

Probe ID	Gene Name	Genbank Accession	Fold change 0h	Fold change 3h	Fold change 6h	0h-CO	0h-DP	0h-HH	3h-CO	3h-DP	3h-HH	6h-CO	6h-DP	6h-HH
208859_s_at	alpha thalassemia/mental retardation syndrome X-linked	AI650257	1.00	0.92	0.46	39.25	29.27	42.4	45.14	27.98	28.54	21.22	8.64	20.93
1569607_s_at	ankyrin repeat domain 20A	BC016022	1.00	0.60	0.37	31.69	21.02	25.93	15.57	16.95	14.28	12.92	8.61	7.9
236524_at	Beta-amyloid binding protein precursor	AA737437	1.00	1.08	0.53	23.18	24.97	29.39	33.02	27.14	23.58	15.22	8.88	17.07
214464_at	CDC42 binding protein kinase alpha (DMPK-like)	NM_003607	1.00	0.96	0.46	16.68	20.41	21.79	19.18	17.73	19.7	8.58	11.41	7.19
241403_at	CDC-like kinase 4	AA468591	1.00	0.72	0.49	37.72	33.61	76.92	40.03	23.75	42.51	23.52	14.83	34.57
212977_at	chemokine orphan receptor 1	AI817041	1.00	0.79	0.49	46.13	68.47	43.83	46.11	47.1	32.35	19.6	41.2	17
230180_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	AA521056	1.00	0.68	0.29	116.1	104.1	105.49	85.64	57.39	79.9	45.85	19.01	29.51
221563_at	dual specificity phosphatase 10	N36770	1.00	0.53	0.49	65.07	74.76	80.31	45.28	41.15	31.21	25.68	44.01	38.23
214608_s_at	eyes absent homolog 1 (Drosophila)	AJ000098	1.00	0.64	0.40	22.54	10.63	8.96	13.58	8.04	5.38	5.98	6.16	4.69
204358_s_at	fibronectin leucine rich transmembrane protein 2	AF169676	1.00	0.81	0.48	14.35	13.15	26.4	11.65	13.1	18.95	9.31	7.08	9.71
224840_at	FK506 binding protein 5	AI753747	1.00	1.75	2.62	888.8	263.24	1444.94	1474.68	796.77	2279	3346.05	834.69	2616.76
203706_s_at	frizzled homolog 7 (Drosophila)	NM_003507	1.00	0.50	0.68	108.82	111.23	80.54	42.84	72.62	33.74	55.82	95.66	54.17
226471_at	gamma-glutamyltransferase-like 3	AI423493	1.00	1.38	2.40	20.08	28.58	34.45	35.3	29.99	49.54	56.34	36.46	106.42
241955_at	HECT domain containing 1	BE243270	1.00	0.89	0.43	42.85	68.39	64.68	57.67	60.45	37.61	19.56	25.88	30.32
228813_at	histone deacetylase 4	AW206037	1.00	1.60	2.88	95.96	59.96	80.31	121.98	124.04	133.09	257.1	132.06	292.16
205659_at	histone deacetylase 9	NM_014707	1.00	0.37	0.19	89.54	61.08	92.85	34.92	31.87	24.26	14.61	18.6	12.93
207826_s_at	inhibitor of DNA binding 3	NM_002167	1.00	0.47	0.69	48.67	64.83	40.68	23.97	22.19	26.18	37.82	42.01	25.93
204686_at	insulin receptor substrate 1	NM_005544	1.00	0.47	0.35	264.28	209.54	339.48	127.13	136.08	117.11	51.14	141.27	95.03
206349_at	leucine-rich, glioma inactivated 1	NM_005097	1.00	0.74	0.48	21.21	15.42	16.75	17.12	14.01	8.18	9.86	7.81	7.71
239571_at	MADS box transcription enhancer factor 2, polypeptide A	AI123399	1.00	0.71	0.35	41.61	28.89	34.33	30.03	23.98	20.86	17.43	11.39	7.99
226675_s_at	metastasis associated lung adenocarcinoma transcript 1	W80468	1.00	0.73	0.30	491.15	369.5	449.7	289.25	326.19	343.11	145.21	105.47	137.99
236356_at	NADH dehydrogenase (ubiquinone) Fe-S protein 1	AI808395	1.00	0.68	0.36	96.12	145.99	211.48	102.89	100.67	106.74	56.46	40.59	65.88
233780_at	Nebulin	AI003806	1.00	0.77	0.34	85.15	147.72	139.64	84.88	100.23	101.25	48.9	31.42	44.67
219158_s_at	NMDA receptor regulated 1	NM_025085	1.00	0.81	0.38	69.66	181.49	107.94	72.84	139.99	79.43	52.84	48.86	35.9
208003_s_at	nuclear factor of activated T-cells 5, tonicity-responsive	NM_006599	1.00	0.80	0.47	14.86	12.16	13.95	13.39	11.08	8.22	9.51	4.42	5.18
209750_at	nuclear receptor subfamily 1, group D, member 2	N32859	1.00	0.82	0.47	234.88	369.59	452.19	220.59	356.37	293.66	124.49	199.07	175.28
