.81	0.60	0.67	1.24	0.58	0.51	NP_001008844	GLPSYNNMSSAPGSR	2
1838	DTNB	dystrobrevin, beta isoform 5	WT	HRG	down	1.00	NA	NA	0.68	NA	NA	0.60	NP_899205	RLPSTHQISVEQISLLNFMAIAYDSEGR	2
9149	DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B isoform a	WT	E2	down	1.00	1.02	0.82	0.85	0.73	0.37	0.47	NP_004705	IYQIQSR	1
9149	DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B isoform a	WT	HRG	down	1.00	0.82	0.83	0.79	0.64	0.68	0.78	NP_004705	IYQIQSR	1
1936	EEF1D	eukaryotic translation elongation factor 1 delta isoform 2	WT	E2	down	1.00	0.79	0.43	0.65	0.76	0.33	0.44	NP_001951	ATAPQTHVSPMR	1
1936	EEF1D	eukaryotic translation elongation factor 1 delta isoform 2	WT	E2	down	1.00	NA	0.69	0.82	NA	0.75	0.64	NP_001951	KPATPAEDDEDDDILFGSDNEEDKEAAQLR	1
1936	EEF1D	eukaryotic translation elongation factor 1 delta isoform 2	WT	HRG	down	1.00	0.63	0.69	NA	0.35	0.51	NA	NP_001951	ATAPQTHVSPMR	1
1936	EEF1D	eukaryotic translation elongation factor 1 delta isoform 2	TamR	E2	down	1.00	0.58	NA	0.66	0.44	NA	0.44	NP_001951	ATAPQTHVSPMR	1
1936	EEF1D	eukaryotic translation elongation factor 1 delta isoform 2	TamR	HRG	down	1.00	NA	0.88	NA	NA	0.53	NA	NP_001951	ATAPQTHVSPMR	1
1975	EIF4B	eukaryotic translation initiation factor 4B	WT	E2	down	1.00	NA	NA	0.78	NA	NA	0.34	NP_001408	ERHPSWR	1
1975	EIF4B	eukaryotic translation initiation factor 4B	WT	HRG	up	1.00	NA	1.27	NA	NA	1.69	NA	NP_001408	ERHPSWR	1
58513	EPS15L1	epidermal growth factor receptor pathway substrate 15-like 1	WT	E2	down	1.00	0.72	0.64	NA	0.70	0.51	NA	NP_067058	FHDTSSPLMVTPPSAEAHWAVER	1
51466	EVL	Enh/Vasp-like	WT	HRG	up	1.00	1.40	NA	NA	6.15	NA	NA	NP_057421	TPSAKSPPEAKSPLOSQPHSR	2
222584	FAM83B	hypothetical protein LOC222584	WT	E2	down	1.00	NA	0.56	NA	NA	0.94	NA	NP_001010872	RHSVAGEQPETVYLLLNLR	1
81608	FIP1L1	FIP1 like 1 isoform 1	WT	E2	down	1.00	NA	NA	0.88	NA	NA	0.44	NP_112179	ERDHSPTPVFNSDEERYR	2
2316	FLNA	filamin A, alpha isoform 1	WT	E2	down	1.00	1.26	0.70	0.85	0.89	0.48	0.46	NP_001447	CSGGLSPGMVR	1
221937	FOXX1	forkhead box K1	WT	E2	down	1.00	0.70	0.60	1.05	0.48	0.42	0.60	NP_001032242	SAPASPTHGLMSPR	2
221937	FOXX1	forkhead box K1	WT	HRG	down	1.00	0.61	0.91	0.74	0.13	0.36	0.49	NP_001032242	SAPASPTHGLMSPR	2
221937	FOXX1	forkhead box K1	WT	HRG	down	1.00	NA	NA	0.60	NA	NA	0.29	NP_001032242	SAPASPTHGLMSPR	3
221937	FOXX1	forkhead box K1	TamR	E2	down	1.00	0.78	0.99	0.52	0.51	0.72	0.23	NP_001032242	SAPASPTHGLMSPR	2
221937	FOXX1	forkhead box K1	TamR	HRG	down	1.00	0.83	0.61	0.52	0.39	0.08	0.22	NP_001032242	SAPASPTHGLMSPR	2
221937	FOXX1	forkhead box K1	TamR	HRG	down	1.00	NA	NA	0.83	NA	NA	0.36	NP_001032242	SAPASPTHGLMSPR	3
10772	FUSIP1	FUS interacting protein (serine-arginine rich) 1 isoform 1	WT	E2	down	1.00	NA	0.45	NA	NA	0.30	NA	NP_006616	SRSFDYNR	2
10772	FUSIP1	FUS interacting protein (serine-arginine rich) 1 isoform 1	WT	HRG	down	1.00	NA	0.62	0.66	NA	0.43	0.43	NP_006616	SRSFDYNR	2
10772	FUSIP1	FUS interacting protein (serine-arginine rich) 1 isoform 1	TamR	E2	down	1.00	0.50	0.88	0.75	0.32	0.72	0.58	NP_006616	SRSFDYNR	2
10772	FUSIP1	FUS interacting protein (serine-arginine rich) 1 isoform 1	TamR	HRG	down	1.00	NA	0.11	0.90	NA	0.94	0.65	NP_006616	SRSFDYNR	2
26130	GAPVD1	GTPase activating protein and VPS9 domains 1	WT	E2	down	1.00	NA	0.54	0.74	NA	0.47	0.48	NP_056450	EVSSRFPSTPLGSLVSVGSIATSEDPINKIEDLR	2
8729	GBF1	golgi-specific brefeldin A resistant guanine nucleotide exchange factor 1	WT	E2	down	1.00	NA	0.70	0.91	NA	0.57	0.75	NP_004184	GYTSDSEVYTDHGRPGK	1
2932	GSK3B	glycogen synthase kinase 3 beta	WT	E2	down	1.00	0.85	0.50	0.51	0.76	0.39	0.32	NP_002084	GEPNVSYICSR	1
2932	GSK3B	glycogen synthase kinase 3 beta	WT	HRG	down	1.00	NA	0.67	1.24	NA	0.55	0.64	NP_002084	GEPNVSYICSR	1
2932	GSK3B	glycogen synthase kinase 3 beta	TamR	E2	down	1.00	0.73	0.93	0.94	0.63	0.78	0.75	NP_002084	GEPNVSYICSR	1
2932	GSK3B	glycogen synthase kinase 3 beta	TamR	HRG	up	1.00	NA	NA	2.11	NA	NA	0.84	NP_002084	GEPNVSYICSR	1
3241	HPCAL1	hippocalcin-like 1	TamR	E2	up	1.00	NA	0.98	NA	NA	2.52	NA	NP_002140	MVSSVMKMPPEDESTPEKRTDK	4
3297	HSF1	heat shock transcription factor 1	WT	E2	down	1.00	NA	NA	0.72	NA	NA	0.55	NP_005517	VKEEPPSPQSPR	2
3297	HSF1	heat shock transcription factor 1	WT	HRG	down	1.00	NA	NA	0.72	NA	NA	0.64	NP_005517	VKEEPPSPQSPR	2
3297	HSF1	heat shock transcription factor 1	TamR	E2	down	1.00	0.58	NA	NA	0.47	NA	NA	NP_005517	VKEEPPSPQSPR	2
3315	HSPB1	heat shock protein beta-1	WT	E2	down	1.00	0.65	0.37	0.48	0.80	0.36	0.35	NP_001531	GPSWDPPFRDWPYHSR	1
3315	HSPB1	heat shock protein beta-1	WT	E2	down	1.00	NA	0.65	0.85	NA	0.78	0.81	NP_001531	LPEEWSQWLGGSWPVGYVRLPPAAIESPAVAAPAYS	1
3315	HSPB1	heat shock protein beta-1	WT	E2	down	1.00	0.81	0.42	0.68	0.87	0.33	0.39	NP_001531	QLSSGVSEIR	1
3315	HSPB1	heat shock protein beta-1	WT	HRG	up,down	1.00	0.50	NA	NA	1.74	NA	NA	NP_001531	GPSWDPPFR	1
3315	HSPB1	heat shock protein beta-1	WT	HRG	up,down	1.00	0.49	0.48	NA	1.53	3.59	NA	NP_001531	GPSWDPPFRDWPYHSR	1
3315	HSPB1	heat shock protein beta-1	WT	HRG	up	1.00	NA	1.05	1.86	NA	14.46	17.41	NP_001531	LPEEWSQWLGGSWPVGYVRLPPAAIESPAVAAPAYS	1
3315	HSPB1	heat shock protein beta-1	WT	HRG	up,down	1.00	0.53	1.34	0.96	1.35	2.57	4.02	NP_001531	QLSSGVSEIR	1
