Additional Table 1 The differentially expressed TFs at different time points after peripheral nerve injury

Fold-Change cut-off: > 1.5 or <0.67

fdr cut-off: 0.05

fold-change compare: 1. compare to 0h: FC0; 2. compare to previous time: FCb

3 h

GeneID	Normalized signal						edgeR_Fdr	Foldchange												Annotation						
GeneID	drg0h	drg3h	drg9h	drg1d	drg4d	drg7d	fdr	FC0_3h	FC0_9h	FC0_1d	FC0_4d	FC0_7d	FCb_3h	FCb_9h	FCb_1d	FCb_4d	FCb_7d	max_FC0	max_FCb	Symbol	Description	GO.Component	GO.Function	GO.Process	Blast.nr	Transcript_ID
25124	23416.47	9886.674	15083.32	6969.355	7327.562	7722.446	3.99E-15	0.42221	0.644133	0.297626	0.312923	0.329787	0.42221	1.525621	0.462057	1.051398	1.05389	0.297626	0.42221	Stat1	signal tran	GO:00319	GO:00010	GO:00001	gi|7769592	NM_032612.3|NM_001034164.1
293624	16284.94	3642.926	10452.63	1028.8	1409.9	1291.991	1.54E-66	0.223699	0.641859	0.063175	0.086577	0.079337	0.223699	2.869297	0.098425	1.370431	0.916371	0.063175	0.098425	Irf7	interferon	GO:00310	GO:00010	GO:00022	gi|7609631	XM_006230541.1|XM_006230540.1|NM_001033691.1
288774	7552.496	4272.92	6684.312	3301.846	3534.54	3438.426	9.17E-08	0.565763	0.885047	0.437186	0.467996	0.45527	0.565763	1.564343	0.493969	1.070474	0.972807	0.437185	0.493969	Stat2	signal tran	GO:00160	GO:00010	GO:00019	gi|5886538	XM_006240747.2|XM_006240748.2|NM_001011905.1
305896	3300.329	2136.46	2869.862	1407.312	1424.586	1215.297	9.01E-12	0.647348	0.869569	0.426416	0.43165	0.368235	0.647348	1.343279	0.490376	1.012275	0.853088	0.368235	0.490376	Irf9	interferon	GO:00319	GO:00010	GO:00063	gi|5886565	XM_006251974.2|NM_001012041.1|XM_008770679.1|XM_006251975.1
301570	3249.522	1351.678	2220.082	903.2885	1260.098	1212.347	1.81E-11	0.415962	0.683203	0.277976	0.387779	0.373085	0.415962	1.642463	0.406872	1.395012	0.962106	0.277975	0.406871	Sp110	SP110 nuc	GO:00432	GO:00054	GO:00063	gi|7762803	XM_008767234.1|NM_001034137.1|XM_006245370.2
85497	830.5257	1959.983	1074.945	659.1832	466.0502	521.1226	0.006593946	2.35993	1.294294	0.793694	0.561151	0.627461	2.35993	0.548446	0.613225	0.707012	1.118168	2.35993	2.35993	Klf15	Kruppel-lil	GO:00432	GO:00009	GO:00086	gi|1675896	NM_053536.1|XM_008763135.1|XM_006236882.2|XM_006236884.2|XM_008763136.1
353227	517.3937	2238.994	699.9174	431.8786	246.7325	277.2765	0.000379736	4.327449	1.352775	0.83472	0.476876	0.53591	4.327449	0.312603	0.617042	0.5713	1.123794	4.32745	4.32745	Zbtb16	zinc finger	GO:00160	GO:00010	GO:00018	gi|6155720	NM_001013181.1
360635	416.8181	241.5472	459.2581	504.0231	317.2274	283.176	0.043781039	0.579503	1.101819	1.209216	0.761069	0.679375	0.579503	1.901319	1.097472	0.629391	0.892659	0.579502	1.90132	Etv4	ets variant	GO:00319	GO:00010	GO:00063	gi|1487021	XM_006247371.2|XM_008768086.1|XM_006247370.2|XM_006247369.2|XM_008768085.1|XM_006247372.2|NM_001108299.1
363684	335.943	108.4498	308.8461	134.4062	127.2826	185.8343	0.001731012	0.322822	0.919341	0.400086	0.378882	0.553172	0.322822	2.847826	0.435188	0.947	1.460013	0.322822	0.322822	Meox1	mesenchym	GO:00432	GO:00010	GO:00017	gi|1578192	NM_001108837.1|XM_008768090.1
297804	143.0868	278.0257	166.456	269.8006	243.7952	281.2095	0.000445321	1.943056	1.163322	1.885573	1.703827	1.965307	1.943056	0.598707	1.620852	0.903612	1.153466	1.96531	1.94306	Plag1	pleiomorpl	GO:00432	GO:00010	GO:00030	gi|5660571	XM_008763525.1|XM_008763526.1|XM_008763527.1|NM_001008316.1
362936	132.7182	230.7022	194.5329	335.0271	249.6698	290.0588	4.03E-05	1.738286	1.465759	2.524349	1.881202	2.185524	1.738286	0.843221	1.722213	0.745222	1.16177	2.52435	1.73829	Zfp707	zinc finger	GO:00444	GO:00469	GO:00063	gi|2095715	NM_001135903.1|XM_006241816.2|XM_006241815.2
367264	41.47444	67.04167	39.10713	47.43747	193.8612	213.3653	4.49E-14	1.616457	0.942921	1.143776	4.674233	5.1445	1.616457	0.583326	1.213013	4.086669	1.100608	5.1445	4.08667	Stat4	signal tran	GO:00319	GO:00010	GO:00022	gi|5886602	NM_001012226.1

9 h

GeneID	Normalized signal						edgeR_Fdr	Foldchange												Annotation						
GeneID	drg0h	drg3h	drg9h	drg1d	drg4d	drg7d	fdr	FC0_3h	FC0_9h	FC0_1d	FC0_4d	FC0_7d	FCb_3h	FCb_9h	FCb_1d	FCb_4d	FCb_7d	max_FC0	max_FCb	Symbol	Description	GO.Component	GO.Function	GO.Process	Blast.nr	Transcript_ID
25124	23416.47	9886.674	15083.32	6969.355	7327.562	7722.446	3.99E-15	0.42221	0.644133	0.297626	0.312923	0.329787	0.42221	1.525621	0.462057	1.051398	1.05389	0.297626	0.42221	Stat1	signal tran	GO:00319	GO:00010	GO:00001	gi|7769592	NM_032612.3|NM_001034164.1
293624	16284.94	3642.926	10452.63	1028.8	1409.9	1291.991	1.54E-66	0.223699	0.641859	0.063175	0.086577	0.079337	0.223699	2.869297	0.098425	1.370431	0.916371	0.063175	0.098425	Irf7	interferon	GO:00310	GO:00010	GO:00022	gi|7609631	XM_006230541.1|XM_006230540.1|NM_001033691.1
24516	5406.193	4262.075	9651.44	11583.64	14184.18	14519.65	3.17E-12	0.788369	1.785256	2.14266	2.623691	2.685744	0.788369	2.264493	1.200198	1.224501	1.023651	2.68574	2.26449	Jun	jun proto-c	GO:00007	GO:00009	GO:00001	gi|1117786	NM_021835.3
252917	1536.628	1872.237	608.6674	1418.183	807.7551	859.3606	0.000282673	1.218406	0.396106	0.922919	0.525667	0.559251	1.218406	0.325102	2.32998	0.569571	1.063888	0.396105	0.325102	Nr1d1	nuclear rec	GO:00007	GO:00010	GO:00001	gi|1646638	NM_001113422.1|NM_145775.2
362165	1054.488	806.4718	662.8158	610.7574	756.842	601.7491	0.00064796	0.7648	0.628567	0.579198	0.717734	0.570655	0.7648	0.821871	0.921459	1.239186	0.795079	0.570656	0.764801	Creb3l1	cAMP resp	GO:00310	GO:00010	GO:00063	gi|5385065	NM_001005562.1|XM_006234584.1
25628	542.2783	406.1936	186.5109	313.285	297.6455	318.573	0.002647302	0.74905	0.34394	0.57772	0.54888	0.587471	0.74905	0.459168	1.679713	0.950079	1.07031	0.343939	0.459168	Nkx2-1	NK2 home	GO:00002	GO:00009	GO:00018	gi|2139725	XM_006240116.2|NM_013093.1|XM_006240117.2|XM_006240118.2
25389	516.3568	411.1232	4200.507	11479.87	10173.8	11549.26	1.53E-90	0.7962	8.134893	22.23243	19.70304	22.36681	0.7962	10.21715	2.732972	0.88623	1.135196	22.36681	10.21715	Atf3	activating	GO:00319	GO:00010	GO:00060	gi|6978541	NM_012912.2
24577	378.4543	401.2641	595.6317	761.9644	566.8972	608.6318	0.006288079	1.060271	1.573854	2.013359	1.497928	1.608204	1.060271	1.484388	1.279254	0.743994	1.073619	2.01336	1.48439	Myc	myelocytor	GO:00156	GO:00010	GO:00001	gi|7183486	NM_012603.2
84046	226.0357	193.2377	676.8542	1442.89	1671.319	1350.986	1.46E-30	0.854899	2.994457	6.383459	7.394047	5.976868	0.854899	3.502702	2.131758	1.158314	0.808335	7.39405	3.5027	Sox11	SRY (sex	GO:00319	GO:00037	GO:00063	gi|3002461	NM_053349.1