226140_s_at	OTU domain containing 1	AI934347	1.00	0.34	0.31	192.53	277.73	174.1	36.11	163.47	21.01	19.28	156.99	21.01
1557553_at	Protein phosphatase 1, regulatory (inhibitor) subunit 12B	BF438357	1.00	1.06	0.52	51.91	61.06	41.08	58.99	59.8	44.3	32.57	19.76	28.03
211169_s_at	protein phosphatase 1, regulatory (inhibitor) subunit 3A	AF024579	1.00	0.74	0.46	134.67	385.27	416.15	129.63	317.49	244.41	50.88	176.49	199.39
222572_at	protein phosphatase 2C, magnesium-dependent, catalytic subunit	BG542521	1.00	0.55	0.28	960.75	592.79	967.46	615.29	271.85	493.24	275.92	221.15	216.3
236620_at	RAP1 interacting factor homolog (yeast)	AU150841	1.00	0.89	0.49	25.41	16.05	15.5	20.88	13.98	15.71	12.3	6.91	8.7
1558924_s_at	Restin	BF673049	1.00	0.75	0.43	67.52	211.29	127.93	56.2	165.58	84.01	32.19	77.81	64.33
238763_at	RNA binding motif protein 20	AI539118	1.00	0.74	0.49	80.03	190.15	82.69	71.48	137.24	53.48	55.41	72.43	43.63
202917_s_at	S100 calcium binding protein A8 (calgranulin A)	NM_002964	1.00	5.59	2.09	6.74	15.88	7.27	39.83	70.54	56.65	21.87	26.66	13.91
218370_s_at	S100P binding protein Riken	NM_002753	1.00	0.49	0.63	19.89	17.25	19.79	12.78	9.18	6.04	14.71	11.87	9.51
204964_s_at	sarcospan (Kras oncogene-associated gene)	NM_005086	1.00	1.02	0.50	161.13	100.31	111.36	169.84	92.44	116.15	108.26	31.89	46.74
1556416_s_at	SEC31-like 1 (S. cerevisiae)	AF086242	1.00	0.74	0.46	31.36	30.13	36.32	27.77	21.59	22.86	19.62	12.82	12.81
207057_at	solute carrier family 16 (monocarboxylic acid transporters), member 7	NM_004731	1.00	0.92	0.45	49.1	15.1	25.24	42.17	17.85	22.46	18.28	10.66	11.49
213850_s_at	splicing factor, arginine/serine-rich 2, interacting protein	AI984932	1.00	1.05	0.49	112.59	115.3	107.84	130.57	108.44	112.66	67.89	39.75	58.42
201009_s_at	thioredoxin interacting protein	AI439556	1.00	1.92	2.01	1520.76	1491.21	1129.15	2996.83	2113.55	2846.86	3077	2104	3134.77
31637_s_at	thyroid hormone receptor, alpha	X72631	1.00	0.59	0.32	55.24	146.04	63.27	29.53	107.47	18.58	23.67	43.93	18.14
212758_s_at	transcription factor 8 (represses interleukin 2 expression)	AI373166	1.00	0.81	0.42	41.95	112.98	128.68	61.53	103.36	66.12	24.47	45.03	50
222633_at	transducin (beta)-like 1X-linked receptor 1	AF268193	1.00	0.77	0.35	58.48	53.42	49.65	42.54	39.82	41.8	26.26	12.48	17.51
228121_at	Transforming growth factor, beta 2	AU145950	1.00	0.65	0.47	45.04	84.6	26.09	30.24	51.84	18.61	21.37	33.67	18.27
230493_at	transmembrane protein 46	AW664964	1.00	0.56	0.30	68.38	95.25	174.92	60	61.89	66.28	27.75	32.07	42.04
207213_s_at	ubiquitin specific protease 2	NM_004205	1.00	0.65	0.30	14.71	28.35	18.82	15.29	15.22	9.62	7.43	6.73	4.24
225612_s_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	BE672260	1.00	0.42	0.67	39.79	18.48	38.25	18.49	10.39	11.59	26.58	10.21	28.31
207349_s_at	uncoupling protein 3 (mitochondrial, proton carrier)	NM_022803	1.00	1.33	2.21	163.42	323.61	394.86	346.38	298.99	531.86	490.99	477.04	977.03
236352_at	vestigial like 2 (Drosophila)	AI276196	1.00	0.55	0.35	261.94	1000.99	169.98	169.52	508.43	109.49	118.21	302.55	82.92
236354_at	Zinc finger, MYND domain containing 17	AW014735	1.00	0.58	0.36	42.03	41.28	54.48	16.48	40.45	22.93	13.47	24.04	12.66

Supplementary data

Known genes significantly (p<0.05) changed in skeletal muscle tissue in humans in response to a 3 h IL-6 infusion (from 0 h to 3 h) gcRMA normalized expression values for each gene per replicate and time point is given at the right