3315	HSPB1	heat shock protein beta-1	TamR	E2	down	1.00	0.55	NA	0.51	0.35	NA	0.43	NP_001531	GPSWDPPFR	1
3315	HSPB1	heat shock protein beta-1	TamR	E2	down	1.00	NA	0.55	0.57	NA	0.38	0.54	NP_001531	GPSWDPPFRDWPYHSR	1
3315	HSPB1	heat shock protein beta-1	TamR	E2	down	1.00	0.50	0.68	0.73	0.24	0.34	0.54	NP_001531	QLSSGVSEIR	1
3315	HSPB1	heat shock protein beta-1	TamR	HRG	up	1.00	NA	NA	1.31	NA	NA	1.72	NP_001531	GPSWDPPFR	1
3315	HSPB1	heat shock protein beta-1	TamR	HRG	up	1.00	NA	NA	1.20	NA	NA	1.58	NP_001531	QLSSGVSEIR	1
3488	IGFBP5	insulin-like growth factor binding protein 5	WT	E2	down	1.00	NA	NA	0.18	NA	NA	0.07	NP_000590	IERDSREHEEPTTSEMAEETYSRK	2
3488	IGFBP5	insulin-like growth factor binding protein 5	TamR	E2	down	1.00	NA	NA	1.08	NA	NA	0.36	NP_000590	IERDSREHEEPTTSEMAEETYSRK	2
3667	IRS1	insulin receptor substrate 1	WT	HRG	up	1.00	NA	1.92	NA	NA	41.45	NA	NP_005535	RHSSETFSSSTPSATR	2
3667	IRS1	insulin receptor substrate 1	WT	HRG	up	1.00	NA	NA	1.39	NA	NA	2.77	NP_005535	SVTPDSLGHTPPAR	2
10657	KHDRBS1	KH domain containing, RNA binding, signal transduction associated 1	WT	HRG	up	1.00	0.88	NA	NA	2.97	NA	NA	NP_006550	SGSMDPSGAHPSVR	1
10657	KHDRBS1	KH domain containing, RNA binding, signal transduction associated 1	TamR	E2	down	1.00	0.73	NA	NA	0.19	NA	NA	NP_006550	SGSMDPSGAHPSVR	1
10657	KHDRBS1	KH domain containing, RNA binding, signal transduction associated 1	TamR	HRG	up	1.00	1.32	1.68	6.33	14.55	9.74	3.73	NP_006550	SGSMDPSGAHPSVR	1
80728	KIAA1688	KIAA1688 protein	WT	E2	up	1.00	NA	NA	0.67	NA	NA	6.13	NP_079527	KPSGDSQPSSPR	2
3875	KRT18	keratin 18	WT	E2	up,down	1.00	0.62	6.87	0.73	2.37	0.70	1.53	NP_000215	STFSTNYR	1
3875	KRT18	keratin 18	WT	HRG	up,down	1.00	0.39	3.63	NA	1.51	1.15	NA	NP_000215	STFSTNYR	1
3856	KRT8	keratin 8	WT	HRG	up	1.00	1.05	1.00	1.10	3.20	3.34	2.59	NP_002264	TTSGYAGLLSSAYGGLTSPGLSLSLSSGSGAGSSSFSR	1
23367	LARP1	la related protein isoform 1	TamR	HRG	up	1.00	NA	NA	4.77	NA	NA	11.08	NP_056130	SLPTTVPEPNYR	2

3993 LLGL2	lethal giant larvae homolog 2 isoform a	WT	E2	down	1.00	NA	NA	0.59	NA	NA	0.26	NP_004515	ARNSGTQSDGEEKQPLVMER	2
4000 LMNA	lamin A/C isoform 2	WT	E2	down	1.00	0.56	0.73	0.97	0.27	0.24	0.32	NP_005563	LRLSPSPTSQR	2
4000 LMNA	lamin A/C isoform 2	WT	HRG	down	1.00	0.48	0.90	0.92	0.20	0.40	0.39	NP_005563	LRLSPSPTSQR	2
4000 LMNA	lamin A/C isoform 2	TamR	E2	down	1.00	0.59	0.73	0.85	0.36	0.26	0.56	NP_005563	LRLSPSPTSQR	2
4000 LMNA	lamin A/C isoform 2	TamR	HRG	down	1.00	1.11	NA	1.09	0.67	NA	0.65	NP_005563	LRLSPSPTSQR	2
4001 LMNB1	lamin B1	WT	E2	down	1.00	0.76	0.53	NA	0.68	0.43	NA	NP_005564	LKLSPPSSSR	2
4001 LMNB1	lamin B1	WT	HRG	down	1.00	NA	0.93	0.64	NA	0.74	0.82	NP_005564	LKLSPPSSSR	2
728927 LOC728927	PREDICTED: similar to hCG40110	WT	E2	up	1.00	NA	1.28	NA	NA	5.52	NA	XP_001128828	ASSWFSLHRIKRIHTR	2
26065 LSM14A	LSM14 homolog A isoform b	WT	E2	down	1.00	0.68	0.45	0.69	0.55	0.34	0.36	NP_056393	SSPQLDPLRKSPTEMQAVQTASAHLPPAAVGR	2
26065 LSM14A	LSM14 homolog A isoform b	WT	HRG	down	1.00	0.60	NA	NA	0.39	NA	NA	NP_056393	SSPQLDPLRKSPTEMQAVQTASAHLPPAAVGR	2
26065 LSM14A	LSM14 homolog A isoform b	TamR	E2	down	1.00	NA	0.59	0.85	NA	0.35	0.69	NP_056393	SSPQLDPLRKSPTEMQAVQTASAHLPPAAVGR	2
10916 MAGED2	melanoma antigen family D, 2	WT	E2	up,down	1.00	NA	1.56	NA	NA	0.66	NA	NP_055414	ARKVKHLGDGEEGSSDQSQASGTTGGR	4
4133 MAP2	microtubule-associated protein 2 isoform 1	WT	E2	down	1.00	NA	0.37	0.33	NA	0.33	0.26	NP_002365	VAIIRTPPKSPATPK	2
4133 MAP2	microtubule-associated protein 2 isoform 1	WT	HRG	down	1.00	NA	NA	0.31	NA	NA	0.11	NP_002365	TPGTPGTPSYPR	2
4133 MAP2	microtubule-associated protein 2 isoform 1	WT	HRG	down	1.00	NA	0.55	NA	NA	0.61	NA	NP_002365	VAIIRTPPKSPATPK	2
5594 MAPK1	mitogen-activated protein kinase 1	WT	HRG	up	1.00	3.92	6.97	6.89	7.99	11.01	7.05	NP_620407	VADPDHDHTGFLTVEYVATR	1
5594 MAPK1	mitogen-activated protein kinase 1	TamR	HRG	up	1.00	NA	13.22	15.95	NA	10.79	9.57	NP_620407	VADPDHDHTGFLTVEYVATR	1
5595 MAPK3	mitogen-activated protein kinase 3 isoform 2	WT	E2	down	1.00	NA	NA	0.40	NA	NA	0.39	NP_001035145	IADPEHDHTGFLTVEYVATR	1
5595 MAPK3	mitogen-activated protein kinase 3 isoform 2	WT	HRG	up	1.00	2.82	21.85	15.52	0.75	48.39	20.03	NP_001035145	IADPEHDHTGFLTVEYVATR	1
5595 MAPK3	mitogen-activated protein kinase 3 isoform 2	TamR	E2	down	1.00	1.07	0.62	0.15	0.20	0.30	0.18	NP_001035145	IADPEHDHTGFLTVEYVATR	1
5595 MAPK3	mitogen-activated protein kinase 3 isoform 2	TamR	HRG	up	1.00	6.75	14.54	18.23	12.78	11.61	11.19	NP_001035145	IADPEHDHTGFLTVEYVATR	1
4137 MAPT	microtubule-associated protein tau isoform 2	WT	E2	down	1.00	0.77	0.59	0.82	0.53	0.34	0.57	NP_005901	KVAVVRTPPKSPSSAK	2
4137 MAPT	microtubule-associated protein tau isoform 2	WT	E2	down	1.00	0.72	0.53	0.73	0.47	0.25	0.32	NP_005901	VAVVRTPPKSPSSAK	2
4137 MAPT	microtubule-associated protein tau isoform 2	WT	HRG	down	1.00	0.64	NA	NA	0.32	NA	NA	NP_005901	KVAVVRTPPKSPSSAK	2
4137 MAPT	microtubule-associated protein tau isoform 2	WT	HRG	down	1.00	0.44	0.92	NA	0.16	0.38	NA	NP_005901	VAVVRTPPKSPSSAK	2
4137 MAPT	microtubule-associated protein tau isoform 2	TamR	E2	down	1.00	NA	NA	0.07	NA	NA	0.21	NP_005901	TDHGAEIYKSPVVGDTSPR	3