79225	169.0083	138.027	313.8598	94.87494	92.03512	84.55951	0.001690779	0.816687	1.857067	0.561362	0.54456	0.500327	0.816687	2.273902	0.302284	0.970068	0.918774	0.500328	0.302285	Hes5	hes family	GO:00432	GO:00435	GO:00001	gi|1324228	NM_024383.1
296272	63.24852	58.1685	32.0879	35.5781	20.56104	18.68175	0.000177581	0.919682	0.507331	0.562513	0.325083	0.295371	0.919682	0.551637	1.10877	0.577913	0.9086	0.29537	0.551636	Tcf15	transcriptic	GO:00432	GO:00010	GO:00063	gi|2704838	NM_001168579.1

1 d

GeneID	Normalized signal						edgeR_Fdr	Foldchange												Annotation						
GeneID	drg0h	drg3h	drg9h	drg1d	drg4d	drg7d	fdr	FC0_3h	FC0_9h	FC0_1d	FC0_4d	FC0_7d	FCb_3h	FCb_9h	FCb_1d	FCb_4d	FCb_7d	max_FC0	max_FCb	Symbol	Description	GO.Component	GO.Function	GO.Process	Blast.nr	Transcript_ID
25124	23416.47	9886.674	15083.32	6969.355	7327.562	7722.446	3.99E-15	0.42221	0.644133	0.297626	0.312923	0.329787	0.42221	1.525621	0.462057	1.051398	1.05389	0.297626	0.42221	Stat1	signal tran	GO:00319	GO:00010	GO:00001	gi|7769592	NM_032612.3|NM_001034164.1
293624	16284.94	3642.926	10452.63	1028.8	1409.9	1291.991	1.54E-66	0.223699	0.641859	0.063175	0.086577	0.079337	0.223699	2.869297	0.098425	1.370431	0.916371	0.063175	0.098425	Irf7	interferon	GO:00310	GO:00010	GO:00022	gi|7609631	XM_006230541.1|XM_006230540.1|NM_001033691.1
288774	7552.496	4272.92	6684.312	3301.846	3534.54	3438.426	9.17E-08	0.565763	0.885047	0.437186	0.467996	0.45527	0.565763	1.564343	0.493969	1.070474	0.972807	0.437185	0.493969	Stat2	signal tran	GO:00160	GO:00010	GO:00019	gi|5886538	XM_006240747.2|XM_006240748.2|NM_001011905.1
299138	5414.488	4954.182	5250.383	3517.291	3422.923	3180.814	0.000603685	0.914986	0.969692	0.649607	0.632179	0.587463	0.914986	1.059788	0.669911	0.97317	0.929268	0.587465	0.669909	Six4	SIX homec	GO:00432	GO:00010	GO:00063	gi|1578184	XM_006240207.2|NM_001106739.1|XM_006240208.2
24516	5406.193	4262.075	9651.44	11583.64	14184.18	14519.65	3.17E-12	0.788369	1.785256	2.14266	2.623691	2.685744	0.788369	2.264493	1.200198	1.224501	1.023651	2.68574	2.26449	Jun	jun proto-c	GO:00007	GO:00009	GO:00001	gi|1117786	NM_021835.3
305896	3300.329	2136.46	2869.862	1407.312	1424.586	1215.297	9.01E-12	0.647348	0.869569	0.426416	0.43165	0.368235	0.647348	1.343279	0.490376	1.012275	0.853088	0.368235	0.490376	Irf9	interferon	GO:00319	GO:00010	GO:00063	gi|5886565	XM_006251974.2|NM_001012041.1|XM_008770679.1|XM_006251975.1
301570	3249.522	1351.678	2220.082	903.2885	1260.098	1212.347	1.81E-11	0.415962	0.683203	0.277976	0.387779	0.373085	0.415962	1.642463	0.406872	1.395012	0.962106	0.277975	0.406871	Sp110	SP110 nuc	GO:00432	GO:00054	GO:00063	gi|7762803	XM_008767234.1|NM_001034137.1|XM_006245370.2
57233	2001.142	2129.559	2040.59	1204.714	1002.595	1254.627	0.00396419	1.064172	1.019713	0.602013	0.501012	0.626956	1.064172	0.958222	0.590375	0.832227	1.251379	0.501012	0.590375	Isl2	ISL LIM h	GO:00432	GO:00010	GO:00063	gi|9994171	XM_006243089.1|NM_020471.1
85435	1922.34	1936.321	1868.118	1149.37	930.1422	930.1546	2.51E-06	1.007273	0.971793	0.597902	0.483859	0.483866	1.007273	0.964777	0.615256	0.809262	1.000013	0.483858	0.615256	Smad9	SMAD fan	GO:00319	GO:00010	GO:00030	gi|2030203	XM_008761009.1|NM_138872.1
25546	1765.774	1391.115	1706.675	882.5346	920.3512	1133.687	0.006951591	0.787821	0.966531	0.4998	0.521217	0.642034	0.787821	1.22684	0.517107	1.04285	1.231799	0.4998	0.517109	Shox2	short statu	GO:00432	GO:00010	GO:00015	gi|1820202	NM_013028.1
25671	1554.255	1435.48	1960.37	2915.428	2875.608	2815.045	0.000108894	0.923581	1.261293	1.875772	1.850152	1.811186	0.923581	1.365655	1.487182	0.986342	0.978939	1.87577	1.48718	Smad1	SMAD fan	GO:00198	GO:00010	GO:00016	gi|4025478	XM_006255396.2|NM_013130.2|XM_006255397.1|XM_006255394.1|XM_006255395.2
306695	1262.897	1277.735	1382.788	3488.631	2883.441	2550.551	3.36E-06	1.01175	1.094934	2.762404	2.283196	2.019604	1.01175	1.082218	2.522896	0.826525	0.884551	2.7624	2.5229	Zfp367	zinc finger	GO:00319	GO:00010	GO:00063	gi|5886567	NM_001012051.1
304063	1154.026	1181.116	1278.502	1779.893	1563.618	1671.525	0.025212789	1.023474	1.107862	1.542333	1.354924	1.448429	1.023474	1.082453	1.39217	0.87849	1.069011	1.54233	1.39217	Ets2	v-ets avian	GO:00432	GO:00010	GO:00063	gi|3153606	NM_001107107.1|XM_006248177.2
25690	1118.773	1119.99	1056.895	1686.995	1882.804	2020.579	0.000142362	1.001088	0.944691	1.507897	1.682918	1.806067	1.001088	0.943665	1.59618	1.116069	1.073176	1.80607	1.59618	Ahr	aryl hydro	GO:00319	GO:00010	GO:00016	gi|1452079	NR_131776.1|NM_001308255.1|NM_001308254.1|NR_131775.1|NM_013149.3
362165	1054.488	806.4718	662.8158	610.7574	756.842	601.7491	0.00064796	0.7648	0.628567	0.579198	0.717734	0.570655	0.7648	0.821871	0.921459	1.239186	0.795079	0.570656	0.764801	Creb3l1	cAMP resp	GO:00310	GO:00010	GO:00063	gi|5385065	NM_001005562.1|XM_006234584.1
25620	822.2308	744.3597	1078.956	1839.19	1484.311	1362.785	0.001698594	0.905293	1.31223	2.23683	1.805224	1.657423	0.905293	1.449509	1.704602	0.807046	0.918126	2.23683	1.7046	Crem	cAMP resp	GO:00432	GO:00010	GO:00063	gi|1610869	XM_006254064.2|XM_006254065.2|XM_006254061.2|XM_006254055.2|XM_006254052.2|XM_008771695.1|XM_008771691.1|XM_008771694.1|NM_001271246.1|XM_006254051.2|XM_006254049.2|XM_006254050.2|XM_006254068.2|XM_006254053.2|NM_001271102.1|XM_008771692.1|NM_013086.1|NM_017334.2|NM_001271247.1|XM_006254067.2|NM_001271245.1|XM_006254070.2|XM_006254054.2|XM_006254059.2|NM_001271101.1|XM_006254056.2|NM_001110860.2|XM_006254066.2|NM_001271248.1|XM_006254060.2|XM_006254057.2|XM_006254069.2|XM_006254063.2|XM_006254062.2|XM_006254058.2|XM_008771693.1
305811	659.4436	566.8964	628.7224	331.074	359.3286	306.774	4.81E-06	0.859659	0.953413	0.502051	0.544897	0.465201	0.859659	1.10906	0.526582	1.085342	0.853742	0.465201	0.526582	Rcor2	REST core	GO:00432	GO:00010	GO:00063	gi|6207871	XM_008760113.1|NM_001013994.1|XM_008760115.1|XM_008760114.1
25628	542.2783	406.1936	186.5109	313.285	297.6455	318.573	0.002647302	0.74905	0.34394	0.57772	0.54888	0.587471	0.74905	0.459168	1.679713	0.950079	1.07031	0.343939	0.459168	Nkx2-1	NK2 home	GO:00002	GO:00009	GO:00018	gi|2139725	XM_006240116.2|NM_013093.1|XM_006240117.2|XM_006240118.2
25389	516.3568	411.1232	4200.507	11479.87	10173.8	11549.26	1.53E-90	0.7962	8.134893	22.23243	19.70304	22.36681	0.7962	10.21715	2.732972	0.88623	1.135196	22.36681	10.21715	Atf3	activating	GO:00319	GO:00010	GO:00060	gi|6978541	NM_012912.2
