

Relative gene expression in ZR-75-1-derived cell lines

Addition...	ZR-75-1 cells						BCAR1-transfected cells				BCAR3-transfected cells				EGFR-transfected cells		
	None		Oestrogen				None		Oestrogen		None		Oestrogen		None		EGF
	6 h	6 h	30 h	96 h	Cont.	6 h	30 h	96 h	6 h	30 h	96 h	6 h	30 h	96 h	3 days	7 days	
Gene	3 (4) ^b	1 (1)	2 (4)	1 (1)	1 (3)	1 (3)	2 (6)	2 (3)	1 (1)	1 (1)	2 (4)	2 (3)	1 (1)	1 (1)	1 (3)	1 (2)	1 (4)
HMBS	(23.1) 1 ^c	0.58	0.79	0.42	0.49	1.22	0.93	0.75	0.51	0.93	0.59	0.56	0.41	0.64	0.93	0.80	0.99
FMOD ^d	(29.4) 1	1.60	1.47	0.79	1.04	0.95	0.58	0.83	0.71	0.81	0.95	1.09	1.00	1.59	1.02	0.94	0.54
PGK1 ^d	(22.3) 1	1.33	1.02	1.08	1.18	1.18	1.41	0.94	1.07	1.61	1.46	2.10	0.97	2.11	0.70	2.23	0.94
CDKN1A ^d	(25.8) 1	0.60	0.72	0.47	0.66	2.03	1.45	1.24	0.61	1.34	1.19	1.37	0.81	1.78	1.26	2.11	3.60
MYC	(23.3) 1	0.55	1.21	0.41	0.90	0.97	0.72	0.98	0.47	0.74	0.47	0.60	0.51	0.76	1.00	0.44	0.26
CTSD	(18.7) 1	0.68	2.13	2.25	1.94	3.95	0.91	1.89	1.87	3.02	0.77	1.43	1.90	4.21	1.78	2.38	1.95
TFF1	(21.2) 1	0.56	2.07	9.28	20.45	36.67	0.99	2.38	13.37	32.60	0.94	1.35	9.30	21.37	4.71	5.77	2.64
PGR	(24.6) 1	0.71	9.08	9.24	12.00	7.52	0.83	7.24	9.29	7.65	0.38	2.22	3.55	5.62	0.56	0.32	0.05
PDKZ1 ^d	(26.4) 1	0.92	5.26	14.75	10.12	16.66	0.64	1.85	11.86	11.81	0.52	1.93	7.26	9.10	1.17	0.08	0.03
TFF3 ^d	(23.0) 1	0.50	1.03	2.64	6.19	11.56	0.84	1.30	2.60	7.29	1.21	1.23	2.22	4.02	1.09	0.79	0.10
MGP ^d	(22.8) 1	0.83	1.09	1.54	2.99	1.34	0.93	1.00	3.12	3.15	0.89	0.78	2.14	1.11	0.42	0.86	0.23
IGFBP5	(17.6) 1	0.80	0.92	0.24	0.45	0.17	0.91	0.74	0.27	0.49	0.33	0.30	0.22	0.28	1.46	0.04	0.01
APOD1	(21.5) 1	0.96	0.89	0.53	0.25	0.09	0.37	0.36	0.18	0.08	0.60	0.59	0.36	0.27	0.32	0.02	0.04
CSTA ^d	(27.7) 1	0.57	0.86	0.08	0.06	0.06	0.74	0.53	0.08	0.09	2.95	2.86	0.88	0.44	0.04	0.01	0.02
HER2/Neu	(20.4) 1	0.77	0.75	0.18	0.29	0.39	0.73	0.48	0.20	0.25	0.68	0.53	0.29	0.37	1.16	0.51	0.49
IL1R1 ^d	(27.5) 1	0.76	0.50	0.10	0.09	0.04	1.54	0.54	0.07	0.15	0.64	0.40	0.14	0.23	0.84	0.12	0.21
ER α	(20.2) 1	0.54	0.86	0.36	0.41	0.27	0.50	0.55	0.31	0.29	0.35	0.39	0.28	0.33	0.79	0.12	0.07
ER β	(32.7) 1	1.21	1.93	0.05	1.57	1.62	1.61	1.40	0.63	0.60	0.84	1.78	0.42	3.19	1.58	1.08	1.89
BCAR3	(24.2) 1	0.74	0.51	0.40	0.46	0.45	0.64	0.25	0.14	0.23	18.30	14.36	13.19	24.78	0.35	0.60	0.69
BCAR1	(24.8) 1	0.93	1.17	0.71	0.69	1.31	55.96	31.90	13.67	22.12	0.80	1.01	0.58	0.36	1.01	1.13	1.07
PSAT1 ^d	(35.6) 1	0.86	0.67	0.40	0.97	2.64	<0.01	<0.01	<0.01	<0.01	0.87	1.16	0.84	0.76	1.65	3.36	3.64
EGFR	(35.0) 1	0.25	0.84	1.62	1.75	1.27	1.47	2.56	2.31	1.25	2.24	2.15	2.75	4.13	8126	11045	10582

All expression levels have been normalised for HPRT1 levels and are presented relative to non-stimulated ZR-75-1 cells. The gene names are defined in Additional file 3.

^aThe nature and duration of the culture additions (ICI, oestrogen antagonist ICI 164,384).