4137 MAPT	microtubule-associated protein tau isoform 2	TamR	E2	down	1.00	NA	0.75	NA	NA	0.49	NA	NP_005901	VAVVRTPPKSPSSAK	2
4137 MAPT	microtubule-associated protein tau isoform 2	TamR	HRG	down	1.00	NA	NA	0.80	NA	NA	0.41	NP_005901	TDHGAEIYKSPVVGDTSPR	3
4147 MATN2	matrilin 2 isoform a precursor	TamR	HRG	down	1.00	NA	NA	0.46	NA	NA	1.11	NP_002371	VPRAAIVFDGR	1
9782 MATR3	matrin 3	TamR	HRG	up	1.00	NA	NA	7.75	NA	NA	8.66	NP_061322	RDSFDDRGPSLNPVLVDYDHGSR	1
4171 MCM2	minichromosome maintenance complex component 2	WT	E2	down	1.00	NA	NA	0.74	NA	NA	0.44	NP_004517	GLLYDSEDEEERPAR	1
4236 MFAP1	microfibrillar-associated protein 1	TamR	HRG	down	1.00	NA	NA	0.65	NA	NA	0.62	NP_005917	RPDYAFMESSDEEDEFQIK	2
79083 MLPH	melanophilin isoform 1	WT	E2	down	1.00	NA	0.77	0.80	NA	0.60	0.66	NP_077006	LLSVHDFDFEGSDSDTQPOGHSLLHSSVPEAR	2
79083 MLPH	melanophilin isoform 1	WT	HRG	down	1.00	0.66	NA	NA	0.36	NA	NA	NP_077006	LLSVHDFDFEGSDSDTQPOGHSLLHSSVPEAR	2
79083 MLPH	melanophilin isoform 1	WT	HRG	down	1.00	0.72	NA	NA	0.42	NA	NA	NP_077006	LLSVHDFDFEGSDSDTQPOGHSLLHSSVPEAR	1
23164 MPRIP	myosin phosphatase-Rho interacting protein isoform 2	WT	E2	down	1.00	0.79	0.02	NA	0.78	0.02	NA	NP_958431	SKTFDWAEFRPQQALAQER	1
23164 MPRIP	myosin phosphatase-Rho interacting protein isoform 2	WT	HRG	down	1.00	NA	0.04	NA	NA	0.03	NA	NP_958431	SKTFDWAEFRPQQALAQER	1
4869 NPM1	nucleophosmin 1 isoform 1	WT	E2	down	1.00	0.73	0.55	0.88	0.73	0.57	0.83	NP_002511	MEDSMDMDMSPLRPQNYLFGCELK	1
4869 NPM1	nucleophosmin 1 isoform 1	WT	HRG	down	1.00	0.54	0.82	0.85	0.38	0.98	1.04	NP_002511	MEDSMDMDMSPLRPQNYLFGCELK	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	WT	E2	down	1.00	NA	NA	0.64	NA	NA	0.49	NP_073568	KVDYSQFQESDDADEYGR	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	WT	E2	down	1.00	NA	NA	0.59	NA	NA	0.41	NP_073568	KVDYSQFQESDDADEYGRDSDGPPTK	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	WT	E2	down	1.00	NA	NA	0.65	NA	NA	0.45	NP_073568	VVDYSQFQESDDADEYGR	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	WT	E2	down	1.00	NA	NA	0.61	NA	NA	0.41	NP_073568	VVDYSQFQESDDADEYGRDSDGPPTK	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	WT	E2	down	1.00	NA	NA	0.59	NA	NA	0.42	NP_073568	VVDYSQFQESDDADEYGRDSDGPPTK	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	WT	HRG	down	1.00	NA	0.66	0.55	NA	0.69	0.45	NP_073568	VVDYSQFQESDDADEYGR	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	WT	HRG	down	1.00	0.55	NA	NA	0.47	NA	NA	NP_073568	VVDYSQFQESDDADEYGRDSDGPPTK	1
64710 NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	TamR	E2	down	1.00	0.57	0.96	NA	0.46	0.83	NA	NP_073568	KVDYSQFQESDDADEYGR	1
55690 PACS1	phosphofurin acidic cluster sorting protein 1	WT	E2	down	1.00	NA	0.77	0.58	NA	0.40	0.34	NP_060496	TNSSDSERSPDLGHSTQIPR	2
55690 PACS1	phosphofurin acidic cluster sorting protein 1	WT	HRG	down	1.00	0.53	0.88	NA	0.35	0.51	NA	NP_060496	TNSSDSERSPDLGHSTQIPR	2
55690 PACS1	phosphofurin acidic cluster sorting protein 1	TamR	E2	down	1.00	0.45	NA	0.78	0.24	NA	0.46	NP_060496	TNSSDSERSPDLGHSTQIPR	2
55690 PACS1	phosphofurin acidic cluster sorting protein 1	TamR	HRG	down	1.00	NA	0.74	NA	NA	0.32	NA	NP_060496	TNSSDSERSPDLGHSTQIPR	2
10298 PAK4	p21-activated kinase 4 isoform 1	WT	E2	down	1.00	0.99	0.74	NA	0.96	0.65	NA	NP_005875	SLVGTPYYMAPELISR	1
55742 PARVA	parvin, alpha	WT	E2	down	1.00	NA	0.34	0.22	NA	1.09	0.15	NP_060692	SPSVPKSPTPKSPPSR	2
55742 PARVA	parvin, alpha	WT	HRG	down	1.00	0.46	NA	NA	0.72	NA	NA	NP_060692	SPSVPKSPTPKSPPSR	2
51585 PCF11	pre-mRNA cleavage complex II protein Pcf11	TamR	E2	down	1.00	0.88	NA	NA	0.60	NA	NA	NP_056969	SRSPIIHSFK	2
5130 PCYT1A	phosphate cytidylyltransferase 1, choline, alpha	WT	E2	down	1.00	NA	0.40	0.58	NA	0.34	0.35	NP_005008	WPFSGKTSPPCSPANLSR	2
5130 PCYT1A	phosphate cytidylyltransferase 1, choline, alpha	WT	HRG	down	1.00	NA	0.30	0.34	NA	0.35	0.27	NP_005008	TSPPCSPANLSR	2
5130 PCYT1A	phosphate cytidylyltransferase 1, choline, alpha	TamR	E2	down	1.00	0.38	NA	0.56	0.45	NA	0.41	NP_005008	TSPPCSPANLSR	2
5130 PCYT1A	phosphate cytidylyltransferase 1, choline, alpha	TamR	HRG	down	1.00	0.59	0.76	1.27	0.49	0.68	0.54	NP_005008	TSPPCSPANLSR	2
5160 PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1 precursor	WT	E2	down	1.00	0.40	0.29	0.41	0.65	0.50	0.56	NP_000275	YHGHSMSDPGVSYR	1
5160 PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1 precursor	WT	E2	down	1.00	NA	0.18	0.22	NA	0.23	0.17	NP_000275	YHGHSMSDPGVSYR	2
5160 PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1 precursor	WT	HRG	down	1.00	0.29	0.33	0.19	0.18	0.45	0.36	NP_000275	YHGHSMSDPGVSYR	1
5160 PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1 precursor	WT	HRG	down	1.00	NA	0.04	0.17	NA	0.06	0.29	NP_000275	YHGHSMSDPGVSYR	2
5160 PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1 precursor	TamR	E2	down	1.00	NA	NA	0.50	NA	NA	0.34	NP_000275	YHGHSMSDPGVSYR	1
23037 PDZD2	PDZ domain containing 2	TamR	HRG	up	1.00	NA	NA	12.82	NA	NA	8.92	NP_835260	TSVDTGQVSRPENPSPASPRVTKCK	3
27043 PELP1	proline, glutamic acid and leucine rich protein 1	WT	E2	down	1.00	NA	0.59	0.76	NA	0.43	0.43	NP_055204	LRSPRGSPDGLQTKGPSAPK	2