288151	500.8039	551.1219	549.5054	283.6365	252.607	228.114	5.80E-06	1.100475	1.097247	0.566363	0.504403	0.455496	1.100475	0.997067	0.516167	0.890601	0.903039	0.455496	0.516166	Hoxd1	homeo box	GO:00432	GO:00010	GO:00015	gi|1577868	NM_001105884.1
315870	497.6933	424.9259	624.7114	774.812	947.766	729.5716	0.028798728	0.853791	1.255214	1.556806	1.904317	1.465906	0.853791	1.470166	1.240272	1.223221	0.76978	1.90432	1.47017	Tbx18	T-box18	GO:00432	GO:00010	GO:00020	gi|1578235	NM_001108173.1
170955	434.4448	426.8977	427.1702	288.5779	306.4574	287.109	0.028010848	0.982628	0.983256	0.664245	0.7054	0.660864	0.982628	1.000638	0.675557	1.061957	0.936864	0.660864	0.675557	Zfp483	zinc finger -	-	-	-	gi|1917379	NM_133422.1
24577	378.4543	401.2641	595.6317	761.9644	566.8972	608.6318	0.006288079	1.060271	1.573854	2.013359	1.497928	1.608204	1.060271	1.484388	1.279254	0.743994	1.073619	2.01336	1.48439	Myc	myelocytor	GO:00156	GO:00010	GO:00001	gi|7183486	NM_012603.2
363684	335.943	108.4498	308.8461	134.4062	127.2826	185.8343	0.001731012	0.322822	0.919341	0.400086	0.378882	0.553172	0.322822	2.847826	0.435188	0.947	1.460013	0.322822	0.322822	Meox1	mesenchym	GO:00432	GO:00010	GO:00017	gi|1578192	NM_001108837.1|XM_008768090.1
84046	226.0357	193.2377	676.8542	1442.89	1671.319	1350.986	1.46E-30	0.854899	2.994457	6.383459	7.394047	5.976868	0.854899	3.502702	2.131758	1.158314	0.808335	7.39405	3.5027	Sox11	SRY (sex	GO:00319	GO:00037	GO:00063	gi|3002461	NM_053349.1
361487	220.8514	226.7586	216.5934	405.1951	363.245	374.6183	0.004185782	1.026747	0.98072	1.834695	1.644749	1.696246	1.026747	0.955172	1.870764	0.89647	1.03131	1.8347	1.87076	Zfp52	zinc finger	GO:00056	GO:00469	GO:00063	gi|6207905	XM_006222955.2|XM_006222952.2|XM_008774362.1|XM_006228007.2|XM_006228004.2|XM_008758764.1|XM_008758765.1|NM_001014158.1|XM_006228003.2|XM_006228006.2|XM_006222954.2
114519	211.5197	242.5331	258.7087	569.2496	501.2977	569.3018	3.20E-09	1.146622	1.223096	2.691238	2.369982	2.691484	1.146622	1.066695	2.20035	0.880629	1.135656	2.69148	2.20035	Nfil3	nuclear fac	GO:00432	GO:00010	GO:00023	gi|4867585	XM_006253670.2|XM_006253669.2|XM_006253668.2|NM_053727.2|XM_006253667.2
79225	169.0083	138.027	313.8598	94.87494	92.03512	84.55951	0.001690779	0.816687	1.857067	0.561362	0.54456	0.500327	0.816687	2.273902	0.302284	0.970068	0.918774	0.500328	0.302285	Hes5	hes family	GO:00432	GO:00435	GO:00001	gi|1324228	NM_024383.1
297804	143.0868	278.0257	166.456	269.8006	243.7952	281.2095	0.000445321	1.943056	1.163322	1.885573	1.703827	1.965307	1.943056	0.598707	1.620852	0.903612	1.153466	1.96531	1.94306	Plag1	pleiomorpl	GO:00432	GO:00010	GO:00030	gi|5660571	XM_008763525.1|XM_008763526.1|XM_008763527.1|NM_001008316.1
362936	132.7182	230.7022	194.5329	335.0271	249.6698	290.0588	4.03E-05	1.738286	1.465759	2.524349	1.881202	2.185524	1.738286	0.843221	1.722213	0.745222	1.16177	2.52435	1.73829	Zfp707	zinc finger	GO:00444	GO:00469	GO:00063	gi|2095715	NM_001135903.1|XM_006241816.2|XM_006241815.2
362464	100.5755	76.90074	139.3818	158.1249	273.1681	235.98	1.94E-05	0.764607	1.385843	1.572201	2.716049	2.346297	0.764607	1.81249	1.134473	1.727546	0.863864	2.71605	1.81249	Arntl2	aryl hydro	GO:00432	GO:00010	GO:00063	gi|2972068	NM_133391.1
308232	91.24377	108.4498	117.3214	148.2421	162.5301	157.32	0.015594079	1.188572	1.285802	1.624682	1.781274	1.724173	1.188572	1.081804	1.263555	1.096383	0.967944	1.78127	1.26356	Zfp51	zinc finger	GO:00444	GO:00469	GO:00063	gi|1578228	NM_001107467.2|XM_008758762.1|XM_006228025.1|XM_006228023.2|XM_006228026.2|XM_006228024.2
26296	68.43283	75.91483	51.1401	34.58982	86.16054	120.9398	0.019612041	1.109333	0.747304	0.505457	1.259053	1.767277	1.109333	0.673651	0.676374	2.490922	1.403656	0.505456	2.49092	Tfec	transcriptic	GO:00432	GO:00036	GO:00063	gi|1581875	NM_022379.1|XM_006236128.2
296272	63.24852	58.1685	32.0879	35.5781	20.56104	18.68175	0.000177581	0.919682	0.507331	0.562513	0.325083	0.295371	0.919682	0.551637	1.10877	0.577913	0.9086	0.29537	0.551636	Tcf15	transcriptic	GO:00432	GO:00010	GO:00063	gi|2704838	NM_001168579.1
290317	61.1748	51.26716	78.21427	184.8085	117.4916	118.9733	0.006466206	0.838044	1.278537	3.02099	1.920589	1.944808	0.838044	1.525621	2.362849	0.635748	1.01261	3.02099	2.36285	Sox7	SRY (sex	GO:00432	GO:00009	GO:00017	gi|1578231	NM_001106045.1

4 d

GeneID	Normalized signal						edgeR_Fdr	Foldchange												Annotation						
GeneID	drg0h	drg3h	drg9h	drg1d	drg4d	drg7d	fdr	FC0_3h	FC0_9h	FC0_1d	FC0_4d	FC0_7d	FCb_3h	FCb_9h	FCb_1d	FCb_4d	FCb_7d	max_FC0	max_FCb	Symbol	Description	GO.Component	GO.Function	GO.Process	Blast.nr	Transcript_ID
25124	23416.47	9886.674	15083.32	6969.355	7327.562	7722.446	3.99E-15	0.42221	0.644133	0.297626	0.312923	0.329787	0.42221	1.525621	0.462057	1.051398	1.05389	0.297626	0.42221	Stat1	signal tran	GO:00319	GO:00010	GO:00001	gi|7769592	NM_032612.3|NM_001034164.1
83514	16446.69	22356.42	20547.29	11363.25	7444.075	7791.274	3.85E-07	1.359327	1.249327	0.690914	0.452618	0.473729	1.359327	0.919078	0.553029	0.655101	1.046641	0.452618	0.55303	Tsc22d3	TSC22 dor	GO:00432	GO:00010	GO:00063	gi|1378618	XM_008773447.1|XM_006234251.2|XM_006234249.2|NM_031345.1|XM_008773446.1|XM_006234250.2
293624	16284.94	3642.926	10452.63	1028.8	1409.9	1291.991	1.54E-66	0.223699	0.641859	0.063175	0.086577	0.079337	0.223699	2.869297	0.098425	1.370431	0.916371	0.063175	0.098425	Irf7	interferon	GO:00310	GO:00010	GO:00022	gi|7609631	XM_006230541.1|XM_006230540.1|NM_001033691.1
362733	15461.67	13909.17	14706.29	11832.68	9976.999	9721.394	0.002993709	0.899591	0.951145	0.765291	0.645273	0.628741	0.899591	1.057308	0.8046	0.843173	0.974381	0.628741	0.804602	Etv1	ets variant	GO:00432	GO:00010	GO:00063	gi|2536834	NM_001163156.3|XM_006240047.2|NM_001108709.3|XM_006240048.2|XM_008764648.1|XM_008764647.1|XM_006240050.2
288774	7552.496	4272.92	6684.312	3301.846	3534.54	3438.426	9.17E-08	0.565763	0.885047	0.437186	0.467996	0.45527	0.565763	1.564343	0.493969	1.070474	0.972807	0.437185	0.493969	Stat2	signal tran	GO:00160	GO:00010	GO:00019	gi|5886538	XM_006240747.2|XM_006240748.2|NM_001011905.1
299138	5414.488	4954.182	5250.383	3517.291	3422.923	3180.814	0.000603685	0.914986	0.969692	0.649607	0.632179	0.587463	0.914986	1.059788	0.669911	0.97317	0.929268	0.587465	0.669909	Six4	SIX homec	GO:00432	GO:00010	GO:00063	gi|1578184	XM_006240207.2|NM_001106739.1|XM_006240208.2
24516	5406.193	4262.075	9651.44	11583.64	14184.18	14519.65	3.17E-12	0.788369	1.785256	2.14266	2.623691	2.685744	0.788369	2.264493	1.200198	1.224501	1.023651	2.68574	2.26449	Jun	jun proto-c	GO:00007	GO:00009	GO:00001	gi|1117786	NM_021835.3
29362	5324.281	6183.608	5917.21	5155.86	3136.048	3625.243	0.018046354	1.161398	1.111363	0.968367	0.589009	0.680889	1.161398	0.956919	0.871333	0.608249	1.155991	0.589008	0.60825	Tef	thyrotrophi	GO:00432	GO:00305	GO:00063	gi|7636282	NM_019194.2|XM_006242068.2
303828	4131.891	3431.942	4124.299	3122.967	2748.325	2590.864	0.003264478	0.830598	0.998162	0.75582	0.66515	0.627041	0.830598	1.201739	0.757212	0.880037	0.942706	0.627042	0.757214	Etv5	ets variant	GO:00432	GO:00010	GO:00063	gi|1486652	NM_001107082.1|XM_008768798.1
266600	3664.267	2980.396	3580.81	2777.069	1873.992	1941.919	3.40E-05	0.813368	0.977224	0.757878	0.511423	0.529961	0.813368	1.201454	0.775542	0.674809	1.036247	0.511423	0.674809	Csdc2	cold shock	GO:00432	GO:00036	GO:00063	gi|6114756	NM_001170542.1
305896	3300.329	2136.46	2869.862	1407.312	1424.586	1215.297	9.01E-12	0.647348	0.869569	0.426416	0.43165	0.368235	0.647348	1.343279	0.490376	1.012275	0.853088	0.368235	0.490376	Irf9	interferon	GO:00319	GO:00010	GO:00063	gi|5886565	XM_006251974.2|NM_001012041.1|XM_008770679.1|XM_006251975.1
301570	3249.522	1351.678	2220.082	903.2885	1260.098	1212.347	1.81E-11	0.415962	0.683203	0.277976	0.387779	0.373085	0.415962	1.642463	0.406872	1.395012	0.962106	0.277975	0.406871	Sp110	SP110 nuc	GO:00432	GO:00054	GO:00063	gi|7762803	XM_008767234.1|NM_001034137.1|XM_006245370.2
293701	2403.444	2238.009	2679.34	1891.569	1559.702	1694.14	0.038379952	0.931167	1.114792	0.787024	0.648944	0.70488	0.931167	1.197198	0.705983	0.824554	1.086195	0.648946	0.705985	Esrra	estrogen re	GO:00432	GO:00010	GO:00027	gi|7577517	NM_001008511.2|XM_006230755.1
24309	2206.44	2632.371	1608.406	2374.838	657.9532	770.8681	1.39E-12	1.19304	0.72896	1.076321	0.298197	0.349372	1.19304	0.61101	1.476516	0.277052	1.171615	0.298197	0.277052	Dbp	D site of al-		GO:00036	GO:00063	gi|7549756	NM_001289982.1|NM_012543.3|NM_001289983.1
57233	2001.142	2129.559	2040.59	1204.714	1002.595	1254.627	0.00396419	1.064172	1.019713	0.602013	0.501012	0.626956	1.064172	0.958222	0.590375	0.832227	1.251379	0.501012	0.590375	Isl2	ISL LIM h	GO:00432	GO:00010	GO:00063	gi|9994171	XM_006243089.1|NM_020471.1
85435	1922.34	1936.321	1868.118	1149.37	930.1422	930.1546	2.51E-06	1.007273	0.971793	0.597902	0.483859	0.483866	1.007273	0.964777	0.615256	0.809262	1.000013	0.483858	0.615256	Smad9	SMAD fan	GO:00319	GO:00010	GO:00030	gi|2030203	XM_008761009.1|NM_138872.1
680549	1910.935	1931.392	2254.175	1489.339	1264.993	1198.582	0.004080648	1.010705	1.179619	0.779377	0.661976	0.627223	1.010705	1.167125	0.660702	0.849366	0.9475	0.627223	0.660703	LOC68054	PBX/knott	GO:00058	GO:00010	GO:00063	gi|4043126	NM_001271278.1|NM_001271279.1
64619	1846.649	1721.393	1871.126	1530.847	1142.606	1158.269	0.004138217	0.932171	1.013255	0.828986	0.618746	0.627227	0.932171	1.086983	0.818142	0.746388	1.013708	0.618747	0.746391	Zfp238	zinc finger	GO:00056	GO:00010	GO:00001	gi|1208361	XM_008769798.1|XM_006250330.2|XM_008769799.1|XM_008769800.1|NM_022678.1|XM_006250328.2|XM_008769796.1|XM_008769797.1|XM_006250331.2
25546	1765.774	1391.115	1706.675	882.5346	920.3512	1133.687	0.006951591	0.787821	0.966531	0.4998	0.521217	0.642034	0.787821	1.22684	0.517107	1.04285	1.231799	0.4998	0.517109	Shox2	short statu	GO:00432	GO:00010	GO:00015	gi|1820202	NM_013028.1
25671	1554.255	1435.48	1960.37	2915.428	2875.608	2815.045	0.000108894	0.923581	1.261293	1.875772	1.850152	1.811186	0.923581	1.365655	1.487182	0.986342	0.978939	1.87577	1.48718	Smad1	SMAD fan	GO:00198	GO:00010	GO:00016	gi|4025478	XM_006255396.2|NM_013130.2|XM_006255397.1|XM_006255394.1|XM_006255395.2
252917	1536.628	1872.237	608.6674	1418.183	807.7551	859.3606	0.000282673	1.218406	0.396106	0.922919	0.525667	0.559251	1.218406	0.325102	2.32998	0.569571	1.063888	0.396105	0.325102	Nr1d1	nuclear rec	GO:00007	GO:00010	GO:00001	gi|1646638	NM_001113422.1|NM_145775.2
29467	1486.859	1130.835	1679.601	1167.159	939.9332	1008.815	0.021884865	0.760553	1.129631	0.784983	0.63216	0.678487	0.760553	1.485275	0.694903	0.805317	1.073283	0.632159	1.48528	Ddit3	DNA-dam	GO:00319	GO:00010	GO:00003	gi|1486925	XM_006241445.2|NM_024134.2|XM_006241444.2|NM_001109986.1
116668	1454.716	1543.93	1470.027	1264.999	965.3897	961.6186	0.013489672	1.061328	1.010525	0.869585	0.663628	0.661035	1.061328	0.952133	0.860528	0.763154	0.996094	0.661035	0.763155	Myt1l	myelin trar	GO:00432	GO:00010	GO:00063	gi|2574266	NM_053888.1
306695	1262.897	1277.735	1382.788	3488.631	2883.441	2550.551	3.36E-06	1.01175	1.094934	2.762404	2.283196	2.019604	1.01175	1.082218	2.522896	0.826525	0.884551	2.7624	2.5229	Zfp367	zinc finger	GO:00319	GO:00010	GO:00063	gi|5886567	NM_001012051.1
25690	1118.773	1119.99	1056.895	1686.995	1882.804	2020.579	0.000142362	1.001088	0.944691	1.507897	1.682918	1.806067	1.001088	0.943665	1.59618	1.116069	1.073176	1.80607	1.59618	Ahr	aryl hydro	GO:00319	GO:00010	GO:00016	gi|1452079	NR_131776.1|NM_001308255.1|NM_001308254.1|NR_131775.1|NM_013149.3
361514	980.8705	961.2592	1170.206	1410.276	1863.222	2043.194	1.39E-06	0.980006	1.193028	1.43778	1.899559	2.083041	0.980006	1.217368	1.205153	1.321175	1.096592	2.08304	1.32117	Meis3	Meis homc	GO:00432	GO:00010	GO:00063	gi|1578239	XM_008758950.1|XM_006228351.2|XM_006228348.2|NM_001108472.1|XM_006228346.2|XM_006228349.2|XM_006228350.2|XM_006228347.2
24208	961.1702	1086.469	1043.86	771.8472	576.6882	645.9953	0.021987003	1.130361	1.08603	0.803029	0.599986	0.672093	1.130361	0.960781	0.739417	0.747153	1.120181	0.599984	0.739415	Ar	androgen r	GO:00007	GO:00010	GO:00031	gi|6978535	NM_012502.1
85497	830.5257	1959.983	1074.945	659.1832	466.0502	521.1226	0.006593946	2.35993	1.294294	0.793694	0.561151	0.627461	2.35993	0.548446	0.613225	0.707012	1.118168	2.35993	2.35993	Klf15	Kruppel-lil	GO:00432	GO:00009	GO:00086	gi|1675896	NM_053536.1|XM_008763135.1|XM_006236882.2|XM_006236884.2|XM_008763136.1
25620	822.2308	744.3597	1078.956	1839.19	1484.311	1362.785	0.001698594	0.905293	1.31223	2.23683	1.805224	1.657423	0.905293	1.449509	1.704602	0.807046	0.918126	2.23683	1.7046	Crem	cAMP resp	GO:00432	GO:00010	GO:00063	gi|1610869	XM_006254064.2|XM_006254065.2|XM_006254061.2|XM_006254055.2|XM_006254052.2|XM_008771695.1|XM_008771691.1|XM_008771694.1|NM_001271246.1|XM_006254051.2|XM_006254049.2|XM_006254050.2|XM_006254068.2|XM_006254053.2|NM_001271102.1|XM_008771692.1|NM_013086.1|NM_017334.2|NM_001271247.1|XM_006254067.2|NM_001271245.1|XM_006254070.2|XM_006254054.2|XM_006254059.2|NM_001271101.1|XM_006254056.2|NM_001110860.2|XM_006254066.2|NM_001271248.1|XM_006254060.2|XM_006254057.2|XM_006254069.2|XM_006254063.2|XM_006254062.2|XM_006254058.2|XM_008771693.1