27043 PELP1	proline, glutamic acid and leucine rich protein 1	WT	HRG	down	1.00	0.54	0.80	NA	0.33	0.65	NA	NP_055204	LRSPRGSPDGLQTKGPSAPK	2
80012 PHC3	polyhomeotic like 3	WT	E2	down	1.00	0.87	0.56	0.78	0.87	0.50	0.58	NP_079223	MDRTPPPPTLSPAIVTGR	2
84295 PHF6	PHD finger protein 6 isoform 1	TamR	HRG	down	1.00	NA	0.79	NA	NA	0.43	NA	NP_115834	DRSPHRSSSDTRPK	2
55361 PI4K2A	phosphatidylinositol 4-kinase type 2 alpha	WT	HRG	down	1.00	NA	0.01	0.81	NA	0.01	0.97	NP_060895	VAAAAGSGPSPGSPGHDR	2
55361 PI4K2A	phosphatidylinositol 4-kinase type 2 alpha	TamR	E2	down	1.00	NA	NA	0.59	NA	NA	0.47	NP_060895	VAAAAGSGPSPGSPGHDR	2
55361 PI4K2A	phosphatidylinositol 4-kinase type 2 alpha	TamR	HRG	up	1.00	NA	NA	1.68	NA	NA	2.08	NP_060895	VAAAAGSGPSPGSPGHDR	2
8502 PKP4	plakophilin 4 isoform a	WT	E2	down	1.00	NA	0.40	0.66	NA	0.41	0.43	NP_003619	AASPYSQRPASPTAIR	2
8502 PKP4	plakophilin 4 isoform a	WT	HRG	down	1.00	0.60	NA	NA	0.57	NA	NA	NP_003619	AASPYSQRPASPTAIR	2
5339 PLEC1	plectin 1 isoform 3	WT	HRG	up,down	1.00	NA	2.10	NA	NA	0.33	NA	NP_958781	GYSPYSYVSGSGTAGSR	1
5339 PLEC1	plectin 1 isoform 3	WT	HRG	up	1.00	NA	1.43	1.78	NA	6.60	1.16	NP_958781	SSSVGSSSSYPISPAVSR	2
5339 PLEC1	plectin 1 isoform 3	TamR	HRG	up	1.00	NA	NA	5.22	NA	NA	10.40	NP_958781	SSSVGSSSSYPISPAVSR	2
5371 PML	promyelocytic leukemia protein isoform 6	WT	E2	up,down	1.00	0.19	1.14	1.65	0.13	0.34	0.56	NP_002666	AVSPPHLDGPPSPR	2
5371 PML	promyelocytic leukemia protein isoform 6	WT	HRG	up,down	1.00	0.91	1.56	0.01	0.29	0.31	0.00	NP_002666	AVSPPHLDGPPSPR	2
5411 PNN	pinin, desmosome associated protein	WT	E2	down	1.00	NA	NA	0.53	NA	NA	0.25	NP_002678	RESRQESDEPDDVKKPALQSSVATSK	2
8500 PPF1A1	PTPRF interacting protein alpha 1 isoform b	WT	E2	down	1.00	NA	0.50	NA	NA	0.27	NA	NP_003617	GALHTVSHEDIR	1
8500 PPF1A1	PTPRF interacting protein alpha 1 isoform b	WT	HRG	down	1.00	0.64	NA	NA	0.44	NA	NA	NP_003617	GALHTVSHEDIR	1
8500 PPF1A1	PTPRF interacting protein alpha 1 isoform b	TamR	E2	down	1.00	NA	NA	0.61	NA	NA	0.45	NP_003617	GALHTVSHEDIR	1
51535 PPHLN1	periplin 1 isoform 5	WT	E2	down	1.00	NA	0.41	NA	NA	0.34	NA	NP_958846	DKERPVQLKTSRDTSPSSGSAVSSSK	2
51535 PPHLN1	periplin 1 isoform 5	WT	E2	down	1.00	NA	0.40	0.57	NA	0.42	0.39	NP_958846	ERPVSQKTSRDTSPSSGSAVSSSK	2

51535	PPHLN1	periphilin 1 isoform 5	WT	HRG	down	1.00	0.55	NA	NA	0.30	NA	NP_958846	ERPVSQSLKTRSDTSPSSGSAVSSSK	2	
9360	PIIG	peptidylprolyl isomerase G	WT	E2	down	1.00	NA	0.52	0.77	NA	0.38	0.43	NP_004783	FRRSETPPHWR	2
9360	PIIG	peptidylprolyl isomerase G	WT	HRG	down	1.00	0.65	0.72	NA	0.40	0.58	NA	NP_004783	FRRSETPPHWR	2
9360	PIIG	peptidylprolyl isomerase G	TamR	E2	down	1.00	0.61	NA	NA	0.38	NA	NA	NP_004783	RSETPPHWR	2
5510	PPP1R7	protein phosphatase 1, regulatory subunit 7	WT	E2	down	1.00	NA	NA	1.23	NA	NA	0.62	NP_002703	GAGQQSQSEMMEVDRRVESEESGDEEGKK	2
8899	PRPF4B	serine/threonine-protein kinase PRP4K	WT	E2	down	1.00	NA	0.48	0.68	NA	0.47	0.49	NP_003904	LCDFGSASHVADNDITPYLVSR	1
8899	PRPF4B	serine/threonine-protein kinase PRP4K	WT	HRG	down	1.00	0.44	0.66	NA	0.24	0.71	NA	NP_003904	LCDFGSASHVADNDITPYLVSR	1
8899	PRPF4B	serine/threonine-protein kinase PRP4K	TamR	E2	down	1.00	0.94	0.82	0.70	0.95	0.63	0.52	NP_003904	LCDFGSASHVADNDITPYLVSR	1
10728	PTGES3	inactive progesterone receptor, 23 kD	TamR	HRG	down	1.00	NA	NA	0.83	NA	NA	0.64	NP_006592	DWEDDSDSDMSNDFR	1
389677	RBM12B	RNA binding motif protein 12B	WT	E2	up	1.00	NA	0.69	NA	NA	4.56	NA	NP_976324	RPPEEDFRHSPEEDFR	1
389677	RBM12B	RNA binding motif protein 12B	WT	E2	down	1.00	NA	NA	0.71	NA	NA	0.48	NP_976324	RPPEEDFRHSPEEDFRQSPQEHFR	2
389677	RBM12B	RNA binding motif protein 12B	WT	HRG	down	1.00	NA	0.60	NA	NA	0.51	NA	NP_976324	RPPEEDFRHSPEEDFRQSPQEHFR	2
389677	RBM12B	RNA binding motif protein 12B	TamR	E2	down	1.00	0.68	0.77	0.79	0.51	0.50	0.54	NP_976324	RPPEEDFRHSPEEDFRQSPQEHFR	2
389677	RBM12B	RNA binding motif protein 12B	TamR	HRG	down	1.00	NA	0.78	NA	NA	0.46	NA	NP_976324	RPPEEDFRHSPEEDFRQSPQEHFR	2
10432	RBM14	RNA binding motif protein 14	WT	E2	down	1.00	0.79	0.52	NA	0.77	0.42	NA	NP_006319	QPTPPFFGR	1
10432	RBM14	RNA binding motif protein 14	WT	HRG	down	1.00	NA	0.63	NA	NA	0.52	NA	NP_006319	QPTPPFFGR	1
64783	RBM15	RNA binding motif protein 15	WT	E2	down	1.00	NA	0.75	0.74	NA	0.59	0.47	NP_073605	HCAPSPDRSPELSSSR	2
64783	RBM15	RNA binding motif protein 15	WT	E2	down	1.00	NA	NA	0.82	NA	NA	0.56	NP_073605	HLDRSPESDRPR	1
64783	RBM15	RNA binding motif protein 15	WT	E2	down	1.00	NA	0.53	NA	NA	0.64	NA	NP_073605	SLSPGGGAALGYR	1
64783	RBM15	RNA binding motif protein 15	WT	E2	down	1.00	0.93	0.50	0.71	0.86	0.47	0.65	NP_073605	SRSPDKDTYPPASVVGASVGGHR	2
64783	RBM15	RNA binding motif protein 15	WT	HRG	down	1.00	NA	0.66	NA	NA	0.66	NA	NP_073605	HCAPSPDRSPELSSSR	2
64783	RBM15	RNA binding motif protein 15	WT	HRG	down	1.00	0.76	0.77	0.81	0.66	0.72	0.71	NP_073605	SRSPDKDTYPPASVVGASVGGHR	2
64783	RBM15	RNA binding motif protein 15	TamR	E2	down	1.00	0.55	NA	0.79	0.32	NA	0.52	NP_073605	HCAPSPDRSPELSSSR	2
9584	RBM39	RNA binding motif protein 39 isoform b	WT	E2	down	1.00	NA	0.42	0.88	NA	0.35	0.51	NP_004893	YRSPYSGPK	1
9584	RBM39	RNA binding motif protein 39 isoform b	WT	HRG	down	1.00	0.80	0.64	NA	0.69	0.34	NA	NP_004893	YRSPYSGPK	1