305811	659.4436	566.8964	628.7224	331.074	359.3286	306.774	4.81E-06	0.859659	0.953413	0.502051	0.544897	0.465201	0.859659	1.10906	0.526582	1.085342	0.853742	0.465201	0.526582	Rcor2	REST core	GO:00432	GO:00010	GO:00063	gi|6207871	XM_008760113.1|NM_001013994.1|XM_008760115.1|XM_008760114.1
25628	542.2783	406.1936	186.5109	313.285	297.6455	318.573	0.002647302	0.74905	0.34394	0.57772	0.54888	0.587471	0.74905	0.459168	1.679713	0.950079	1.07031	0.343939	0.459168	Nkx2-1	NK2 home	GO:00002	GO:00009	GO:00018	gi|2139725	XM_006240116.2|NM_013093.1|XM_006240117.2|XM_006240118.2
353227	517.3937	2238.994	699.9174	431.8786	246.7325	277.2765	0.000379736	4.327449	1.352775	0.83472	0.476876	0.53591	4.327449	0.312603	0.617042	0.5713	1.123794	4.32745	4.32745	Zbtb16	zinc finger	GO:00160	GO:00010	GO:00018	gi|6155720	NM_001013181.1
25389	516.3568	411.1232	4200.507	11479.87	10173.8	11549.26	1.53E-90	0.7962	8.134893	22.23243	19.70304	22.36681	0.7962	10.21715	2.732972	0.88623	1.135196	22.36681	10.21715	Atf3	activating	GO:00319	GO:00010	GO:00060	gi|6978541	NM_012912.2
288151	500.8039	551.1219	549.5054	283.6365	252.607	228.114	5.80E-06	1.100475	1.097247	0.566363	0.504403	0.455496	1.100475	0.997067	0.516167	0.890601	0.903039	0.455496	0.516166	Hoxd1	homeo box	GO:00432	GO:00010	GO:00015	gi|1577868	NM_001105884.1
315870	497.6933	424.9259	624.7114	774.812	947.766	729.5716	0.028798728	0.853791	1.255214	1.556806	1.904317	1.465906	0.853791	1.470166	1.240272	1.223221	0.76978	1.90432	1.47017	Tbx18	T-box18	GO:00432	GO:00010	GO:00020	gi|1578235	NM_001108173.1
293165	444.8134	455.489	613.6812	626.5699	771.5285	722.6888	0.004305649	1.024	1.379637	1.408613	1.734499	1.624701	1.024	1.347302	1.021002	1.231353	0.936698	1.7345	1.3473	Sox6	SRY (sex	GO:00432	GO:00010	GO:00063	gi|6707851	NM_001024751.1|XM_006230088.2|XM_006230087.2|XM_006230092.2|XM_006230094.2|XM_006230093.2|XM_006230089.2|XM_006230091.2
363684	335.943	108.4498	308.8461	134.4062	127.2826	185.8343	0.001731012	0.322822	0.919341	0.400086	0.378882	0.553172	0.322822	2.847826	0.435188	0.947	1.460013	0.322822	0.322822	Meox1	mesenchym	GO:00432	GO:00010	GO:00017	gi|1578192	NM_001108837.1|XM_008768090.1
367218	330.7587	254.364	232.6373	388.3943	678.5143	502.4408	0.02070339	0.769032	0.703345	1.174253	2.051388	1.519056	0.769032	0.914584	1.669527	1.746973	0.740501	2.05139	1.74697	Runx2	runt-relate	GO:00319	GO:00010	GO:00016	gi|1736842	XM_006244551.2|XM_006244549.2|NM_053470.2|XM_006244550.2|NM_001278484.2|NM_001278483.1|XM_006244554.2
500131	313.132	353.9406	315.8653	434.8435	548.2944	501.4575	0.008328574	1.130324	1.008729	1.38869	1.751001	1.601425	1.130324	0.892425	1.376674	1.260901	0.914577	1.751	1.37667	Creb5	cAMP resp	GO:00432	GO:00010	GO:00063	gi|1973867	NM_001134621.1|XM_008762908.1|XM_008762909.1
84046	226.0357	193.2377	676.8542	1442.89	1671.319	1350.986	1.46E-30	0.854899	2.994457	6.383459	7.394047	5.976868	0.854899	3.502702	2.131758	1.158314	0.808335	7.39405	3.5027	Sox11	SRY (sex	GO:00319	GO:00037	GO:00063	gi|3002461	NM_053349.1
361487	220.8514	226.7586	216.5934	405.1951	363.245	374.6183	0.004185782	1.026747	0.98072	1.834695	1.644749	1.696246	1.026747	0.955172	1.870764	0.89647	1.03131	1.8347	1.87076	Zfp52	zinc finger	GO:00056	GO:00469	GO:00063	gi|6207905	XM_006222955.2|XM_006222952.2|XM_008774362.1|XM_006228007.2|XM_006228004.2|XM_008758764.1|XM_008758765.1|NM_001014158.1|XM_006228003.2|XM_006228006.2|XM_006222954.2
114519	211.5197	242.5331	258.7087	569.2496	501.2977	569.3018	3.20E-09	1.146622	1.223096	2.691238	2.369982	2.691484	1.146622	1.066695	2.20035	0.880629	1.135656	2.69148	2.20035	Nfil3	nuclear fac	GO:00432	GO:00010	GO:00023	gi|4867585	XM_006253670.2|XM_006253669.2|XM_006253668.2|NM_053727.2|XM_006253667.2
79225	169.0083	138.027	313.8598	94.87494	92.03512	84.55951	0.001690779	0.816687	1.857067	0.561362	0.54456	0.500327	0.816687	2.273902	0.302284	0.970068	0.918774	0.500328	0.302285	Hes5	hes family	GO:00432	GO:00435	GO:00001	gi|1324228	NM_024383.1
297804	143.0868	278.0257	166.456	269.8006	243.7952	281.2095	0.000445321	1.943056	1.163322	1.885573	1.703827	1.965307	1.943056	0.598707	1.620852	0.903612	1.153466	1.96531	1.94306	Plag1	pleiomorpl	GO:00432	GO:00010	GO:00030	gi|5660571	XM_008763525.1|XM_008763526.1|XM_008763527.1|NM_001008316.1
362936	132.7182	230.7022	194.5329	335.0271	249.6698	290.0588	4.03E-05	1.738286	1.465759	2.524349	1.881202	2.185524	1.738286	0.843221	1.722213	0.745222	1.16177	2.52435	1.73829	Zfp707	zinc finger	GO:00444	GO:00469	GO:00063	gi|2095715	NM_001135903.1|XM_006241816.2|XM_006241815.2
24252	118.2022	133.0974	141.3873	129.4648	229.1087	190.7505	0.026483118	1.126015	1.196148	1.095283	1.938279	1.613765	1.126015	1.062284	0.915674	1.769661	0.832576	1.93828	1.76966	Cebpa	CCAAT/er	GO:00056	GO:00009	GO:00017	gi|192382	NM_001287578.1|NM_001287579.1|NM_001287577.1|NM_012524.3
295310	111.981	98.59069	138.3791	155.1601	209.5268	206.4825	0.003213874	0.880423	1.235737	1.385593	1.871092	1.843907	0.880423	1.403572	1.121268	1.350391	0.985471	1.87109	1.40357	Zfp697	zinc finger	GO:00432	GO:00036	GO:00104	gi|4045015	NM_001271334.1|XM_006233008.1|XM_006233007.2|XM_006233006.2|XM_006233003.1|XM_006233004.2
362464	100.5755	76.90074	139.3818	158.1249	273.1681	235.98	1.94E-05	0.764607	1.385843	1.572201	2.716049	2.346297	0.764607	1.81249	1.134473	1.727546	0.863864	2.71605	1.81249	Arntl2	aryl hydro	GO:00432	GO:00010	GO:00063	gi|2972068	NM_133391.1
305501	93.31749	108.4498	132.3626	96.8515	191.903	149.454	0.04200968	1.162159	1.418412	1.037871	2.056453	1.601565	1.162159	1.220497	0.731713	1.981415	0.7788	2.05645	1.98142	Ikzf1	IKAROS f	GO:00007	GO:00010	GO:00001	gi|1487086	XM_008770313.1|XM_008770312.1|XM_008770315.1|XM_006251494.2|XM_006251493.2|NM_001107237.1|XM_006251495.2|XM_006251497.2|XM_008770317.1|XM_008770314.1|XM_006251496.2|XM_008770316.1|XM_006251492.2|XM_006251491.2|XM_008770318.1|XM_008770319.1
308232	91.24377	108.4498	117.3214	148.2421	162.5301	157.32	0.015594079	1.188572	1.285802	1.624682	1.781274	1.724173	1.188572	1.081804	1.263555	1.096383	0.967944	1.78127	1.26356	Zfp51	zinc finger	GO:00444	GO:00469	GO:00063	gi|1578228	NM_001107467.2|XM_008758762.1|XM_006228025.1|XM_006228023.2|XM_006228026.2|XM_006228024.2
296272	63.24852	58.1685	32.0879	35.5781	20.56104	18.68175	0.000177581	0.919682	0.507331	0.562513	0.325083	0.295371	0.919682	0.551637	1.10877	0.577913	0.9086	0.29537	0.551636	Tcf15	transcriptic	GO:00432	GO:00010	GO:00063	gi|2704838	NM_001168579.1
290317	61.1748	51.26716	78.21427	184.8085	117.4916	118.9733	0.006466206	0.838044	1.278537	3.02099	1.920589	1.944808	0.838044	1.525621	2.362849	0.635748	1.01261	3.02099	2.36285	Sox7	SRY (sex	GO:00432	GO:00009	GO:00017	gi|1578231	NM_001106045.1
367264	41.47444	67.04167	39.10713	47.43747	193.8612	213.3653	4.49E-14	1.616457	0.942921	1.143776	4.674233	5.1445	1.616457	0.583326	1.213013	4.086669	1.100608	5.1445	4.08667	Stat4	signal tran	GO:00319	GO:00010	GO:00022	gi|5886602	NM_001012226.1

7 d

GeneID	Normalized signal						edgeR_Fdr	Foldchange												Annotation						
GeneID	drg0h	drg3h	drg9h	drg1d	drg4d	drg7d	fdr	FC0_3h	FC0_9h	FC0_1d	FC0_4d	FC0_7d	FCb_3h	FCb_9h	FCb_1d	FCb_4d	FCb_7d	max_FC0	max_FCb	Symbol	Description	GO.Component	GO.Function	GO.Process	Blast.nr	Transcript_ID
25124	23416.47	9886.674	15083.32	6969.355	7327.562	7722.446	3.99E-15	0.42221	0.644133	0.297626	0.312923	0.329787	0.42221	1.525621	0.462057	1.051398	1.05389	0.297626	0.42221	Stat1	signal tran	GO:00319	GO:00010	GO:00001	gi|7769592	NM_032612.3|NM_001034164.1
83514	16446.69	22356.42	20547.29	11363.25	7444.075	7791.274	3.85E-07	1.359327	1.249327	0.690914	0.452618	0.473729	1.359327	0.919078	0.553029	0.655101	1.046641	0.452618	0.55303	Tsc22d3	TSC22 dor	GO:00432	GO:00010	GO:00063	gi|1378618	XM_008773447.1|XM_006234251.2|XM_006234249.2|NM_031345.1|XM_008773446.1|XM_006234250.2
293624	16284.94	3642.926	10452.63	1028.8	1409.9	1291.991	1.54E-66	0.223699	0.641859	0.063175	0.086577	0.079337	0.223699	2.869297	0.098425	1.370431	0.916371	0.063175	0.098425	Irf7	interferon	GO:00310	GO:00010	GO:00022	gi|7609631	XM_006230541.1|XM_006230540.1|NM_001033691.1
362733	15461.67	13909.17	14706.29	11832.68	9976.999	9721.394	0.002993709	0.899591	0.951145	0.765291	0.645273	0.628741	0.899591	1.057308	0.8046	0.843173	0.974381	0.628741	0.804602	Etv1	ets variant	GO:00432	GO:00010	GO:00063	gi|2536834	NM_001163156.3|XM_006240047.2|NM_001108709.3|XM_006240048.2|XM_008764648.1|XM_008764647.1|XM_006240050.2
288774	7552.496	4272.92	6684.312	3301.846	3534.54	3438.426	9.17E-08	0.565763	0.885047	0.437186	0.467996	0.45527	0.565763	1.564343	0.493969	1.070474	0.972807	0.437185	0.493969	Stat2	signal tran	GO:00160	GO:00010	GO:00019	gi|5886538	XM_006240747.2|XM_006240748.2|NM_001011905.1
299138	5414.488	4954.182	5250.383	3517.291	3422.923	3180.814	0.000603685	0.914986	0.969692	0.649607	0.632179	0.587463	0.914986	1.059788	0.669911	0.97317	0.929268	0.587465	0.669909	Six4	SIX homec	GO:00432	GO:00010	GO:00063	gi|1578184	XM_006240207.2|NM_001106739.1|XM_006240208.2
24516	5406.193	4262.075	9651.44	11583.64	14184.18	14519.65	3.17E-12	0.788369	1.785256	2.14266	2.623691	2.685744	0.788369	2.264493	1.200198	1.224501	1.023651	2.68574	2.26449	Jun	jun proto-c	GO:00007	GO:00009	GO:00001	gi|1117786	NM_021835.3
303828	4131.891	3431.942	4124.299	3122.967	2748.325	2590.864	0.003264478	0.830598	0.998162	0.75582	0.66515	0.627041	0.830598	1.201739	0.757212	0.880037	0.942706	0.627042	0.757214	Etv5	ets variant	GO:00432	GO:00010	GO:00063	gi|1486652	NM_001107082.1|XM_008768798.1
288105	3930.74	5431.361	3790.384	5449.379	5673.868	6025.357	0.006373434	1.381765	0.964293	1.386349	1.44346	1.532881	1.381765	0.69787	1.437685	1.041195	1.061949	1.53288	1.43769	Zbtb20	zinc finger	GO:00319	GO:00036	GO:00104	gi|3442473	NM_001105880.1
266600	3664.267	2980.396	3580.81	2777.069	1873.992	1941.919	3.40E-05	0.813368	0.977224	0.757878	0.511423	0.529961	0.813368	1.201454	0.775542	0.674809	1.036247	0.511423	0.674809	Csdc2	cold shock	GO:00432	GO:00036	GO:00063	gi|6114756	NM_001170542.1
305896	3300.329	2136.46	2869.862	1407.312	1424.586	1215.297	9.01E-12	0.647348	0.869569	0.426416	0.43165	0.368235	0.647348	1.343279	0.490376	1.012275	0.853088	0.368235	0.490376	Irf9	interferon	GO:00319	GO:00010	GO:00063	gi|5886565	XM_006251974.2|NM_001012041.1|XM_008770679.1|XM_006251975.1
301570	3249.522	1351.678	2220.082	903.2885	1260.098	1212.347	1.81E-11	0.415962	0.683203	0.277976	0.387779	0.373085	0.415962	1.642463	0.406872	1.395012	0.962106	0.277975	0.406871	Sp110	SP110 nuc	GO:00432	GO:00054	GO:00063	gi|7762803	XM_008767234.1|NM_001034137.1|XM_006245370.2
24309	2206.44	2632.371	1608.406	2374.838	657.9532	770.8681	1.39E-12	1.19304	0.72896	1.076321	0.298197	0.349372	1.19304	0.61101	1.476516	0.277052	1.171615	0.298197	0.277052	Dbp	D site of al-		GO:00036	GO:00063	gi|7549756	NM_001289982.1|NM_012543.3|NM_001289983.1
57233	2001.142	2129.559	2040.59	1204.714	1002.595	1254.627	0.00396419	1.064172	1.019713	0.602013	0.501012	0.626956	1.064172	0.958222	0.590375	0.832227	1.251379	0.501012	0.590375	Isl2	ISL LIM h	GO:00432	GO:00010	GO:00063	gi|9994171	XM_006243089.1|NM_020471.1
85435	1922.34	1936.321	1868.118	1149.37	930.1422	930.1546	2.51E-06	1.007273	0.971793	0.597902	0.483859	0.483866	1.007273	0.964777	0.615256	0.809262	1.000013	0.483858	0.615256	Smad9	SMAD fan	GO:00319	GO:00010	GO:00030	gi|2030203	XM_008761009.1|NM_138872.1
680549	1910.935	1931.392	2254.175	1489.339	1264.993	1198.582	0.004080648	1.010705	1.179619	0.779377	0.661976	0.627223	1.010705	1.167125	0.660702	0.849366	0.9475	0.627223	0.660703	LOC68054	PBX/knott	GO:00058	GO:00010	GO:00063	gi|4043126	NM_001271278.1|NM_001271279.1
64619	1846.649	1721.393	1871.126	1530.847	1142.606	1158.269	0.004138217	0.932171	1.013255	0.828986	0.618746	0.627227	0.932171	1.086983	0.818142	0.746388	1.013708	0.618747	0.746391	Zfp238	zinc finger	GO:00056	GO:00010	GO:00001	gi|1208361	XM_008769798.1|XM_006250330.2|XM_008769799.1|XM_008769800.1|NM_022678.1|XM_006250328.2|XM_008769796.1|XM_008769797.1|XM_006250331.2
25546	1765.774	1391.115	1706.675	882.5346	920.3512	1133.687	0.006951591	0.787821	0.966531	0.4998	0.521217	0.642034	0.787821	1.22684	0.517107	1.04285	1.231799	0.4998	0.517109	Shox2	short statu	GO:00432	GO:00010	GO:00015	gi|1820202	NM_013028.1
25671	1554.255	1435.48	1960.37	2915.428	2875.608	2815.045	0.000108894	0.923581	1.261293	1.875772	1.850152	1.811186	0.923581	1.365655	1.487182	0.986342	0.978939	1.87577	1.48718	Smad1	SMAD fan	GO:00198	GO:00010	GO:00016	gi|4025478	XM_006255396.2|NM_013130.2|XM_006255397.1|XM_006255394.1|XM_006255395.2
252917	1536.628	1872.237	608.6674	1418.183	807.7551	859.3606	0.000282673	1.218406	0.396106	0.922919	0.525667	0.559251	1.218406	0.325102	2.32998	0.569571	1.063888	0.396105	0.325102	Nr1d1	nuclear rec	GO:00007	GO:00010	GO:00001	gi|1646638	NM_001113422.1|NM_145775.2