85021	REPS1	RALBP1 associated Eps domain containing 1 isoform a	WT	HRG	down	1.00	NA	0.63	NA	NA	0.67	NA	NP_114128	SHSGTSPDNTAPPPPPRPQPSHSR	2
85021	REPS1	RALBP1 associated Eps domain containing 1 isoform a	TamR	E2	down	1.00	0.56	NA	0.72	0.44	NA	0.58	NP_114128	SHSGTSPDNTAPPPPPRPQPSHSR	2
84220	RGPD5	RANBP2-like and GRIP domain containing 5 isoform 2	WT	HRG	up	1.00	NA	NA	3.25	NA	NA	35.76	NP_115636	QLCGTER	1
60626	RIC8A	resistance to inhibitors of cholinesterase 8 homolog A	WT	E2	down	1.00	NA	NA	0.78	NA	NA	0.66	NP_068751	GLMAGGRPEGQYSEDEDTTDEYKEAK	2
9912	RICH2	Rho GTPase-activating protein RICH2	WT	E2	up	1.00	NA	NA	0.87	NA	NA	26.23	NP_055674	LVLDMDSSR	1
127099	RPLP1_1_124	PREDICTED: hypothetical protein	WT	E2	up,down	1.00	NA	NA	3.14	NA	NA	0.61	XP_060328	MASISQLACIYLVFILYEDEVTVREDK	3
6194	RPS6	ribosomal protein S6	WT	E2	down	1.00	NA	0.79	0.91	NA	0.07	0.19	NP_001001	RLSSLRASTSK	2
6194	RPS6	ribosomal protein S6	WT	HRG	up,down	1.00	NA	NA	2.94	NA	NA	0.28	NP_001001	LSSLRASTSK	2
6194	RPS6	ribosomal protein S6	WT	HRG	down	1.00	0.83	NA	NA	0.44	NA	NA	NP_001001	RLSSLRASTSK	2
6194	RPS6	ribosomal protein S6	WT	HRG	up,down	1.00	NA	NA	1.76	NA	NA	0.54	NP_001001	RLSSLRASTSK	3
58506	SCAF1	SR-related CTD-associated factor 1	WT	E2	down	1.00	0.53	0.60	0.75	0.20	0.40	0.35	NP_067051	QRSPSPAPAPAAAAAGPPTR	2
58506	SCAF1	SR-related CTD-associated factor 1	WT	HRG	down	1.00	0.57	0.91	0.82	0.32	0.53	0.45	NP_067051	QRSPSPAPAPAAAAAGPPTR	2
58506	SCAF1	SR-related CTD-associated factor 1	TamR	E2	down	1.00	NA	0.78	0.66	NA	0.41	0.42	NP_067051	QRSPSPAPAPAAAAAGPPTR	2
58506	SCAF1	SR-related CTD-associated factor 1	TamR	HRG	down	1.00	0.78	0.69	0.92	0.53	0.40	0.69	NP_067051	QRSPSPAPAPAAAAAGPPTR	2
9919	SEC16A	SEC16 homolog A	WT	HRG	up	1.00	NA	1.07	0.90	NA	1.12	1.89	NP_055681	SLHSAHSLASR	2
9919	SEC16A	SEC16 homolog A	TamR	E2	down	1.00	0.93	NA	1.23	0.65	NA	0.79	NP_055681	SLHSAHSLASR	2
9919	SEC16A	SEC16 homolog A	TamR	HRG	down	1.00	NA	0.85	NA	NA	0.43	NA	NP_055681	SLHSAHSLASR	2
4735	SEPT2	septin 2	WT	E2	down	1.00	0.67	0.47	0.73	0.56	0.35	0.43	NP_004395	IYHLPDAEDEDDEFKEQTR	1
4735	SEPT2	septin 2	WT	HRG	down	1.00	0.39	0.65	0.81	0.16	0.49	0.73	NP_004395	IYHLPDAEDEDDEFKEQTR	1
4735	SEPT2	septin 2	TamR	E2	down	1.00	0.40	0.42	0.41	0.20	0.17	0.17	NP_004395	IYHLPDAEDEDDEFKEQTR	1
4735	SEPT2	septin 2	TamR	HRG	down	1.00	NA	0.60	0.88	NA	0.35	0.79	NP_004395	IYHLPDAEDEDDEFKEQTR	1
10801	SEPT9	septin 9 isoform c	WT	E2	down	1.00	0.97	0.68	NA	0.77	0.62	NA	NP_006631	SFEVEEVETPNSTPPR	1
10801	SEPT9	septin 9 isoform c	WT	HRG	down	1.00	0.75	0.86	NA	0.44	0.66	NA	NP_006631	SFEVEEVETPNSTPPR	1
26135	SERBP1	SERPINE1 mRNA binding protein 1 isoform 1	WT	E2	down	1.00	NA	0.54	0.78	NA	0.28	0.39	NP_001018077	SKSEEAHAEDSVMDDHFR	1
26135	SERBP1	SERPINE1 mRNA binding protein 1 isoform 1	WT	HRG	down	1.00	0.59	0.52	NA	0.32	0.32	NA	NP_001018077	SKSEEAHAEDSVMDDHFR	1
57794	SF4	splicing factor 4	WT	E2	down	1.00	NA	0.38	0.71	NA	0.32	0.88	NP_757386	AVQGHQHGYDSDDEVDSELGTWEHQLR	1
57794	SF4	splicing factor 4	WT	HRG	down	1.00	0.58	0.75	NA	0.46	0.76	NA	NP_757386	AVQGHQHGYDSDDEVDSELGTWEHQLR	1
6434	SFRS10	splicing factor, arginine/serine-rich 10	WT	E2	down	1.00	NA	0.50	0.63	NA	0.42	0.35	NP_004584	RHSHSHSPMSTR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	WT	E2	down	1.00	NA	0.03	0.74	NA	0.08	0.41	NP_004584	RHSHSHSPMSTR	3
6434	SFRS10	splicing factor, arginine/serine-rich 10	WT	E2	down	1.00	NA	NA	0.83	NA	NA	0.46	NP_004584	RRHSHSHSPMSTR	3
6434	SFRS10	splicing factor, arginine/serine-rich 10	WT	HRG	up,down	1.00	0.52	0.63	NA	0.37	1.89	NA	NP_004584	RHSHSHSPMSTR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	WT	HRG	down	1.00	0.75	NA	NA	0.65	NA	NA	NP_004584	RPHPTPTGIYMGPRPTYGSSR	1
6434	SFRS10	splicing factor, arginine/serine-rich 10	WT	HRG	down	1.00	0.50	1.12	NA	0.22	0.90	NA	NP_004584	RRSPSPYYSR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	E2	down	1.00	0.64	0.83	1.01	0.42	0.68	0.77	NP_004584	RHSHSHSPMSTR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	E2	down	1.00	0.57	0.77	0.37	0.35	0.46	0.41	NP_004584	RHSHSHSPMSTR	3
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	E2	down	1.00	0.68	0.72	0.99	0.35	0.42	0.64	NP_004584	RRSPSPYYSR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	E2	down	1.00	0.53	NA	NA	0.34	NA	NA	NP_004584	RSPSPYYSR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	HRG	down	1.00	1.04	0.73	NA	0.62	0.41	NA	NP_004584	HSHSHSPMSTR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	HRG	down	1.00	NA	0.62	NA	NA	0.46	NA	NP_004584	RHSHSHSPMSTR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	HRG	down	1.00	0.73	0.33	0.81	0.48	0.21	0.50	NP_004584	RHSHSHSPMSTR	3
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	HRG	down	1.00	0.57	NA	0.84	0.25	NA	1.18	NP_004584	RRSPSPYYSR	2
6434	SFRS10	splicing factor, arginine/serine-rich 10	TamR	HRG	down	1.00	NA	NA	0.81	NA	NA	0.60	NP_004584	RSPSPYYSR	2
6426	SFRS1	splicing factor, arginine/serine-rich 1 isoform 1	WT	E2	down	1.00	0.56	0.46	0.80	0.39	0.30	0.44	NP_008855	VKVDGPRSPSYGR	2
6426	SFRS1	splicing factor, arginine/serine-rich 1 isoform 1	WT	HRG	down	1.00	0.51	0.73	0.67	0.29	0.52	0.63	NP_008855	VKVDGPRSPSYGR	2