116668	1454.716	1543.93	1470.027	1264.999	965.3897	961.6186	0.013489672	1.061328	1.010525	0.869585	0.663628	0.661035	1.061328	0.952133	0.860528	0.763154	0.996094	0.661035	0.763155	Myt1l	myelin trar	GO:00432	GO:00010	GO:00063	gi|2574266	NM_053888.1
306695	1262.897	1277.735	1382.788	3488.631	2883.441	2550.551	3.36E-06	1.01175	1.094934	2.762404	2.283196	2.019604	1.01175	1.082218	2.522896	0.826525	0.884551	2.7624	2.5229	Zfp367	zinc finger	GO:00319	GO:00010	GO:00063	gi|5886567	NM_001012051.1
25690	1118.773	1119.99	1056.895	1686.995	1882.804	2020.579	0.000142362	1.001088	0.944691	1.507897	1.682918	1.806067	1.001088	0.943665	1.59618	1.116069	1.073176	1.80607	1.59618	Ahr	aryl hydro	GO:00319	GO:00010	GO:00016	gi|1452079	NR_131776.1|NM_001308255.1|NM_001308254.1|NR_131775.1|NM_013149.3
362165	1054.488	806.4718	662.8158	610.7574	756.842	601.7491	0.00064796	0.7648	0.628567	0.579198	0.717734	0.570655	0.7648	0.821871	0.921459	1.239186	0.795079	0.570656	0.764801	Creb3l1	cAMP resp	GO:00310	GO:00010	GO:00063	gi|5385065	NM_001005562.1|XM_006234584.1
24918	1021.308	1183.088	1030.824	1143.441	1342.342	1552.552	0.010339951	1.158405	1.009317	1.119584	1.314336	1.52016	1.158405	0.871299	1.109249	1.17395	1.156599	1.52016	1.17395	Stat5a	signal trar	GO:00319	GO:00010	GO:00017	gi|8394373	NM_017064.1
361514	980.8705	961.2592	1170.206	1410.276	1863.222	2043.194	1.39E-06	0.980006	1.193028	1.43778	1.899559	2.083041	0.980006	1.217368	1.205153	1.321175	1.096592	2.08304	1.32117	Meis3	Meis homc	GO:00432	GO:00010	GO:00063	gi|1578239	XM_008758950.1|XM_006228351.2|XM_006228348.2|NM_001108472.1|XM_006228346.2|XM_006228349.2|XM_006228350.2|XM_006228347.2
85497	830.5257	1959.983	1074.945	659.1832	466.0502	521.1226	0.006593946	2.35993	1.294294	0.793694	0.561151	0.627461	2.35993	0.548446	0.613225	0.707012	1.118168	2.35993	2.35993	Klf15	Kruppel-lil	GO:00432	GO:00009	GO:00086	gi|1675896	NM_053536.1|XM_008763135.1|XM_006236882.2|XM_006236884.2|XM_008763136.1
25620	822.2308	744.3597	1078.956	1839.19	1484.311	1362.785	0.001698594	0.905293	1.31223	2.23683	1.805224	1.657423	0.905293	1.449509	1.704602	0.807046	0.918126	2.23683	1.7046	Crem	cAMP resp	GO:00432	GO:00010	GO:00063	gi|1610869	XM_006254064.2|XM_006254065.2|XM_006254061.2|XM_006254055.2|XM_006254052.2|XM_008771695.1|XM_008771691.1|XM_008771694.1|NM_001271246.1|XM_006254051.2|XM_006254049.2|XM_006254050.2|XM_006254068.2|XM_006254053.2|NM_001271102.1|XM_008771692.1|NM_013086.1|NM_017334.2|NM_001271247.1|XM_006254067.2|NM_001271245.1|XM_006254070.2|XM_006254054.2|XM_006254059.2|NM_001271101.1|XM_006254056.2|NM_001110860.2|XM_006254066.2|NM_001271248.1|XM_006254060.2|XM_006254057.2|XM_006254069.2|XM_006254063.2|XM_006254062.2|XM_006254058.2|XM_008771693.1
171355	681.2177	745.3456	826.2635	662.148	456.2592	425.7473	0.007122606	1.094137	1.212921	0.972006	0.66977	0.62498	1.094137	1.108564	0.801376	0.689059	0.933126	0.62498	0.689061	Pou4f2	POU class	GO:00166	GO:00010	GO:00063	gi|2814272	NM_134355.1|XM_008772467.1
305811	659.4436	566.8964	628.7224	331.074	359.3286	306.774	4.81E-06	0.859659	0.953413	0.502051	0.544897	0.465201	0.859659	1.10906	0.526582	1.085342	0.853742	0.465201	0.526582	Rcor2	REST core	GO:00432	GO:00010	GO:00063	gi|6207871	XM_008760113.1|NM_001013994.1|XM_008760115.1|XM_008760114.1
171068	648.0381	643.7972	696.9092	774.812	942.8705	1048.145	0.003528126	0.993456	1.075414	1.195627	1.454961	1.617412	0.993456	1.082498	1.111783	1.216902	1.111653	1.61741	1.2169	Pou2f1	POU class	GO:00432	GO:00036	GO:00063	gi|2813067	NM_001100639.1|XM_008769596.1|XM_008769597.1|XM_008769593.1|XM_008769591.1|XM_008769598.1|XM_008769595.1|XR_595497.1|XM_008769599.1|XM_008769592.1|XM_008769594.1
353305	637.6695	749.2892	646.7718	498.0934	476.8203	408.0488	0.011808443	1.175043	1.014274	0.781115	0.747755	0.639906	1.175043	0.86318	0.770122	0.957291	0.855771	0.639906	0.770119	Tbx3	T-box 3	GO:00432	GO:00010	GO:00005	gi|3174514	XM_006249416.2|XM_006249418.1|XM_006249415.2|XM_006249417.2|NM_181638.1
25628	542.2783	406.1936	186.5109	313.285	297.6455	318.573	0.002647302	0.74905	0.34394	0.57772	0.54888	0.587471	0.74905	0.459168	1.679713	0.950079	1.07031	0.343939	0.459168	Nkx2-1	NK2 home	GO:00002	GO:00009	GO:00018	gi|2139725	XM_006240116.2|NM_013093.1|XM_006240117.2|XM_006240118.2
353227	517.3937	2238.994	699.9174	431.8786	246.7325	277.2765	0.000379736	4.327449	1.352775	0.83472	0.476876	0.53591	4.327449	0.312603	0.617042	0.5713	1.123794	4.32745	4.32745	Zbtb16	zinc finger	GO:00160	GO:00010	GO:00018	gi|6155720	NM_001013181.1
25389	516.3568	411.1232	4200.507	11479.87	10173.8	11549.26	1.53E-90	0.7962	8.134893	22.23243	19.70304	22.36681	0.7962	10.21715	2.732972	0.88623	1.135196	22.36681	10.21715	Atf3	activating	GO:00319	GO:00010	GO:00060	gi|6978541	NM_012912.2
288151	500.8039	551.1219	549.5054	283.6365	252.607	228.114	5.80E-06	1.100475	1.097247	0.566363	0.504403	0.455496	1.100475	0.997067	0.516167	0.890601	0.903039	0.455496	0.516166	Hoxd1	homeo box	GO:00432	GO:00010	GO:00015	gi|1577868	NM_001105884.1
65035	480.0667	491.9675	512.4037	392.3474	362.2659	319.5563	0.028893182	1.02479	1.06736	0.817277	0.754616	0.66565	1.02479	1.04154	0.7657	0.923329	0.882104	0.66565	0.765703	Nr1i3	nuclear rec	GO:00432	GO:00010	GO:00097	gi|1262110	XM_008769759.1|NM_001270840.1|XM_008769758.1|NM_001270839.1|NM_022941.4|NM_001270838.1|XM_006250261.2
293165	444.8134	455.489	613.6812	626.5699	771.5285	722.6888	0.004305649	1.024	1.379637	1.408613	1.734499	1.624701	1.024	1.347302	1.021002	1.231353	0.936698	1.7345	1.3473	Sox6	SRY (sex	GO:00432	GO:00010	GO:00063	gi|6707851	NM_001024751.1|XM_006230088.2|XM_006230087.2|XM_006230092.2|XM_006230094.2|XM_006230093.2|XM_006230089.2|XM_006230091.2
170955	434.4448	426.8977	427.1702	288.5779	306.4574	287.109	0.028010848	0.982628	0.983256	0.664245	0.7054	0.660864	0.982628	1.000638	0.675557	1.061957	0.936864	0.660864	0.675557	Zfp483	zinc finger -	-	-	-	gi|1917379	NM_133422.1
117062	432.371	445.6299	489.3405	414.0896	289.8127	274.3268	0.014538104	1.030665	1.131761	0.957718	0.670287	0.634471	1.030665	1.098087	0.84622	0.699879	0.946566	0.634469	0.699878	Hmga1	high mobil	GO:00056	GO:00010	GO:00062	gi|2132645	XM_006256164.1|XM_006256158.2|XM_006256156.1|XM_006256162.2|XM_006256161.1|XM_006256157.2|NM_139327.1|XM_006256163.2
24577	378.4543	401.2641	595.6317	761.9644	566.8972	608.6318	0.006288079	1.060271	1.573854	2.013359	1.497928	1.608204	1.060271	1.484388	1.279254	0.743994	1.073619	2.01336	1.48439	Myc	myelocytor	GO:00156	GO:00010	GO:00001	gi|7183486	NM_012603.2
363684	335.943	108.4498	308.8461	134.4062	127.2826	185.8343	0.001731012	0.322822	0.919341	0.400086	0.378882	0.553172	0.322822	2.847826	0.435188	0.947	1.460013	0.322822	0.322822	Meox1	mesenchym	GO:00432	GO:00010	GO:00017	gi|1578192	NM_001108837.1|XM_008768090.1
367218	330.7587	254.364	232.6373	388.3943	678.5143	502.4408	0.02070339	0.769032	0.703345	1.174253	2.051388	1.519056	0.769032	0.914584	1.669527	1.746973	0.740501	2.05139	1.74697	Runx2	runt-relate	GO:00319	GO:00010	GO:00016	gi|1736842	XM_006244551.2|XM_006244549.2|NM_053470.2|XM_006244550.2|NM_001278484.2|NM_001278483.1|XM_006244554.2
500131	313.132	353.9406	315.8653	434.8435	548.2944	501.4575	0.008328574	1.130324	1.008729	1.38869	1.751001	1.601425	1.130324	0.892425	1.376674	1.260901	0.914577	1.751	1.37667	Creb5	cAMP resp	GO:00432	GO:00010	GO:00063	gi|1973867	NM_001134621.1|XM_008762908.1|XM_008762909.1
361096	288.2474	335.2083	240.6593	262.8826	258.4816	189.7673	0.039144797	1.162919	0.834905	0.912004	0.896735	0.658349	1.162919	0.717939	1.092344	0.983259	0.734162	0.65835	0.717937	Zic2	Zic family	GO:00432	GO:00010	GO:0074	gi|1487452	NM_001108392.2
306330	244.6992	212.9559	254.6977	198.6444	165.4674	131.7555	0.002124622	0.870276	1.040861	0.81179	0.676207	0.538439	0.870276	1.196012	0.779922	0.832983	0.796263	0.538439	0.779922	Klf2	Kruppel-lil	GO:00432	GO:00010	GO:00018	gi|5609054	NM_001007684.1
1E+08	242.6255	333.2365	328.901	303.4021	322.1229	387.4005	0.011711484	1.373461	1.355591	1.250496	1.327655	1.596702	1.373461	0.98699	0.922472	1.061703	1.202648	1.5967	1.37346	LOC10012	zinc finger	GO:00444	GO:00469	GO:00063	gi|2133852	NM_001139487.1|XM_008765080.1|XM_006240835.2
84046	226.0357	193.2377	676.8542	1442.89	1671.319	1350.986	1.46E-30	0.854899	2.994457	6.383459	7.394047	5.976868	0.854899	3.502702	2.131758	1.158314	0.808335	7.39405	3.5027	Sox11	SRY (sex	GO:00319	GO:00037	GO:00063	gi|3002461	NM_053349.1
361487	220.8514	226.7586	216.5934	405.1951	363.245	374.6183	0.004185782	1.026747	0.98072	1.834695	1.644749	1.696246	1.026747	0.955172	1.870764	0.89647	1.03131	1.8347	1.87076	Zfp52	zinc finger	GO:00056	GO:00469	GO:00063	gi|6207905	XM_006222955.2|XM_006222952.2|XM_008774362.1|XM_006228007.2|XM_006228004.2|XM_008758764.1|XM_008758765.1|NM_001014158.1|XM_006228003.2|XM_006228006.2|XM_006222954.2
114519	211.5197	242.5331	258.7087	569.2496	501.2977	569.3018	3.20E-09	1.146622	1.223096	2.691238	2.369982	2.691484	1.146622	1.066695	2.20035	0.880629	1.135656	2.69148	2.20035	Nfil3	nuclear fac	GO:00432	GO:00010	GO:00023	gi|4867585	XM_006253670.2|XM_006253669.2|XM_006253668.2|NM_053727.2|XM_006253667.2
79225	169.0083	138.027	313.8598	94.87494	92.03512	84.55951	0.001690779	0.816687	1.857067	0.561362	0.54456	0.500327	0.816687	2.273902	0.302284	0.970068	0.918774	0.500328	0.302285	Hes5	hes family	GO:00432	GO:00435	GO:00001	gi|1324228	NM_024383.1
297804	143.0868	278.0257	166.456	269.8006	243.7952	281.2095	0.000445321	1.943056	1.163322	1.885573	1.703827	1.965307	1.943056	0.598707	1.620852	0.903612	1.153466	1.96531	1.94306	Plag1	pleiomorpl	GO:00432	GO:00010	GO:00030	gi|5660571	XM_008763525.1|XM_008763526.1|XM_008763527.1|NM_001008316.1
362936	132.7182	230.7022	194.5329	335.0271	249.6698	290.0588	4.03E-05	1.738286	1.465759	2.524349	1.881202	2.185524	1.738286	0.843221	1.722213	0.745222	1.16177	2.52435	1.73829	Zfp707	zinc finger	GO:00444	GO:00469	GO:00063	gi|2095715	NM_001135903.1|XM_006241816.2|XM_006241815.2
24252	118.2022	133.0974	141.3873	129.4648	229.1087	190.7505	0.026483118	1.126015	1.196148	1.095283	1.938279	1.613765	1.126015	1.062284	0.915674	1.769661	0.832576	1.93828	1.76966	Cebpa	CCAAT/er	GO:00056	GO:00009	GO:00017	gi|192382	NM_001287578.1|NM_001287579.1|NM_001287577.1|NM_012524.3
295310	111.981	98.59069	138.3791	155.1601	209.5268	206.4825	0.003213874	0.880423	1.235737	1.385593	1.871092	1.843907	0.880423	1.403572	1.121268	1.350391	0.985471	1.87109	1.40357	Zfp697	zinc finger	GO:00432	GO:00036	GO:00104	gi|4045015	NM_001271334.1|XM_006233008.1|XM_006233007.2|XM_006233006.2|XM_006233003.1|XM_006233004.2
362464	100.5755	76.90074	139.3818	158.1249	273.1681	235.98	1.94E-05	0.764607	1.385843	1.572201	2.716049	2.346297	0.764607	1.81249	1.134473	1.727546	0.863864	2.71605	1.81249	Arntl2	aryl hydro	GO:00432	GO:00010	GO:00063	gi|2972068	NM_133391.1
312897	100.5755	97.60478	103.2829	71.1562	76.36957	58.99501	0.043982142	0.970463	1.026919	0.70749	0.759326	0.586574	0.970463	1.058175	0.688944	1.073267	0.772494	0.586576	0.688942	Msc	musculin	-	GO:00010	GO:00063	gi|3007957	NM_001191754.1|XM_008763476.1
305501	93.31749	108.4498	132.3626	96.8515	191.903	149.454	0.04200968	1.162159	1.418412	1.037871	2.056453	1.601565	1.162159	1.220497	0.731713	1.981415	0.7788	2.05645	1.98142	Ikzf1	IKAROS f	GO:00007	GO:00010	GO:00001	gi|1487086	XM_008770313.1|XM_008770312.1|XM_008770315.1|XM_006251494.2|XM_006251493.2|NM_001107237.1|XM_006251495.2|XM_006251497.2|XM_008770317.1|XM_008770314.1|XM_006251496.2|XM_008770316.1|XM_006251492.2|XM_006251491.2|XM_008770318.1|XM_008770319.1
308232	91.24377	108.4498	117.3214	148.2421	162.5301	157.32	0.015594079	1.188572	1.285802	1.624682	1.781274	1.724173	1.188572	1.081804	1.263555	1.096383	0.967944	1.78127	1.26356	Zfp51	zinc finger	GO:00444	GO:00469	GO:00063	gi|1578228	NM_001107467.2|XM_008758762.1|XM_006228025.1|XM_006228023.2|XM_006228026.2|XM_006228024.2
26296	68.43283	75.91483	51.1401	34.58982	86.16054	120.9398	0.019612041	1.109333	0.747304	0.505457	1.259053	1.767277	1.109333	0.673651	0.676374	2.490922	1.403656	0.505456	2.49092	Tfec	transcriptic	GO:00432	GO:00036	GO:00063	gi|1581875	NM_022379.1|XM_006236128.2
296272	63.24852	58.1685	32.0879	35.5781	20.56104	18.68175	0.000177581	0.919682	0.507331	0.562513	0.325083	0.295371	0.919682	0.551637	1.10877	0.577913	0.9086	0.29537	0.551636	Tcf15	transcriptic	GO:00432	GO:00010	GO:00063	gi|2704838	NM_001168579.1
290317	61.1748	51.26716	78.21427	184.8085	117.4916	118.9733	0.006466206	0.838044	1.278537	3.02099	1.920589	1.944808	0.838044	1.525621	2.362849	0.635748	1.01261	3.02099	2.36285	Sox7	SRY (sex	GO:00432	GO:00009	GO:00017	gi|1578231	NM_001106045.1
367264	41.47444	67.04167	39.10713	47.43747	193.8612	213.3653	4.49E-14	1.616457	0.942921	1.143776	4.674233	5.1445	1.616457	0.583326	1.213013	4.086669	1.100608	5.1445	4.08667	Stat4	signal tran	GO:00319	GO:00010	GO:00022	gi|5886602	NM_001012226.1