6426	SFRS1	splicing factor, arginine/serine-rich 1 isoform 1	TamR	E2	down	1.00	0.73	0.73	0.63	0.65	0.41	0.44	NP_008855	VKVDGPRSPSYGR	2
6426	SFRS1	splicing factor, arginine/serine-rich 1 isoform 1	TamR	HRG	down	1.00	NA	NA	0.62	NA	NA	0.33	NP_008855	VDGPRSPSYGR	2
6426	SFRS1	splicing factor, arginine/serine-rich 1 isoform 1	TamR	HRG	down	1.00	NA	NA	0.79	NA	NA	0.66	NP_008855	VKVDGPRSPSYGR	2
6430	SFRS5	splicing factor, arginine/serine-rich 5	WT	E2	down	1.00	NA	NA	0.49	NA	NA	0.51	NP_001034554	SRSVSRSPVPEKSQK	2
8683	SFRS9	splicing factor, arginine/serine-rich 9	WT	E2	down	1.00	0.73	0.40	0.69	0.74	0.32	0.46	NP_003760	GSPHYFSPFRPY	1
8683	SFRS9	splicing factor, arginine/serine-rich 9	WT	E2	down	1.00	0.71	0.45	0.55	0.71	0.45	0.39	NP_003760	GSPHYFSPFRPY	2
8683	SFRS9	splicing factor, arginine/serine-rich 9	WT	HRG	down	1.00	0.47	0.56	0.69	0.29	0.52	0.66	NP_003760	GSPHYFSPFRPY	1
8683	SFRS9	splicing factor, arginine/serine-rich 9	TamR	E2	down	1.00	0.94	0.96	0.86	0.91	0.69	0.65	NP_003760	GSPHYFSPFRPY	1
8683	SFRS9	splicing factor, arginine/serine-rich 9	TamR	HRG	down	1.00	NA	0.93	0.83	NA	0.76	0.61	NP_003760	GSPHYFSPFRPY	1
8683	SFRS9	splicing factor, arginine/serine-rich 9	TamR	HRG	down	1.00	NA	NA	0.91	NA	NA	0.50	NP_003760	GSPHYFSPFRPY	2
9368	SLC9A3R1	sodium/hydrogen exchanger regulatory factor 1	WT	HRG	up,down	1.00	0.56	NA	NA	1.51	NA	NA	NP_004243	EALAEAALESPPALVR	1
6599	SMARCC1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c1	WT	E2	down	1.00	0.71	0.41	0.60	0.56	0.33	0.31	NP_003065	KHSPSPPPPPTTESR	2
6599	SMARCC1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c1	WT	HRG	down	1.00	NA	0.56	NA	NA	0.37	NA	NP_003065	KHSPSPPPPPTTESR	2
6599	SMARCC1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c1	TamR	E2	down	1.00	0.69	NA	0.99	0.58	NA	0.94	NP_003065	KHSPSPPPPPTTESR	2
6599	SMARCC1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c1	TamR	HRG	down	1.00	1.33	0.62	NA	0.39	0.31	NA	NP_003065	KHSPSPPPPPTTESR	2
79753	SNIP1	Smad nuclear interacting protein	WT	E2	down	1.00	0.93	0.70	NA	0.99	0.61	NA	NP_078976	RPDHSGGSPSPPTSEPAR	

6625 SNRNP70	U1 small nuclear ribonucleoprotein 70 kDa	TamR	E2	down	1.00	NA	NA	0.66	NA	NA	0.49	NP_003080	YDERPGSPPLPHR	1
22938 SNW1	SKI-interacting protein	WT	E2	down	1.00	0.51	0.31	0.62	0.40	0.25	0.29	NP_036377	GPPSPAPVMHSPSR	2
22938 SNW1	SKI-interacting protein	WT	E2	down	1.00	NA	0.45	0.67	NA	0.30	0.35	NP_036377	GPPSPAPVMHSPSRK	2
22938 SNW1	SKI-interacting protein	WT	HRG	down	1.00	0.66	0.51	0.53	0.45	0.34	0.36	NP_036377	GPPSPAPVMHSPSR	2
22938 SNW1	SKI-interacting protein	WT	HRG	down	1.00	0.59	0.74	0.82	0.35	0.54	0.59	NP_036377	GPPSPAPVMHSPSRK	2
22938 SNW1	SKI-interacting protein	TamR	E2	down	1.00	0.64	0.72	0.47	0.50	0.50	0.24	NP_036377	GPPSPAPVMHSPSR	2
22938 SNW1	SKI-interacting protein	TamR	HRG	down	1.00	NA	NA	0.78	NA	NA	0.62	NP_036377	GPPSPAPVMHSPSR	2
121340 SP7	osterix	TamR	E2	up	1.00	1.25	NA	NA	4.70	NA	NA	NP_690599	GASTGGSGGYYGGSGAGR	2
6731 SRP72	signal recognition particle 72kDa	WT	E2	down	1.00	0.96	0.60	0.99	0.99	0.61	0.54	NP_008878	TVSSPPTSPPRGSAAATVSASTSNIIPPR	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	E2	down	1.00	0.52	0.45	0.65	0.47	0.36	0.39	NP_005830	HRSPSPATPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	E2	down	1.00	0.68	0.35	0.65	0.51	0.25	0.29	NP_005830	RLSPSASPPR	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	E2	down	1.00	1.14	0.57	0.73	0.85	0.35	0.33	NP_005830	RQSPSPSTRPIR	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	E2	down	1.00	NA	NA	0.71	NA	NA	0.42	NP_005830	RYSPPIQR	1
10250 SRRM1	serine/arginine repetitive matrix 1	WT	E2	down	1.00	0.74	NA	0.75	0.71	NA	0.50	NP_005830	RYSPSPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	E2	down	1.00	0.62	0.35	0.55	0.50	0.27	0.28	NP_005830	RYSPSPPPKR	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	E2	down	1.00	0.97	NA	1.04	0.88	NA	0.59	NP_005830	TASPPPPKR	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	HRG	down	1.00	0.60	0.62	0.65	0.42	0.49	0.50	NP_005830	HRSPSPATPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	HRG	down	1.00	NA	0.51	0.65	NA	0.35	0.40	NP_005830	RLSPSASPPR	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	HRG	down	1.00	1.37	0.68	0.67	1.20	0.39	0.50	NP_005830	RQSPSPSTRPIR	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	HRG	down	1.00	0.54	0.69	NA	0.29	0.52	NA	NP_005830	RYSPPIQR	1
10250 SRRM1	serine/arginine repetitive matrix 1	WT	HRG	down	1.00	NA	NA	0.73	NA	NA	0.64	NP_005830	RYSPSPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	WT	HRG	down	1.00	NA	0.51	0.66	NA	0.42	0.65	NP_005830	RYSPSPPPKR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	E2	down	1.00	0.83	0.67	0.81	0.68	0.47	0.68	NP_005830	HRSPSPATPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	E2	down	1.00	0.58	NA	0.63	0.26	NA	0.23	NP_005830	RQSPSPSTRPIR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	E2	down	1.00	0.55	NA	NA	0.31	NA	NA	NP_005830	RRSPSPAPPPR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	E2	down	1.00	0.53	NA	NA	0.33	NA	NA	NP_005830	RRSPSPPPTR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	E2	down	1.00	0.68	NA	NA	0.40	NA	NA	NP_005830	RRTASPPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	E2	down	1.00	NA	0.96	0.94	NA	0.63	0.54	NP_005830	RYSPPIQR	1
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	HRG	down	1.00	0.52	0.73	0.78	0.28	0.49	0.59	NP_005830	HRSPSPATPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	HRG	down	1.00	0.66	0.79	0.65	0.43	0.46	0.44	NP_005830	RQSPSPSTRPIR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	HRG	down	1.00	NA	0.54	NA	NA	0.27	NA	NP_005830	RRASPPPPKR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	HRG	down	1.00	0.67	0.61	NA	0.41	0.27	NA	NP_005830	RRSPSPAPPPR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	HRG	down	1.00	0.96	0.78	0.85	0.60	0.48	0.63	NP_005830	RRSPSPPPTR	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	HRG	down	1.00	0.97	0.80	NA	0.64	0.44	NA	NP_005830	RRTASPPPPK	2
10250 SRRM1	serine/arginine repetitive matrix 1	TamR	HRG	down	1.00	0.72	0.75	0.85	0.60	0.52	0.65	NP_005830	TASPPPPKR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	0.78	0.48	0.57	0.70	0.36	0.30	NP_057417	ARSRTPPSAPSQSR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	NA	0.36	NA	NA	0.25	NA	NP_057417	DRSPPKSPEKLQSSSESSPPSPQPTK	3
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	NA	0.75	0.99	NA	0.63	0.67	NP_057417	HASSSPSPKAPAPGSHR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	0.85	0.43	0.31	0.80	0.34	0.16	NP_057417	MSCFRRSPMSPTPLDR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	NA	0.48	0.76	NA	0.36	0.77	NP_057417	NHSGSRTPPVALN SSR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	NA	NA	0.62	NA	NA	0.35	NP_057417	NHSGSRTPPVALN SSR	3
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	NA	0.62	0.86	NA	0.39	0.59	NP_057417	SGTPPRQGSITSPOANEQSVTPQRR	3
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	0.75	NA	0.81	0.71	NA	0.54	NP_057417	SRTPLLR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	0.83	NA	0.72	0.82	NA	0.42	NP_057417	SRTSPAPWK	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	E2	down	1.00	NA	0.72	0.78	NA	0.62	0.48	NP_057417	THTTALAGRSPPASGR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	HRG	down	1.00	NA	0.56	NA	NA	0.42	NA	NP_057417	ARSRTPPSAPSQSR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	HRG	down	1.00	0.44	NA	NA	0.35	NA	NA	NP_057417	MSCFRRSPMSPTPLDR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	HRG	down	1.00	0.71	0.72	NA	0.52	0.64	NA	NP_057417	NHSGSRTPPVALN SSR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	HRG	down	1.00	NA	0.60	0.67	NA	0.49	0.49	NP_057417	NHSGSRTPPVALN SSR	3
23524 SRRM2	splicing coactivator subunit SRm300	WT	HRG	down	1.00	NA	NA	0.69	NA	NA	0.55	NP_057417	SRTPLLR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	HRG	down	1.00	NA	NA	0.70	NA	NA	0.44	NP_057417	SRTPPSAPSQSR	2
23524 SRRM2	splicing coactivator subunit SRm300	WT	HRG	down	1.00	0.84	0.74	0.83	0.74	0.66	0.69	NP_057417	THTTALAGRSPPASGR	2
23524 SRRM2	splicing coactivator subunit SRm300	TamR	E2	down	1.00	NA	0.50	0.87	NA	0.28	0.75	NP_057417	ARSRTPPSAPSQSR	2
23524 SRRM2	splicing coactivator subunit SRm300	TamR	E2	down	1.00	1.45	1.11	1.06	0.50	0.76	0.86	NP_057417	HASSSPSPKAPAPGSHR	2
23524 SRRM2	splicing coactivator subunit SRm300	TamR	E2	down	1.00	NA	0.91	0.68	NA	0.60	0.50	NP_057417	NHSGSRTPPVALN SSR	3
23524 SRRM2	splicing coactivator subunit SRm300	TamR	E2	down	1.00	0.74	0.89	0.98	0.48	0.58	0.93	NP_057417	THTTALAGRSPPASGR	2
23524 SRRM2	splicing coactivator subunit SRm300	TamR	HRG	down	1.00	0.68	NA	0.90	0.34	NA	0.62	NP_057417	ARSRTPPSAPSQSR	2
23524 SRRM2	splicing coactivator subunit SRm300	TamR	HRG	down	1.00	NA	NA	0.93	NA	NA	0.65	NP_057417	SRSSSPVTELASR	3
23524 SRRM2	splicing coactivator subunit SRm300	TamR	HRG	down	1.00	NA	0.68	0.87	NA	0.44	0.68	NP_057417	THTTALAGRSPPASGR	2
10809 STARD10	START domain containing 10	WT	HRG	up	1.00	NA	0.88	NA	NA	1.62	NA	NP_006636	HLPHFKPWLHQEQSPLSLALSLSLVQHADSLNIDESAVAESR	1
3925 STMN1	stathmin 1	WT	HRG	up	1.00	2.35	4.89	NA	3.02	9.86	NA	NP_005554	ASGQAFELILSPR	1
3925 STMN1	stathmin 1	TamR	HRG	up	1.00	NA	NA	7.27	NA	NA	5.71	NP_005554	ASGQAFELILSPR	1
3925 STMN1	stathmin 1	TamR	HRG	up	1.00	NA	NA	4.44	NA	NA	10.11	NP_005554	ASGQAFELILSPR	2
3925 STMN1	stathmin 1	TamR	HRG	up	1.00	NA	NA	18.80	NA	NA	46.68	NP_005554	RASGQAFELILSPR	2
64426 SUDS3	suppressor of defective silencing 3	WT	E2	down	1.00	0.53	0.39	0.60	0.39	0.35	0.33	NP_071936	RPASPPSPEHLPATPAESPAQR	2
64426 SUDS3	suppressor of defective silencing 3	WT	HRG	down	1.00	0.50	0.54	0.68	0.29	0.49	0.55	NP_071936	RPASPPSPEHLPATPAESPAQR	2
64426 SUDS3	suppressor of defective silencing 3	TamR	E2	down	1.00	0.57	0.67	0.43	0.35	0.42	0.21	NP_071936	RPASPPSPEHLPATPAESPAQR	2
64426 SUDS3	suppressor of defective silencing 3	TamR	HRG	up,down	1.00	NA	0.58	1.16	NA	0.33	1.53	NP_071936	RPASPPSPEHLPATPAESPAQR	2
54843 SYTL2	synaptotagmin-like 2 isoform a	WT	HRG	up	1.00	NA	2.68	NA	NA	6.86	NA	NP_116561	FSAVKDELQPSGLIHGR	1
54843 SYTL2	synaptotagmin-like 2 isoform a	WT	HRG	up	1.00	NA	0.68	NA	NA	3.71	NA	NP_116561	IVSPGLTIHER	1
26115 TANC2	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2	WT	E2	down	1.00	NA	0.44	NA	NA	0.49	NA	NP_079461	EYSPPPPSPLLR	2
9779 TBC1D5	TBC1 domain family, member 5 isoform b	WT	HRG	down	1.00	0.62	NA	NA	0.11	NA	NA	NP_055559	TSSTLDSEGTFNYSR	5
1155 TBCB	cytoskeleton associated protein 1	WT	E2	up	1.00	2.11	NA	NA	1.09	NA	NA	NP_001272	EVTGVSAPTVTFVSISSLNTFRSEK	5
9967 THRAP3	thyroid hormone receptor associated protein 3	WT	E2	down	1.00	0.76	0.40	0.61	0.72	0.28	0.33	NP_005110	ERSPALKSPLQSVVVR	2
9967 THRAP3	thyroid hormone receptor associated protein 3	WT	E2	down	1.00	0.77	0.52	0.75	0.70	0.34	0.46	NP_005110	IDISPSTR	1
9967 THRAP3	thyroid hormone receptor associated protein 3	WT	HRG	up	1.00	NA	0.73	1.01	NA	6.63	3.92	NP_005110	ERSPALKSPLQSVVVR	2
9967 THRAP3	thyroid hormone receptor associated protein 3	WT	HRG	down	1.00	0.79	0.70	0.77	0.70	0.56	0.54	NP_005110	IDISPSTR	1
9967 THRAP3	thyroid hormone receptor associated protein 3	WT	HRG	down	1.00	0.75	NA	NA	0.49	NA	NA	NP_005110	RIDISPSTR	1
9967 THRAP3	thyroid hormone receptor associated protein 3	TamR	E2	down	1.00	0.54	0.85	NA	0.38	0.66	NA	NP_005110	ERSPALKSPLQSVVVR	2
9967 THRAP3	thyroid hormone receptor associated protein 3	TamR	HRG	up	1.00	NA	1.07	2.09	NA	3.60	5.02	NP_005110	ERSPALKSPLQSVVVR	2
7082 TJP1	tight junction protein 1 isoform b	WT	E2	down	1.00	NA	NA	0.60	NA	NA	0.25	NP_783297	VOIPVSRPDPPEVSDNEEDSYDEIHDPR	2
7082 TJP1	tight junction protein 1 isoform b	WT	HRG	down	1.00	NA	0.65	0.79	NA	0.42	0.54	NP_783297	VOIPVSRPDPPEVSDNEEDSYDEIHDPR	2
7112 TMPO	thymopoietin isoform alpha	WT	E2	down	1.00	0.76	0.45	0.54	0.45	0.27	0.26	NP_003267	GPPDFSSDEEREPTVLGSGAAAAAGR	2
7112 TMPO	thymopoietin isoform alpha	WT	HRG	down	1.00	0.54	0.94	0.78	0.45	0.41	0.40	NP_003267	GPPDFSSDEEREPTVLGSGAAAAAGR	2
7112 TMPO	thymopoietin isoform alpha	TamR	E2	up,down	1.00	2.74	1.43	1.26	0.72	0.40	0.50	NP_003267	GPPDFSSDEEREPTVLGSGAAAAAGR	2

7112	TMPO	thymopietin isoform alpha	TamR	HRG	up	1.00	NA	1.70	1.38	NA	0.96	1.35	NP_003267	GPPDFSSDEEREPTVLGSGAAAAGR	2
7112	TMPO	thymopietin isoform alpha	TamR	HRG	down	1.00	NA	NA	1.15	NA	NA	0.18	NP_003267	SSTPLTISSAENTR	2
8711	TNK1	tyrosine kinase, non-receptor, 1	WT	E2	down	1.00	NA	0.64	0.97	NA	0.46	0.71	NP_003976	SLESVLSLGRPTGGGSSPPEIR	2
7155	TOP2B	DNA topoisomerase II, beta isozyme	WT	E2	down	1.00	NA	0.45	0.60	NA	0.32	0.44	NP_001059	KTSFDQSDVDIFPSPDFTEPPSLPR	1
7155	TOP2B	DNA topoisomerase II, beta isozyme	WT	HRG	down	1.00	NA	0.81	NA	NA	0.60	NA	NP_001059	KTSFDQSDVDIFPSPDFTEPPSLPR	1
7155	TOP2B	DNA topoisomerase II, beta isozyme	TamR	E2	up	1.00	NA	NA	1.09	NA	NA	1.52	NP_001059	TSFDQSDVDIFPSPDFTEPPSLPR	1
7164	TPD52L1	tumor protein D52-like 1 isoform 1	WT	E2	down	1.00	0.96	0.53	0.73	0.60	0.20	0.19	NP_003278	NSPTFKSFEER	1
7164	TPD52L1	tumor protein D52-like 1 isoform 1	WT	HRG	down	1.00	0.90	NA	NA	0.61	NA	NA	NP_003278	NSPTFKSFEERVETTIVTSLK	1
7164	TPD52L1	tumor protein D52-like 1 isoform 1	TamR	E2	down	1.00	NA	0.95	NA	NA	0.57	NA	NP_003278	NSPTFKSFEER	1
7164	TPD52L1	tumor protein D52-like 1 isoform 1	TamR	HRG	down	1.00	NA	0.87	NA	NA	0.52	NA	NP_003278	NSPTFKSFEER	1
7165	TPD52L2	tumor protein D52-like 2 isoform e	WT	E2	down	1.00	0.91	0.55	0.68	0.49	0.26	0.18	NP_003279	NSATFKSFEDR	1
7165	TPD52L2	tumor protein D52-like 2 isoform e	TamR	E2	down	1.00	0.63	0.84	NA	0.65	0.39	NA	NP_003279	NSATFKSFEDR	1
29896	TRA2A	transformer-2 alpha	WT	E2	down	1.00	NA	NA	0.64	NA	NA	0.32	NP_037425	RSPSPYYSR	2
29896	TRA2A	transformer-2 alpha	WT	HRG	down	1.00	NA	NA	0.71	NA	NA	0.58	NP_037425	RSPSPYYSR	2
7410	VAV2	vav 2 guanine nucleotide exchange factor isoform 2	WT	E2	down	1.00	0.87	NA	0.65	0.60	NA	0.35	NP_003362	ASSRSPVFTPR	2
51322	WAC	WW domain-containing adapter with a coiled-coil region isoform 3	WT	HRG	down	1.00	NA	0.69	NA	NA	0.64	NA	NP_567823	SPSPGNHTSNSSNASNAVVPQNSSAR	2
23063	WAPAL	wings apart-like homolog	WT	E2	down	1.00	NA	0.34	0.94	NA	0.35	0.97	NP_055860	RPEPSEISPIKGSVR	2
51729	WBP11	WW domain binding protein 11	WT	E2	down	1.00	NA	NA	0.54	NA	NA	0.31	NP_057396	RRDEDMLYSPELAQR	1
147179	WIPF2	WIRE protein	WT	HRG	down	1.00	NA	NA	0.82	NA	NA	0.40	NP_573571	PIPPPPPPPPGPPPPPTFHQANTEQPKLSR	1
7498	XDH	xanthine dehydrogenase	WT	HRG	up	1.00	NA	NA	1.11	NA	NA	2.81	NP_000370	STVVSTAVALAAYKTGRPVRCMLDR	2
10730	YME1L1	YME1-like 1 isoform 3	WT	HRG	down	1.00	0.15	NA	NA	0.15	NA	NA	NP_055078	LGVMYSDTGKLSPETQSAIEQEUR	2
23091	ZC3H13	zinc finger CCH-type containing 13	WT	E2	down	1.00	NA	NA	0.79	NA	NA	0.56	NP_055885	GPRTSPPPPPIEDIALGK	2
23091	ZC3H13	zinc finger CCH-type containing 13	WT	E2	down	1.00	NA	NA	0.92	NA	NA	0.39	NP_055885	HHSSSSQSGSSIQRHSPPSR	2
23091	ZC3H13	zinc finger CCH-type containing 13	WT	E2	down	1.00	NA	NA	0.81	NA	NA	0.40	NP_055885	SKLSPSPSLR	2
23091	ZC3H13	zinc finger CCH-type containing 13	WT	HRG	down	1.00	NA	NA	0.43	NA	NA	0.52	NP_055885	SASPYPSHSLSSPQR	3
23091	ZC3H13	zinc finger CCH-type containing 13	TamR	HRG	down	1.00	NA	0.80	NA	NA	0.54	NA	NP_055885	STSPAGQHHSPISR	2
80829	ZFP91	zinc finger protein 91	WT	HRG	up,down	1.00	NA	0.63	NA	NA	11.85	NA	NP_444251	RRSSPSARPPDVPGQQPQAAK	2
137209	ZNF572	zinc finger protein 572	WT	HRG	up	1.00	NA	0.80	NA	NA	4.30	NA	NP_689625	RFSSSSLIQHHR	2
57507	ZNF608	zinc finger protein 608	WT	E2	up	1.00	NA	6.72	NA	NA	1.68	NA	NP_065798	AVSPVLMHSYPGAYLSPGFHYVPVYKMSGR	6
283489	ZNF828	zinc finger protein 828	WT	E2	up,down	1.00	NA	0.52	1.79	NA	0.53	0.85	NP_115812	KPSGSPDLWKLSPDQR	2